

**UNITED STATES DISTRICT COURT  
DISTRICT OF MASSACHUSETTS**

AMERICAN PUBLIC HEALTH  
ASSOCIATION; IBIS REPRODUCTIVE  
HEALTH; INTERNATIONAL UNION,  
UNITED AUTOMOBILE, AEROSPACE,  
AND AGRICULTURAL IMPLEMENT  
WORKERS (UAW); BRITTANY  
CHARLTON; KATIE EDWARDS; PETER  
LURIE; and NICOLE MAPHIS,

Plaintiffs,

v.

NATIONAL INSTITUTES OF HEALTH;  
JAY BHATTACHARYA, in his official  
capacity as Director of the National Institutes  
of Health; UNITED STATES  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES; and ROBERT F.  
KENNEDY, JR., in his official capacity as  
Secretary of the United States Department of  
Health and Human Services,

Defendants.

Civil Action No. 1:25-cv-10787-WGY

Leave to file excess pages granted  
May 5, 2025 (ECF No. 62)

**DEFENDANTS' OPPOSITION TO PLAINTIFFS'  
MOTION FOR PRELIMINARY INJUNCTION**

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## I. INTRODUCTION

Plaintiffs request a preliminary injunction for two sets of claims: (1) contract-based grant-termination claims; and (2) claims of unreasonable delay in processing grant applications. The Tucker Act requires that contract-based grant termination claims be brought in the Court of Federal Claims. *See* 28 U.S.C. § 1491(a)(1). Plaintiffs frame these claims as constitutional, statutory, and regulatory challenges and invoke the Administrative Procedures Act, but, at its heart, Plaintiffs seek to undo the National Institute of Health’s (NIH) grant terminations and require the United States to specifically perform the agreements. Plaintiffs’ claims are rooted in those grant agreements, and whether the terms of those agreements allowed termination to effectuate agency priorities. The APA thus confers no jurisdiction upon this Court to review plaintiffs’ claims or to restore previously awarded grants.

The Court also lacks jurisdiction for additional independent and alternative reasons. *First*, plaintiffs’ claims are prohibited programmatic challenges rather than challenges to identified final agency actions. Plaintiffs attack the Executive’s authority to alter the government’s course after a change in administration, and impermissibly call upon this Court to supervise agency operations.

*Second*, even considering the identified actions individually, which Plaintiffs misleadingly call “Directives,”<sup>1</sup> the Court lacks jurisdiction to review them. Indeed, the challenge to each Directive fails either because it has already expired, it did not harm plaintiffs, or it is not a final

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<sup>1</sup> For the sake of clarity, Defendants use the same naming conventions used by Plaintiffs in their Memorandum in Support of Motion for Preliminary Injunction (ECF No. 41). Use of this terminology should not be construed as agreement with any of Plaintiffs’ allegations.

Moreover, despite claiming otherwise, ECF No. 41 at 6 n.2, Plaintiffs definition of the “Directives” differs from the defined “Challenged Directives” in the related matter. *Compare* ECF No. 37-1 ¶ 1 *with Massachusetts v. Kennedy*, No. 1:25-cv-10814-WGY, ECF No. 76-1 at 2.

agency action subject to APA review. *Third*, grant termination decisions are not subject to APA review. Although a grant recipient may seek recourse in the Court of Federal Claims under the Tucker Act, for purposes of APA review, the awarding and termination of grants is committed to agency discretion by law. For all these reasons too, the Court lacks jurisdiction.

Plaintiffs next claim that the National Institutes of Health (NIH) has unlawfully delayed the review and decision of grant applications. But the APA does not authorize a district court to review day-to-day program operations of federal agencies, and the “delay” claims are moot as NIH is now expeditiously reviewing and deciding applications.

All of Plaintiffs’ claims are also unlikely to succeed on their merits. The terms and conditions of Plaintiffs’ grant agreements provided that a change in agency priorities is a valid basis for the agency to terminate the grants. Defendants’ grant terminations were based on the agency’s new priorities, well-reasoned, and complied with applicable statutes.

Plaintiffs’ claims of irreparable harm from the grant terminations and delays also fail as the harms they claim are monetary, speculative, or described so generally that the description cannot satisfy plaintiffs’ high burden of proof. Nor can plaintiffs show that the public interest favors them. On the contrary, the public has a substantial interest in the federal government’s responsible stewardship of the public fisc. A preliminary injunction risks loss of federal funds that would likely be difficult or impossible to recover if NIH ultimately prevails.

For these reasons, plaintiffs’ motion for a preliminary injunction should be denied.

## **II. BACKGROUND**

NIH’s mission is to “seek fundamental knowledge about the nature and behavior of living

systems” in order to enhance health, lengthen life, and reduce illness and disability.<sup>2</sup> To further this mission, NIH spent more than \$35 billion in Fiscal Year 2023 on almost 50,000 competitive grants to more than 300,000 researchers at more than 2,500 universities, medical schools, and other research institutions across all 50 states and the District of Columbia. *See* Supplemental Guidance to the 2024 NIH Grants Policy Statement: Indirect Cost Rates, NOT-OD-25-068 (Feb. 7, 2025).

In awarding grants, NIH has been given broad discretion by Congress. 42 U.S.C. § 241(a)(3); 42 U.S.C. § 282(b)(3), (12). The Health and Human Services (“HHS”) Secretary awards grants “to those applicants whose approved projects will in the Secretary’s judgment best promote the purposes of the statute authorizing the grant and the regulations of this part.” 42 C.F.R. § 52.6(a). NIH also has broad discretion in grant administrations. *See, e.g.*, 42 C.F.R. § 52.6(f).

When NIH awards a grant, it enters an agreement with the grantee by issuing a Notice of Award (“NOA”), and the terms of that NOA govern the contractual relationship between the grantee and NIH. The terms of the grant agreements include the terms identified in NIH’s Grant Policy Statement (“NIHGPS”), including 2 C.F.R. § 200.340, which permits NIH to terminate a grant agreement if it “no longer effectuates the program goals or agency priorities.” 2 C.F.R. § 200.340(a)(4); *See* NIH Grants Policy Statement (“NIHGPS”) at Part II, Subpart A: General, ch. 3<sup>3</sup>; *see also, e.g.*, ECF No. 38-24 at 15-16 (listing “all other requirements described in the NIH Grant Policy Statement” under “Standard Terms and Conditions”). Importantly, while a grant agreement permits the grantee to draw funds, it does not “commit[] or obligate[] the United States

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<sup>2</sup> NIH, Mission and Goals, available at <https://www.nih.gov/about-nih/what-we-do/mission-goals> (last visited Feb. 14, 2025).

<sup>3</sup> <https://grants.nih.gov/grants/policy/nihgps/nihgps.pdf>



in any way to make any additional, supplemental, continuation, or other award with respect to any approved application or portion of an approved application.” 42 C.F.R. § 52.6(c)(3).

Following the 2024 Presidential election, NIH’s priorities shifted. NIH exercised its broad discretion and authority to make and administer grants in alignment with those priorities, including by terminating certain grants. It conducted a comprehensive review of outstanding grants to determine which ones departed from its current priorities. To effectuate this review, from January 21 to February 1, the Administration issued a temporary freeze on the publication of any documents in the Federal Register until they were reviewed by a presidential appointee. *See* Lorsch Decl. ¶ 18. Because NIH must post a notice to the Federal Register every time it schedules a meeting to review grants, it scheduled no meetings for the duration of the temporary pause. 5 U.S.C. § 1009(a)(2). *Id.* ¶¶ 19, 21. NIH also cancelled all peer reviews for that period. *Id.* ¶ 20.

“[T]o provide the Administration time to review agency programs and determine the best uses of the funding for those programs consistent with law and the President’s priorities,” on January 27, the Administration announced a “temporary pause on all . . . disbursements of Federal financial assistance, and other relevant agency activities that may be implicated by executive orders.” ECF No. 38-7 at 3. This included a “pause [on] all activities associated with open [Notice of Funding Opportunities], such as conducting merit review panels.” *Id.* The temporary pauses have ended, and NIH is now in the process of holding 578 peer review meetings between March 24 and May 31.<sup>4</sup> Lorsch Decl. at ¶ 22, 24. NIH is moving expeditiously and anticipates that by the end of May, it will have completed over 100% of the peer review meetings for the current advisory council cycle (Cycle III), and it will have completed review of 100% of the Cycle III

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<sup>4</sup> *See, e.g.*, 90 Fed. Reg. 11175; 90 Fed. Reg. 11324; 90 Fed. Reg. 11323; 90 Fed. Reg. 11422; 90 Fed. Reg. 12333; 90 Fed. Reg. 12325; 90 Fed. Reg. 13187; 90 Fed. Reg. 13182.

applications. *Id.* ¶ 25. The NIH institutes and centers (ICs) have also held or scheduled the advisory council meetings that were delayed as a result of the pause, and NIH will meet its obligations pursuant to 42 U.S.C. § 284a(e).<sup>5</sup> *Id.* ¶ 26. Additionally, from the date of the pause (Jan. 21, 2025) until May 12, 2025, NIH had issued 11,362 new non-competitive grants and issued 1,971 new competitive grants. *Id.* ¶ 27. Beginning in late February, NIH identified 689 grants for termination and sent termination letters explaining its decision. *See, e.g.*, ECF No. 38-33 at 56-57.<sup>6</sup> The letters also notified grantees of their appeal rights. *Id.* at 57. There are currently 431 appeals of grant terminations through NIH’s appeals process. Lorsch Decl. ¶ 13.

### **III. RELEVANT PROCEDURAL HISTORY**

Plaintiffs filed this suit on April 2, 2025, over a month after grant terminations started. *See* Compl., ECF No. 1. More than three weeks after filing their Complaint, on April 25, 2025, Plaintiffs filed a Motion for a Preliminary Injunction (PI). ECF No. 37.

### **IV. LEGAL STANDARD**

“A preliminary injunction is an extraordinary and drastic remedy that is never awarded as of right.” *Peoples Fed. Sav. Bank v. People’s United Bank*, 672 F.3d 1, 8-9 (1st Cir. 2012) (internal quotation omitted). A movant may be awarded such an extraordinary remedy only “upon a clear showing” that it is “entitled to such relief.” *Winter v. Nat. Res. Def. Counsel, Inc.*, 555 U.S. 7, 22 (2008). “A plaintiff seeking a preliminary injunction must establish that [it] is likely to succeed on the merits, that [it] is likely to suffer irreparable harm in the absence of preliminary relief, that the balance of equities tips in [its] favor, and that an injunction is in the public interest.” *Winter v. Nat.*

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<sup>5</sup> *See, e.g.*, 90 Fed. Reg. 14267; 90 Fed. Reg. 13755; 90 Fed. Reg. 13175; 90 Fed. Reg. 14454; 90 Fed. Reg. 13376; 90 Fed. Reg. 15009; 90 Fed. Reg. 14143; 90 Fed. Reg. 13379; 90 Fed. Reg. 13604.

<sup>6</sup> Including competitive and non-competitive grants, NIH had 91,482 active grants between January 21, 2025, and May 12, 2025. Lorsch Decl. ¶ 14.

*Res. Def. Council, Inc.*, 555 U.S. 7, 20 (2008). The moving party “bears the burden of satisfying each of these four elements,” using evidence to support its contentions. *Akebia Therapeutics, Inc. v. Azar*, 443 F. Supp. 3d 219, 225 (D. Mass. 2020). The last two factors “merge when the Government is the party opposing the preliminary injunction.” *Nken v. Holder*, 556 U.S. 418, 435 (2009). Irreparable harm “constitutes a necessary threshold showing for an award of preliminary injunctive relief,” *Gonzalez-Droz v. Gonzalez-Colon*, 573 F.3d 75, 79 (1st Cir. 2009), and is “the basis for injunctive relief.” *Voice of the Arab World, Inc. v. MDTV Med. News Now, Inc.*, 645 F.3d 26, 32 (1st Cir. 2011). As a threshold matter, the court must have jurisdiction to order such relief. *Lowenthal v. Massachusetts*, No. 14–13631, 2014 WL 5285615, at \*2 (D. Mass. Oct. 14, 2014).

## **V. ARGUMENT**

### **A. This Court Lacks Jurisdiction over Plaintiffs’ Claims**

The Court must first assess whether it has subject matter jurisdiction. *See Acosta Ramirez v. Banco Popular de P.R.*, 712 F.3d 14, 18 (1st Cir. 2013) (“Federal courts are obligated to resolve questions pertaining to subject-matter jurisdiction before addressing the merits of a case”). As a general rule, the federal government is “immune from suit in federal court absent a clear and unequivocal waiver of sovereign immunity.” *Crowley Gov’t Servs., Inc. v. GSA*, 38 F.4th 1099, 1105 (D.C. Cir. 2022). Thus, to sue a federal agency, a plaintiff must identify an express waiver in the text of a federal law and show that its claim falls within the waiver’s scope. *See FAA v. Cooper*, 566 U.S. 284, 290 (2012) (“a waiver of sovereign immunity must be ‘unequivocally expressed’ in statutory text”). Here, Plaintiffs seek to rely on the APA, which includes a limited waiver of sovereign immunity for claims “seeking relief other than money damages.” 5 U.S.C. § 702. That limited waiver does not extend to this action for several independent reasons.

**1. The Court of Federal Claims has exclusive jurisdiction over Plaintiffs' grant-termination claims.**

When a party seeks to access funding that it believes the government owes under a contract or grant, the proper remedy is typically suit under the Tucker Act, not the APA. *See Burgos v. Milton*, 709 F.2d 1, 3 (1st Cir. 1983). The Tucker Act confers exclusive jurisdiction on the United States Court of Federal Claims to hear cases involving express or implied contracts with the United States which exceed \$10,000. 28 U.S.C. § 1491(a)(1). Therefore, “the Tucker Act impliedly forbids” the bringing of “contract actions” against “the government in a federal district court” under the APA. *Albrecht v. Comm. on Emp. Benefits of the Fed. Rsrv. Emp. Benefits Sys.*, 357 F.3d 62, 67-68 (D.C. Cir. 2004); *see also Glaskin v. Klass*, 996 F. Supp. 67, 72 (D. Mass. 1998). This ensures that contract claims against the government are channeled to the court that has “unique expertise” in that area. *Ingersoll-Rand Co. v. United States*, 780 F.2d 74, 78 (D.C. Cir. 1985).

Plaintiffs contend the Tucker Act does not apply because their claims are “not rooted in contract with the government, but rather statutory, regulatory, and constitutional law,” Pls.’ Mem. (ECF No. 41) at 14; they do not seek money damages but “declaratory and injunctive relief aimed at the unlawfulness of the Directives [and] terminations,” *id.* at 16; and the Court of Federal Claims “is unable to remedy any of these [claimed] ongoing injuries,” *id.* Despite Plaintiffs’ artfully disguised contract-based claims, “[p]ainting a pumpkin green and calling it a watermelon will not render its contents sweet and juicy.” *Arruda v. Sears, Roebuck & Co.*, 310 F.3d 13, 24 (1st Cir. 2002).

*Ingersoll-Rand Co. v. United States* is directly on point. *See* 780 F.2d 74 (D.C. Cir. 1985). There, plaintiffs sued the United States in federal district court after the government terminated its contract. Like Plaintiffs here, *Ingersoll* alleged that the court had jurisdiction because its claims were rooted in regulation, not contract; sought only declaratory and injunctive relief and did not

specifically allege a breach of contract claim; and argued that the relief available in the alternative court was inadequate. *Id.* at 76-80. The D.C. Circuit disagreed, holding that the district court lacked jurisdiction over Ingersoll’s contract-based claims. *Id.* at 80. In doing so, the *Ingersoll* Court noted that “a plaintiff may not avoid the jurisdictional bar of the [Act] by alleging violations of regulatory or statutory provisions rather than breach of contract,” *id.* at 77, that the “essence of I-R’s claim is a request for specific performance of the original contract,” *id.* at 79-80, and that Ingersoll had not established that a damages award was an inadequate remedy, *id.* at 80. Like *Ingersoll*, this Court should see through Plaintiffs’ attempt to cloak their contract-based grant termination claims under the guise of regulatory or constitutional claims. Plaintiffs may not sidestep the Tucker Act’s jurisdictional bar simply by avoiding a request for damages.

Moreover, in *Department of Education v. California (California)*, the Supreme Court addressed this issue in the same context: termination of grant awards that no longer aligned with agency priorities. 604 U.S. \_\_\_, 145 S. Ct. 966 (2025). There too, plaintiffs asserted APA claims, *and sought only declaratory and injunctive relief, and not money damages*, after the Department of Education terminated certain grants that no longer aligned with agency priorities. *See* No. 1:25-cv-10548, Compl. (ECF No. 1) ¶¶ 3, 14, pp. 51-52; Proposed TRO Order (ECF No. 2-1) at 2; 2025 WL 725103 (D. Mass., filed March 6, 2025). After the district court issued a temporary restraining order (1) enjoining the government from terminating those grants and (2) requiring the government to “restore Plaintiff states to the pre-existing status quo prior to the termination [of the grants],” *id.* at TRO (ECF No. 41 at 9) —the same relief the Plaintiffs here request—the Supreme Court stayed that order, explaining that the government is “likely to succeed in showing the District Court lacked jurisdiction to order the payment of money under the APA.” *Id.* at 968-69. According to the Supreme Court, suits seeking relief like that sought by the *California* plaintiffs, and like those

asserted in this case, belong in the Court of Federal Claims. *See id.*<sup>7</sup> Plaintiffs’ arguments here mirror those made by the *California* plaintiffs and rejected by the Supreme Court. 145 S. Ct. at 968-69; *see California Pls.’ Opp’n to Application*, 2025 WL 963588, at \*20-27 (March 28, 2025).<sup>8</sup>

The Plaintiffs’ grant-termination claims arose only when NIH terminated the grants pursuant to the terms of the grant agreement. “The question presented by the complaint could be phrased as whether the contract forbids termination under these conditions.” *Ingersoll*, 780 F.2d at 78. Though Plaintiffs contend that “HHS regulations do not authorize Defendants to terminate grants based on [2 C.F.R. § 200.340],” ECF No. 41 at 27, “[t]hat the termination also arguably violates certain other regulations does not transform the action into one based solely on those regulations.” *Ingersoll*, 780 F.2d at 78. That Plaintiffs’ argument as to alleged irreparable harm is based on financial loss shows the contractual nature of the claims. *See* ECF No. 41 at 33-37.

Nor does Plaintiffs’ attempt to disguise their claims as ones for “equitable relief setting aside Defendants’ actions” change the result. *See* ECF No. 41 at 16. *Diaz v. Johnson*, No. 19-1501, 2020 WL 9437887, at \*2 (1st Cir. Nov. 12, 2020) (holding that plaintiff “cannot manufacture an

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<sup>7</sup> Like the First Circuit’s decision, the Supreme Court’s decision in *California* concerned only whether the government was likely to succeed (on its Tucker Act arguments) in the context of a stay pending appeal. On the question of likelihood of success — *the same standard at issue in this PI motion* — the Supreme Court abrogated the First Circuit’s ruling and found the government likely to succeed on the merits and would suffer harm absent a stay. 145 S. Ct. at 968. Neither the Supreme Court’s ruling nor the First Circuit’s decision is binding on the merits themselves. *See* 132 F.4th 92, 96 (1st Cir. 2025) (“[O]ur discussion at this point assesses only the likelihood of success on the merits as the record now stands *and does not constitute a holding on the merits.*” (emphasis added)).

<sup>8</sup> Plaintiffs rely on *Bowen*, but the Supreme Court held in *California* that *Bowen* does impact the Tucker Act’s grant of exclusive jurisdiction to the Court of Federal Claims for claims to compel the payment of money under grants, such as this one. Nor did *Bowen* involve a claim for breach of contract; rather, in holding the Tucker Act inapplicable to a State’s claim under the Medicaid Act, the Court stressed both the statutory nature of that specific cause of action and the intricate features of the Medicaid Act. *Bowen*, 487 U.S. at 900 n.31. By citing *Bowen* in *California*, the Supreme Court demonstrated that *Bowen* is distinguishable here.

APA claim by asking the court to declare that the failure to fund his proposal was an arbitrary or capricious act”); *Am. Sci. & Eng’g, Inc. v. Califano*, 571 F.2d 58, 63 (1st Cir. 1978) (“We have concluded that the essence of the action is in contract, and plaintiff cannot by the mystique of a different form of complaint make it otherwise” (internal quotation marks and citation omitted)). Plaintiffs’ requested injunction makes clear that the essence of their action is to “set aside” the termination of (i.e. continue to perform on) the terminated NIH grants. *See* PI Proposed Order, ECF No. 37-1 at ¶ 1 (“cease implementation of the following directives”), ¶ 2 (“inform all agency personnel they are not to implement the Directives,” ¶ 3 (“cease termination of any NIH . . . grant or grant program”), ¶ 6 (“refrain from freezing or otherwise withholding NIH grant funding”); ¶ 7 (“restore grants, retroactive to the respective termination date); ¶ 9 (“unfreeze and release any reimbursements or other funding awards issued by or on behalf of NIH”); ¶ 11 (“refrain from terminating NIH grants and grant programs”); ¶ 12 (“restore grants that NIH has terminated”). Like their arguments, the injunctive relief Plaintiffs requests closely match the district court’s order stayed by the Supreme Court in *California*. *See California v. U.S. Dept. of Ed.*, No. 25-cv-10548, ECF No. 41 at 9-10 (D. Mass. Mar. 10, 2025) (“Defendants are temporarily enjoined from . . . maintaining... the termination of any previously awarded . . . grants for recipients in Plaintiff States, . . . such as suspension or withholding of any funds approved and obligated for the grants”).

As Judge Stearns noted in another case challenging grant terminations brought under the cloak of the APA, although plaintiffs based their claims on federal statutes instead of using contract-based language, these claims in essence “sought to enforce a contractual obligation to pay money.” *Mass. Fair Hous. Ctr. v. Dep’t of Hous. & Urban Dev.*, No. 3:25-cv-30041, ECF No. 42 (Apr. 14, 2025) (citing *California*). Thus, the district court was obligated to “defer . . . to the Supreme Court’s unmistakable directive that, for jurisdictional purposes, the proper forum for this case is the Court of Federal Claims.” *Id.* Plaintiffs attempt to distinguish their claims from those

in *California* by noting they “assert both statutory and constitutional claims,” ECF No. 41 at 17, but this is simply the same contract-based claim repackaged in a different box.<sup>9</sup> *See Ingersoll*, 780 F.2d at 78 (citing *J.C. Prods., Inc. v. United States*, 608 F. Supp. 92, 94 (W.D. Mich. 1984) (where government terminated plaintiffs contract, cause of action is on the contract despite plaintiffs’ claims of statutory and constitutional violations)).

Finally, Plaintiffs argue that NIH grants are not contracts. ECF No. 41 at 15. Courts have routinely held that “grant agreements [are] contracts when the standard conditions for a contract are satisfied.” *Columbus Reg’l Hosp. v. United States*, 990 F.3d 1330, 1338 (Fed. Cir. 2021); *see also San Juan City Coll. v. United States*, 391 F.3d 1357, 1360-62 (Fed. Cir. 2004) (treating a “Program Participation Agreement” and related grants under Higher Education Act as a contract). The standard contract conditions—offer, acceptance, consideration, and authority to contract—are all satisfied with respect to the NIH grants. Each grant consists of an offer (Notice of Funding Opportunity and application); acceptance (approved grant application and Notice of Award); consideration (funding to grantees; publication, licensing rights to NIH, *see* NIHGPS § 8.2.1; and benefits to third-parties); and the authority to contract, *see* 42 U.S.C. §§ 241(a)(7), 284(b)(2). Even where grants are intended to “carry out a public purpose authorized by law of the United States,” and not to “acquire property or services for the Federal awarding agency,” 45 C.F.R. § 75.2, they are considered contracts under the Tucker Act. *See Thermalon Indus., Ltd. v. U.S.*, 34 Fed. Cl. 411, 416-19 (1995) (National Science Foundation grant designed to “carry out a public purpose” instead of for direct benefit of United States constituted contract enforceable under Tucker Act).

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<sup>9</sup> Moreover, the statutes at issue here do not create entitlements for the Plaintiffs; they simply require NIH to “encourage” certain things. 42 U.S.C. § 282(b)(8)(D)(ii). At most, they require NIH to enter into grants to encourage those objectives, and any APA claim would have to allege that the government failed to enter into any such agreement in the first place.



**2. The Court lacks jurisdiction to order the relief that plaintiffs request because the United States has not waived sovereign immunity for specific performance of contracts.**

The Court also lacks jurisdiction to grant specific performance of the grant agreements the Plaintiffs seek. The United States cannot be sued unless it waives sovereign immunity, and Congress has not waived sovereign immunity for that relief. *Block v. North Dakota*, 461 U.S. 273, 287 (1983) (“[W]hen Congress attaches conditions to legislation waiving sovereign immunity of the United States, those conditions must be strictly observed, and exceptions thereto are not to be lightly implied.”); *Coggeshall Dev. Corp. v. Diamond*, 884 F.2d 1, 3-4 (1st Cir. 1989) (stating “[w]e are unaware of any waiver of sovereign immunity by the United States as to specific performance for breach of contract” and dismissing for lack of subject matter jurisdiction).

Plaintiffs ask the Court to order NIH to “restore grants” and “refrain from freezing or otherwise withholding NIH grant funding.” *See, e.g.*, PI Prop. Order, Doc No. 37-1 at ¶¶ 6, 7, 11, 12. This would require the Court to order specific performance of those grant agreements by paying the grants. *See Ingersoll*, 780 F.2d at 79-80 (finding request to order reinstatement of an original contract award to be a request for specific performance). That Plaintiffs seek specific performance is made evident by the Supreme Court’s description of the district court’s Order in *California* — which provided the same relief that Plaintiffs now seek—as “require[ing] the Government to pay out past-due grant obligations and to continue paying obligations as they accrue.” 145 S. Ct. at 968. But, requiring specific performance by a government agency “is well beyond the Court’s power.” *Imaginarium LLC v. U.S. Small Bus. Admin.*, 618 F. Supp. 3d 1225, 1232 (D. Utah 2022) (emphasis added) (citing *Coggeshall*, 884 F.2d at 3).

**3. In cloaking their contract suit under the guise of an APA claim, plaintiffs would assert an impermissible programmatic challenge.**

By challenging the “still evolving” “Directives,” ECF No. 41 at 8, Plaintiffs broadly challenge how NIH administers its program. They include, amongst those Directives, actions that are moot or are not final agency actions. *See* Argument § V(A)(4). This broad programmatic challenge to a series of individual agency decisions “cannot be laid before the court for wholesale correction under the APA, simply because one of them that is ripe for review adversely affects one of respondent’s members.” *Lujan v. National Wildlife Federation*. 497 U.S. 871, 890–93 (1990). Requests for “wholesale improvement of this program” must be brought “in the offices of the Department or the halls of Congress, where programmatic improvements are normally made.” *Id.* at 891. Plaintiffs complain that programmatic changes here are the result of the President’s election, *see* ECF No. 41 at 1 (claiming that “Defendants began an unprecedented and ideologically driven purge” “in January 2025”); but, as *Lujan* teaches, the APA does not allow plaintiffs to challenge programmatic changes wrought by the outcome of an election. *See* 497 U.S. at 893.

The decision in *Alabama-Coushatta Tribe of Tex. v. United States*, 757 F.3d 484 (5th Cir. 2014), is instructive. There, a Tribe sought to challenge the approval of all “drilling leases and permits to third parties” on land to which the Tribe asserted title. *Id.* at 486. The Fifth Circuit held that it lacked jurisdiction to hear such a “blanket challenge to all of the Government’s actions with respect to all permits and leases” that was directed at “the way the Government administers these programs and not to a particular and identifiable action taken by the Government.” *Id.* at 491–92.

The programmatic nature of Plaintiffs’ § 706(1) “delay” challenge is made plain by their comparison of the Agency’s overall grant processing progress under the current administration with prior administrations. *See* ECF No. 41 at 11 (citing declaration of former director (Ex. 26) comparing present administration’s management with past administration’s management). Indeed,

plaintiffs do not even purport to identify all grant applications for which they allege unreasonable delay, instead citing in a footnote the declaration of only two individuals claiming delays for grant processing in a single grant program. *See* ECF No. 41 at 11 n.14.

Plaintiffs' § 706(2) claims also have the hallmarks of an impermissible programmatic challenge: (1) Plaintiffs style their claims as being against "NIH Directives," *e.g.*, Compl., Doc No. 1 at 30 & ¶ 103; ECF No. 37-1 at 2 ¶ 1; (2) they request that Court order NIH to "restore grants . . . that NIH has terminated based on or as a result of the Directives," PI Prop. Order, Doc No. 37-1 ¶ 7; (3) and they seek to control future conduct of the agency in "actions yet to be taken." *Lujan*, 497 U.S. at 893. For example, they request that the Court order that NIH shall "refrain from": (1) withdrawing Notices of Funding Opportunities issued by or on behalf of NIH"; (2) "withdrawing [or] denying . . . NIH grant applications or grant renewal applications"; (3) "freezing or otherwise withholding NIH grant funding"; and (4) "terminating NIH grants and grant programs." PI Prop. Order, Doc No. 37-1 ¶¶ 4-6, 11. But claims that "cover actions that have yet to occur . . . do not challenge specific 'agency action.'" *Alabama-Coushatta*, 757 F.3d at 490.

Plaintiffs' claims are not saved by their identification of seven documents as among the Directives, as well as "any nonpublic or undisclosed directives."<sup>10</sup> ECF No. 37-1 ¶ 1. Identifying an array of challenged actions is typical of a programmatic challenge, and, as explained below, the identified actions are not subject to judicial review under the APA. Nor does *New York v. Trump*, 33 F.4th 51, 57 (1st Cir. 2025), help Plaintiffs. There, plaintiffs challenged a temporary pause in grant funding to *all* heads of executive departments and agencies in response to an OMB Directive.

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<sup>10</sup> Plaintiffs cannot state a claim based on any other nonpublic or undisclosed directives. The United States cannot defend, and the court cannot review, unidentified agency action.

*Id.* Unlike in *New York*, NIH has not categorically terminated *all* NIH grants, but rather only select grants—disbursed by a single agency—that do not align with agency priorities.

#### **4. Plaintiffs’ challenge to NIH’s actions is not justiciable**

Even viewed individually, each of the Directives is either moot, unconnected to Plaintiffs’ alleged harms, or is not a final agency action. For these additional reasons, Plaintiffs’ have not established jurisdiction to review any challenged action.

- a. By its own terms, the February 13 memorandum, and any pause in review of grant applications expired before plaintiffs sued.

As the First Circuit explained, challenges “to government regulatory schemes which have expired or been effectively repealed” are moot. *Am. Civ. Liberties Union of Mass. v. U.S. Conf. of Cath. Bishops*, 705 F.3d 44, 53 (1st Cir. 2013). The February 13 memorandum entitled “Supplemental Guidance to Memo Entitled – NIH Review of Agency Priorities Based on the New Administration’s Goals,” ECF No. 38-12 (Exhibit 12), was expressly rescinded (twice). *See* “Priorities Directive,” ECF No. 37-13 at 2 (“This staff guidance rescinds the guidance provided in the February 13, 2025, memo”); *see also* “Revised Priorities Directive,” ECF No. 37-14 at 2 (same). Plaintiffs admit as much in their Complaint. *See* ECF No. 1 ¶ 92. Plaintiffs’ challenge of the February 13 memorandum is thus moot.

Moreover, Plaintiffs’ claims that NIH is failing to review or decide grant applications is similarly moot. *See* ECF No. 41 at 31. As explained above, *see supra* n.4, n.5, any pause in publication of any meeting notices in the Federal Register expired before plaintiffs sued. NIH is working diligently to reschedule all cancelled meetings. *See* Lorsch Decl. ¶¶ 22, 24-27. Since March 4, NIH has published over 150 notices of scheduled meetings in the Federal Register. *Id.* ¶ 24; *see supra nn. 4, 5*. And it has scheduled 245 more meetings from March 24 to May 31 than it did in the previous year. *See id.* As of the end of May 2025, NIH will have held 100% of the

meetings that were impacted by any temporary pauses and reviewed 100% of all applications submitted for the impacted Cycle III Advisory Council cycle meetings. Lorsch Decl. ¶ 25.

- b. Two other Directives did not harm Plaintiffs and instead facilitated actions that plaintiffs seek.

Two other Directives that Plaintiffs challenge did not cause Plaintiffs' alleged injuries. To establish standing, plaintiffs must demonstrate that their alleged injury is "fairly traceable to the challenged action." *Clapper v. Amnesty Int'l USA*, 568 U.S. 398, 409 (2013). First, the February 12, 2025 memorandum entitled "NIH Review of Agency Priorities Based on the New Administration's Goals" (Exhibit 11) authorized grant managers "to proceed with issuing awards" in response to recent court orders. ECF No. 37-11. Plaintiffs' alleged harms are unquestionably not traceable to this memorandum. Second, plaintiffs do not assert in any of their pleadings that grants have been cut pursuant to the alleged "directive issued by NIH that NIH funding shall not be made available to research related to the health effects of climate change." Prop. PI Order, ECF No. 37-1 ¶ 1(g). *See generally* ECF Nos. 1, 41.<sup>11</sup> Thus, Plaintiffs do not have standing.

- c. The remaining Directives are not final agency actions subject to judicial review under the APA.

The remaining Directives are not final agency actions subject to judicial review and are instead interlocutory processes to review grants. The APA only permits review of "final agency action." 5 U.S.C. § 704. To be final, the action must satisfy two conditions. First, it "must mark the consummation of the agency's decision-making process." *Harper v. Werfel*, 118 F.4th 100, 116 (1st Cir. 2024) (quoting *Bennett v. Spear*, 520 U.S. 154, 178 (1997)). "Second, the action must

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<sup>11</sup> Plaintiffs allege that "UAW Pre-Member 6" studies "the replication of mechanisms of viral diseases spread by mosquitoes to identify targets for drug therapeutics" which has been "increased" by a "warming climate." However, Plaintiffs further allege that UAW Pre-Member 6 grant application had been terminated because they applied for a "F31 Diversity Fellowship." ECF No. 1 ¶¶ 192-94.

be one by which ‘rights or obligations have been determined,’ or from which ‘legal consequences will flow.’” *Id.* (quoting *Bennett*, 520 U.S. at 178). The Directives fail both conditions.

For the first condition, the First Circuit recently explained in *Harper* that “investigatory measures are not final agency action,” because such measures are “tentative or interlocutory in nature.” *Id.* (collecting cases). The opening of a review or investigation is a preliminary step, “leading toward the possibility of a final action in the form of an enforcement or other action.” *Id.* (quoting *Univ. of Med. & Dentistry of N.J. v. Corrigan*, 347 F.3d 57, 69 (3d Cir. 2003)). The final agency action would occur when the agency decides to act on an existing grant.

Here, the Directives merely ordered a *review* of the grants to determine whether they were consistent with the agency’s priorities. *See* “Secretarial Directive on DEI-Related Funding,” ECF No. 38-10 (Exhibit 10) at 2 (directing “a review of the overall contracts and grants to determine whether those contracts or grants are . . . consistent with current policy priorities” and noting that, “after review,” “such contracts may be terminated”); “Priority Directives,” ECF No. 38-13 (Exhibit 13) at 2 (directing NIH institutes and centers to “review the specific aims [and] assess whether the proposed project contains any DEI research activities” before issuing any awards or approving requests for carryover); “NIH Grants Management Staff Guidance – Award Assessments for Alignment with Agency Priorities—March 2025,” ECF No. 38-14 (Exhibit 14) at 2 (directing NIH institutes and centers to “review the specific aims/major goals of the project to assess whether the proposed project contains any DEI, gender identity or other research activities that are not an NIH/HHS priority/authority”). Initiating a review is not the consummation of the agency’s decision-making process. *Cf. Sackett v. EPA*, 566 U.S. 120, 127 (2012) (finding final agency action where a compliance order was “not subject to further Agency review”).

Initiating an agency review also does not determine the grantees’ rights and obligations. *See FTC v. Standard Oil Co. of California*, 449 U.S. 232, 241 (1980) (issuing a complaint and

initiating enforcement proceedings did not have “definitive” legal consequences and was still subject to challenge and review). Here, too, the Directives did not definitively affect any of Plaintiffs’ or their members’ rights and obligations and remained subject to review.

Additionally, the Directives’ procedural guidance does not qualify as agency action. The Directives outline the process for staff to follow when renegotiating or terminating awards based on the review results. *See* “Staff Guidance – Award Assessments for Alignment with Agency Priorities—March 2025,” ECF No. 38-13 at 6–7 (detailing the steps to follow when issuing a revised NOA for terminated grants and language to use in renegotiated awards); “Award Revision Guidance and List of Terminated Grants via letter on 03/12,” ECF No. 38-18; “NIH Grants Management Staff Guidance – Award Assessments for Alignment with Agency Priorities—March 2025,” ECF No. 38-14. Directing staff on the process to follow and language to use when implementing a decision is not agency action. *See Vill. of Bald Head Island v. U.S. Army Corp. of Eng’rs*, 714 F.3d 186, 193 (4th Cir. 2013) (“[o]perating a program” does not qualify as agency action). This guidance remained subject to the decision to be made for each grant after review. “Article III’s case-or-controversy requirement does not cover a challenge to the kind of intra-governmental directives and policy planning implicated by the [Directives].” *Nat’l Urban League v. Trump*, \_\_ F. Supp. 3d \_\_, 2025 WL 1275613, at \*8 (D.D.C. May 2, 2025).

The Directives’ procedural guidance was also interlocutory, not final. The procedural guidance in the initial “Staff Guidance” Directive (ECF Nos. 38-13 (Exhibit 13)) was revised in the Award Revision Guidance (ECF No. 38-18 (Exhibit 18)), which was again updated in the revised Staff Guidance (ECF No. 38-14). Reinforcing that the staff guidance was tentative, the Award Revision Guidance directed staff to “save this guidance until we can clear the updated staff guidance.” ECF No. 38-18 at 2. This is not the stuff of final agency action.

This case is nothing like *Biden v. Texas*, where the agency directed personnel to take all necessary actions to shut down an entire program. 597 U.S. 785, 808–09 (2022). At most, the guidance here resembles the manual in *Whitewater Draw Natural Resources Conservation District v. Mayorkas*, 5 F.4th 997, 1008 (9th Cir. 2021). There, the Ninth Circuit held a Department of Homeland Security manual was not challengeable final agency action because it did “not prescribe any particular option in any particular way” and “[a]ny guidance that could be attributed to the Manual would be subsumed” in the subsequent action. So too with the Directives here.

Because the Directives are either moot, unconnected to any alleged injuries, or not final agency action, plaintiffs’ asserted claims based on the “Directives” are non-justiciable.<sup>12</sup>

#### **5. Congress committed grant administration to agency discretion.**

Plaintiffs’ claims are also unreviewable because they challenge funding decisions “committed to agency discretion by law.” 5 U.S.C. § 701(a)(2). The “allocation of funds” is an “administrative decision traditionally regarded as committed to agency discretion.” *Lincoln v. Vigil*, 508 U.S. 182, 192 (1993). “[A]s long as the agency allocates funds from a lump-sum appropriation to meet permissible statutory objectives, § 701(a)(2) gives the courts no leave to intrude.” *Id.* at 193. These principles are not limited to lump-sum appropriations; § 701(a)(2) bars review when an appropriation confers discretion on the agency. *Milk Train, Inc. v. Veneman*, 310 F.3d 747, 751-52 (D.C. Cir. 2002). NIH actions to terminate existing grants or award future grants are unreviewable.

That is precisely what has happened here. Congress has made lump sum appropriations to the agency to meet broad statutory objectives and has conferred considerable agency discretion about how to accomplish that task. Plaintiffs’ assertion that “meaningful standards in statute and

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<sup>12</sup> For the same reasons, Plaintiffs are not likely to succeed on the merits of their APA Claims.



regulation cabin agency discretion here,” ECF No. 41 at 22 (cleaned up), cannot overcome the discretion conferred by Congress. Congress granted NIH broad discretion when awarding grants and provided no “circumscribing [the] agency’s power to discriminate among issues or cases it will pursue.” *Holbrook v. Tennessee Valley Auth.*, 48 F.4th 282, 293 (4th Cir. 2022) (quoting *Heckler v. Chaney*, 470 U.S. 821, 833 (1985)). Unlike the constraints placed on the Secretary of Commerce in the Census Act at issue in *Dep’t of Commerce v. New York*, 588 U.S. 752 (2019), Congress has not dictated the “form and content” by which NIH must accomplish its statutory objectives. *See, e.g.*, 42 U.S.C. §§ 241(a)(3) (“[T]he [HHS] Secretary is **authorized** to make grants-in-aid”) (emphasis added); 282(b)(11)(B)(“[T]he [HHS] Secretary, acting through the Director of NIH . . . **may** conduct and support research training”) (emphasis added); 284(b)(1)(D) (Director each research institute “**may** conduct and support research training”) (emphasis added); 284(b)(2) (“Support for an activity or program under this subsection **may** be provided through grants, contracts, and cooperative agreements.”) (emphasis added); 284(b)(2)(A)–(B) (providing that the agency “**may** enter into a contract for research” and “**may** make grants and cooperative agreements . . . for research [and] training”) (emphasis added).

NIH is not statutorily required to enter into *any* grant agreements. The Secretary of HHS, acting through the Director of NIH, is authorized to “conduct[] priority-setting reviews to ensure that the research portfolio of the National Institutes of Health is balanced and free of unnecessary duplication.” 42 U.S.C. § 282(b)(3). As in *Lincoln*, Congress gave NIH “the capacity to adapt to changing circumstances and meet its statutory responsibilities in what it sees as the most effective or desirable way,” 508 U.S. at 192. NIH’s discretionary spending decisions are thus unreviewable by this Court.

## 6. The organizational Plaintiffs Do Not Have Standing

To establish Article III standing, a plaintiff must demonstrate that it (1) suffered an injury in fact; (2) that is fairly traceable to the challenged conduct of the defendant, and (3) that is likely to be redressed by a favorable judicial decision. *See Lujan*, 504 U.S. at 560-61. Each element of standing “must be supported in the same way as any other matter on which the plaintiff bears the burden of proof, i.e., with the manner and degree of evidence required at the successive stages of litigation.” *Dubois v. U.S. Dep’t of Agriculture*, 102 F.3d 1273, 1281-82 (1st Cir. 1996). Each plaintiff must demonstrate its own Article III standing, as “Article III does not give federal courts the power to order relief to any uninjured plaintiff, class action or not.” *Tyson Foods, Inc. v. Bouaphakeo*, 577 U.S. 442, 466 (2016). And each plaintiff must also maintain its personal interest in the dispute at all stages of litigation. *See Davis v. Federal Election Comm’n*, 554 U.S. 724, 733 (2008). Finally, each plaintiff must demonstrate standing for each claim that it presses against each defendant, and for each form of relief that it seeks. *Murthy v. Missouri*, 603 U.S. 43, 61 (2024) (quoting *TransUnion v. Ramirez*, 594 U.S. 413, 431 (2021)).

The organizational Plaintiffs in this case—APHA and UAW—rely on “associational standing.” Under that theory, an association has standing to bring suit on behalf of its members when “(a) its members would otherwise have standing to sue in their own right; (b) the interests it seeks to protect are germane to the organization’s purpose; and (c) neither the claims asserted nor the relief requested requires the participation of individual members in the lawsuit.” *Hunt v. Wash. State Apple Advert. Comm’n*, 432 U.S. 333, 343 (1977). As shown by the sheer number of declarations submitted by the organizational Plaintiffs’ members in an attempt to show irreparable harm, Plaintiffs fail the third requirement: Individual members must participate to show entitlement to injunctive relief—particularly if this Court follows the proper practice of limiting any injunction to those that have shown that the Directives will cause them irreparable harm. *See*

*infra* at Argument § 5(D). Moreover, nothing in Plaintiffs’ Complaint (ECF No. 1) or in their PI motion establish that the interests that organizational Plaintiffs seeks to protect are germane to their purpose. *See id.*<sup>13</sup>

More fundamentally, the theory of associational standing improperly “relaxes both the injury and redressability requirements for Article III standing” by allowing the association to assert and obtain relief for someone else’s injury (even in the absence of an injury of its own); “subverts the class action mechanism”; and creates the “possibility of asymmetrical preclusion,” where the members might not be bound by the association’s loss in litigation. *See FDA v. Alliance for Hippocratic Medicine*, 602 U.S. 367, 399-403 (2024) (Thomas, J., concurring). Thus, while Defendants acknowledge that the Supreme Court has recognized the theory of associational standing, they preserve their challenge to the theory of associational standing for further review.

**B. Plaintiffs are unlikely to succeed on the merits.**

**1. Plaintiffs’ 706(2) claims fail because NIH followed the law and provided sufficient reasons when it terminated the grants.**

a. The terminations complied with the terms of the agreements and the regulations.

Although framing it as a challenge to Defendants’ “statutory jurisdiction, authority, or limitations,” the crux of Plaintiffs’ argument is that the agency’s reasons for grant termination violates the grant agreement’s terms and HHS regulations. *See* ECF No. 41 at 26-29. Not so. Plaintiffs ignore that the contract terms that they and their members agreed to allow Defendants to terminate grants if the “award no longer effectuates the program goals or agency priorities.” 2

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<sup>13</sup> This is particularly so with respect to the UAW, a labor union aimed at improving working conditions for its members. *See* Article 2, Objects, “Constitution of the International Union, United Automobile, Aerospace and Agricultural Implement Workers of America, UAW,” available at <https://uaw.org/wp-content/uploads/2024/06/Updated-2022-Constitution-6-7-24-1.pdf> (last accessed, May 8, 2025)

C.F.R. § 200.340. The Notice of Award for each grant explains that it “is subject to the terms and conditions incorporated either directly or by reference in the . . . NIH Grants Policy Statement.” *See, e.g.*, ECF No. 38-19 at 20 § III(d). Section 8.5.2 of the NIHGPS explicitly states that “NIH may also terminate the grant in whole or in part as outlined in 2 CFR Part 200.340.” NIHGPS at IIA-155 (2024). That regulation allows the agency to terminate an award in whole or in part “if an award no longer effectuates the program goals or agency priorities.” 2 C.F.R. § 200.340(a)(4).

Plaintiffs’ argument that section 200.340 is only “guidance” instead of an HHS regulation ignores that the provision was expressly *incorporated into the grant agreement*. This is entirely consistent with the regulations. Section 75.372(a) lists four grounds upon which an award “may” be terminated. It does not say that an award may be terminated “only” or “exclusively” on those grounds. *See* 45 C.F.R. § 75.372(a); *see Carlson v. United States*, 837 F.3d 753, 765 (7th Cir. 2016) (holding that an enumerated list of exceptions in the rules was not exclusive because the rule “uses the word ‘may,’ which ‘usually implies some degree of discretion.’”) (quoting *United States v. Rodgers*, 461 U.S. 677, 706 (1983)). The fact that 2 C.F.R. § 200.340 is not yet adopted by HHS does not prevent the parties to a grant agreement from contracting to additional terms.<sup>14</sup>

Plaintiffs also misread section 8.5.2 of the NIHGPS when they contend that it authorizes terminating a grant only if a recipient has failed to comply with the award’s terms and conditions.

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<sup>14</sup> In fact, it was two professional university associations that encouraged NIH to adopt OMB’s 2020 revisions to 2 C.F.R. § 200 to align with other research agencies in an effort to reduce administrative burden on entities. OMB added § 200.340(a)(4) in 2020 to strengthen the ability of the Federal awarding agency to terminate Federal awards without breaching them, to the greatest extent authorized by law, when the Federal award no longer effectuates the program goals or Federal awarding agency priorities. 85 Fed. Reg. 49506-01, 49507 (Aug 13, 2020). After OMB issued revisions to 2 C.F.R. § 200 in 2020, the two professional university associations asked NIH to adopt the 2020 revisions to align with other research agencies. NIH did just that by incorporating part 200, including § 200.340 specifically, into the NIHGPS, which is itself incorporated into every NIH grant. *Id.*

ECF No. 41 at 28. The plain language of the policy says otherwise. The first sentence of section 8.5.2 states that “NIH may take one or more enforcement actions . . . [i]f a recipient has failed to comply with the terms and conditions of award.” NIHGPS at IIA-155 (2024). The next sentence states that “NIH may *also* terminate the grant in whole or in part as outlined in 2 CFR Part 200.340.” *Id.* (emphasis added). The Plaintiffs’ argument that the citation to 2 C.F.R. § 200.340 is only triggered by, or somehow modifies, the first sentence of section 8.5.2 is inconsistent with a plain meaning of the word “also.”

Here, consistent with the terms and conditions of the grants, NIH terminated a small subset of grants that no longer effectuates agency priorities. NIH issued termination notices that provided its causes for termination, including the change in agency priorities and grant-specific causes for termination. *See, e.g.*, ECF No. 38-33 at 56 (identifying why this specific grant “no longer effectuates agency priorities,” does “not enhance health, lengthen life, or reduce illness,” and may “support unlawful discrimination.”) Thus, these terminations were terminated pursuant to the grants’ own terms.

b. The grant terminations were adequately reasoned.

Even if the grant terminations were reviewable under the APA, which they should not be, they would be sustained under the APA standard. The scope of review under the “arbitrary and capricious” standard, 5 U.S.C. § 706(2)(A), is “narrow and a court is not to substitute its judgment for that of the agency.” *Motor Vehicle Mfrs. Ass’n v. State Farm Mut. Auto. Ins. Co.*, 463 U.S. 29, 43 (1983). Rather, the standard “deems the agency action presumptively valid provided the action meets a minimum rationality standard.” *Sierra Club v. EPA*, 353 F.3d 976, 978 (D.C. Cir. 2004) (citation omitted). As a result, a court must “uphold a decision of less than ideal clarity if the agency’s path may reasonably be discerned.” *FCC v. Fox Television Stations, Inc.*, 556 U.S. 502, 513-14 (2009) (quotation marks and citation omitted). The terminations clear these hurdles.

In terminating individual grants, NIH did more than simply state that the grants “no longer effectuate [] agency priorities.” Rather, NIH provided the reasons for its terminations, the authority under which it was terminating those grants, and the grantee’s appeal rights. The fact that the reason for those terminations applied to multiple grants does not make that reason any less salient. Where that reason was a change in agency priorities, a change in administration “is a perfectly reasonable basis for an executive agency’s reappraisal of the costs and benefits of its programs,” *Motor Vehicle Mfrs. Ass’n*, 463 U.S. at 59 (Rehnquist, J., concurring in part, dissenting in part). “As long as the agency remains within the bounds established by Congress, it is entitled to assess administrative records and evaluate priorities in light of the philosophy of the administration.” *Id.* Plaintiffs’ critique of and disagreement with the stated rationale misses the point. The notices properly stated the reasons for termination and the only available remedy is remand back to NIH for follow up, not an injunction requiring specific performance.

Plaintiffs’ contention that the terminations “cite no project-specific information or data to explain why each project no longer ‘effectuates agency priorities,’” ECF No. 41 at 23, ignores the specific reasoning spelled out in each and every termination letter. *See, e.g.*, ECF Nos. 38-20 at 50, 38-24 at 37, 38-28 at 146, 38-32 at 34; 38-33 at 56. Although Plaintiffs’ may disagree with the agency’s new priorities, the agency “need not demonstrate . . . that the reasons for the new policy are *better* than the reasons for the old one; it suffices that the new policy is permissible . . . , that there is good reasons for it, and that the agency *believes* it to be better.” *Fox Television*, 566 U.S. at 515. The reasoning provided in each grant termination adequately displayed awareness that the agency was changing position by noting that the terminated grant award “*no longer* effectuates agency priorities,” provided a grant-specific basis for why that termination did not advance the

agency's priorities and explained why it was no longer NIH's policy to prioritize that research program.<sup>15</sup> This is all that is required under the APA. *See id.*

Plaintiffs' reliance-interest argument fails for two different reasons. First, Plaintiffs and their members have no legally protectible reliance interests in grants that they have not yet been awarded. *See Nat'l Org. of Veterans' Advocs., Inc. v. Sec'y of Veterans Affs.*, 927 F.3d 1263, 1269 n.4 (Fed. Cir. 2019) (holding amendment to Veterans Affairs' regulations "[did] not defeat veterans' reliance interests" because the amendment "applied only prospectively"). And even as to now-terminated grants, Plaintiffs' invocation of reliance interests is unavailing because NIH necessarily understood and considered that it was terminating funding on which the grantee relied to conduct research when it terminated the grant for that research. Plaintiffs may not like the agency's conclusion that Plaintiffs' and their members' interests were outweighed by the agency's responsibilities and priorities, but Plaintiffs cannot substitute their judgment for the agency's. *See Am. Petro. Inst. v. U.S. Dep't of Interior*, 81 F.4th 1048, 1066 (10th Cir. 2023) ("Though an agency must adequately consider any 'legitimate reliance' on an existing policy, such reliance is not 'necessarily dispositive' to the agency's decision"; "an agency may conclude, for instance, that reliance interests were 'entitled to no or diminished weight' or outweighed by 'other interests and policy concerns'" (quoting *U.S. Dep't of Homeland Sec. v. Regents of the Univ. of Cal.*, 591 U.S. 1, 32 (2020))); *Calixto v. Walsh*, No. 19-1853, 2022 WL 4446383, at \*16 (D.D.C. Sep. 23, 2022) ("Even if the agency considers the reliance interests to be serious, it my nonetheless determine that

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<sup>15</sup> Plaintiffs rely on totem-pole hearsay to suggest that an employee of the Department of Government Efficiency ("DOGE") directed the agency's changed priorities and authored the termination letters. *See* ECF No. 41 (citing ECF No. 38-17 at 2). Each letter, however, is signed by an NIH official, and Plaintiffs' own exhibits demonstrate that the agency's priorities are designed to align with a democratically elected administration. *See* ECF No. 38-10 through ECF No. 38-14.

other interests and policy concerns outweigh any reliance interests.”) (cleaned up). Where NIH decided to terminate a grant that was funding research, Plaintiffs’ or their members’ reliance on that research funding cannot compel NIH to maintain the grant.

c. The grant terminations were consistent with the relevant statutes.

Statutes do not prevent HHS from exercising its discretion to identify agency priorities and terminate grants that do not effectuate those priorities. Plaintiffs argue that the termination of grants is contrary to various statutes that direct HHS or NIH to support research into certain minority-related topics. ECF No. 41 at 18-21, 25-26. Plaintiffs also argue that deciding DEI projects are not an agency priority is contrary to a statute providing for the establishment of a strategic plan every six years. *Id.* at 25-26. Both arguments fail.<sup>16</sup>

First, Plaintiffs wrongly presume that their terminated grants are the *only* research grants on these topics. On the contrary, entirely consistent with the statutes directing HHS and NIH to support research into certain minority-related topics, *see* 42 U.S.C. §§ 282(h), 283p, 285a-6, 285b-7a(c)(1), 285t(a), NIH is continuing at least 25 research grants on these topics. Lorsch Decl. ¶ 15 & Ex. A (listing minority-related grants that were preserved).<sup>17</sup> NIH exercised its discretion to terminate DEI grants that it determined did not promote health, while preserving grants into health disparities. Similarly, NIH maintained over 5,170 Kirschstein-NRSA grants, consistent with their obligations under 42 U.S.C. § 288(a)(4), *see* Lorsch Decl. ¶ 34 & Ex. B (active NRSA grants), which “support the training and development of a diverse corp of health science researchers.” *See*

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<sup>16</sup> Plaintiffs make a third statutory argument related to appropriations, which is addressed in section II.C., *supra*. In short, NIH has continued to issue awards and intends to reallocate the appropriated funds to grants that align with the agency’s priorities.

<sup>17</sup> Those grants are publicly available <https://reporter.nih.gov/search/s2chZVOP-0Wi9TkGeyYICA/project-details/11124106>



ECF No. 38-27 at ¶ 18. Amongst these active NSRA grants are “Developing a Diverse Next Generation of Leaders in Respiratory Science,” “Research on Eating and Activity for Community Health (REACH): An Applied Epidemiology Training Program to Improve Weight-Related Health in Youth and Families from Diverse Communities,” “Diverse Predoctoral Training in Genetics,” and “Diverse & Equitable Student Inclusion in Research for future VETerinarians (DESIRE-Vet).” *See* Lorsch. Decl. Ex. B. And, as Plaintiffs also acknowledge, NIH continues to issue Notice of Funding Opportunities for some of the NRSA programs that Plaintiffs contend were terminated (T32, T35, F32),<sup>18</sup> and is in the process of reissuing Notice of Funding Opportunities for additional NRSA programs. Lorsch Decl. ¶ 33.

Defendants’ action is not only consistent with the statutes that Plaintiffs cite, which do not require NIH to approve and preserve every grant or proposal that in any way relates to minorities, but furthers the statutes’ aims. NIH is supporting research on minority-related projects and the recruitment of researchers from disadvantaged backgrounds. The statutes permit NIH discretion to decide which grants among these categories are worthy of approving and renewing to effectuate those goals.

Second, NIH has fully complied with the statutory directive to develop a Strategic Plan. Section 282(m)(1) directs NIH to develop a “National Institutes of Health Strategic Plan” every six years. 42 U.S.C. § 282(m)(1). NIH has done precisely that, and most recently published a Strategic Plan in compliance with the statute in 2021. NAT’L INSTS. OF HEALTH, NIH-WIDE STRATEGIC PLAN (2021). But such plans are aspirational. Nothing in the statute suggests that Congress intended the Strategic Plan to be a six-year straight jacket that prevents NIH from shifting priorities in the interim.

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<sup>18</sup> <https://grants.nih.gov/funding/nih-guide-for-grants-and-contracts/parent-announcements>

## **2. Plaintiffs' due process challenge (Count IV) fails at the threshold and on the merits**

To begin with, the void-for-vagueness doctrine “guarantees that ordinary people have ‘fair notice’ of the conduct a *statute* proscribes.” *Sessions v. Dimaya*, 584 U.S. 148, 155-56 (2018) (plurality) (emphasis added). Although courts have applied this doctrine outside of the statutory context, they have done so only with respect to regulations of primary conduct. *See, e.g., FCC v. Fox Television Stations, Inc.*, 567 U.S. 239, 253 (2012) (“A fundamental principal in our legal system is that laws *which regulate persons or entities* must give fair notice of conduct that is forbidden or required.”) (emphasis added) (citations omitted). There is good reason for the doctrine’s limited reach. The Due Process Clause prohibits uneven enforcement, and ensures notice, of requirements with which the public must comply. *Grayned v. City of Rockford*, 408 U.S. 104, 108 (1972). But here, the Directives do not regulate conduct but instead direct the agency to conduct a review, after which the agency will make decisions about what agreements it chooses to fund or terminate. The directions neither require nor prohibit any actions from grantees.

Plaintiffs’ challenge suffers from yet another threshold flaw: it is facial in nature. The appropriate posture for Due Process vagueness challenges is as-applied. That is because “[o]bjections to vagueness under the Due Process Clause rest on the lack of notice, and hence may be overcome in any specific case where reasonable persons would know that their conduct is at risk.” *Maynard v. Cartwright*, 486 U.S. 356, 361 (1988); *see also Carman*, 112 F.4th at 402 (noting that plaintiffs were unable to identify “a case when a preenforcement-facial-vagueness challenge was ripe, presumably because such cases benefit from factual development and applications of statutory provisions to particular scenarios”). Plaintiffs’ facial challenge to an agency’s Directives to its employees demands a stunning expansion of the doctrine. *See Nat’l Urban League v. Trump*, \_\_ F. Supp. 3d \_\_, 2025 WL 1275613, at \*15 & n.8 (D.D.C. May 2,

2025) (noting inappropriate nature of facial challenges to agency directives). Plaintiffs’ theory also raises serious separation-of-powers concerns by allowing courts to engage in searching judicial review of all agency policy directives, which by their nature, often necessarily outline policy initiatives and priorities in broad terms.

Plaintiffs’ claim also fails on the merits. *First*, Plaintiffs fail to establish that they have either a liberty or property purported contracts/grants that is protected by the Due Process Clause. While the Supreme Court has identified a narrow set of government benefits protected under the Due Process Clause, it has not extended this protection to “‘ordinary’ or ‘routine’ government contracts.” *Gizzo v. Ben-Habib*, 44 F. Supp. 3d 374, 385 (S.D.N.Y. 2014); *see also Redondo-Borges v. U.S. Dep’t of Hous. & Urb. Dev.*, 421 F.3d 1, 10 (1st Cir. 2005) (“We have held with a regularity bordering on the echolalic that a simple breach of contract does not amount to an unconstitutional deprivation of property.”); *see also Nat’l Urban League*, 2025 WL 1275613, at \*18 (“Plaintiffs offer no reason to think their contracts and grants . . . are different from the millions of government contracts in effect at any point in time to which courts seldom apply due-process principles.”) (cleaned up).

*Second*, Plaintiffs improperly invoke the vagueness standard that pertains to government enforcement actions. But, in *Nat’l Endowment for the Arts v. Finley*, the Supreme Court rejected the application of that demanding vagueness standard in the context of government funding decisions. *See* 524 U.S. 569, 588-89 (1998) (“The terms of the provision are undeniably opaque, and if they appeared in a criminal statute or regulatory scheme, they could raise substantial vagueness concerns. . . . But when the Government is acting as patron rather than as sovereign, the consequences of imprecision are not constitutionally severe.”). 524 U.S. 569 *Id.* at 589; *see also id.* (cautioning that “[t]o accept [plaintiffs’] vagueness argument would be to call into question the constitutionality of . . . valuable Government programs and countless others like them” that

“award[] scholarships and grants on the basis of subjective criteria such as ‘excellence’”); *Nat’l Urban League*, 2025 WL 1275613, at \*18-\*19 (refusing to apply more demanding vagueness standards to government funding directives).

**3. Plaintiffs’ “delay” claims under § 706(1) are unlikely to succeed because plaintiffs have not identified a discrete and mandatory agency action that the agency failed to take.**

Plaintiffs’ claim to compel action on pending applications cannot succeed because APA section 706(1) does not permit broad challenges to program management, plaintiffs identify no discrete and mandatory agency action that the agency failed to take, and in any event the agency is taking the very actions that plaintiffs seek to compel. “[I]n an APA challenge to federal agency inaction it must be shown that [the agency] ‘failed to take a discrete agency action that it is required to take.’” *Scarborough Citizens Protecting Res. v. U.S. Fish & Wildlife Serv.*, 674 F.3d 97, 99 (1st Cir. 2012) (quoting *Norton v. S. Utah Wilderness All.*, 542 U.S. 55, 64 (2004)). Plaintiffs’ effort to compel the agency to comply with prior “norms” fails because—as explained above—the Supreme Court prohibits programmatic delay claims like the ones asserted here. *See Norton*, 542 U.S. at 64; *Lujan v. Nat’l Wildlife Fed’n*, 497 U.S. 871, 893 (1990).

Plaintiffs cite four statutory or regulatory provisions, but their reliance is both insufficient and factually wrong. Each provision they cite is not discrete, not mandatory, and not an action that the agency has failed to take. Indeed, plaintiffs’ flawed contention on delay relies on a brief pause that NIH took on processes following the change in administrations. But that pause is over: NIH has resumed reviewing and deciding applications and holding the meetings that plaintiffs presently seek to compel.

- a. Plaintiffs have not identified a discrete and mandatory agency action that the agency failed to take.

Plaintiffs’ “delay” claim is not justiciable under the APA because they have not shown the agency failed to take a discrete and mandatory agency action that it was required to take. Plaintiffs assert that NIH was required to (1) hold study section meetings, (2) hold advisory council meetings, and (3) issue final decision on grant applications. Plaintiffs’ first two targets—holding meetings—are not discrete “agency actions” that can be compelled under the APA. The third is neither discrete nor mandatory under the regulations.

Holding meetings is part of the NIH’s “common business of managing government programs,” and is not itself a discrete agency action that can be compelled. *See Funds for Animals, Inc. v. U.S. Bureau of Land Mgmt.*, 460 F.3d 13, 19-20 (D.C. Cir. 2006) (“Much of what an agency does is in anticipation of agency action.”). As the Supreme Court explained in *Norton*, a failure to act under § 706(1) is “properly understood as a failure to take an agency action—that is, a failure to take one of the agency actions (including their equivalents) earlier defined in § 551(13).” 542 U.S. at 62. That earlier APA section, 5 U.S.C. § 551(13), defines “agency action” as “the whole or a part of an agency rule, order, license, sanction, relief, or the equivalent or denial thereof, or failure to act.” Holding meetings—even meetings established by statute—fall well outside this definition. “The prospect of pervasive oversight by federal courts over the manner and pace of agency compliance with such congressional directives is not contemplated by the APA.” *Norton*, 542 U.S. at 67. Thus, the APA does not allow the Court to compel the pace of NIH’s meetings.

Notwithstanding use of the word “shall,” the agency retains the discretion to “defer” deciding on any grant application. *See* 42 C.F.R. § 52.5(b). No statute or regulation mandates a decision, and thus plaintiffs cannot compel such a decision on their desired timeline. And NIH’s discretion to make such a decision is not reviewable by the Court. Similarly, because the regulation

maintains the agency’s option to defer a decision, it does not require an action that is “discrete.” In any event, NIH resumed both peer review and advisory council meetings before plaintiffs sued, has been evaluating grant applications at a rapid pace, and has caught up with their application review after the pause when compared to prior years. Lorsch Decl. ¶¶ 22, 24-27.

b. NIH is already holding the meetings that Plaintiffs seek to compel.

Because NIH has been conducting all necessary steps in the review and disposition of grant applications, Plaintiffs cannot obtain an order requiring NIH to resume those steps (or any of the variations of the same in their Proposed Order, *see* ECF No. 37-1). Defendants resumed holding meetings and taking all procedural steps needed to issue awards even before plaintiffs sued. Lorsch Decl. ¶ 22. NIH canceled previously scheduled meetings and did not schedule new meetings based on the January 21, 2025, temporary freeze, but resumed holding all meetings by March 18, 2025. *See supra* nn.4, 5; *see also* Lorsch Decl. ¶¶ 22, 24. By the time plaintiffs filed suit, there was not, and is not currently, any active policy preventing NIH from scheduling peer reviews. Lorsch Decl. ¶ 22. Since the pause expired, NIH has or will manage over 300 peer reviews, more than either of the last two years, *see supra* n.4, and is on track to hold at least the three advisory council meetings this fiscal year required by 42 U.S.C. § 284a(e), *see supra* n.5; Lorsch Decl. ¶¶ 24-26.

Moreover, short pauses as part of changes in administration are reasonable and do not warrant an injunction. *See, e.g., Alaska Indus. Dev. & Exp. Auth. v. Biden*, 685 F. Supp. 3d 813, 858 (D. Alaska 2023). A short pause of a few weeks during an administration transition hardly constitutes an “unreasonable delay,” particularly in the absence of any regulation mandating an immediate decision on any particular grant application. Certainly, there is no basis to enjoin a short pause after it has ended. *Am. Ass’n of Retired Persons v. E.E.O.C.*, 823 F.2d 600, 604-05 (D.C. Cir. 1987) (finding 706(1) claim moot once the agency took the ostensibly unreasonably delayed

action). Plaintiffs' failure to file suit *during* this pause, and to instead wait until any pause has terminated, provides further proof that this short pause was reasonable.

Enjoining differences in program management as "unreasonable" based on a short snapshot is precisely what the Supreme Court prohibits: "The prospect of pervasive oversight by federal courts over the manner and pace of agency compliance with [broad statutory mandates] is not contemplated by the APA." *Norton*, 542 U.S. at 55.

#### **4. The Amended Complaint asserts no viable separation of powers claim.**

Plaintiffs' separation-of-powers argument fails for additional independent reasons. *First*, the Executive has both express and implied authority to terminate individual grants. *Second*, plaintiffs' separation-of-powers argument fundamentally misrepresents the impact of the grant terminations and delayed and cancelled meetings.

Congress explicitly authorized NIH to take the challenged actions. "[W]hen the President acts pursuant to an express or implied authorization of Congress, his authority is at its maximum, for it includes all that he possesses in his own right plus all that Congress can delegate." *Zivotofsky ex rel. Zivotofsky v. Kerry*, 576 U.S. 1, 10 (2015). Congress specifically charges the Secretary of HHS, through the Director of NIH, with responsibility "for the overall direction of the National Institutes of Health and for the establishment and implementation of general policies respecting the management and operation of programs and activities within the National Institutes of Health." 42 U.S.C. § 282(b)(1). The Director of NIH also "shall, in consultation with the heads of the national research institutes and national centers, be responsible for program coordination across the national research institutes and national centers, including conducting priority-setting reviews, to ensure that the research portfolio of the National Institutes of Health is balanced." 42 U.S.C. § 282(b)(3). Taken together these two provisions explicitly authorize the Director of NIH to wield significant discretion in setting NIH's priorities, scheduling meetings, and terminating grants.

The Executive also has implicit authority to terminate grants because Congress authorized NIH to make grant awards and left the design, implementation, and administration of those grants to NIH's discretion, *see* 42 U.S. Code § 241(a)(3). Indeed, the appropriation for each institute of NIH is breathtakingly capacious. *See, e.g.,* H.R. 2882, 118th Cong. (2024) (appropriating funds to the National Cancer Institute “[f]or carrying out section 301 and title IV of the PHS Act.”). Congress knows how to write laws that constrain Executive Branch discretion, including laws that mandate inclusion of terms in agency contracts. *Am. Tel. and Tel. Co. v. United States*, 124 F.3d 1471, 1478 (Fed. Cir. 1997), *aff’d*, 307 F.3d 1374 (Fed. Cir. 2002). Congress did not do so here. *See Brendsel v. Off. of Fed. Hous. Enter. Oversight*, 339 F. Supp. 2d 52, 65 (D.D.C. 2004) (Congress’ “silence is controlling”). Because Congress empowered the NIH to administer grants and did not cabin its discretion to terminate grants, no separation of powers concern exists.

Furthermore, as previously noted NIH is working diligently to reschedule all cancelled meetings after a brief pause to allow the new administration to get its bearings. *See supra* nn. 4, 5; Lorsch Decl. ¶¶ 24-27. Since March 4, NIH has published over 150 notices of scheduled meetings in the Federal Register and will have completed 100% of its Cycle III peer review meetings by the end of May 2025. *See supra* nn. 4, 5; Lorsch Decl. ¶¶ 24, 25. And it has scheduled 245 more meetings from March 24 to May 31 than it did in the previous year. *See* Lorsch Decl. ¶ 24. Far from subverting Congress’ intent by holding back appropriated funding, NIH is working overtime to boost the grant approval process. By the end of May 2025, NIH will have reviewed 100% of all applications impacted by the pause. *Id.* ¶ 25.

Finally, Plaintiffs would like the Court to believe that all Congressionally mandated Kirschstein-NRSA grants were terminated. This is factually incorrect. NIH continues to fund more than 5,170 of these grants, which satisfies any requirements of 42 U.S.C. § 288(a)(4). Lorsch Dec. ¶¶ 34 & Ex. B. NIH continues to publish Notice of Funding Opportunities for, and award, NRSA



grants, and is in the process of reissuing Notice of Funding Opportunities for additional NRSA programs. *Id.* ¶¶ 31-34 & Ex. B. Similarly, NIH continues to fund research that fulfills its obligation to address health disparities, consistent with its agency discretion to discern how best to do so. *See id.* ¶ 15 & Ex. A.

**C. Plaintiffs’ Alleged Harms are Not Certain, Imminent, and Irreparable.**

**1. Plaintiffs’ alleged harm is not irreparable**

Plaintiffs have shown that they or their members will suffer irreparable harm in the absence of a preliminary injunction. *See EEOC v. Astra USA, Inc.*, 94 F.3d 738, 743 (1st Cir. 1996). In considering whether plaintiffs have met their “exceedingly high burden,” the Court should not consider plaintiffs in the collective. Instead, each Plaintiff, as well as each grantee—must on its own, make a clear showing of irreparable harm. *See, e.g., Adams v. Freedom Forge Corp.*, 204 F.3d 475, 485-86 (3d Cir. 2000) (partially vacating a preliminary injunction because “[i]nstead of making a case-by-case determination that each plaintiff demonstrated irreparable harm . . . , the court dealt with the plaintiffs as a unit and concluded that because several of them probably risked irreparable harm, that was sufficient to satisfy the prong of the preliminary injunction test.”). Plaintiffs’ (and their members) circumstances vary significantly, and no relief may be ordered unless each Plaintiff meets this burden. *See Tamko Roofing Prods., Inc. v. Ideal Roofing Co.*, 282 F.3d 23, 40 (1st Cir. 2002).

Variation exists not just on a Plaintiff-by-Plaintiff and grant-by-grant basis. Plaintiffs have not identified all specific grant terminations they ask this Court to reverse. Despite identifying some allegedly impacted grants in their declarations, Plaintiffs do not identify the universe of grant terminations they are challenging. This ambiguity alone disfavors any preliminary injunctive relief when many of the terminations fall far short of meeting the standard for irreparable harm.

Plaintiffs also fail to establish irreparable harm as to the grant terminations and delays for three additional reasons. *First*, plaintiffs’ primary claimed injury is the delayed payment of money—a standard part of litigation and quintessential example of what never counts as irreparable injury. *Sampson v. Murray*, 415 U.S. 61, 90 (1974) (“temporary loss of income, ultimately to be recovered, does not usually constitute irreparable injury.”). In terminating plaintiffs’ grants, NIH has not prohibited or made it unlawful for plaintiffs to carry out their work; NIH has just used its lawful discretion not to fund that work. *See e.g., Faculty Senate of Fla. Int’l Univ. v. Winn*, 477 F. Supp. 2d 1198, 1208 (S.D. Fla. 2007) (“There is no irreparable harm here because the plaintiffs can fund the desired travel themselves and then, if they prevail in this suit, obtain reimbursement. In other words, the harm is financial.”). As Plaintiffs note, Plaintiffs may secure alternative sources of funding to continue their research.

*Second*, a plaintiff seeking preliminary relief must demonstrate that irreparable injury is *likely* absent an injunction. *See Charlesbank Equity Fund II v. Blinds To Go, Inc.*, 370 F.3d 151, 162 (1st Cir. 2004); *see also Winter*, 555 U.S. at 22 (issuing a preliminary injunction “based only on a possibility of irreparable harm” would be “inconsistent” with treating a preliminary injunction as an “extraordinary remedy”). Here, Plaintiffs’ declarations are rife with speculative language that is patently insufficient to support a finding of irreparable harm. *See, e.g.*, ECF Nos. 38-19 ¶ 53 (describing breach of trust with research participants); ECF No. 38-20 ¶ 42 (describing stress level); ECF No. 38-21 ¶ 22 (“I have potentially lost out on the ability to pursue a career path”); ECF No. 38-30 ¶ 27 (noting that grant termination “may” cause study participants’ future avoidance of healthcare”); ECF No. 38-31 ¶¶ 28 (describing inability to serve as a mentor to future scientists); 30 (noting that two advisory board members may need to turn to other work); ECF No. 41 at 36 (broadly contending that “the public will miss out on an opportunity to benefit from the research). Mere possibility, not likelihood, cannot support injunctive relief. *See Narragansett*

*Indian Tribe v. Guilbert*, 934 F.2d 4, 6–7 (1st Cir. 1991) (“[I]rreparable harm is not assumed; it must be demonstrated”) (citation omitted).

Unsurprisingly, Plaintiffs make no argument concerning any irreparable harm from the alleged delay claims. *See* ECF No. 33-37. at 37-38. A party that cannot show irreparable harm arising from the delayed payment of funds with respect to current grants cannot show irreparable harm based on grants that do not yet exist.

Plaintiffs’ Motion should be denied in full because they have not shown irreparable harm.

**D. An Injunction Would be Contrary to the Public Interest.**

The balance of equities and public interest weigh against granting a preliminary injunction. The government has a strong interest in safeguarding the public fisc. *See Mathews v. Eldridge*, 424 U.S. 319, 348 (1976). NIH is unlikely to recover funds after the grantees spend them. *See California*, 145 S. Ct. at 969. The loss of likely unrecoverable funds is a classic injury to the government that should preclude preliminary relief. *See Heckler v. Turner*, 468 U.S. 1305, 1307-1308 (1984) (Rehnquist, J.).

**E. Any Injunction should be Narrowly Tailored.**

Should the Court conclude that an injunction is required, which it should not do, the “[i]njunctive relief should be no more burdensome to the defendant[s] than necessary to provide complete relief to plaintiffs[.]” *Tamko Roofing Prods*, 282 F.3d at 40 (quoting *Califano v. Yamasaki*, 442 U.S. 682, 702 (1979)). Court must “closely tailor injunctions to the harm that they address.” *Id.*

Here, at most, any remedy should address only sufficiently and specifically proven irreparable harms by the Plaintiffs. Anything beyond that, including the nationwide injunction that Plaintiffs seek, violates Article III, stretch traditional principles of equity past the breaking point, and “take a toll on the federal court system—preventing legal questions from percolating through

the federal courts, encouraging forum shopping, and making every case a national emergency for the courts and for the Executive Branch.” *Trump v. Hawaii*, 585 U.S. 667, 713 (2018) (Thomas, J., concurring); *see also Free Speech Coal., Inc. v. Att’y Gen. United States*, 974 F.3d 408, 431 (3d Cir. 2020) (vacating nationwide injunction and remanding for entry of relief limited to successful as-applied plaintiffs). That two of the plaintiffs are membership associations does not warrant extending injunctive relief to every member of that association or beyond. Nor does irreparable harm resulting from one grant termination warrant a preliminary injunction for all other terminations. Moreover, given that many of the declarations only discuss harms insufficient to justify a preliminary injunction,<sup>19</sup> this Court should tailor any injunction to the irreparable harms proven (and the grantees that proved it).

**F. The Court Should Stay Any Order for Preliminary Relief and Order That Plaintiffs Post Bond.**

Based on the arguments in this Opposition, and due to the extraordinary breadth of the relief sought in Plaintiffs’ motion, the United States respectfully requests that the Court stay any preliminary injunction pending the disposition of any authorized appeal. At a minimum, the Court should administratively stay any order, should the court decide to issue an injunction, for seven days should the court decide to allow an opportunity to seek an emergency, expedited stay.

Moreover, if the Court decides to grant preliminary injunctive relief, the Court should order plaintiffs to post a bond equal to the amounts of any disbursements on previously terminated grants during the pendency of this litigation. Under Federal Rule of Civil Procedure 65(c), the Court may issue a preliminary injunction “only if the movant gives security” for “costs and damages

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<sup>19</sup> *See* Doc Nos. 77-13 ¶ 5; 77-14 ¶ 64; 77-15 ¶¶ 40-45; 77-16 ¶¶ 35-37; 77-17 ¶¶ 36-39; 77-18 ¶ 45, 51; 77-20 ¶ 51-54; 77- 22 ¶¶ 34-35; 77-24 ¶¶ 51-54; 77-25 ¶ 22; 77-26 ¶ 21; 77-27 ¶¶ 50, 51; 77-28 ¶¶ 1-5; 77-29 ¶¶ 32, 37; 77-30 ¶¶ 7, 11, 32-35.

sustained” by defendants if they are later found to “have been wrongfully enjoined.” Fed. R. Civ. P. 65(c); *see also iQuartic, Inc. v. Simms*, 15-cv-13015, 2015 WL 5156558, at \*6 (D. Mass. 2015) (“A movant for injunctive relief must give security in an amount that the Court considers proper to pay costs and damages sustained by any party found to have been improvidently enjoined.”).

“Since a preliminary injunction may be granted on a mere probability of success on the merits, generally the moving party must demonstrate confidence in his legal position by posting bond in an amount sufficient to protect his adversary from loss in the event that future proceedings prove that the injunction issued wrongfully. The bond, in effect, is the moving party’s warranty that the law will uphold the issuance of the injunction.” *Glob. Naps, Inc. v. Verizon New England, Inc.*, 489 F.3d 13, 21–22 (1st Cir. 2007) (quoting *Edgar v. MITE Corp.*, 457 U.S. 624 (1982)).

As the party seeking security, Defendants need only establish a “rational basis” for the amount of the bond. *Int’l Equity Inv., Inc. v. Opportunity Equity Partners, Ltd.*, 441 F. Supp. 2d 552, 566 (S.D.N.Y. 2006). Although the amount of an injunction bond is within the Court’s discretion, courts “should err on the high side” because setting a bond amount too low might produce injury since “the damages for an erroneous preliminary injunction cannot exceed the amount of the bond.” *Mead Johnson & Co. v. Abbott Labs.*, 201 F.3d 883, 888 (7th Cir. 2000). “An error in setting the bond too high . . . is not serious” because, if the preliminary injunction is subsequently found wrongful, the defendant does not automatically recover the entirety of the bond amount, but instead must “prove its loss, converting the ‘soft’ numbers to hard ones.” *Mead*, 201 F. 3d at 888. On the other hand, “an error in the other direction produces irreparable injury, because the damages for an erroneous preliminary injunction cannot exceed the amount of the bond.” *Id.*

## **VI. CONCLUSION**

Wherefore, Defendants respectfully request that the Court deny plaintiffs’ Motion for preliminary injunctive relief.

Respectfully submitted,

LEAH B. FOLEY  
United States Attorney

Dated: May 12, 2025

By: /s/ Anuj K. Khetarpal  
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**CERTIFICATE OF SERVICE**

I, Anuj Khetarpal, Assistant United States Attorney, hereby certify that this document, filed through the ECF system, will be sent electronically to the registered participants as identified on the Notice of Electronic Filing (NEF). Paper copies will be sent to those indicated as non-registered participants.

Dated: May 12, 2025

By: /s/ Anuj K. Khetarpal  
Anuj Khetarpal  
Assistant United States Attorney

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF MASSACHUSETTS**

AMERICAN PUBLIC HEALTH  
ASSOCIATION; IBIS REPRODUCTIVE  
HEALTH; INTERNATIONAL UNION,  
UNITED AUTOMOBILE, AEROSPACE,  
AND AGRICULTURAL IMPLEMENT  
WORKERS (UAW); BRITTANY  
CHARLTON; KATIE EDWARDS; PETER  
LURIE; and NICOLE MAPHIS,

Plaintiffs,

v.

NATIONAL INSTITUTES OF HEALTH;  
JAY BHATTACHARYA, in his official  
capacity as Director of the National Institutes  
of Health; UNITED STATES  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES; and ROBERT F.  
KENNEDY, JR., in his official capacity as  
Secretary of the United States Department of  
Health and Human Services,

Defendants.

Civil Action No. 1:25-cv-10787-WGY

I, Jon Lorsch, Ph.D., hereby declare that my testimony below is true and correct to the best of my knowledge and belief and is given under penalty of perjury, pursuant to 28 U.S.C. § 1746:

1. I am the Acting Deputy Director for Extramural Research at the National Institutes of Health (NIH), an operating division of the U.S. Department of Health and Human Services (HHS). I have held this position since April 7, 2025.

2. In addition to my current role, I am the Director of the National Institute of General Medical Sciences (NIGMS), a position I have held since 2013, where I oversee NIGMS's mission-related activities, supporting basic research that increases understanding of biological processes and lays the foundation for advances in disease diagnosis, treatment, and prevention. I am also a Senior Investigator in the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), a position I have held since 2014.

3. As Acting Deputy Director for Extramural Research, I am the principal scientific advisor to the NIH Director on all matters relating to the substance, quality, and effectiveness of the NIH extramural research program. I am responsible for overseeing the Office of Extramural Research under the Office of the NIH Director. The Office of Extramural Research "provides the corporate framework for the NIH research administration and works to ensure the scientific integrity, public accountability, and effective stewardship of the NIH research grant portfolio." Office of the Director, NIH, <https://www.nih.gov/about-nih/what-we-do/nih-almanac/office-director-nih> (last visited May 12, 2025).

4. This declaration incorporates information known to me and collected through reasonable diligence from those involved in the challenged grant terminations initiated starting in late February, as well as the cancelled study section meetings in January and February.



## **II. NIH's Grant Terms**

5. NIH does not promulgate any grant regulations itself. Rather, HHS promulgates regulations that apply to the various agencies within it, including NIH. 89 Fed. Reg. 80,055 (Oct. 2, 2024).

6. On August 13, 2020, OMB revised its Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (UAR) at 2 C.F.R. § 200 to permit termination “if an award no longer effectuates the program goals or agency priorities.” 2 C.F.R. § 200.340(a)(4); 85 Fed. Reg. 49,506. OMB’s revision was effective August 13, 2020 (85 Fed. Reg. 49,506). OMB directed agencies to “implement the language [of the revised guidance] in codified regulations...” (2 C.F.R. § 200.106); however, HHS, did not immediately adopt OMB’s revised UAR. 85 Fed. Reg. 72,899, 72,911, 72,903 (Nov. 16, 2020).

7. This caused confusion among the various entities that maintain multiple grant agreements with multiple federal agencies. Because many of those agencies adopted OMB’s 2020 revisions to the UAR, but HHS, and by extension NIH had not yet done so, these organizations found themselves subjected to grant agreements that differed on basic terms depending on the government agency.

8. As a result, repeat players in the federal grant space, specifically two professional university associations, encouraged NIH to adopt the 2020 revised UAR to align with other research agencies in an effort to reduce administrative burden on entities. In doing so, NIH understood that these stakeholders hoped to standardize the terms and conditions of the federal grants their members received. NIH acceded to their requests and

incorporated 2 C.F.R. 200 directly by reference into their grant agreements through the NIH Grant Policy Statement, a term and condition of all NIH grant awards, in 2021.

9. In addition to incorporating 2 C.F.R. § 200 directly into the NIH Grants Policy Statement, NIH announced its adoption of the 2020 updates to the UAR to the grant recipient community in 2021 (NOT-OD-21-029, available at <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-029.html>). Subsequently, NIH announced to the recipient community again in 2024 that NIH had adopted OMB's 2024 updates to the UAR, which retained the termination provision at 2 C.F.R. § 200.340(a)(4) without change. NOT-OD-25-059, available at <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-25-059.html#:~:text=In%20April%202024%2C%20the%20Office,implementation%20of%20the%202024%20Revisions>.

10. Before the time surrounding this and the related lawsuit, I am not aware that any NIH grant recipients objected to NIH's incorporation of 2 C.F.R. § 200 into the terms and conditions of NIH's grant awards.

### **III. NIH Terminates Various Grants**

11. In accordance with the NIH Director's priority-setting powers, *see, e.g.*, 42 U.S.C. § 282(b)(4)-(6), various HHS and NIH officials began issuing new policy guidance to NIH personnel shortly after the inauguration of President Donald Trump on January 20, 2025.

12. Due to NIH's change in priorities, NIH issued 689 grant termination letters that are the origin of the instant action. Each grant termination letter contained an explanation as to why the grant was terminated, based on one of the six deprioritized issue

areas (COVID-19, vaccine hesitancy, China, gender issues, DEI, climate change). The letters also cited to NIH's authority pursuant to 2 C.F.R. § 200.340 to terminate the grants based on a change in agency priorities.

13. Each grant termination letter also informed the grantee of its appeal rights. Each appeal is reviewed by NIH's Deputy Director of the Office of Extramural Research to determine if the termination was done in error, or if the terminated grant does not align with agency priorities. As of May 11, 2025, NIH has received 431 appeals of grant terminations through NIH's appeals process, and appeals remain pending.

14. Between January 21, 2025, and May 12, 2025, NIH had 91,482 active grants, including Competitive and non-competitive grants.

15. Consistent with 42 U.S.C. 285t(a) and other statutes, NIH continues to support research related to "minority health conditions" and "populations with health disparities." As shown in the table of grants that NIH has prepared and attached here as **Exhibit A**, NIH has not terminated at least 25 grants related to health disparities in minority populations. Nor does NIH presently have any intent to terminate these grants.

16. To the extent permissible by law, NIH intends to re-obligate any funds it has de-obligated as a result of the various grant terminations. My understanding is that any funds that are not re-obligated will return to the Treasury at the end of the fiscal year, consistent with standard practice.

17. The Plaintiffs in this case refer to various “Directives”<sup>1</sup> which are documents that were created as NIH worked through the process of shifting its priorities. One document, which they refer to as the “Priorities Directive” but was in fact internal procedural guidance, ECF No. 38-11, did not result in any grant terminations, meeting delays, or meeting cancellations. Another procedural guidance document, the “Supplemental Priorities Directive,” ECF No. 38-12, is no longer in effect.

#### **IV. NIH works to schedule meetings and to review grants**

18. On January 21, 2025, the Acting Secretary of HHS, Dorothy A. Fink, issued a memorandum to the Heads of HHS’ Operating Divisions instructing them to refrain from sending any document intended for publications to the Office of the Federal Register until it had been reviewed and approved by a Presidential appointee. This pause went into effect to provide the Administration with time to “consider[] its plan for managing the federal policy and public communications processes.” The memorandum also required HHS employees to “[r]efrain from participating in any public speaking engagement until the event and material have been reviewed and approved by a Presidential appointee.”

19. Pursuant to Section 1009 of the Federal Advisory Committee Act (“FACA”), NIH must post a notice to the Federal Register each time it schedules peer review group and advisory council meetings.

20. On January 22, an HHS Department Committee Management Officer in the Office of the White House Liaison informed NIH that “all FACA activity is paused under

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<sup>1</sup> Although “Directives” is a misleading characterization, I use Plaintiffs’ shorthand for consistency and ease of reference.

the [January 21 memorandum]” including peer review group meetings. As a result, NIH cancelled all peer review group meetings and advisory council meetings beginning on January 22, 2025.

21. The January 21 memorandum, which prohibited NIH from sending any documents to the Federal Register absent approval from a Presidential appointee, also caused NIH to not schedule any meetings beginning January 21, 2025.

22. The January 21 memorandum’s temporary pause on peer review group meetings and advisory council meetings ended before April 2, 2025. Peer review group meetings that had been previously scheduled ran from February 7 through February 18, 2025. Re-scheduled and newly scheduled peer review groups resumed on March 24, 2025. NIH resumed the process of holding advisory council meetings on or about March 18, 2025. Indeed, before April 2, 2025, NIH had resumed all reviews, meetings, and other procedural steps necessary to approve grant applications, and had resumed approving grant applications.

23. NIH’s efforts to reschedule these meetings are complicated by two issues. First, in rescheduling meetings, NIH must ensure compliance with the procedural requirements of 41 C.F.R. Part 102-3. Compliance with these requirements necessarily slows down the rate at which NIH can schedule meetings. These requirements include filing a public notice with the Federal Register at least 15 days before each peer review group meeting and advisory council meeting, except in “exceptional circumstances, such as a national emergency or natural disaster,” which are not applicable here. 41 C.F.R. Part 102-3.150. Second, NIH’s peer review groups are composed of peers and experts in the scientific community. The vast majority of these peer review group participants juggle

attending the meetings with teaching and managing their own research. As such, NIH's ability to reschedule these meetings depends on the schedules of thousands of individuals external to NIH.

24. Despite these challenges, NIH has been moving rapidly to reschedule and hold meetings impacted by the short pause, and to process grant applications. Since March 4, 2025, NIH has published over 150 notices to the Federal Register for upcoming peer review group meetings. Many of these notices announce multiple meetings. It has also published notices for numerous advisory council meetings. NIH intends to schedule all statutorily required advisory council meetings. To account for the brief pause in scheduling and holding meetings, NIH has scheduled more meetings than usual for this time period. For example, in 2023, 83 peer review group meetings managed by NIH's Center for Scientific Review (CSR) were held between March 24 and May 31. In 2024, CSR managed 104 meetings in that time period. This year, as currently reflected in publicly available information at <https://www.csr.nih.gov/RevPanelsAndDates/RevDates.aspx>, NIH will hold 306 CSR-managed peer review group meetings for that same time period. Adding meetings managed across NIH's Institutes and Centers to the total managed by CSR, there are 578 NIH peer review group meetings scheduled between March 24 and May 31, 2025. This is 245 more NIH peer review group meetings for this same time period last year.

25. Despite the short delay in scheduling and holding peer review and advisory council meetings to allow for the administration transition, NIH has been on pace with its reviewing grant applications and holding meetings and has caught up from the pause when compared to prior years. NIH anticipates that by the end of May 2025, NIH will have completed 100% of its Cycle III peer review meetings. By that same time, NIH also

anticipates that it will have reviewed 100% of Cycle III grant applications, for a total of 32,819 Cycle III applications reviewed.

26. The NIH Institutes and Centers (ICs) have also held or scheduled advisory council meetings that were delayed as a result of the pause. NIH and all of its ICs will hold advisory council meetings at least three times this fiscal year.

27. From the date of the temporary pause through May 12, 2025, NIH issued 11,362 new non-competitive grants. NIH has also issued 1,971 new competitive grants in that same time frame.

28. At the same time, due to the barrage of litigation and TROs currently active against NIH, NIH's internal procedures have necessarily needed to proceed with caution to assure compliance with all applicable laws and court rulings.

#### **V. Kirschstein National Research Service Awards were not terminated.**

29. NIH awards Kirschstein National Research Service Awards ("NRSA"), pursuant to 42 U.S.C. § 288(a)(1).

30. NIH awards various grants to individuals for career development and training. These grants provide researchers at various stages of their careers development and training opportunities, including by covering tuitions and costs, and funding research programs. The parent programs for these funding opportunities are research training grants (T-series grants), fellowship grants (F-series grants) and career development grants (K-series grants).

31. Although some of the specific, non-Congressionally mandated NRSA programs have ended, the parent programs remain active, and NRSA Notices of Awards continue to be made.

32. Pursuant to NIH's authority, and subject to its discretion, NIH terminated some NRSA funding opportunities, but did not terminate many others. NIH continues to issue and publicly post Notice of Funding Opportunities for NRSA grants. *See* <https://grants.nih.gov/funding/nih-guide-for-grants-and-contracts/parent-announcements> (last accessed May 12, 2025).

33. In addition, NIH is in the process of reissuing Notice of Funding Opportunities for additional NRSA programs.

34. As of the date of the information contained in **Exhibit B**, NIH continues to fund more than 5,172 NRSA grants around the country. None of these grants were terminated. The funding of these grants meets any NIH statutory obligations. Attached as **Exhibit B** is a true and accurate table, created by NIH, of NRSA grants that were not terminated.

I HEREBY DECLARE TO THE BEST OF MY KNOWLEDGE AND BELIEF,  
UNDER PENALTY OF PERJURY under the laws of the United States of America, that  
the foregoing is true and correct.

EXECUTED this 12th day of May, 2025 at Washington, DC.

Jon R. Lorsch  
S

Digitally signed by Jon R. Lorsch -S  
Date: 2025.05.12 17:23:49 -04'00'

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JON LORSCH, Ph. D.



## Exhibit A

| NIH Minority-Related Health Projects That Were Not Terminated |      |             |   |  |
|---|------|-------------|---|--|
| Type  | Actv | Project     | Title   | Institution                                |
| 5   | R44  | MD015221-04 | Enhancing the Effectiveness of Community Health Workers to Reduce Cervical Cancer Disparities in African American Women   | ISA ASSOCIATES, INC.                       |
| 1   | R01  | MD019748-01 | Activatexto: Advancing smoking cessation and physical activity among Latinos  | UNIVERSITY OF ROCHESTER                    |
| 5   | R01  | MD018459-02 | Elucidating the high and heterogeneous risk of gestational diabetes among Asian Americans: an integrative approach of metabolomics, lifestyles, and social determinants | UNIVERSITY OF CALIFORNIA<br>LOS ANGELES    |
| 5   | R01  | MD013352-04 | Impact of Navajo Nation Tax on Junk Food  | NORTHERN ARIZONA<br>UNIVERSITY             |
| 5   | R01  | MD018583-03 | Family mHealth Intervention to Improve Health Outcomes in Black Youth with Type 1 Diabetes: A Multi-Center Randomized Controlled Trial                                  | WAYNE STATE UNIVERSITY                     |
| 5   | R01  | MD014859-05 | Elucidating Lung Cancer Etiology Among Asian American Female Never Smokers  | UNIVERSITY OF CALIFORNIA,<br>SAN FRANCISCO |
| 7   | R01  | MD018193-04 | Church Wellness Coordinator-led Intervention to Improve Hypertension Control in the Black Community   | UT SOUTHWESTERN MEDICAL<br>CENTER          |
| 5   | R01  | MD014127-05 | Achieving American Indian Youth Energy and Mental Health Balance  | UNIVERSITY OF ARIZONA                      |
| 5   | R01  | MD015724-04 | A Randomized Control Trial to improve metabolic outcomes in African American pregnant women   | UNIVERSITY OF ILLINOIS AT<br>CHICAGO       |
| 5   | R01  | MD012610-05 | Health Promotion in the Prevention of Anxiety and Depression: The Happy Older Latinos are Active (HOLA Study)   | UNIVERSITY OF MIAMI SCHOOL<br>OF MEDICINE  |
| 5   | R01  | MD016068-03 | Effects of DASH Groceries on Blood Pressure in Black Residents of Urban Food Deserts  | BETH ISRAEL DEACONESS<br>MEDICAL CENTER    |
| 5   | R44  | MD017106-03 | Reducing Hypertension among African American Men: A Mobile Stress Management Intervention to Address Health Disparities   | ISA ASSOCIATES, INC.                       |
| 5   | R01  | MD015186-05 | Sleep and health disparities among Asian Americans: roles of stressors and protective factors   | UNIVERSITY OF CALIFORNIA-<br>IRVINE        |
| 1   | R21  | MD020158-01 | Equity Implications of Lung Cancer Screening Strategies for Population Health: a Distributional Cost-Effectiveness Analysis   | WAKE FOREST UNIVERSITY<br>HEALTH SCIENCES  |
| 5   | R01  | MD014035-05 | AMERICAN INDIAN CHronic disEase Risk and Sleep Health (AI-CHERISH)  | WASHINGTON STATE<br>UNIVERSITY             |

|   |     |             |   |   |
|---|-----|-------------|---|---|
| 5 | R01 | MD013752-05 | Access to Kidney Transplantation in Minority Populations (AKT-MP)   | UNIVERSITY OF NEW MEXICO<br>HEALTH SCIS CTR |
| 5 | R21 | MD018641-02 | Understanding cancer and comorbidities among American Indian and Alaska Native people   | UNIVERSITY OF IOWA                          |
| 5 | R01 | MD014146-06 | Understanding the Multiple-levels of Influence on Access to Care for Latino Youth   | UNIVERSITY OF HAWAII AT<br>MANOA            |
| 5 | R01 | MD013858-05 | Designing a Plan of Action for Better Access and Quality of Surgery for African-Americans with Gastrointestinal Cancers in the Deep South                           | UNIVERSITY OF ALABAMA AT<br>BIRMINGHAM      |
| 5 | R01 | MD016961-03 | Long-Term Effects of Hurricane Maria on Healthcare Delivery, Migration and Mortality Among People with Kidney Failure in Puerto Rico                                | BROWN UNIVERSITY                            |
| 5 | R01 | MD014145-05 | A Coping Skills Intervention for Low-SES Latino Families of Children with Asthma  | UNIVERSITY OF TEXAS AT<br>AUSTIN            |
| 5 | R01 | MD016738-04 | The ADELANTE Trial: Testing a multi-level approach for improving household food insecurity and glycemic control among Latinos with diabetes                         | STANFORD UNIVERSITY                         |
| 5 | U01 | MD019397-03 | Engaging Partners in Caring Communities (EPICC): Building capacity to implement health promotion programs in African American churches                              | TENNESSEE STATE UNIVERSITY                  |
| 5 | R01 | MD015080-04 | Latinos Understanding the Need for Adherence in Diabetes using Care Coordination, Integrated Medical and Behavioral Care and E-Health (LUNA-E)                      | SAN DIEGO STATE UNIVERSITY                  |
| 5 | R21 | MD019333-02 | Adapting and testing a physical activity dyad intervention for Black girls with asthma and their mothers  | UNIVERSITY OF CHICAGO                       |
| 5 | R21 | MD019227-02 | A Mixed-Methods Study of the Social Ecological and Integration Factors Associated with HIV Prevention Measures Among Latino/x Sexual Minority Migrant Men in the US | RUTGERS, THE STATE<br>UNIVERSITY OF N.J.    |

## Exhibit B

|                |                   |  |  |                         |                               |            |            |                 |                 |               | Competing Segment |  |
|----------------|-------------------|--|--|-------------------------|-------------------------------|------------|------------|-----------------|-----------------|---------------|-------------------|--|
| FAIN           | Grant             | Institution                              | Title  | PI Name (Contact)       | Stat Desc                     | Proj Start | Proj End   | Segment Awd Amt | Segment Obl Amt | PMS Disbursed | Awd Tot \$        |  |
| 1 F31MH133270  | 5F31MH133270-02   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Identifying mechanisms of multisensory memory using virtual reality and fMRI   | DUARTE, SHEA            | Awarded. Fellowships only     | 2023/09/10 | 2026/12/11 | \$81,856        | \$81,856        | \$29,777      | \$41,568          |  |
| 2 F30AT012306  | 5F30AT012306-02   | BROWN UNIVERSITY                         | Identifying EEG Markers of Altered Interoceptive Processing in Chronic Pain  | ZIMMERMAN, CHLOE S      | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$105,726       | \$105,726       | \$95,426      | \$53,974          |  |
| 3 T32HD071834  | 5T32HD071834-10   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Research Training Program for Pediatric Subspecialty Fellows   | DERMODY, TERENCE S      | Awarded. Non-fellowships only | 2013/05/01 | 2025/10/31 | \$2,272,425     | \$2,272,425     | \$1,935,287   | \$464,907         |  |
| 4 T32AR078751  | 5T32AR078751-04   | HOSPITAL FOR SPECIAL SURGERY             | Combined Engineering and Orthopaedics Training Program   | MAHER, SUZANNE A        | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,422,821     | \$1,422,821     | \$1,085,669   | \$282,056         |  |
| 5 F30HL162465  | 5F30HL162465-03   | UNIVERSITY OF PENNSYLVANIA               | Ionizable Lipid Nanoparticles for Fetal Lung Targeting   | PALANKI, ROHAN          | Awarded. Fellowships only     | 2022/06/01 | 2026/05/31 | \$177,808       | \$177,808       | \$126,695     | \$36,681          |  |
| 6 F31NS131049  | 5F31NS131049-02   | UT SOUTHWESTERN MEDICAL CENTER           | The role of experience during the critical period for the development of vocal motor circuits  | OROZCO, CARLOS GIOVANNI | Awarded. Fellowships only     | 2023/06/01 | 2026/03/31 | \$77,852        | \$77,852        | \$70,655      | \$39,566          |  |
| 7 T32ES007060  | 5T32ES007060-45   | OREGON STATE UNIVERSITY                  | Integrated Regional Training Program in Environmental Health Sciences  | MARCUS, CRAIG B         | Awarded. Non-fellowships only | 1979/07/01 | 2025/06/30 | \$2,423,989     | \$2,423,989     | \$2,070,381   | \$467,465         |  |
| 8 T32GM139793  | 5T32GM139793-04   | BROWN UNIVERSITY                         | Interdisciplinary training in pharmacological sciences   | OANCEA, ELENA           | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$835,155       | \$835,155       | \$677,536     | \$219,744         |  |
| 9 T32GM135095  | 5T32GM135095-05   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Predoctoral Training in the Pharmacological Sciences   | EMANUELE, MICHAEL JAMES | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,569,941     | \$2,569,941     | \$2,072,143   | \$549,359         |  |
| 10 F32AR082671 | 1F32AR082671-01A1 | UNIVERSITY OF PENNSYLVANIA               | Glycosaminoglycan-mediated fibril sliding and its role in fatigue-induced microdamage and rupture in aged and healing Achilles tendons | BLANK, JONATHON         | Awarded. Fellowships only     | 2024/09/11 | 2027/09/10 | \$74,828        | \$74,828        | \$48,373      | \$74,828          |  |
| 11 T32HG010463 | 5T32HG010463-05   | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | The UConn/JAX-GM Training Program in Genomic Science   | GRAVELEY, BRENTON R     | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,296,609     | \$1,296,609     | \$1,140,846   | \$278,143         |  |
| 12 T32HL166127 | 5T32HL166127-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Developing a Diverse Next Generation of Leaders in Respiratory Science   | MALHOTRA, ATUL          | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$1,173,759     | \$1,173,759     | \$458,945     | \$409,676         |  |
| 13 T32DK120509 | 5T32DK120509-05   | PENNSYLVANIA STATE UNIVERSITY, THE       | Integrative Analysis of Metabolic Phenotypes (IAMP) Predoctoral Training Program   | PATTERSON, ANDREW       | Awarded. Non-fellowships only | 2020/06/01 | 2026/05/31 | \$780,852       | \$780,852       | \$636,826     | \$196,007         |  |
| 14 F31AI181473 | 1F31AI181473-01   | WEILL MEDICAL COLL OF CORNELL UNIV       | Mechanisms of cytosolic DNA degradation by TREX1 in cancer and autoimmune disease  | SHIM, ABRAHAM           | Awarded. Fellowships only     | 2024/07/08 | 2027/07/07 | \$48,974        | \$48,974        | \$41,375      | \$48,974          |  |
| 15 F31NS134242 | 1F31NS134242-01A1 | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Identification of a Putative Mitochondrial Solute Carrier that Regulates Mitophagy   | RESTREPO, LUCAS JOHN    | Awarded. Fellowships only     | 2024/07/01 | 2027/05/31 | \$33,758        | \$33,758        | \$33,086      | \$33,758          |  |
| 16 T32DK108735 | 5T32DK108735-08   | EMORY UNIVERSITY                         | Research Training in Translational Gastroenterology and Hepatology   | KUGATHASAN, SUBRA       | Awarded. Non-fellowships only | 2016/06/01 | 2027/05/31 | \$839,248       | \$839,248       | \$536,244     | \$397,713         |  |
| 17 T35AI118620 | 5T35AI118620-09   | UNIVERSITY OF MINNESOTA                  | Medical Student Summer Research Program in Infection and Immunity  | MUELLER, DANIEL L       | Awarded. Non-fellowships only | 2015/07/01 | 2026/06/30 | \$185,406       | \$185,406       | \$127,000     | \$34,558          |  |
| 18 F30DK132806 | 5F30DK132806-03   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | Core mechanisms that contribute to inhibition of wound healing in diabetic foot and venous leg ulcers                                  | BURGESS, JAMIE LEE      | Awarded. Fellowships only     | 2022/06/01 | 2027/05/31 | \$218,394       | \$161,420       | \$161,420     | \$56,974          |  |
| 19 T32GM153123 | 1T32GM153123-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Cellular and Molecular Pharmacology Training Program   | BROWN, JOAN HELLER      | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$575,303       | \$575,303       | \$377,435     | \$575,303         |  |
| 20 T32DA007238 | 5T32DA007238-34   | YALE UNIVERSITY                          | Research Training Fellowship in Substance Abuse  | PETRAKIS, ISMENE L      | Awarded. Non-fellowships only | 1988/07/01 | 2026/06/30 | \$764,139       | \$764,139       | \$763,674     | \$94,906          |  |
| 21 T32DA057216 | 5T32DA057216-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Postdoctoral training in tobacco control   | LING, PAMELA MAY        | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,000,454     | \$1,000,454     | \$686,629     | \$522,936         |  |
| 22 T34GM149470 | 5T34GM149470-02   | UNIVERSITY OF CALIFORNIA RIVERSIDE       | MARC at University of California Riverside   | MARTINEZ, ERNEST        | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$1,042,838     | \$1,042,838     | \$677,289     | \$521,419         |  |

|    |             |                   |   |  |                              |                               |            |            |             |             |             |           |
|----|-------------|-------------------|---|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 23 | F32HD111260 | 5F32HD111260-02   | STANFORD UNIVERSITY                     | Inequities in family engagement in the neonatal intensive care unit  | QUINN, MARY                  | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$146,256   | \$146,256   | \$129,656   | \$76,756  |
| 24 | T32MH018261 | 5T32MH018261-39   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Clinical Services Research Training Program  | PFIFFNER, LINDA              | Awarded. Non-fellowships only | 1985/08/01 | 2026/06/30 | \$1,157,712 | \$1,157,712 | \$1,077,832 | \$255,729 |
| 25 | T32GM008478 | 5T32GM008478-32   | UNIVERSITY OF CINCINNATI                | Host Response to Trauma Research Training Program  | LENTSCH, ALEX B              | Awarded. Non-fellowships only | 1993/07/01 | 2028/06/30 | \$673,549   | \$673,549   | \$435,586   | \$342,198 |
| 26 | T32EB021966 | 5T32EB021966-07   | DARTMOUTH COLLEGE                       | Training in Surgical Innovation  | PAULSEN, KEITH D             | Awarded. Non-fellowships only | 2017/06/01 | 2028/05/31 | \$432,561   | \$432,561   | \$344,627   | \$216,732 |
| 27 | T32DA053558 | 5T32DA053558-04   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Training Program in Substance Use Disorders  | KENNY, PAUL J                | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,642,606 | \$1,642,606 | \$1,276,366 | \$565,334 |
| 28 | F30CA281167 | 1F30CA281167-01A1 | UNIVERSITY OF CINCINNATI                | Metabolic reprogramming in Fanconi anemia-deficient head and neck squamous cell carcinoma  | RUFFOLO, BIANCA              | Awarded. Fellowships only     | 2024/06/01 | 2025/05/31 | \$46,386    | \$46,386    | \$34,983    | \$46,386  |
| 29 | F32NS131252 | 5F32NS131252-02   | BOSTON CHILDREN'S HOSPITAL              | Determining the Impact of Callosal Connectivity on Visual Cortical Structure and Cortical Visual Impairment in Cdkl5 Deficiency Disorder | KELLY, ELYZA                 | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$151,756   | \$151,756   | \$147,182   | \$79,756  |
| 30 | F31AA029935 | 5F31AA029935-03   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Central Amygdala to Lateral Hypothalamus Neuropeptide Y projections as a Target in Sex-Specific Binge-Like Ethanol Consumption in Mice   | BENDRATH, SOPHIE CHARLOTTE   | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$117,821   | \$117,821   | \$109,874   | \$40,441  |
| 31 | F30MH124404 | 5F30MH124404-04   | UNIVERSITY OF MINNESOTA                 | Dopaminergic modulation of nucleus accumbens during prospective and retrospective neuroeconomic decision making                          | KOCHARIAN, ADRINE            | Awarded. Fellowships only     | 2021/05/31 | 2026/05/14 | \$196,948   | \$196,948   | \$145,402   | \$42,227  |
| 32 | F30HL172687 | 1F30HL172687-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Nox4 and Epigenetics in chronically enhanced cardiac protein O-GlcNAcylation   | CHANG, SAMUEL FORMOSA        | Awarded. Fellowships only     | 2024/09/30 | 2027/05/29 | \$42,629    | \$42,629    | \$23,012    | \$42,629  |
| 33 | T32AT002688 | 5T32AT002688-20   | OREGON HEALTH & SCIENCE UNIVERSITY      | CAM Research Training in Neuroscience & Stress   | OKEN, BARRY S                | Awarded. Non-fellowships only | 2005/04/01 | 2026/03/31 | \$1,906,791 | \$1,906,791 | \$2,219,429 | \$427,346 |
| 34 | F31AG077889 | 5F31AG077889-02   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Environmental Moderation of Genetic Influences on Dementia Risk in Mexican Older Adults  | TURESON, KAYLA               | Awarded. Fellowships only     | 2023/05/16 | 2025/05/15 | \$94,516    | \$94,516    | \$46,487    | \$47,898  |
| 35 | T32DA050558 | 5T32DA050558-05   | UNIVERSITY OF CALIFORNIA-IRVINE         | Training Program in Substance Use and Use Disorders  | WOOD, MARCELO ANDRES         | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$892,220   | \$892,220   | \$775,767   | \$201,312 |
| 36 | T32GM140223 | 5T32GM140223-04   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Interdepartmental Training in Pharmacological Sciences   | ISOM, LORI L                 | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,505,462 | \$2,505,462 | \$2,450,462 | \$659,231 |
| 37 | F31AI181514 | 1F31AI181514-01   | YALE UNIVERSITY                         | Probing the ribosome-dependent mechanisms of human alphacoronavirus Nsp1   | BALAJI, SHRAVANI             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$33,950    | \$33,950    | \$17,223    | \$33,950  |
| 38 | F30DA060027 | 1F30DA060027-01   | UNIVERSITY OF MINNESOTA                 | VGF in the nucleus accumbens: roles in synaptic and opioid-evoked plasticity   | ADKE, ANISHA P               | Awarded. Fellowships only     | 2024/05/30 | 2027/05/29 | \$107,948   | \$107,948   | \$45,958    | \$53,974  |
| 39 | T32MH018931 | 5T32MH018931-35   | UNIVERSITY OF WISCONSIN-MADISON         | Training Program in Emotion Research   | DAVIDSON, RICHARD J          | Awarded. Non-fellowships only | 1989/07/01 | 2028/07/31 | \$641,101   | \$641,101   | \$537,910   | \$321,304 |
| 40 | T32EB032756 | 5T32EB032756-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Acute and Critical Care Engineering (ACCE) Training Program  | OLDHAM, KENN R               | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$331,683   | \$331,683   | \$331,386   | \$222,768 |
| 41 | F31AG082446 | 1F31AG082446-01A1 | UNIVERSITY OF CALIFORNIA BERKELEY       | Relationships between sulcal morphology, neuropathology, and cognition in aging and Alzheimers disease                                   | MABOUDIAN, SAMIRA ALESSANDRA | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$45,483    | \$45,483    | \$29,438    | \$45,483  |
| 42 | T32DA041349 | 5T32DA041349-07   | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | The Neurobiology of Drug Abuse   | JONES, SARA RAULERSON        | Awarded. Non-fellowships only | 2017/07/01 | 2028/06/30 | \$438,006   | \$438,006   | \$360,385   | \$222,768 |
| 43 | T32AI007509 | 5T32AI007509-25   | UNIVERSITY OF WASHINGTON                | Diseases of Public Health Importance Training Grant  | LUND, JENNIFER M             | Awarded. Non-fellowships only | 1997/09/30 | 2026/06/30 | \$1,928,624 | \$1,928,624 | \$1,674,372 | \$420,272 |
| 44 | F31AI174799 | 1F31AI174799-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Identifying the role of serotonin receptor 7 in regulating intestinal immune tolerance   | YU, LEWIS                    | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$44,646    | \$44,646    | \$37,555    | \$44,646  |

|    |             |                 |  |   |                        |                               |            |            |             |             |             |           |
|----|-------------|-----------------|--|---|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 45 | F32CA288044 | 1F32CA288044-01 | VANDERBILT UNIVERSITY                    | Engineering RIG-I Activating Nanoparticles for Glioblastoma Immunotherapy                   | KWIATKOWSKI, ALEXANDER | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$73,828    | \$73,828    | \$54,499    | \$73,828  |
| 46 | F30AG085999 | 1F30AG085999-01 | WEILL MEDICAL COLL OF CORNELL UNIV       | Identification and characterization of clonal expansions in aging and aging-related disease | D'AVINO, ANDREW        | Awarded. Fellowships only     | 2024/06/12 | 2028/06/11 | \$52,976    | \$52,976    | \$44,728    | \$52,976  |
| 47 | T35OD024982 | 5T35OD024982-05 | JOHNS HOPKINS UNIVERSITY                 | Training Veterinary Students for Careers in Biomedical Research                             | MANKOWSKI, JOSEPH L    | Awarded. Non-fellowships only | 2019/01/01 | 2025/12/31 | \$226,020   | \$226,020   | \$193,565   | \$34,126  |
| 48 | T32AR007080 | 5T32AR007080-45 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Scientist Training in Rheumatology Research   | KNIGHT, JASON          | Awarded. Non-fellowships only | 1976/07/01 | 2028/06/30 | \$975,930   | \$975,930   | \$589,585   | \$366,092 |
| 49 | T32MH019934 | 5T32MH019934-30 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Fellowship in Geriatric Mental Health   | TWAMLEY, ELIZABETH W   | Awarded. Non-fellowships only | 1994/09/01 | 2025/06/30 | \$1,997,983 | \$1,997,983 | \$2,147,149 | \$480,879 |
| 50 | TL4GM118974 | 5TL4GM118974-10 | MORGAN STATE UNIVERSITY                  | ASCEND Training Model to Increase Diversity in the Biomedical Research Workforce            | SHEIKHATTARI, PAYAM    | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$3,739,408 | \$3,739,408 | \$3,889,561 | \$1       |
| 51 | T32GM152268 | 1T32GM152268-01 | UNIVERSITY OF IOWA                       | Iowa Biotech-TP: Predoctoral Program in Biotechnology                                       | SPIES, MARIA           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$425,555   | \$425,555   | \$198,010   | \$425,555 |
| 52 | T32GM152286 | 1T32GM152286-01 | VANDERBILT UNIVERSITY                    | Molecular Biophysics Training Grant at Vanderbilt   | CHAZIN, WALTER J       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$364,961   | \$549,359 |
| 53 | T32CA009666 | 5T32CA009666-30 | UNIVERSITY OF TX MD ANDERSON CAN CTR     | Research Training in Academic Medical Oncology  | DAVIES, MICHAEL        | Awarded. Non-fellowships only | 1994/09/30 | 2026/04/30 | \$2,769,707 | \$2,769,707 | \$2,916,388 | \$649,322 |
| 54 | T32AI007260 | 5T32AI007260-35 | UNIVERSITY OF IOWA                       | Interdisciplinary Immunology Postdoctoral Training Program                                  | BUTLER, NOAH SULLIVAN  | Awarded. Non-fellowships only | 1984/09/01 | 2025/06/30 | \$1,779,790 | \$1,779,790 | \$1,795,694 | \$391,642 |
| 55 | T32GM086287 | 2T32GM086287-16 | YALE UNIVERSITY                          | Research Training in Anesthesia   | SCHONBERGER, ROBERT    | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$273,760   | \$273,760   | \$143,579   | \$273,760 |
| 56 | T32GM148384 | 5T32GM148384-02 | MEDICAL COLLEGE OF WISCONSIN             | Specialized Training in Anesthesiology Team Science   | FREED, JULIE K         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$269,255   | \$269,255   | \$122,859   | \$184,180 |
| 57 | T32AI141349 | 5T32AI141349-05 | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Texas Medical Center Training Program in Antimicrobial Resistance                           | GARSIN, DANIELLE A     | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,347,914 | \$1,347,914 | \$1,122,948 | \$290,670 |
| 58 | T32DA037202 | 5T32DA037202-10 | DARTMOUTH COLLEGE                        | Training in the Science of Co-Occurring Disorders   | MARSCH, LISA A         | Awarded. Non-fellowships only | 2014/07/01 | 2025/06/30 | \$2,017,092 | \$2,017,092 | \$1,807,709 | \$473,746 |
| 59 | T32AI007245 | 2T32AI007245-41 | HARVARD MEDICAL SCHOOL                   | Molecular Basis of Viral Infectivity  | KNIFE, DAVID M         | Awarded. Non-fellowships only | 1983/07/01 | 2029/07/31 | \$591,696   | \$591,696   | \$318,234   | \$591,696 |
| 60 | T32AR067708 | 5T32AR067708-10 | JOHNS HOPKINS UNIVERSITY                 | Training in Orthopaedic Team Science  | JONES, LYNNE C         | Awarded. Non-fellowships only | 2015/06/01 | 2026/03/31 | \$996,327   | \$996,327   | \$842,646   | \$186,649 |
| 61 | T32CA172009 | 5T32CA172009-10 | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Prevention And Control of Cancer: Training for Change in Individuals and Systems            | LEMON, STEPHENIE C     | Awarded. Non-fellowships only | 2019/08/08 | 2025/07/31 | \$1,515,986 | \$1,515,986 | \$1,345,866 | \$359,813 |
| 62 | T32HL007853 | 2T32HL007853-26 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Multidisciplinary Cardiovascular Research Training  | PINSKY, DAVID J        | Awarded. Non-fellowships only | 1996/09/30 | 2029/06/30 | \$802,268   | \$802,268   | \$157,486   | \$802,268 |
| 63 | T32GM008685 | 5T32GM008685-27 | MAYO CLINIC ROCHESTER                    | Training Grant in Clinical Pharmacology   | WANG, LIEWEI           | Awarded. Non-fellowships only | 1998/07/01 | 2028/06/30 | \$676,938   | \$676,938   | \$642,724   | \$350,360 |
| 64 | T32CA090223 | 5T32CA090223-20 | OHIO STATE UNIVERSITY                    | Tumor Immunology  | CARSON, WILLIAM E      | Awarded. Non-fellowships only | 2002/07/25 | 2025/08/31 | \$1,021,670 | \$1,021,670 | \$1,083,631 | \$323,426 |
| 65 | T32AI112541 | 5T32AI112541-10 | VANDERBILT UNIVERSITY                    | Chemical Biology of Infectious Diseases (CBID) Training Program                             | SKAAR, ERIC P          | Awarded. Non-fellowships only | 2015/06/10 | 2025/08/31 | \$1,932,295 | \$1,932,295 | \$1,821,617 | \$391,315 |
| 66 | F30DE030358 | 5F30DE030358-03 | OHIO STATE UNIVERSITY                    | Functional domains of bone sialoprotein in dentoalveolar development and healing            | CHAVEZ, MICHAEL B      | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$197,956   | \$197,956   | \$179,498   | \$47,594  |
| 67 | T32GM008620 | 5T32GM008620-25 | UNIVERSITY OF CALIFORNIA-IRVINE          | Medical Scientist Training Program  | GOLDIN, ALAN L         | Awarded. Non-fellowships only | 1999/07/01 | 2025/06/30 | \$2,910,655 | \$2,910,655 | \$2,858,111 | \$580,535 |
| 68 | T32GM008516 | 2T32GM008516-31 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Training in Trauma and Sepsis Research  | BILLIAR, TIMOTHY R     | Awarded. Non-fellowships only | 1994/07/01 | 2029/06/30 | \$601,928   | \$601,928   | \$275,712   | \$601,928 |

|    |             |                   |  |   |                         |                               |            |            |             |             |             |           |
|----|-------------|-------------------|--|---|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 69 | T34GM110517 | 5T34GM110517-10   | UNIVERSITY OF WEST FLORIDA             | MARC at University of West Florida  | MOLEK, KAREN SINCLAIR   | Awarded. Non-fellowships only | 2014/06/01 | 2025/05/31 | \$1,717,336 | \$1,717,336 | \$1,663,529 | \$298,913 |
| 70 | T32GM087237 | 5T32GM087237-15   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY  | Graduate Training in Computational and Systems Biology  | BURGE, CHRISTOPHER B    | Awarded. Non-fellowships only | 2009/07/01 | 2025/06/30 | \$2,257,800 | \$2,257,800 | \$2,128,836 | \$530,535 |
| 71 | T32CA285274 | 1T32CA285274-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES    | Multidisciplinary Training in Gastrointestinal Cancers  | ABRAMS, JULIAN          | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$193,144   | \$193,144   | \$23,803    | \$193,144 |
| 72 | T32MH067631 | 5T32MH067631-20   | UNIVERSITY OF ILLINOIS AT CHICAGO      | Training in the Neuroscience of Mental Health   | RASENICK, MARK M        | Awarded. Non-fellowships only | 2004/07/01 | 2026/06/30 | \$1,776,786 | \$1,776,786 | \$1,665,286 | \$360,155 |
| 73 | T32EY007035 | 5T32EY007035-45   | UNIVERSITY OF PENNSYLVANIA             | Research on normal and abnormal mechanisms of vision  | CONTRERAS, DIEGO        | Awarded. Non-fellowships only | 1976/07/01 | 2025/08/31 | \$689,954   | \$689,954   | \$730,013   | \$161,429 |
| 74 | T32GM008616 | 5T32GM008616-24   | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Surgical Scientist Training Grant in Health Services and Translational Research   | BUCHMAN, STEVEN R       | Awarded. Non-fellowships only | 1997/09/01 | 2026/06/30 | \$758,934   | \$758,934   | \$657,593   | \$203,326 |
| 75 | T32AA007577 | 5T32AA007577-25   | LSU HEALTH SCIENCES CENTER             | Biomedical Alcohol Research Training Program  | MOLINA, PATRICIA E      | Awarded. Non-fellowships only | 1999/09/22 | 2025/08/31 | \$2,185,354 | \$2,185,354 | \$1,975,437 | \$510,171 |
| 76 | F31HG012900 | 5F31HG012900-02   | JOHNS HOPKINS UNIVERSITY               | Uncovering sources of human gene expression variation in a globally diverse cohort  | TAYLOR, DYLAN JAMES     | Awarded. Fellowships only     | 2023/07/01 | 2025/09/26 | \$96,668    | \$96,668    | \$54,477    | \$48,974  |
| 77 | F30CA250307 | 5F30CA250307-03   | GEORGETOWN UNIVERSITY                  | Decoding the Tissue of Origin of Cellular Damage from Cell-free DNA in Liquid Biopsies  | BAREFOOT, MEGAN EVELYN  | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$121,362   | \$121,362   | \$121,362   | \$53,974  |
| 78 | F32AG081056 | 5F32AG081056-02   | UNIVERSITY OF CALIFORNIA SANTA BARBARA | Neuroresilience to hyper-gravity and desiccation in tardigrade Hypsibius exemplaris   | KIRK, MOLLY J           | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$143,364   | \$143,364   | \$127,880   | \$74,284  |
| 79 | F31HL162516 | 5F31HL162516-02   | UNIVERSITY OF HOUSTON                  | Machine learning approaches for multi-organ neuronal network mapping and modulation   | LLOYD, DAVID ANDERSON   | Awarded. Fellowships only     | 2022/09/01 | 2025/05/31 | \$72,908    | \$72,908    | \$52,238    | \$36,925  |
| 80 | F31DA057756 | 5F31DA057756-02   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Implementation and Outcomes of Child Protection System Reporting Policies Regarding Infants Born with Prenatal Substance Exposure | REDDY, JULIA            | Awarded. Fellowships only     | 2023/08/14 | 2025/08/13 | \$80,744    | \$80,744    | \$66,182    | \$41,012  |
| 81 | F30CA268764 | 5F30CA268764-02   | UNIVERSITY OF ILLINOIS AT CHICAGO      | The Role of Endothelial ACKR1 in Triple-Negative Breast Cancer Metastasis   | ROACH, SAMUEL           | Awarded. Fellowships only     | 2023/05/16 | 2026/05/15 | \$160,642   | \$160,642   | \$106,668   | \$53,974  |
| 82 | F31GM148053 | 3F31GM148053-01S1 | STATE UNIVERSITY OF NY,BINGHAMTON      | Mitigating ADA Through Site-specific Conjugation Technology   | BENJAMIN, SAMANTHA RENE | Awarded. Fellowships only     | 2022/12/08 | -          | \$118,160   | \$118,160   | \$82,782    | \$2,500   |
| 83 | T32TR004767 | 1T32TR004767-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM    | CTSA Predoctoral T32 at the University of Alabama at Birmingham   | POLLOCK, JENNIFER S     | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$562,319   | \$562,319   | \$356,693   | \$562,319 |
| 84 | T32TR004782 | 1T32TR004782-01   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES | NJ ACTS: A Platform for Translational Science in New Jersey: CTSA Predoctoral T32 at Rutgers, Biomedical Health Sciences          | SCOTTO, KATHLEEN W      | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$298,670   | \$298,670   | \$0         | \$298,670 |
| 85 | T32CA247819 | 5T32CA247819-05   | WAKE FOREST UNIVERSITY HEALTH SCIENCES | Translational Oncology Training Program   | WATABE, KOUNOSUKE       | Awarded. Non-fellowships only | 2020/04/01 | 2026/03/31 | \$1,409,113 | \$1,409,113 | \$1,158,759 | \$266,711 |
| 86 | T32GM150536 | 5T32GM150536-02   | UNIV OF ARKANSAS FOR MED SCIS          | Training in Systems Pharmacology and Toxicology (T-SPaT)  | PRATHER, PAUL L         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$355,622   | \$355,622   | \$268,282   | \$181,576 |
| 87 | T32GM150453 | 5T32GM150453-02   | CORNELL UNIVERSITY                     | Cornell University Combined DVM-PhD Medical Scientist Training Program (MSTP)   | IVANEK MIOJEVIC, RENATA | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$471,958   | \$471,958   | \$403,401   | \$239,744 |
| 88 | F31DK131769 | 5F31DK131769-03   | UNIVERSITY OF COLORADO DENVER          | CHD4-MEDIATED TRANSCRIPTIONAL REGULATION OF PANCREATIC BETA CELL DEVELOPMENT AND FUNCTION   | SARBAUGH, DYLAN         | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$118,310   | \$118,310   | \$105,053   | \$40,604  |
| 89 | F31DK136305 | 5F31DK136305-02   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Investigating a role for Wnt-associated planar polarity in collective migration of human intestinal epithelium                    | BREAU, KEITH            | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$79,556    | \$79,556    | \$73,287    | \$40,418  |
| 90 | T32MH115895 | 2T32MH115895-06   | BROWN UNIVERSITY                       | Training Program for Interactionist Cognitive Neuroscience (ICoN)   | FRANK, MICHAEL J        | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$245,939   | \$245,939   | \$156,906   | \$245,939 |



|     |             |                   |   |  |                           |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|---|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 91  | T32GM135083 | 5T32GM135083-05   | JOHNS HOPKINS UNIVERSITY                | Pharmacology and Molecular Sciences Training Program   | FREEL MEYERS, CAREN L     | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,301,705 | \$2,301,705 | \$2,153,199 | \$396,918 |
| 92  | F31AG082501 | 5F31AG082501-02   | UNIVERSITY OF CALIFORNIA-IRVINE         | Defining the role of perineuronal nets in Alzheimers Disease pathology   | BARAHONA, ROCIO ALEJANDRA | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$88,489    | \$88,489    | \$81,153    | \$45,241  |
| 93  | T32CA009207 | 2T32CA009207-46   | SLOAN-KETTERING INST CAN RESEARCH       | Investigational Cancer Therapeutics Training Program (ICTTP)   | DRILON, ALEXANDER         | Awarded. Non-fellowships only | 1977/09/30 | 2029/08/31 | \$584,360   | \$584,360   | \$323,281   | \$584,360 |
| 94  | T32EB034215 | 1T32EB034215-01A1 | UNIVERSITY OF COLORADO                  | Biofabrication Training Program  | BRYANT, STEPHANIE J       | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$111,384   | \$111,384   | \$34,277    | \$111,384 |
| 95  | F30CA278005 | 5F30CA278005-02   | CALIFORNIA INSTITUTE OF TECHNOLOGY      | Characterizing the RNA-mediated recruitment of histone deacetylases to chromatin                                   | GUO, JAMES KANG           | Awarded. Fellowships only     | 2023/06/01 | 2028/05/31 | \$160,642   | \$160,642   | \$87,542    | \$53,974  |
| 96  | T32GM140972 | 5T32GM140972-04   | BOSTON UNIVERSITY MEDICAL CAMPUS        | BUSPH Interdisciplinary Training Program for Biostatisticians  | WHITE, LAURA FORSBERG     | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,265,077 | \$1,265,077 | \$1,128,541 | \$439,487 |
| 97  | T32AI095190 | 5T32AI095190-12   | UNIVERSITY OF MARYLAND BALTIMORE        | Signaling Pathways in Innate Immunity  | VOGEL, STEFANIE N         | Awarded. Non-fellowships only | 2012/06/15 | 2028/07/31 | \$978,240   | \$978,240   | \$749,600   | \$525,332 |
| 98  | T32AR048522 | 2T32AR048522-21   | JOHNS HOPKINS UNIVERSITY                | Multidisciplinary Rheumatology Training Program  | BINGHAM, CLIFTON O        | Awarded. Non-fellowships only | 2003/07/01 | 2029/06/30 | \$163,741   | \$163,741   | \$238,981   | \$163,741 |
| 99  | T32DA022975 | 2T32DA022975-16   | YALE UNIVERSITY                         | Neuroimaging Sciences Training Program   | MASON, GRAEME F           | Awarded. Non-fellowships only | 2007/07/01 | 2029/06/30 | \$534,979   | \$534,979   | \$336,848   | \$534,979 |
| 100 | F30MH129056 | 5F30MH129056-03   | CARNEGIE-MELLON UNIVERSITY              | Internally and externally driven arousal changes in neural activity and hemodynamics                               | ISSAR, DEEPA              | Awarded. Fellowships only     | 2022/06/01 | 2026/05/31 | \$158,420   | \$158,420   | \$142,204   | \$53,974  |
| 101 | T34GM136453 | 5T34GM136453-05   | UNIVERSITY OF KANSAS LAWRENCE           | MARC at The University of Kansas   | CARTWRIGHT, PAULYN        | Awarded. Non-fellowships only | 2020/06/01 | 2026/05/31 | \$1,427,981 | \$1,427,981 | \$1,263,708 | \$225,369 |
| 102 | F30CA281125 | 5F30CA281125-02   | VANDERBILT UNIVERSITY                   | Cancer-associated fibroblasts promote thyroid cancer malignancy through Wnt signaling                              | LOBERG, MATTHEW A         | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$86,257    | \$86,257    | \$61,713    | \$53,373  |
| 103 | T32DK101003 | 2T32DK101003-11   | VANDERBILT UNIVERSITY                   | Integrated Training in Engineering and Diabetes  | YOUNG, JAMEY D            | Awarded. Non-fellowships only | 2014/08/01 | 2029/07/31 | \$323,462   | \$323,462   | \$53,532    | \$323,462 |
| 104 | T34GM141143 | 5T34GM141143-04   | UNIVERSITY OF IOWA                      | MARC at University of Iowa   | ADAMS-PHILLIPS, LORI C    | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,523,344 | \$1,523,344 | \$1,283,455 | \$437,776 |
| 105 | T32GM142619 | 5T32GM142619-04   | OREGON HEALTH & SCIENCE UNIVERSITY      | Program in Biomedical Sciences   | TYNER, JEFFREY WALLACE    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,087,885 | \$2,087,885 | \$1,894,992 | \$549,359 |
| 106 | T34GM153703 | 1T34GM153703-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | MARC at the University of Alabama at Birmingham  | GRAY, MICHELLE            | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$140,184   | \$140,184   | \$63,054    | \$140,184 |
| 107 | F30CA265134 | 5F30CA265134-04   | STATE UNIVERSITY NEW YORK STONY BROOK   | Characterizing the biochemistry and dynamics of the immune suppressive CXCL12 coat in pancreatic cancer            | MORESCO, PHILIP ANDREW    | Awarded. Fellowships only     | 2021/07/16 | 2026/07/15 | \$171,284   | \$171,284   | \$146,772   | \$53,974  |
| 108 | T32DK007066 | 5T32DK007066-50   | UNIVERSITY OF PENNSYLVANIA              | Training Program in Gastrointestinal Sciences  | KATZ, JONATHAN P          | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$3,189,216 | \$3,189,216 | \$3,109,187 | \$625,531 |
| 109 | T35AG026757 | 5T35AG026757-20   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | U C San Diego Medical Student Summer Aging Research Training   | HAN, BENJAMIN HYUN        | Awarded. Non-fellowships only | 2005/06/01 | 2026/05/31 | \$383,142   | \$383,142   | \$380,144   | \$14,195  |
| 110 | T32DK060414 | 5T32DK060414-23   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | NRSA Hepatology Training Grant   | MAHER, JACQUELYN J        | Awarded. Non-fellowships only | 2001/12/01 | 2027/06/30 | \$909,183   | \$909,183   | \$884,758   | \$354,720 |
| 111 | T34GM145436 | 5T34GM145436-02   | UNIVERSITY OF TEXAS DALLAS              | MARC Program at the University of Texas at Dallas  | BURTON, MICHAEL D         | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$325,132   | \$325,132   | \$254,143   | \$215,495 |
| 112 | F31AA030934 | 5F31AA030934-02   | UNIVERSITY OF LOUISVILLE                | The role of MKP-1/MAPK in hepatocytes and macrophages in alcohol-associated liver disease pathogenesis             | WALTER, MARY NANCY        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$74,204    | \$74,204    | \$56,215    | \$37,742  |
| 113 | F31AA031153 | 5F31AA031153-02   | UNIVERSITY OF WASHINGTON                | How the short-term influence of drinking consequences shapes the development of expectancies: An event-level study | SCHULTZ, MEGAN            | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$80,406    | \$48,974  |

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|-----|-------------|-------------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 114 | T32HL160491 | 5T32HL160491-03   | UNIVERSITY OF FLORIDA                      | Interdisciplinary Training for Vascular Surgeon Scientists   | UPCHURCH, GILBERT RIVERS  | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$865,830   | \$865,830   | \$796,403   | \$360,176   |
| 115 | T32GM142603 | 5T32GM142603-03   | UNIVERSITY OF DELAWARE                     | Graduate Training Program in Computational Biology, Bioinformatics and Biomedical Data Science (CBB)                   | POLSON, SHAWN W           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$959,723   | \$959,723   | \$647,624   | \$302,478   |
| 116 | T32GM142607 | 5T32GM142607-04   | UNIVERSITY OF COLORADO                     | Predoctoral Training Program in Signaling and Cellular Regulation  | AHN, NATALIE G            | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,506,220 | \$2,506,220 | \$2,148,475 | \$566,831   |
| 117 | F30DK127846 | 5F30DK127846-04   | UNIVERSITY OF UTAH                         | Investigating Metabolically Protective Members of the Microbiota that Modulate Ceramides                               | KLAG, KENDRA ALYSE        | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$197,090   | \$197,090   | \$157,116   | \$53,974    |
| 118 | F31MH132280 | 5F31MH132280-02   | UNIV OF MARYLAND, COLLEGE PARK             | Using Functional Neuroimaging and Smartphone Digital Phenotyping to Understand the Emergence of Internalizing Illness  | GROGANS, SHANNON          | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$96,668    | \$96,668    | \$69,800    | \$48,974    |
| 119 | T32GM144295 | 5T32GM144295-03   | NORTHWESTERN UNIVERSITY AT CHICAGO         | Medical Scientist Training Program   | HAUSER, ALAN R            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$5,425,795 | \$5,425,795 | \$4,618,020 | \$1,798,078 |
| 120 | T32AI049820 | 5T32AI049820-20   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH     | Viral Persistence and Pathogenesis   | DELUCA, NEAL A            | Awarded. Non-fellowships only | 2001/07/01 | 2025/06/30 | \$1,518,378 | \$1,518,378 | \$1,297,301 | \$273,221   |
| 121 | T32AI007172 | 5T32AI007172-44   | WASHINGTON UNIVERSITY                      | Infectious Disease/Basic Microbial Pathogenic Mechanisms   | GOLDBERG, DANIEL E        | Awarded. Non-fellowships only | 1980/09/15 | 2026/06/30 | \$2,281,300 | \$2,281,300 | \$2,002,941 | \$581,385   |
| 122 | T32DA007261 | 5T32DA007261-33   | WASHINGTON UNIVERSITY                      | Biomedical Research Training in Drug Abuse   | AGRAWAL, ARPANA           | Awarded. Non-fellowships only | 1991/09/30 | 2027/06/30 | \$1,415,727 | \$1,415,727 | \$1,251,369 | \$486,801   |
| 123 | F31DE031154 | 5F31DE031154-04   | CALIFORNIA INSTITUTE OF TECHNOLOGY         | Molecular mechanisms driving cessation of neural crest migration and aggregation into cranial ganglia                  | URRUTIA, HUGO ALEXANDER   | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$242,430   | \$242,430   | \$179,152   | \$49,774    |
| 124 | T32GM153505 | 1T32GM153505-01   | NORTHWESTERN UNIVERSITY                    | Biotechnology Predoctoral Training Program   | LEONARD, JOSHUA NATHANIEL | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$261,013   | \$549,359   |
| 125 | F31AG082393 | 5F31AG082393-02   | HARVARD MEDICAL SCHOOL                     | Selective neuronal autophagy in phosphorylated tau degradation and Alzheimers disease                                  | AUGUR, ZACHARY MARK       | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$84,632    | \$84,632    | \$75,980    | \$42,956    |
| 126 | T32MH135857 | 1T32MH135857-01   | BOSTON MEDICAL CENTER                      | Boston University Medical Campus- Massachusetts General Hospital Global Psychiatric Clinical Research Training Program | HENDERSON, DAVID C        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$412,778   | \$412,778   | \$156,457   | \$412,778   |
| 127 | T32AI102623 | 5T32AI102623-12   | JOHNS HOPKINS UNIVERSITY                   | Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program  | MEHTA, SHRUTI H           | Awarded. Non-fellowships only | 2013/06/01 | 2028/05/31 | \$1,456,410 | \$1,456,410 | \$765,521   | \$498,297   |
| 128 | T32GM145431 | 5T32GM145431-02   | UNIVERSITY OF UTAH                         | University of Utah Medical Scientist Training Program  | KAY, MICHAEL S            | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$707,937   | \$707,937   | \$616,037   | \$359,616   |
| 129 | T32DK101357 | 2T32DK101357-11   | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Multidisciplinary Training Program in Basic Diabetes Research  | MACDOUGALD, ORMOND A      | Awarded. Non-fellowships only | 2014/09/01 | 2029/08/31 | \$360,546   | \$360,546   | \$210,191   | \$360,546   |
| 130 | F31DE032261 | 5F31DE032261-03   | CINCINNATI CHILDRENS HOSP MED CTR          | Developmental roles of Nr2f1 and Nr2f2 in the vertebrate cranial neural crest  | PAULDING, DAVID           | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$124,918   | \$124,918   | \$101,618   | \$42,986    |
| 131 | T32ES007326 | 5T32ES007326-25   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Research Training Program in Toxicology and Environmental Health   | FLAWS, JODI A             | Awarded. Non-fellowships only | 2000/07/01 | 2025/06/30 | \$1,843,984 | \$1,843,984 | \$1,588,784 | \$382,948   |
| 132 | T32MH082761 | 2T32MH082761-16   | UNIVERSITY OF MINNESOTA                    | Regional Postdoctoral Training Grant in Eating Disorders Research  | PETERSON, CAROL B         | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$360,361   | \$360,361   | \$236,380   | \$360,361   |
| 133 | T32NS131129 | 1T32NS131129-01A1 | STATE UNIVERSITY NEW YORK STONY BROOK      | Training Program in Neuroscience at Stony Brook University: Fostering Quantitative Literacy and Experimental Rigor     | MAFFEI, ARIANNA           | Awarded. Non-fellowships only | 2024/07/10 | 2029/06/30 | \$110,844   | \$110,844   | \$62,070    | \$110,844   |
| 134 | F31NS125905 | 5F31NS125905-03   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE     | Ischemic Stroke in Cerebral Amyloid Angiopathy: Microvascular Injury and Recovery                                      | COLBERT, OLIVIA MARLOWE   | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$132,381   | \$48,974    |
| 135 | T32EB016640 | 2T32EB016640-11   | UNIVERSITY OF CALIFORNIA LOS ANGELES       | Medical Imaging Informatics Training Grant   | BUI, ALEX                 | Awarded. Non-fellowships only | 2013/09/01 | 2029/06/30 | \$220,762   | \$220,762   | \$149,260   | \$220,762   |

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|-----|-------------|-------------------|---|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 136 | T32NS121721 | 1T32NS121721-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Training Program in Brain Tumor Biology  | HJELMELAND, ANITA BORTON    | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$169,941   | \$169,941   | \$118,098   | \$169,941 |
| 137 | T32GM132039 | 2T32GM132039-06   | UNIVERSITY OF PENNSYLVANIA              | Structural biology and molecular biophysics training program   | BLACK, BEN E                | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$439,487   | \$439,487   | \$338,070   | \$439,487 |
| 138 | T32GM144233 | 5T32GM144233-03   | MAYO CLINIC ROCHESTER                   | Predoctoral Training Program in Molecular Pharmacology   | CHOI, DOO-SUP               | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$960,154   | \$960,154   | \$782,776   | \$329,616 |
| 139 | T34GM149502 | 5T34GM149502-02   | VIRGINIA COMMONWEALTH UNIVERSITY        | Virginia Commonwealth University Maximizing Access to Research Careers (VCU MARC)                    | GOLDING, SARAH ELIZABETH    | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$689,556   | \$689,556   | \$519,929   | \$344,778 |
| 140 | T32GM149444 | 5T32GM149444-02   | YALE UNIVERSITY                         | Predoctoral Training at the Interface Chemistry and Biology  | CRAWFORD, JASON MICHAEL     | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,079,894 | \$1,079,894 | \$821,772   | \$549,359 |
| 141 | T34GM153514 | 1T34GM153514-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | MARC at the University of California, Los Angeles  | MCEVOY, MEGAN M             | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$734,566   | \$734,566   | \$574,234   | \$734,566 |
| 142 | T32NR016913 | 5T32NR016913-08   | UNIVERSITY OF WASHINGTON                | Interdisciplinary Nurse Scientist Training in Multilevel Approaches: Biology to Society              | DOUGHERTY, CYNTHIA M        | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,173,264 | \$1,173,264 | \$950,764   | \$399,763 |
| 143 | T32MH019961 | 2T32MH019961-26A1 | YALE UNIVERSITY                         | Clinical Neuroscience Research Training Program in Psychiatry  | PITTENGER, CHRISTOPHER JOHN | Awarded. Non-fellowships only | 1996/09/30 | 2029/06/30 | \$629,666   | \$629,666   | \$194,311   | \$331,731 |
| 144 | T32OD011000 | 5T32OD011000-30   | CORNELL UNIVERSITY                      | Graduate Training Program in Comparative Medicine  | PARKER, JOHN S              | Awarded. Non-fellowships only | 1995/07/20 | 2026/05/31 | \$2,515,994 | \$2,515,994 | \$1,726,363 | \$605,148 |
| 145 | T32DK063687 | 2T32DK063687-21   | UNIVERSITY OF COLORADO DENVER           | Developing Pediatric Endocrinologist for the Future  | STECK, ANDREA               | Awarded. Non-fellowships only | 2002/09/30 | 2029/06/30 | \$350,735   | \$350,735   | \$110,841   | \$350,735 |
| 146 | F30EY035113 | 5F30EY035113-02   | UNIVERSITY OF WASHINGTON                | The Role of the Midbrain Reticular Nucleus in Vision and Perceptual Decision-Making                  | SHAKER, JORDAN ROBERT       | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$88,446    | \$88,446    | \$81,990    | \$44,863  |
| 147 | T32AG081170 | 1T32AG081170-01A1 | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Cross-disciplinary research opportunity for training in AD/ADRD science (CROSSROADS)                 | RUNDEK, TATJANA             | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$277,669   | \$277,669   | \$39,161    | \$277,669 |
| 148 | F30DE029094 | 5F30DE029094-06   | UNIVERSITY OF WASHINGTON                | Characterization of sodium dependent phosphate transporter 2 signaling in hard tissue mineralization | WALCZAK, PHILIP ADAM        | Awarded. Fellowships only     | 2019/07/01 | 2025/06/30 | \$293,192   | \$293,192   | \$277,919   | \$49,374  |
| 149 | T32CA221709 | 2T32CA221709-06A1 | BECKMAN RESEARCH INSTITUTE/CITY OF HOPE | Cancer Metabolism Training Program   | ANN, DAVID K                | Awarded. Non-fellowships only | 2018/09/01 | 2029/05/31 | \$523,948   | \$523,948   | \$135,833   | \$248,089 |
| 150 | T32CA282070 | 1T32CA282070-01A1 | INDIANA UNIVERSITY INDIANAPOLIS         | Surgical Oncology Research Training at Indiana (SORTI)   | BILIMORIA, KARL Y           | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$411,824   | \$411,824   | \$220,477   | \$411,824 |
| 151 | T32HL129964 | 5T32HL129964-09   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Training Program in Imaging Sciences in Translational Cardiovascular Research                        | VILLANUEVA, FLORDELIZA S    | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$1,935,426 | \$1,935,426 | \$1,635,264 | \$566,981 |
| 152 | T32AI089443 | 5T32AI089443-15   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Autoimmunity and Immunopathology Training Program  | SHLOMCHIK, MARK J           | Awarded. Non-fellowships only | 2010/09/01 | 2025/08/31 | \$2,642,242 | \$2,642,242 | \$2,334,204 | \$535,713 |
| 153 | T32HL069768 | 5T32HL069768-23   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Pre-doctoral Training Program in Integrative Vascular Biology  | MACK, CHRISTOPHER P         | Awarded. Non-fellowships only | 2002/04/01 | 2027/06/30 | \$1,471,125 | \$1,471,125 | \$1,354,452 | \$489,576 |
| 154 | T32HL139443 | 5T32HL139443-07   | EMORY UNIVERSITY                        | Research Training in Pediatric Non-Malignant Hematology  | MEEKS, SHANNON L            | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$583,023   | \$583,023   | \$451,049   | \$212,166 |
| 155 | F31AI167695 | 5F31AI167695-03   | WASHINGTON UNIVERSITY                   | Role of HIV-1 capsid in innate sensing of viral nucleic acids  | ESCHBACH, JENNA             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$101,276   | \$101,276   | \$84,281    | \$34,926  |
| 156 | T32GM149438 | 5T32GM149438-02   | YALE UNIVERSITY                         | Predoctoral Program in Biophysics  | XIONG, YONG                 | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,295,873 | \$1,295,873 | \$982,295   | \$659,231 |
| 157 | T32NS105607 | 5T32NS105607-07   | UNIVERSITY OF PENNSYLVANIA              | Graduate Training in Neuroscience  | MA, MINGHONG                | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$1,208,847 | \$1,208,847 | \$1,121,885 | \$566,373 |
| 158 | T90DE032123 | 5T90DE032123-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Dental-Biomedical Engineering Scholars Training (D-BEST) Program                                     | WADHWA, SUNIL               | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$437,135   | \$437,135   | \$103,840   | \$329,548 |
| 159 | T32CA085183 | 5T32CA085183-22   | ROSWELL PARK CANCER INSTITUTE CORP      | Multidisciplinary Approaches to Tumor Immunology   | ABRAMS, SCOTT I             | Awarded. Non-fellowships only | 2001/07/01 | 2028/08/31 | \$287,898   | \$287,898   | \$233,063   | \$143,799 |

|     |             |                 |  |   |                               |                               |            |            |             |             |             |             |
|-----|-------------|-----------------|--|---|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 160 | F32GM150255 | 5F32GM150255-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | Dual protease activated peptides for specific targeting   | TACKIE-YARBOI, ETHEL NAA ODEY | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$143,364   | \$143,364   | \$122,488   | \$74,284    |
| 161 | T32NS099042 | 5T32NS099042-22 | UNIVERSITY OF COLORADO DENVER              | Neuroscience Training Grant   | SCHOPPA, NATHAN ERIC          | Awarded. Non-fellowships only | 2017/03/01 | 2028/06/30 | \$467,952   | \$467,952   | \$466,127   | \$187,950   |
| 162 | T32HL098036 | 5T32HL098036-15 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH     | Vascular Surgery Research Training (VascTrain)  | TZENG, EDITH                  | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$2,459,871 | \$2,459,871 | \$2,198,444 | \$339,068   |
| 163 | T90DE021984 | 5T90DE021984-13 | UNIVERSITY OF WASHINGTON                   | Comprehensive Training in Inter-Disciplinary Oral Health Research   | RAMSAY, DOUGLAS S             | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$1,780,685 | \$1,780,685 | \$1,356,356 | \$625,452   |
| 164 | F31NS127485 | 5F31NS127485-03 | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Elucidating the impact of FIC-1/FICD-mediated AMPylation on polyglutamine aggregation dynamics and toxicity | VAN PELT, KATE MATTHYS        | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$123,094   | \$123,094   | \$114,687   | \$42,652    |
| 165 | F31CA268947 | 5F31CA268947-03 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI    | Neural Mechanisms Driving Comorbid Parkinsons and Melanoma  | DEL VALLE, PAMELA             | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$143,195   | \$48,974    |
| 166 | T32GM007863 | 5T32GM007863-45 | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Michigan Medical Scientist Training Program   | COLLINS, KATHLEEN L           | Awarded. Non-fellowships only | 1980/08/01 | 2025/06/30 | \$7,735,661 | \$7,735,661 | \$7,605,360 | \$1,618,270 |
| 167 | TL1TR001858 | 5TL1TR001858-09 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH     | J. NRSA Training Core   | RADOMSKI, THOMAS              | Awarded. Non-fellowships only | 2016/07/12 | 2026/05/31 | \$3,377,942 | \$3,377,942 | \$3,386,973 | \$999,896   |
| 168 | T32GM135141 | 5T32GM135141-05 | RUTGERS, THE STATE UNIV OF N.J.            | Rutgers Biotechnology Training Program  | YARMUSH, MARTIN L             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,225,461 | \$2,225,461 | \$2,098,956 | \$460,879   |
| 169 | T32DK120497 | 5T32DK120497-05 | WASHINGTON UNIVERSITY                      | Clinical Outcomes Research Training in Female Lower Urinary Tract Disorders                                 | LOWDER, JERRY LANE            | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$878,574   | \$878,574   | \$777,652   | \$192,038   |
| 170 | T32DK064466 | 5T32DK064466-22 | INDIANA UNIVERSITY INDIANAPOLIS            | Diabetes and Obesity Training Grant   | WEK, RONALD C                 | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$652,077   | \$652,077   | \$524,137   | \$301,093   |
| 171 | T32HL007093 | 5T32HL007093-50 | UNIVERSITY OF WASHINGTON                   | HEMATOLOGY TRAINING   | ABKOWITZ, JANIS L             | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$3,369,698 | \$3,369,698 | \$2,806,868 | \$481,126   |
| 172 | T32CA009476 | 5T32CA009476-33 | UNIVERSITY OF NEBRASKA MEDICAL CENTER      | Cancer Biology Training Program   | BLACK, JENNIFER D             | Awarded. Non-fellowships only | 1997/08/22 | 2025/06/30 | \$1,130,716 | \$1,130,716 | \$1,096,879 | \$235,864   |
| 173 | T32NS041218 | 5T32NS041218-23 | GEORGETOWN UNIVERSITY                      | Neural Injury & Plasticity  | MAGUIRE-ZEISS, KATHLEEN ANNE  | Awarded. Non-fellowships only | 2001/07/15 | 2027/06/30 | \$558,674   | \$558,674   | \$494,332   | \$162,589   |
| 174 | T32NS063391 | 5T32NS063391-20 | UNIVERSITY OF MARYLAND BALTIMORE           | Multidisciplinary Training Program in Neuroscience  | MONG, JESSICA AURORA          | Awarded. Non-fellowships only | 2000/09/01 | 2025/06/30 | \$1,277,491 | \$1,277,491 | \$1,186,965 | \$181,926   |
| 175 | F32GM147996 | 5F32GM147996-03 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY      | Development of Novel Biphilic Phosphorus Catalysts via Computational Modeling and Multidimensional Analysis | LAVAGNINO, MARISSA NICOLE     | Awarded. Fellowships only     | 2022/08/17 | 2025/08/16 | \$210,154   | \$210,154   | \$175,370   | \$74,284    |
| 176 | T32NS007338 | 5T32NS007338-35 | UNIVERSITY OF ROCHESTER                    | Experimental Therapeutics in Neurological Disease   | GRIGGS, ROBERT C              | Awarded. Non-fellowships only | 1990/07/01 | 2025/06/30 | \$1,559,759 | \$1,559,759 | \$1,522,962 | \$34,076    |
| 177 | T35OD011145 | 5T35OD011145-20 | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Summer Training in Translational Biomedical Research  | MAHONEY, MEGAN M              | Awarded. Non-fellowships only | 2005/09/25 | 2025/07/31 | \$348,696   | \$348,696   | \$274,304   | \$74,192    |
| 178 | F31HL165916 | 5F31HL165916-03 | AUGUSTA UNIVERSITY                         | Molecular Origins of Phenotypic Changes in the Obese Microvascular Endothelium                              | SELLERS, HUNTER GAGE          | Awarded. Fellowships only     | 2022/08/19 | 2025/08/18 | \$143,420   | \$143,420   | \$89,139    | \$48,974    |
| 179 | F31DC020882 | 5F31DC020882-03 | JOHNS HOPKINS UNIVERSITY                   | The role of supporting cell de-differentiation in cochlear hair cell regeneration                           | MORGAN, CHARLES               | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$132,705   | \$48,974    |
| 180 | F31DA054759 | 5F31DA054759-04 | MEDICAL COLLEGE OF WISCONSIN               | Regulation of neuronal activity in the paraventricular thalamus by chronic morphine                         | FRIEDMAN, VLADISLAV           | Awarded. Fellowships only     | 2021/08/10 | 2026/08/09 | \$189,456   | \$189,456   | \$174,243   | \$48,974    |
| 181 | F30HD103447 | 5F30HD103447-04 | UNIVERSITY OF ILLINOIS AT CHICAGO          | Improving AAV-based gene therapy for Krabbe Disease   | HELLER, GREGORY J             | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$209,456   | \$209,456   | \$198,235   | \$53,974    |
| 182 | T32GM142623 | 5T32GM142623-03 | UNIVERSITY OF GEORGIA                      | T32 Predoctoral Training Grant in Genetics  | DYER, KELLY A                 | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,280,204 | \$1,280,204 | \$1,088,528 | \$439,487   |

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|-----|-------------|-----------------|--|--|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 183 | T32AA013526 | 5T32AA013526-23 | UNIVERSITY OF MISSOURI-COLUMBIA          | Psychology of Alcohol and Addiction Training   | MCCARTHY, DENIS M             | Awarded. Non-fellowships only | 2002/07/01 | 2027/06/30 | \$1,612,940 | \$1,612,940 | \$799,629   | \$560,845 |
| 184 | T32ES033955 | 5T32ES033955-02 | FLORIDA INTERNATIONAL UNIVERSITY         | Training in Environmental Neuroscience   | LUCCHINI, ROBERTO G           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$599,918   | \$599,918   | \$338,737   | \$354,567 |
| 185 | T90DE033006 | 5T90DE033006-02 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Skeletal, Craniofacial and Oral Biology Training Grant   | MINA, MINA                    | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$973,497   | \$973,497   | \$498,407   | \$501,302 |
| 186 | F32DC019533 | 5F32DC019533-03 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Syntactic control of lexical activation during speech production - Resubmission - 1                                      | MORGAN, ADAM M                | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$218,265   | \$218,265   | \$198,533   | \$78,892  |
| 187 | T32CA269115 | 5T32CA269115-02 | MEDICAL COLLEGE OF WISCONSIN             | Biobehavioral Oncology Training Program  | STOLLEY, MELINDA R            | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$536,423   | \$536,423   | \$282,844   | \$366,411 |
| 188 | F32AG072822 | 5F32AG072822-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Determining the Role of Caspase Cleaved Tau in Alzheimer's Disease   | AMBROSE, ANDREW J             | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$231,766   | \$231,766   | \$200,645   | \$83,392  |
| 189 | F31HL168820 | 5F31HL168820-02 | UNIVERSITY OF IOWA                       | Neural Mechanisms of Obesity-Induced Hypertension  | LAULE, CONNOR                 | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$70,120    | \$70,120    | \$52,647    | \$35,700  |
| 190 | F31MH134542 | 5F31MH134542-02 | UNIVERSITY OF IOWA                       | Defining the molecular impact of 16p11.2 deletion on reward response in striatal dopamine receptor D1-expressing neurons | KELVINGTON, BENJAMIN          | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$70,680    | \$70,680    | \$63,249    | \$35,829  |
| 191 | T32GM145734 | 5T32GM145734-03 | VANDERBILT UNIVERSITY                    | Training Program on Genetic Variation and Human Phenotypes   | SAMUELS, DAVID C              | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$960,154   | \$960,154   | \$739,241   | \$329,616 |
| 192 | T32GM008444 | 5T32GM008444-33 | STATE UNIVERSITY NEW YORK STONY BROOK    | Medical Scientist Training Program   | FROHMAN, MICHAEL A            | Awarded. Non-fellowships only | 1992/07/01 | 2026/06/30 | \$4,455,490 | \$4,455,490 | \$4,164,398 | \$902,559 |
| 193 | T32DE014318 | 5T32DE014318-23 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Craniofacial Oral-biology Student Training in Academic Research (COSTAR)   | HARGREAVES, KENNETH M         | Awarded. Non-fellowships only | 2002/07/08 | 2028/06/30 | \$1,177,480 | \$1,177,480 | \$849,679   | \$592,041 |
| 194 | F30CA275039 | 5F30CA275039-03 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Dissecting the mechanisms by which chromosomal instability impacts anti-Disialoganglioside responses in neuroblastoma    | REBERNICK, RYAN               | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$158,420   | \$158,420   | \$133,929   | \$53,974  |
| 195 | T32GM135117 | 5T32GM135117-05 | HARVARD SCHOOL OF PUBLIC HEALTH          | Interdisciplinary training: Statistical Genetics/Genomics and Computational Biology                                      | LIN, XIHONG                   | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,132,920 | \$2,132,920 | \$2,054,887 | \$419,487 |
| 196 | T32GM135123 | 5T32GM135123-04 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Predoctoral Training Program in Bioinformatics and Computational Biology   | VALDAR, WILLIAM               | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,043,943 | \$1,043,943 | \$913,463   | \$274,680 |
| 197 | T32HL134643 | 5T32HL134643-08 | MEDICAL COLLEGE OF WISCONSIN             | Training in Signature Transdisciplinary Cardiovascular Sciences  | BENJAMIN, IVOR JAMES          | Awarded. Non-fellowships only | 2017/05/01 | 2027/06/30 | \$1,622,246 | \$1,622,246 | \$1,096,834 | \$553,947 |
| 198 | TL1TR002388 | 5TL1TR002388-08 | UNIVERSITY OF CHICAGO                    | J. NRSA Training Core  | KUPFER, SONIA                 | Awarded. Non-fellowships only | 2017/09/06 | 2027/06/30 | \$2,359,210 | \$2,359,210 | \$1,138,553 | \$547,442 |
| 199 | T32CA009056 | 5T32CA009056-47 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Tumor Cell Biology Training Program  | CROOKS, GAY M                 | Awarded. Non-fellowships only | 1980/07/01 | 2028/07/31 | \$967,571   | \$967,571   | \$674,936   | \$486,665 |
| 200 | T90DE022736 | 5T90DE022736-13 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Dental Academic Research Training Program (DART)   | JAVED, AMJAD                  | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$1,481,342 | \$1,481,342 | \$1,150,039 | \$595,586 |
| 201 | T32GM008638 | 5T32GM008638-28 | CHILDREN'S HOSP OF PHILADELPHIA          | Medical Genetics Research Training Grant   | GANETZKY, REBECCA             | Awarded. Non-fellowships only | 1997/07/01 | 2027/06/30 | \$1,334,590 | \$1,334,590 | \$1,206,339 | \$476,441 |
| 202 | T32HL134629 | 5T32HL134629-07 | WEILL MEDICAL COLL OF CORNELL UNIV       | Multidisciplinary Approach Training in Respiratory Research  | STOUT DELGADO, HEATHER WINONA | Awarded. Non-fellowships only | 2018/02/01 | 2028/06/30 | \$1,348,132 | \$1,348,132 | \$1,104,883 | \$684,868 |
| 203 | T32AI148103 | 5T32AI148103-05 | PURDUE UNIVERSITY                        | Drug Discovery in Infectious Disease Training  | STAHELIN, ROBERT VIRGIL       | Awarded. Non-fellowships only | 2020/06/12 | 2025/05/31 | \$948,570   | \$948,570   | \$744,060   | \$180,646 |
| 204 | T32CA200561 | 5T32CA200561-11 | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Training of Surgeon Scientists in Basic and Translational Cancer Research  | MCAULIFFE, JOHN               | Awarded. Non-fellowships only | 2015/09/25 | 2025/06/30 | \$1,554,666 | \$1,554,666 | \$1,425,313 | \$279,016 |
| 205 | F31DC021102 | 5F31DC021102-02 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Consequences of Perinatal Nicotine Exposure on Functional Brainstem Development  | WOLLET, MACKENNA              | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$76,592    | \$62,480    | \$54,134    | \$38,936  |

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|-----|-------------|-------------------|---|--|---------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 206 | T32DE007306 | 5T32DE007306-28   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Oral and Craniofacial Sciences Health Research Training  | DEN BESTEN, PAMELA K            | Awarded. Non-fellowships only | 1996/08/01 | 2028/06/30 | \$1,334,734 | \$1,334,734 | \$1,019,788 | \$689,065 |
| 207 | T32MH019938 | 5T32MH019938-30   | STANFORD UNIVERSITY                     | A Biobehavioral research Training Program  | SCHATZBERG, ALAN F              | Awarded. Non-fellowships only | 1994/09/30 | 2025/06/30 | \$1,782,678 | \$1,782,678 | \$1,494,496 | \$432,665 |
| 208 | T32HL086350 | 5T32HL086350-17   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Training Program in Basic and Translational Cardiovascular Science   | CADEIRAS, MARTIN                | Awarded. Non-fellowships only | 2008/03/01 | 2028/06/30 | \$834,481   | \$834,481   | \$685,237   | \$343,864 |
| 209 | T32GM141746 | 5T32GM141746-04   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Biomedical Informatics and Data Science Training Program (BIDS-TP)   | DINOV, IVO D                    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,650,307 | \$439,487 |
| 210 | F31DC020345 | 5F31DC020345-03   | TUFTS UNIVERSITY BOSTON                 | A small calcium-binding protein may be key to stabilizing the sensory hair cell stereocilia Elongation Complex | HARTIG, ELLEN I                 | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$133,670   | \$133,670   | \$113,037   | \$44,724  |
| 211 | F31AI172360 | 5F31AI172360-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Mechanistic investigation of differential T cell responses to distinct Mycobacterium tuberculosis antigens     | HOWARD, ZACHARY                 | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$131,910   | \$131,910   | \$125,431   | \$45,498  |
| 212 | F32HD115421 | 1F32HD115421-01   | UNIVERSITY OF PENNSYLVANIA              | Astrocyte dynamics in spinal cord injury and their impact on regeneration                                      | HULEGAARD, ALEXANDRIA LASSETTER | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$76,828    | \$76,828    | \$54,624    | \$76,828  |
| 213 | F30NS134280 | 1F30NS134280-01A1 | BOSTON UNIVERSITY MEDICAL CAMPUS        | Neuroinflammatory Alterations in Post-Traumatic Stress Disorder and Chronic Traumatic Encephalopathy           | CALDERAZZO, SAMANTHA            | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$53,974    | \$53,974    | \$42,048    | \$53,974  |
| 214 | F31AT012836 | 1F31AT012836-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Modulation of pain hypersensitivity by terpenes via endocannabinoid release in descending circuits             | RICE, MYRA JANE                 | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$44,671    | \$44,671    | \$37,567    | \$44,671  |
| 215 | F32GM145088 | 5F32GM145088-03   | HARVARD UNIVERSITY                      | Multi-nuclear Iron Clusters as Biomimics of Nitrogenase Enzyme Metallocofactors                                | LATENDRESSE, TREVOR             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$216,430   | \$216,430   | \$182,215   | \$79,756  |
| 216 | T32AR007107 | 5T32AR007107-50   | YALE UNIVERSITY                         | Training Program in Investigative Rheumatology   | BUCALA, RICHARD J               | Awarded. Non-fellowships only | 1976/07/01 | 2026/08/31 | \$1,474,373 | \$1,474,373 | \$1,157,862 | \$335,823 |
| 217 | F32HL160073 | 5F32HL160073-03   | BAYLOR COLLEGE OF MEDICINE              | Interactions of the Noradrenergic and Serotonergic Systems in Autoresuscitation                                | LUSK, SAVANNAH J                | Awarded. Fellowships only     | 2022/09/15 | 2025/09/14 | \$232,938   | \$232,938   | \$195,173   | \$84,364  |
| 218 | F32GM148114 | 5F32GM148114-03   | STANFORD UNIVERSITY                     | Model-based optimization of pain management in surgical patients   | LIU, RAN                        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$210,154   | \$210,154   | \$178,352   | \$74,284  |
| 219 | F31GM154464 | 1F31GM154464-01   | UT SOUTHWESTERN MEDICAL CENTER          | Targeting hyper-reactive cysteines within PPI interfaces   | DURHAM, JESSE                   | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$40,049    | \$40,049    | \$27,323    | \$40,049  |
| 220 | F30AR081675 | 5F30AR081675-03   | WRIGHT STATE UNIVERSITY                 | Treating Hyperkalemic Periodic Paralysis   | DUPONT, CHRISTOPHER             | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$143,186   | \$143,186   | \$98,045    | \$53,974  |
| 221 | T32CA009138 | 5T32CA009138-50   | UNIVERSITY OF MINNESOTA                 | Molecular, Genetic and Cellular Targets of Cancer Training Program   | LANGE, CAROL A                  | Awarded. Non-fellowships only | 1980/07/01 | 2025/07/31 | \$2,687,816 | \$2,687,816 | \$2,476,977 | \$551,364 |
| 222 | F31NS132555 | 5F31NS132555-02   | UNIVERSITY OF OREGON                    | Investigating the Molecular Mechanisms that Drive Electrical Synapse Development                               | KAYE, LILA E                    | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$94,856    | \$94,856    | \$85,825    | \$48,068  |
| 223 | F31NS134253 | 1F31NS134253-01A1 | HARVARD MEDICAL SCHOOL                  | Non-Classical Ion Channel Function in Human Cortical Histogenesis  | HYLTON, NORMA KIMBERLEA         | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$53,974    | \$53,974    | \$32,248    | \$53,974  |
| 224 | F30MH136683 | 1F30MH136683-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Impact of Species-Specific Synaptic Maturation Timing on Cortical Circuit and Behavioral Development           | RECUPERO, ALEKSANDRA            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$50,937    | \$50,937    | \$50,937    | \$50,937  |
| 225 | F31NS137765 | 1F31NS137765-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Elucidating the Role of Neural Activity in Midbrain Dopamine Neuron Degeneration                               | RADEMACHER, KATERINA            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$43,464    | \$43,464    | \$19,595    | \$43,464  |
| 226 | F31AG084260 | 1F31AG084260-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Astrocytic Na/H exchanger in AD astrogliosis   | COLLIER, JENELLE MONET          | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974    | \$48,974    | \$33,651    | \$48,974  |
| 227 | F32CA284698 | 1F32CA284698-01A1 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | Impact of bidirectional signaling between megakaryocytes and osteosarcoma cells on metastasis                  | TRAVIS, OLIVIA KRISTELL         | Awarded. Fellowships only     | 2024/05/15 | 2027/05/14 | \$74,284    | \$74,284    | \$60,912    | \$74,284  |



|     |             |                   |  |  |                           |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 228 | F31HD113401 | 1F31HD113401-01A1 | UNIVERSITY OF OREGON                     | Sonic hedgehog signaling and skeletal patterning during zebrafish fin regeneration   | HORST, SAMUEL G           | Awarded. Fellowships only     | 2024/06/16 | 2027/05/15 | \$97,948    | \$97,948    | \$43,311    | \$48,974  |
| 229 | F32MH134455 | 5F32MH134455-02   | JOHNS HOPKINS UNIVERSITY                 | Multisensory integration and self-motion perception in primate vestibular cortex   | GOMEZ, ALEJANDRA          | Awarded. Fellowships only     | 2023/08/16 | 2025/08/15 | \$152,512   | \$152,512   | \$115,080   | \$78,828  |
| 230 | T32CA251062 | 5T32CA251062-05   | BRIGHAM AND WOMEN'S HOSPITAL             | Oncopathology Training Program   | ASTER, JON C              | Awarded. Non-fellowships only | 2020/08/04 | 2025/07/31 | \$1,854,304 | \$1,854,304 | \$1,374,886 | \$377,149 |
| 231 | F30AI181450 | 1F30AI181450-01A1 | UNIVERSITY OF MINNESOTA                  | Investigating the local and systemic coordination of antiviral immunity by tissue-resident memory CD8 T cells in the skin  | SMITH, OLIVIA C           | Awarded. Fellowships only     | 2024/08/26 | 2027/08/25 | \$53,974    | \$53,974    | \$38,037    | \$53,974  |
| 232 | F31HL173986 | 1F31HL173986-01   | UNIVERSITY OF MINNESOTA                  | Mechanistic Analysis of Aortic Growth and Remodeling due to Hyperglycemia and Recovery   | FLANARY, SHANNON M        | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,574    | \$42,574    | \$23,624    | \$42,574  |
| 233 | F31MH131342 | 5F31MH131342-03   | UNIVERSITY OF CALIFORNIA BERKELEY        | Prefrontal-Hippocampal Interactions during Model-Based Learning  | HU, ERIC                  | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$133,719   | \$133,719   | \$113,975   | \$46,368  |
| 234 | F31AR081700 | 5F31AR081700-03   | UNIVERSITY OF CALIFORNIA BERKELEY        | Establishing the role of genetic variation in vitamin D-regulated gene expression in Sjogrens disease pathogenesis   | YILMAZ, DEFNE             | Awarded. Fellowships only     | 2022/08/30 | 2025/08/29 | \$120,908   | \$120,908   | \$86,880    | \$41,470  |
| 235 | F30CA271797 | 5F30CA271797-03   | STANFORD UNIVERSITY                      | Defining the Role of Senescence in Limiting Therapeutic Efficacy of CAR T Cells  | MURTY, TARA               | Awarded. Fellowships only     | 2022/08/15 | 2026/08/14 | \$121,859   | \$121,859   | \$98,437    | \$41,787  |
| 236 | F32CA261118 | 7F32CA261118-03   | DUKE UNIVERSITY                          | Targeting histone methyltransferase EZH2 for the treatment of hematological cancer   | KIM, A-RUM                | Awarded. Fellowships only     | 2022/03/01 | 2026/05/31 | \$229,214   | \$229,213   | \$141,287   | \$45,782  |
| 237 | F31HL170590 | 1F31HL170590-01A1 | UNIVERSITY OF PENNSYLVANIA               | Uncovering the function of Ednrb in perivascular macrophages   | MOLINA, WILLIAM           | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974    | \$48,974    | \$45,099    | \$48,974  |
| 238 | F30AG074629 | 5F30AG074629-04   | YALE UNIVERSITY                          | Investigating the Neuronal Signals Initiating Synapse Loss in Aging and Alzheimers Disease   | WOO, ELIZABETH KA-YOON    | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$149,021   | \$149,021   | \$131,588   | \$53,974  |
| 239 | F32DC021847 | 1F32DC021847-01   | UNIVERSITY OF MINNESOTA                  | Prosody perception in cochlear implant listeners   | WHEELER, HARLEY JAMES     | Awarded. Fellowships only     | 2024/05/31 | 2026/05/30 | \$76,984    | \$76,984    | \$63,898    | \$76,984  |
| 240 | F31CA291047 | 1F31CA291047-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Defining the Mechanistic Impact of PRC1 Overexpression on Mammalian Spindle Mechanics  | MULLIN-BERNSTEIN, ZACHARY | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$41,493    | \$41,493    | \$29,733    | \$41,493  |
| 241 | F30HL174128 | 1F30HL174128-01   | UNIVERSITY OF WISCONSIN-MADISON          | Investigating the role of myeloid-derived growth factor in opposing neutrophil mechanical activation to regulate cardiac healing in the context of myocardial infarction | SCHROPE, JON              | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$40,013    | \$40,013    | \$36,840    | \$40,013  |
| 242 | F32HL167318 | 5F32HL167318-02   | STANFORD UNIVERSITY                      | Spatiotemporal Atlas of Cellular Networks and Ultrastructural States Mediating the Progression and Resolution of Pulmonary Fibrosis                                      | GUO, JASON LIWEI          | Awarded. Fellowships only     | 2023/07/18 | 2026/07/17 | \$146,256   | \$146,256   | \$124,349   | \$76,756  |
| 243 | T32DC005361 | 5T32DC005361-23   | UNIVERSITY OF WASHINGTON                 | Auditory Neuroscience Training Program   | PERKEL, DAVID J           | Awarded. Non-fellowships only | 2002/07/01 | 2027/06/30 | \$1,383,212 | \$1,383,212 | \$799,730   | \$536,345 |
| 244 | F31AI179166 | 1F31AI179166-01A1 | UNIVERSITY OF PENNSYLVANIA               | Notch2 Amplification of B Cell Division and Differentiation Fates  | LONDREGAN, JENNIFER       | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$36,662    | \$36,662    | \$27,412    | \$36,662  |
| 245 | F30CA257566 | 5F30CA257566-04   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Development of a Surgical Drug Delivery System for Enhancement of CAR T Cell Activity  | BRESSLER, ERIC            | Awarded. Fellowships only     | 2021/09/09 | 2025/09/08 | \$209,456   | \$209,456   | \$69,330    | \$53,974  |
| 246 | T32GM141745 | 5T32GM141745-04   | HARVARD MEDICAL SCHOOL                   | Program in Genetics and Genomics PhD Training Grant  | KENNEDY, SCOTT G          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,505,462 | \$2,505,462 | \$2,152,460 | \$659,231 |
| 247 | F30CA268735 | 5F30CA268735-03   | UNIVERSITY OF SOUTHERN CALIFORNIA        | The role of patient experiences with care in older adult colorectal cancer patients with comorbid chronic conditions   | NAVARRO, STEPHANIE ARIANA | Awarded. Fellowships only     | 2022/09/02 | 2026/09/01 | \$157,450   | \$157,450   | \$73,786    | \$53,974  |
| 248 | F32GM154439 | 1F32GM154439-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Mechanistic insight to the interaction between AAA+ disaggregases and the Hsp70 molecular chaperone system   | FLORES, RACHEL L          | Awarded. Fellowships only     | 2024/07/01 | 2025/06/30 | \$76,744    | \$76,744    | \$0         | \$76,744  |

|     |             |                   |  |  |                            |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 249 | F32EY035573 | 1F32EY035573-01A1 | EMORY UNIVERSITY                       | Investigating the role of scleral fibroblasts in refractive development and myopia   | BENTLEY, MELISSA R         | Awarded. Fellowships only     | 2024/06/01 | 2025/05/31 | \$74,284    | \$74,284    | \$60,408    | \$74,284  |
| 250 | F31HG012321 | 5F31HG012321-03   | WASHINGTON UNIVERSITY                  | Developing mutable barcodes for high-resolution single-cell lineage tracing  | VANHORN, SADIE M           | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$101,222   | \$101,222   | \$80,370    | \$34,908  |
| 251 | F30AG074618 | 5F30AG074618-04   | COLUMBIA UNIVERSITY HEALTH SCIENCES    | Alzheimers Disease Genetic Risk and Microglial Innate Immune Memory  | CHATILA, ZENA              | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$199,984   | \$199,984   | \$195,280   | \$53,974  |
| 252 | F32AG087642 | 1F32AG087642-01   | BRIGHAM AND WOMEN'S HOSPITAL           | Development of an Ultrasensitive Blood-based Diagnostic for Alzheimers Disease   | ZHANG, STEPHANIE J         | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$76,528    | \$76,528    | \$55,672    | \$76,528  |
| 253 | F31MH136823 | 1F31MH136823-01   | YALE UNIVERSITY                        | Improving statistical power for human structural and functional connectomes  | RODRIGUEZ, RAIMUNDO XAVIER | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,146    | \$42,146    | \$17,740    | \$42,146  |
| 254 | F31AI179240 | 1F31AI179240-01A1 | UNIVERSITY OF PENNSYLVANIA             | Impact of Toxoplasma gondii on Treg homeostasis  | LANZAR, ZACHARY R          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$48,974    | \$48,974    | \$38,618    | \$48,974  |
| 255 | F31AI183758 | 1F31AI183758-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM    | Influenza Mediated ER Stress and Secondary Bacterial Infections  | EARNHARDT, ERIN YEPSEN     | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$42,574    | \$42,574    | \$24,726    | \$42,574  |
| 256 | F30MH132282 | 5F30MH132282-03   | YALE UNIVERSITY                        | The Role of the ASD Risk Gene CHD8 in Neural Development   | FITZPATRICK, SARAH E       | Awarded. Fellowships only     | 2022/09/16 | 2026/09/15 | \$98,174    | \$98,174    | \$82,311    | \$33,892  |
| 257 | T32HL150389 | 5T32HL150389-05   | CLEVELAND STATE UNIVERSITY             | CD-Cavs: Cross-Disciplinary Cardiovascular Sciences Training Program to Diversify the STEM workforce   | BOND, MEREDITH             | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$951,063   | \$951,063   | \$843,118   | \$193,198 |
| 258 | F32GM154449 | 1F32GM154449-01   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Identification and Biosynthesis of Dehydrated Nonribosomal Peptides from Streptomyces  | MULL, RYAN WYATT           | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$74,284    | \$74,284    | \$56,664    | \$74,284  |
| 259 | F31DE033915 | 1F31DE033915-01   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Determining the role of cell-cell adhesions in palate closure  | KING, JULIET STANTON       | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$41,218    | \$41,218    | \$19,038    | \$41,218  |
| 260 | T32AI162691 | 5T32AI162691-04   | COLORADO STATE UNIVERSITY              | CSU Infectious Disease Research and Response Training Program  | DEAN, GREGG A              | Awarded. Non-fellowships only | 2021/09/17 | 2026/08/31 | \$1,608,015 | \$1,608,015 | \$1,371,709 | \$466,724 |
| 261 | F31MH134549 | 5F31MH134549-02   | NORTHWESTERN UNIVERSITY AT CHICAGO     | The role of nigrostriatal and striatal cell subtype signaling in behavioral impairments related to schizophrenia   | MOYA, NICOLETTE A          | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$87,094    | \$87,094    | \$50,416    | \$44,187  |
| 262 | T34GM147348 | 5T34GM147348-02   | NEW MEXICO STATE UNIVERSITY LAS CRUCES | Bridge to the Baccalaureate Research Training Program at New Mexico State University   | LYONS, BARBARA A           | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$541,154   | \$541,154   | \$116,230   | \$269,182 |
| 263 | T32DE032994 | 5T32DE032994-02   | OHIO STATE UNIVERSITY                  | Multidisciplinary Research Training in Dental, Oral, and Craniofacial Sciences (MARTDOCS)  | MALLERY, SUSAN R           | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$1,074,346 | \$1,074,346 | \$209,164   | \$548,967 |
| 264 | T32AR050942 | 5T32AR050942-19   | STANFORD UNIVERSITY                    | Training Program in Adult and Pediatric Rheumatology   | LEWIS, DAVID BRAM          | Awarded. Non-fellowships only | 2005/05/01 | 2026/06/30 | \$1,278,110 | \$1,278,110 | \$1,304,202 | \$363,366 |
| 265 | F31CA284500 | 1F31CA284500-01A1 | HARVARD MEDICAL SCHOOL                 | Understanding B cell immunity in Merkel cell carcinoma   | SCHNABEL, JULIA            | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$43,203    | \$43,203    | \$31,952    | \$43,203  |
| 266 | F31DA057062 | 5F31DA057062-02   | CLEMSON UNIVERSITY                     | Systems Genetics of Cocaine Preference in Drosophila   | HATFIELD, JEFFREY S        | Awarded. Fellowships only     | 2023/09/08 | 2025/09/07 | \$96,668    | \$96,668    | \$64,301    | \$48,974  |
| 267 | F30AI174785 | 5F30AI174785-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES    | Induction and maintenance of SARS-CoV-2 mRNA vaccine-specific memory across tissues  | DAVIS-PORADA, JULIA MEGHAN | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$100,144   | \$100,144   | \$100,144   | \$50,974  |
| 268 | F31AG077931 | 5F31AG077931-03   | INDIANA UNIVERSITY INDIANAPOLIS        | Impacts of SARS-CoV-2 Infection and Age on Musculoskeletal Health  | AWOSANYA, OLATUNDUN DUPE   | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$120,928   | \$120,928   | \$90,334    | \$41,715  |
| 269 | F31AG077897 | 5F31AG077897-03   | RUTGERS, THE STATE UNIV OF N.J.        | Measurement of Exercise Avoidance and False Safety Behaviors in Older Adults   | KIBBEY, MINDY MICHELLE     | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$142,037   | \$142,037   | \$89,989    | \$48,513  |
| 270 | F31AA031596 | 1F31AA031596-01   | UNIVERSITY OF ROCHESTER                | Improving Mental Health Outcomes for Fetal Alcohol Spectrum Disorder: Tailoring Dialectical Behavior Therapy for Adolescents in a Community Mental Health Clinic | ROCKHOLD, MADELINE NICOLLE | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$48,974    | \$48,974    | \$43,588    | \$48,974  |
| 271 | F32AI178963 | 1F32AI178963-01A1 | UNIVERSITY OF WASHINGTON               | Understanding and overcoming Plasmodium-specific immune evasion mechanisms   | MCDUGAL, COURTNEY          | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$76,756    | \$76,756    | \$67,998    | \$76,756  |



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|-----|-------------|-------------------|--|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 272 | T32EB029365 | 5T32EB029365-04   | CARNEGIE-MELLON UNIVERSITY               | Integrative Training in Neural Interfacing   | HE, BIN                  | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$846,231   | \$846,231   | \$718,998   | \$193,330 |
| 273 | F32AG084259 | 1F32AG084259-01A1 | MASSACHUSETTS GENERAL HOSPITAL           | Conjoint Effects of Dopamine and Tau on Cognition in Aging   | MORIN, THOMAS            | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$78,784    | \$78,784    | \$47,181    | \$78,784  |
| 274 | F31HD113267 | 5F31HD113267-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | The Mute button: Turning down the volume of histone expression   | GEISLER, MARK STEPHEN    | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$66,783    | \$48,974  |
| 275 | T32HL007891 | 5T32HL007891-27   | UNIVERSITY OF PENNSYLVANIA               | Cardiology and Pulmonary Clinical Research Training Program  | CHRISTIE, JASON D        | Awarded. Non-fellowships only | 1998/07/01 | 2028/07/31 | \$1,191,428 | \$1,191,428 | \$1,039,678 | \$563,143 |
| 276 | F31HL170693 | 5F31HL170693-02   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Angiotensin-(1-7) engages hypothalamic arcuate-paraventricular nucleus inhibitory pathways to lower blood pressure                     | VERNAIL, VICTORIA LYNN   | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$70,296    | \$70,296    | \$53,515    | \$35,788  |
| 277 | T32AG051108 | 5T32AG051108-09   | HARVARD MEDICAL SCHOOL                   | MD-PhD Training Program in Aging and the Social/Behavioral Sciences  | MCWILLIAMS, JOHN MICHAEL | Awarded. Non-fellowships only | 2015/08/01 | 2026/07/31 | \$922,931   | \$922,931   | \$691,617   | \$241,688 |
| 278 | T32HL076132 | 5T32HL076132-20   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | CVD Epidemiology Training Program  | HERRINGTON, DAVID MCLEOD | Awarded. Non-fellowships only | 2004/07/01 | 2025/06/30 | \$1,998,963 | \$1,998,963 | \$2,117,957 | \$288,063 |
| 279 | F32DK132810 | 5F32DK132810-03   | NEW YORK UNIVERSITY                      | The role of mucosal serotonin in visceral nociception and gut motility   | NAJJAR, SARAH            | Awarded. Fellowships only     | 2022/09/07 | 2025/09/06 | \$218,266   | \$218,266   | \$183,262   | \$78,892  |
| 280 | T32AG078114 | 5T32AG078114-03   | UNIVERSITY OF KANSAS MEDICAL CENTER      | Multidisciplinary Research Training Program in Alzheimers Disease and Related Disorders  | VIDONI, ERIC DENNIS      | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$907,387   | \$907,387   | \$479,398   | \$317,625 |
| 281 | F30MH136702 | 1F30MH136702-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Mobile Crisis Workforce Pipeline: Meeting the Needs of Illinois  | FINE, JEREMY DAVID       | Awarded. Fellowships only     | 2024/08/01 | 2029/07/31 | \$41,241    | \$41,241    | \$34,640    | \$41,241  |
| 282 | F31AI172382 | 5F31AI172382-03   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Determine host surface interactions of MARTX toxin of foodborne Vibrio vulnificus  | CHEN, JIEXI              | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$130,768   | \$130,768   | \$113,577   | \$45,336  |
| 283 | F31AI178967 | 1F31AI178967-01A1 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Innate immune roles of glycoRNA  | GRAZIANO, VINCENT ROBERT | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$45,122    | \$45,122    | \$33,337    | \$45,122  |
| 284 | F32HL166065 | 5F32HL166065-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Isolated Abnormality in the Diffusion Capacity for Carbon Monoxide in People Living with HIV – Epidemiology, Etiology and Pathogenesis | BYANOVA, KATERINA L      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$257,288   | \$257,288   | \$220,326   | \$91,238  |
| 285 | F32HL168780 | 5F32HL168780-02   | UNIVERSITY OF WASHINGTON                 | Proteomic Signatures Associated with Right Ventricular Failure and Mortality in Pulmonary Arterial Hypertension                        | PI, HONGYANG             | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$176,416   | \$176,416   | \$147,480   | \$90,988  |
| 286 | F31AA031607 | 1F31AA031607-01   | PENNSYLVANIA STATE UNIVERSITY, THE       | A daily diary study examining alcohol-induced blackouts among college students using alcohol sensors                                   | GLENN, SHANNON DELIA     | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$26,287    | \$48,974  |
| 287 | T32GM146648 | 5T32GM146648-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Chemistry-Biology Interfaces at UCSD   | BURKART, MICHAEL D       | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$546,947   | \$546,947   | \$442,804   | \$188,692 |
| 288 | F32CA290798 | 1F32CA290798-01   | CINCINNATI CHILDRENS HOSP MED CTR        | The role of ERBB2 signaling in HPV-induced pathologies   | RIVERA-CRUZ, COSETTE M   | Awarded. Fellowships only     | 2024/07/01 | 2025/06/30 | \$76,514    | \$76,514    | \$61,006    | \$76,514  |
| 289 | T32HL007953 | 5T32HL007953-24   | UNIVERSITY OF PENNSYLVANIA               | Training in Sleep & Sleep Disorders  | PACK, ALLAN I            | Awarded. Non-fellowships only | 2000/09/01 | 2026/07/31 | \$1,979,664 | \$1,979,664 | \$1,526,043 | \$507,891 |
| 290 | T32CA009171 | 5T32CA009171-48   | WISTAR INSTITUTE                         | Training Program in Basic Cancer Research  | GARDINI, ALESSANDRO      | Awarded. Non-fellowships only | 1976/07/01 | 2027/07/31 | \$1,485,525 | \$1,485,525 | \$1,428,100 | \$558,485 |
| 291 | F31HL164060 | 5F31HL164060-03   | UNIVERSITY OF WASHINGTON                 | Mechanisms of cardiomyocyte dysfunction due to the E258K-MYBPC3 mutation modeled in patient-derived cardiomyocytes                     | STECZINA, SONETTE        | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$137,366   | \$137,366   | \$125,052   | \$46,956  |
| 292 | T32HL144472 | 2T32HL144472-06A1 | UNIVERSITY OF MINNESOTA                  | Training Program in Cardiac Innovation   | DUDLEY, SAMUEL C         | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$434,201   | \$434,201   | \$220,538   | \$434,201 |

|     |             |                   |   |   |                         |                               |            |            |           |           |           |           |
|-----|-------------|-------------------|---|---|-------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 293 | T34GM154615 | 1T34GM154615-01   | COLLEGE OF NEW JERSEY                   | New Jersey Biomed-Bridge (NJBB) Scholars Program: Supporting Central NJ Community College Students in their Transition to Biomedical Research Pathways at The College of New Jersey | CLEMENT, WENDY          | Awarded. Non-fellowships only | 2024/08/09 | 2029/07/31 | \$134,383 | \$134,383 | \$8,720   | \$134,383 |
| 294 | F31DK137447 | 5F31DK137447-02   | UNIVERSITY OF WISCONSIN-MADISON         | Functionalizing a T1D/T2D-associated locus within an intron of GLIS3.   | CLARK, LAUREN ELIZABETH | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$71,428  | \$71,428  | \$51,995  | \$36,354  |
| 295 | T32TR004366 | 5T32TR004366-02   | UNIVERSITY OF COLORADO DENVER           | CTSA Postdoctoral T32 at University of Colorado Denver  | CICUTTO, LISA           | Awarded. Non-fellowships only | 2023/09/18 | 2028/06/30 | \$771,713 | \$771,713 | \$253,200 | \$395,710 |
| 296 | F30HD111263 | 5F30HD111263-02   | YALE UNIVERSITY                         | Ovarian Function Among Samoan Women with Obesity  | OYAMA, SAKURAKO         | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$86,290  | \$86,290  | \$66,615  | \$53,678  |
| 297 | F31CA260781 | 5F31CA260781-04   | UNIVERSITY OF PENNSYLVANIA              | Molecular and cancer-related roles of ACLY exon 14  | SUPPLEE, JULIANNA       | Awarded. Fellowships only     | 2021/06/01 | 2025/08/18 | \$189,456 | \$189,456 | \$174,727 | \$48,974  |
| 298 | F31NS131025 | 5F31NS131025-02   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Establishing an Atrophy-Based Functional Network Model as a Biomarker for Seizure-Onset Laterality  | TOWNE, JONATHAN MICHAEL | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$75,410  | \$75,410  | \$51,115  | \$38,476  |
| 299 | F31DK135385 | 5F31DK135385-02   | UNIVERSITY OF WISCONSIN-MADISON         | The role of dietary cholesterol in Nonalcoholic fatty liver disease through the action of gut microbiota  | HERMANSON, JAKE BRENNER | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$72,446  | \$72,446  | \$64,589  | \$36,863  |
| 300 | F30MH132277 | 5F30MH132277-03   | HARVARD MEDICAL SCHOOL                  | Biochemical and Biophysical Tuning of Presynaptic Function by the Clock Protein BMAL1   | GILETTE, NICOLE MARIE   | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$145,603 | \$145,603 | \$103,953 | \$53,974  |
| 301 | F31DE032898 | 5F31DE032898-02   | BAYLOR COLLEGE OF MEDICINE              | Molecular mechanisms regulating cranial sensory development   | MAUNSELL, HELEN RUTH    | Awarded. Fellowships only     | 2023/09/14 | 2026/08/14 | \$98,268  | \$98,268  | \$84,195  | \$49,774  |
| 302 | F31CA265165 | 5F31CA265165-04   | COLORADO STATE UNIVERSITY               | Dogs as a high fidelity, high throughput model to evaluate CAR-T cell function and dysfunction  | BRILL, SAMUEL           | Awarded. Fellowships only     | 2021/09/15 | 2026/09/14 | \$165,420 | \$165,420 | \$137,114 | \$48,974  |
| 303 | F31DC021107 | 5F31DC021107-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Naturalistic Social Communication in Autistic Females: Identification of Speech Prosody Markers   | PUTNAM, ORLA CAROLINE   | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$83,868  | \$83,868  | \$47,253  | \$42,574  |
| 304 | F30MD018941 | 5F30MD018941-02   | YALE UNIVERSITY                         | Characterizing neuroimaging brain-behavior model performance bias in rural populations  | ADKINSON, BRENDAN       | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$66,504  | \$66,504  | \$51,068  | \$33,892  |
| 305 | F31HD113236 | 5F31HD113236-02   | UT SOUTHWESTERN MEDICAL CENTER          | Examining the role of specific NMDA receptor subunits in cortical circuit dysfunction in Fragile X Syndrome   | SHEDD, ALEYA MICHELLE   | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$78,144  | \$78,144  | \$60,879  | \$39,712  |
| 306 | F31AI176728 | 5F31AI176728-02   | UNIVERSITY OF COLORADO DENVER           | Investigating the Formation and Function of Subgenomic Flavivirus RNAs During Flavivirus Infection of the Mosquito Vector   | SPEAR, ELIZABETH        | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$74,249  | \$74,249  | \$62,489  | \$37,773  |
| 307 | T32HL170967 | 1T32HL170967-01A1 | BAYLOR COLLEGE OF MEDICINE              | Cardiovascular Research and Drug Development (CRDD) training program  | WEHRENS, XANDER H T     | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$286,968 | \$286,968 | \$149,849 | \$286,968 |
| 308 | T32AI100829 | 2T32AI100829-11A1 | UNIVERSITY OF CALIFORNIA BERKELEY       | Immunology & Molecular Medicine Program Training Grant  | ROBEY, ELLEN A          | Awarded. Non-fellowships only | 2012/07/01 | 2029/07/31 | \$472,621 | \$472,621 | \$315,795 | \$472,621 |
| 309 | F31HL167420 | 5F31HL167420-02   | UNIVERSITY OF ARIZONA                   | Blunting of the Myofilament Beta-Adrenergic Response in HCM: Structural-Dynamic Mechanisms  | CASTILLO, ROMI L        | Awarded. Fellowships only     | 2023/08/15 | 2025/08/14 | \$85,044  | \$85,044  | \$83,059  | \$43,162  |
| 310 | T35OD011070 | 2T35OD011070-16   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Interdisciplinary Biomedical Research Training Program  | JONES, SAMUEL L         | Awarded. Non-fellowships only | 2009/06/01 | 2029/08/31 | \$89,030  | \$89,030  | \$42,109  | \$89,030  |
| 311 | F32HL170648 | 5F32HL170648-02   | NORTHWESTERN UNIVERSITY AT CHICAGO      | The functional role of DDX41 in myelodysplastic syndromes   | BI, HONGHAO             | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$160,636 | \$160,636 | \$101,989 | \$84,364  |
| 312 | F30MH132298 | 5F30MH132298-02   | HARVARD MEDICAL SCHOOL                  | Investigating the impact of chronic stress on distinct axes of dopamine signaling   | GREEN, ISOBEL WOUK      | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$90,997  | \$90,997  | \$61,919  | \$53,974  |
| 313 | T35OD010946 | 2T35OD010946-16   | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | Summer Veterinary Student Research Fellows at Wake Forest University  | KAVANAGH, KYLIE         | Awarded. Non-fellowships only | 2009/04/01 | 2029/05/31 | \$5,028   | \$52,615  | \$28,900  | \$5,028   |
| 314 | F31EY033205 | 5F31EY033205-02   | JOHNS HOPKINS UNIVERSITY                | Modality-independent representations of object shape in macaque inferotemporal cortex   | SNIDER, WILLIAM GRAYSON | Awarded. Fellowships only     | 2023/09/30 | 2025/08/31 | \$96,668  | \$96,668  | \$57,844  | \$48,974  |

|     |             |                   |   |  |                          |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|---|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 315 | T32OD010993 | 2T32OD010993-21   | UNIVERSITY OF MINNESOTA                 | Comparative Medicine and Pathology Training  | FURROW, EVA              | Awarded. Non-fellowships only | 2003/09/30 | 2029/06/30 | \$382,810   | \$382,810   | \$87,427    | \$382,810 |
| 316 | T32AI007414 | 2T32AI007414-31   | UNIVERSITY OF WISCONSIN-MADISON         | Parasitology and Vector Biology Training Program   | KNOLL, LAURA J           | Awarded. Non-fellowships only | 1992/07/01 | 2029/06/30 | \$206,152   | \$206,152   | \$143,236   | \$206,152 |
| 317 | F32GM150233 | 5F32GM150233-02   | UNIVERSITY OF CALIFORNIA BERKELEY       | Developing Methanosarcina spp. as a model system to study cytochromes c and their role in archaeal methane metabolism                              | GUPTA, DINESH            | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$152,256   | \$152,256   | \$101,557   | \$79,756  |
| 318 | F31HL170643 | 5F31HL170643-02   | KANSAS STATE UNIVERSITY                 | Role for Nrf2 and exercise in mitigating pulmonary hypertension-induced vascular dysfunction   | SCHULZE, KIANA MARIE     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$72,564    | \$72,564    | \$72,548    | \$36,922  |
| 319 | F31NS130941 | 5F31NS130941-02   | UNIVERSITY OF PENNSYLVANIA              | Investigating SNX13 in Cerebellar Function and Disease   | SANCHEZ, VANESSA BREANNE | Awarded. Fellowships only     | 2023/09/18 | 2025/09/17 | \$84,345    | \$84,345    | \$69,916    | \$36,651  |
| 320 | F30HL170689 | 5F30HL170689-02   | UNIVERSITY OF UTAH                      | Developing Explainable AI for Equitable Risk Stratification of Atrial Fibrillation and Stroke  | REISINGER, RAQUEL        | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$106,668   | \$106,668   | \$92,510    | \$53,974  |
| 321 | T90DA059110 | 5T90DA059110-02   | NEW YORK UNIVERSITY                     | Training program in computational approaches to brain and behavior   | MA, WEI JI               | Awarded. Non-fellowships only | 2023/09/15 | 2028/06/30 | \$657,009   | \$657,009   | \$303,187   | \$334,152 |
| 322 | F31NS131007 | 5F31NS131007-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | Intestinal Microbiota Affect Stroke Outcome by Modulating the Dendritic Cell-regulatory T Cell Axis  | O'CONNIDE, EMMA          | Awarded. Fellowships only     | 2023/08/01 | 2025/08/31 | \$96,668    | \$96,668    | \$87,419    | \$48,974  |
| 323 | F31NR020865 | 5F31NR020865-02   | JOHNS HOPKINS UNIVERSITY                | Engagement in Care and Emotional Support in the Context of Interpersonal Trauma among Latino Immigrant Men with HIV: A Mixed-Methods Investigation | SMITH, OWEN WOODFIELD    | Awarded. Fellowships only     | 2023/07/15 | 2026/05/14 | \$96,668    | \$96,668    | \$86,395    | \$48,974  |
| 324 | F30AG082406 | 5F30AG082406-02   | OREGON HEALTH & SCIENCE UNIVERSITY      | The role of alpha-synuclein in nucleolar DNA double-strand break repair and cellular senescence  | ARNOLD, MORIAH REBECCA   | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$106,668   | \$106,668   | \$87,107    | \$53,974  |
| 325 | F30DA059988 | 5F30DA059988-02   | UNIVERSITY OF MINNESOTA                 | Repurposing Metformin as a Treatment for Cocaine Use Disorder  | HERNANDEZ, EDITH         | Awarded. Fellowships only     | 2023/09/27 | 2027/09/26 | \$105,358   | \$105,358   | \$72,264    | \$52,664  |
| 326 | F32MH135657 | 5F32MH135657-02   | STANFORD UNIVERSITY                     | Effects of Early Life Stress and Sleep Disturbance on Frontolimbic Development and Risk for Depression Across Adolescence                          | UY, JESSICA PHUONG       | Awarded. Fellowships only     | 2023/09/13 | 2026/08/31 | \$156,184   | \$156,184   | \$128,037   | \$81,892  |
| 327 | F31HL170754 | 5F31HL170754-02   | UNIVERSITY OF TEXAS AT AUSTIN           | In-Vivo Patient-Specific Optimization of Transcatheter-Edge-to-Edge Repair in Mitral Regurgitation   | SIMONIAN, NATALIE        | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$79,706    | \$79,706    | \$65,790    | \$40,493  |
| 328 | F31AI178915 | 5F31AI178915-02   | UNIVERSITY OF MARYLAND BALTIMORE        | Deciphering the roles of RIFIN and STEVOR parasite antigens in severe malaria pathogenesis via transcriptomics and immune profiling                | LAWTON, JONATHAN         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$69,638    | \$69,638    | \$53,810    | \$35,459  |
| 329 | F31CA284719 | 5F31CA284719-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating the role of apoptosis-resistance and the tumor environment on development and maintenance of sacrococcygeal teratomas                | ROJAS, ERNESTO JAVIER    | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$80,882    | \$80,882    | \$64,802    | \$41,081  |
| 330 | T32AI007007 | 2T32AI007007-46   | JOHNS HOPKINS UNIVERSITY                | Research Training in Pediatric Allergy and Immunology  | WOOD, ROBERT A           | Awarded. Non-fellowships only | 1975/07/01 | 2029/08/31 | \$279,864   | \$279,864   | \$158,395   | \$279,864 |
| 331 | T32CA113263 | 2T32CA113263-16A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Postdoctoral Research Training in Biotherapy of Cancer   | KAMMULA, UDAI S          | Awarded. Non-fellowships only | 2006/08/01 | 2029/06/30 | \$293,213   | \$293,213   | \$146,586   | \$293,213 |
| 332 | F32GM149046 | 5F32GM149046-02   | STANFORD UNIVERSITY                     | Understanding the mechanism of diversity generation through directional selection  | KHRISTICH, ALEXANDRA     | Awarded. Fellowships only     | 2023/08/14 | 2025/08/13 | \$150,684   | \$150,684   | \$124,027   | \$78,892  |
| 333 | T32EB004314 | 5T32EB004314-25   | CASE WESTERN RESERVE UNIVERSITY         | Integrated Engineering and Rehabilitation Training   | CAPADONA, JEFFREY R      | Awarded. Non-fellowships only | 1999/07/01 | 2025/08/31 | \$1,734,530 | \$1,734,530 | \$1,281,881 | \$312,798 |
| 334 | T32HL079891 | 5T32HL079891-18   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | UCSD Integrated Cardiovascular Epidemiology Fellowship   | ALLISON, MATTHEW A       | Awarded. Non-fellowships only | 2007/05/01 | 2027/08/31 | \$1,537,226 | \$1,537,226 | \$958,157   | \$539,898 |
| 335 | F30HD110156 | 5F30HD110156-03   | WASHINGTON UNIVERSITY                   | The role of H3K36 methyltransferases on non-CpG methylation patterning in the mammalian brain  | HAMAGAMI-SAMSON, NICOLE  | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$115,099   | \$115,099   | \$98,175    | \$48,785  |

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|-----|-------------|-------------------|--|---|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 336 | T32AR007534 | 5T32AR007534-38   | UNIVERSITY OF COLORADO DENVER          | Research Training in Rheumatology   | KUHN, KRISTINE A            | Awarded. Non-fellowships only | 1986/09/01 | 2027/08/31 | \$854,093   | \$854,093   | \$595,042   | \$351,527 |
| 337 | T32HL007563 | 5T32HL007563-37   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Translational Training Program in Pulmonary Biology and Medicine  | MORRIS, ALISON              | Awarded. Non-fellowships only | 1984/07/01 | 2028/08/31 | \$1,253,385 | \$1,253,385 | \$1,014,935 | \$507,049 |
| 338 | T32HG002295 | 5T32HG002295-22   | HARVARD MEDICAL SCHOOL                 | Training in Bioinformatics and Integrative Genomics   | PARK, PETER J               | Awarded. Non-fellowships only | 2001/09/30 | 2028/08/31 | \$1,366,560 | \$1,366,560 | \$1,321,333 | \$579,747 |
| 339 | F31HD101360 | 5F31HD101360-05   | ALBERT EINSTEIN COLLEGE OF MEDICINE    | Developmental Dysfunction of Parvalbumin Interneurons in Autism Spectrum Disorder                             | WARD, CLAIRE                | Awarded. Fellowships only     | 2020/09/01 | 2025/08/31 | \$234,976   | \$234,976   | \$219,580   | \$48,974  |
| 340 | F31HD107950 | 5F31HD107950-03   | YALE UNIVERSITY                        | Determining cis- and trans- regulatory mechanisms of epigenetic bivalency                                     | MARSHALL, KIRA              | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$113,256   | \$113,256   | \$96,409    | \$33,892  |
| 341 | F31DE031967 | 5F31DE031967-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Multilayer Scaffold for Condyle Surface Regeneration  | TRBOJEVIC, SARA             | Awarded. Fellowships only     | 2022/09/15 | 2025/09/14 | \$145,820   | \$145,820   | \$111,445   | \$49,774  |
| 342 | F32CA281185 | 5F32CA281185-02   | DANA-FARBER CANCER INST                | Targeting the cancer neo-genome for destruction with CRISPR-Cas enzymes                                       | LEIBOWITZ, MITCHELL L       | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$143,364   | \$143,364   | \$127,969   | \$74,284  |
| 343 | F31GM151811 | 5F31GM151811-02   | NORTHWESTERN UNIVERSITY AT CHICAGO     | Identifying the determinants of cell-penetrant miniproteins   | PHOUMYVONG, CLAIRE M        | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$87,094    | \$87,094    | \$62,645    | \$44,187  |
| 344 | T32EY007143 | 5T32EY007143-30   | JOHNS HOPKINS UNIVERSITY               | Visual Science Training Program   | ZACK, DONALD J              | Awarded. Non-fellowships only | 1995/01/01 | 2025/07/31 | \$1,117,818 | \$1,117,818 | \$1,119,226 | \$147,297 |
| 345 | T32CA163177 | 5T32CA163177-14   | UNIVERSITY OF VIRGINIA                 | Postdoctoral Training Grant for MDs in Surgical Oncology Research   | SLINGLUFF, CRAIG LEE        | Awarded. Non-fellowships only | 2011/09/20 | 2026/08/31 | \$1,202,021 | \$1,202,021 | \$1,155,490 | \$272,436 |
| 346 | F30AI179430 | 1F30AI179430-01A1 | UNIVERSITY OF PENNSYLVANIA             | Harnessing SHIVs and Sequential Immunization to Elicit V3 Glycan-Targeted bNAbs against HIV-1                 | SKELLY, ASHWIN NICHOLAS     | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$36,512    | \$36,512    | \$23,804    | \$36,512  |
| 347 | F31AG076375 | 5F31AG076375-03   | VIRGINIA COMMONWEALTH UNIVERSITY       | Women Living with HIV: Cognitive Impact of Estrogen Receptors, Inflammation, and Aging                        | TURKSON, SUSIE ANNMARIE     | Awarded. Fellowships only     | 2022/09/10 | 2026/09/09 | \$124,220   | \$124,220   | \$107,560   | \$43,774  |
| 348 | T32CA272370 | 5T32CA272370-02   | INDIANA UNIVERSITY INDIANAPOLIS        | Pediatric and Adult Translational Cancer Drug Discovery and Development Training Program (PACT-D3)            | KELLEY, MARK R              | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$323,341   | \$323,341   | \$255,211   | \$164,494 |
| 349 | F32AA031161 | 5F32AA031161-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA   | The effect of self-compassion on integrated treatment outcomes among veterans with co-occurring AUD and PTSD. | FORKUS, SHANNON             | Awarded. Fellowships only     | 2023/08/10 | 2025/08/09 | \$148,012   | \$148,012   | \$114,768   | \$76,828  |
| 350 | F32MH134451 | 5F32MH134451-02   | STANFORD UNIVERSITY                    | Large-scale calcium and voltage imaging to illuminate neural mechanisms of visual experience                  | REDINBAUGH, MICHELLE JORDAN | Awarded. Fellowships only     | 2023/09/10 | 2026/09/09 | \$153,364   | \$153,364   | \$110,588   | \$79,284  |
| 351 | F32HD108861 | 5F32HD108861-02   | DUKE UNIVERSITY                        | The Impact of Gossip on Childrens Feelings of Belongingness   | YUCEL, NAZLI MELTEM         | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$143,364   | \$143,364   | \$129,130   | \$74,284  |
| 352 | T32EB014855 | 5T32EB014855-13   | WASHINGTON UNIVERSITY                  | 21ST CENTURY IMAGING SCIENCES: GRADUATE STUDENT TRAINING  | CULVER, JOSEPH P            | Awarded. Non-fellowships only | 2012/07/01 | 2027/08/31 | \$393,057   | \$393,057   | \$362,386   | \$121,166 |
| 353 | F31AG084224 | 5F31AG084224-02   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Cell-type Specific Interrogation of Variant Function in Alzheimers Disease                                    | BOND, MARIELLE LOUISE       | Awarded. Fellowships only     | 2023/08/04 | 2026/08/03 | \$79,929    | \$79,929    | \$48,568    | \$40,791  |
| 354 | F31HL165858 | 5F31HL165858-02   | AUGUSTA UNIVERSITY                     | Increasing muscle mass resolves vascular dysfunction in obesity   | SPEESE, ANDREW              | Awarded. Fellowships only     | 2023/08/01 | 2026/06/30 | \$83,744    | \$83,744    | \$57,249    | \$42,512  |
| 355 | F31NS132549 | 5F31NS132549-02   | UNIVERSITY OF OREGON                   | Characterizing cortical signatures of inhibitory control  | SCHULTZ, KELSEY E           | Awarded. Fellowships only     | 2023/08/21 | 2025/06/20 | \$87,178    | \$87,178    | \$80,834    | \$40,833  |
| 356 | F31CA268923 | 5F31CA268923-02   | WASHINGTON UNIVERSITY                  | The Role of SKIDA1 in Acute Myeloid Leukemia Initiation and Maintenance                                       | MENDOZA-CASTREJON, JONNY    | Awarded. Fellowships only     | 2023/08/01 | 2026/01/31 | \$68,572    | \$68,572    | \$55,321    | \$34,926  |
| 357 | T32GM007748 | 5T32GM007748-46   | BRIGHAM AND WOMEN'S HOSPITAL           | Training Grant in Genetics  | MORTON, CYNTHIA CASSON      | Awarded. Non-fellowships only | 1979/07/01 | 2028/06/30 | \$1,267,189 | \$1,267,189 | \$934,963   | \$723,861 |
| 358 | F31CA281247 | 5F31CA281247-02   | CORNELL UNIVERSITY                     | Uncovering ATR signaling networks underlying chemotherapeutic synergies                                       | COMSTOCK, WILLIAM           | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$89,628    | \$89,628    | \$81,312    | \$45,454  |

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|-----|-------------|-------------------|--|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 359 | T32AG049666 | 5T32AG049666-09   | WEILL MEDICAL COLL OF CORNELL UNIV       | The Weill Cornell Medicine Research Training Program in Behavioral Geriatrics  | REID, MANNEY CARRINGTON      | Awarded. Non-fellowships only | 2016/05/01 | 2026/08/31 | \$1,467,674 | \$1,467,674 | \$979,636   | \$320,724 |
| 360 | T32GM136593 | 5T32GM136593-05   | UNIVERSITY OF NEBRASKA LINCOLN           | Molecular Mechanisms of Disease  | BECKER, DONALD F             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,222,555 | \$1,222,555 | \$1,170,211 | \$253,734 |
| 361 | F30HL165594 | 5F30HL165594-04   | UNIVERSITY OF CINCINNATI                 | CD8+ tissue-resident immunity to primary and heterotypic Influenza A controlled by commensal microbiota  | STEVENS, JOSEPH JACOB        | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$134,302   | \$134,302   | \$100,497   | \$53,974  |
| 362 | F31AA031439 | 5F31AA031439-02   | DREXEL UNIVERSITY                        | The effects of low-dose ethanol on reward-value decision making and the basolateral amygdala   | CURRAN-ALFARO, CHRISTINA     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$69,590    | \$48,974  |
| 363 | T32HL091816 | 5T32HL091816-15   | INDIANA UNIVERSITY INDIANAPOLIS          | IU Training Program in Molecular Physiology and Clinical Mechanisms of Lung Disease  | MACHADO, ROBERTO F           | Awarded. Non-fellowships only | 2009/05/01 | 2025/08/31 | \$1,528,633 | \$1,528,633 | \$1,544,429 | \$427,952 |
| 364 | F31EY035559 | 5F31EY035559-02   | UNIVERSITY OF ROCHESTER                  | NIH Gonzalez-Amoretti Characterizing PopulationDynamics of Prefrontal Cortex which Govern the Modulation of Visual Processing  | GONZALEZ-AMORETTI, JOHN CARL | Awarded. Fellowships only     | 2023/08/21 | 2027/08/20 | \$96,668    | \$96,668    | \$76,797    | \$48,974  |
| 365 | F31HD110287 | 5F31HD110287-03   | TEXAS A&M UNIVERSITY                     | Investigating injury response and bone regeneration in Down syndrome mouse models  | SHERMAN, KIRBY M             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$116,064   | \$116,064   | \$80,067    | \$40,194  |
| 366 | T34GM142601 | 5T34GM142601-02   | UNIVERSITY OF COLORADO                   | Bridges to the Baccalaureate Research Training Program at University of Colorado Boulder   | NISWANDER, LEE A             | Awarded. Non-fellowships only | 2023/08/24 | 2028/07/31 | \$466,023   | \$466,023   | \$271,401   | \$321,866 |
| 367 | T32CA009120 | 5T32CA009120-47   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | UCLA Tumor Immunology Institutional Training Grant   | TEITELL, MICHAEL A           | Awarded. Non-fellowships only | 1980/07/01 | 2028/08/31 | \$817,545   | \$817,545   | \$808,425   | \$357,202 |
| 368 | T32GM008562 | 5T32GM008562-30   | THOMAS JEFFERSON UNIVERSITY              | Clinical Pharmacology Training Program   | KRAFT, WALTER K              | Awarded. Non-fellowships only | 1995/07/01 | 2025/06/30 | \$4,096,635 | \$4,096,635 | \$2,263,104 | \$888,184 |
| 369 | T34GM150440 | 5T34GM150440-02   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Bridges to the Baccalaureate   | FACCIOTTI, MARC TANCREDI     | Awarded. Non-fellowships only | 2023/08/24 | 2028/07/31 | \$455,985   | \$455,985   | \$124,471   | \$302,657 |
| 370 | T35AG076419 | 5T35AG076419-02   | MEDICAL COLLEGE OF WISCONSIN             | Medical Student Training in Aging and Injury Research  | MEURER, LINDA N              | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$209,525   | \$209,525   | \$77,837    | \$106,836 |
| 371 | T32GM007267 | 5T32GM007267-46   | UNIVERSITY OF VIRGINIA                   | Medical Scientist Training Program   | GARCIA-BLANCO, MARIANO A     | Awarded. Non-fellowships only | 1977/07/01 | 2025/06/30 | \$3,533,474 | \$3,533,474 | \$3,383,442 | \$654,840 |
| 372 | F31NS129337 | 5F31NS129337-03   | UNIVERSITY OF UTAH                       | The role of redox balance in cyanide toxicity and mitochondrial disease  | TIPPETTS, EMILY              | Awarded. Fellowships only     | 2022/09/01 | 2025/08/30 | \$112,088   | \$112,088   | \$97,139    | \$38,530  |
| 373 | T32GM136444 | 5T32GM136444-05   | UNIVERSITY OF COLORADO DENVER            | Predoctoral Training Program in Molecular and Cellular Biology   | PREKERIS, RYTIS              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,834,224 | \$2,834,224 | \$2,518,052 | \$437,129 |
| 374 | T32AG049673 | 5T32AG049673-10   | UNIVERSITY OF FLORIDA                    | the Integrative and Multidisciplinary Pain and Aging Research Training (IMPART) Program  | FILLINGIM, ROGER B           | Awarded. Non-fellowships only | 2015/09/01 | 2025/08/31 | \$1,960,786 | \$1,960,786 | \$1,530,132 | \$213,649 |
| 375 | F31DK134073 | 5F31DK134073-02   | UNIVERSITY OF PENNSYLVANIA               | Investigating the role of telomere failure on intestinal stem cell niche function  | KIM, MELISSA                 | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668    | \$96,668    | \$80,348    | \$48,974  |
| 376 | T32HL150452 | 5T32HL150452-05   | UNIVERSITY OF MINNESOTA                  | Research on Eating and Activity for Community Health (REACH): An Applied Epidemiology Training Program to Improve Weight-Related Health in Youth and Families from Diverse Communities | NEUMARK-SZTAINER, DIANNE R   | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$2,044,406 | \$2,044,406 | \$1,482,220 | \$404,617 |
| 377 | F31DC021613 | 1F31DC021613-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | The neurocognitive mechanisms underlying semantic feature generation in persons with aphasia   | SWIDERSKI, ALEXANDER         | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$22,842    | \$48,974  |
| 378 | F31CA288157 | 1F31CA288157-01A1 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Development of a Tunable Protein Release Hydrogel for the Enhancement of CAR T cell Activity   | ADAMS, SARAH C               | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$41,423    | \$41,423    | \$18,929    | \$41,423  |
| 379 | F30AI181355 | 5F30AI181355-02   | HARVARD MEDICAL SCHOOL                   | Structure-based design of neuraminidase immunogens for next-generation influenza vaccines  | HECHT, ROCHEL                | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$95,545    | \$95,545    | \$57,695    | \$53,974  |

|     |             |                   |  |  |                             |                               |            |            |           |           |           |           |
|-----|-------------|-------------------|--|--|-----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 380 | F31HL170749 | 5F31HL170749-02   | OHIO STATE UNIVERSITY                    | Stress-induced loss of BIV-spectrin regulates cardiac fibroblast function and long-range communication                         | SHAHEEN, REBECCA J          | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$87,168  | \$87,168  | \$60,071  | \$44,224  |
| 381 | F32HL176160 | 1F32HL176160-01   | STANFORD UNIVERSITY                      | Toward Equity in ATTR Cardiomyopathy Diagnosis   | SPENCER BONILLA, GABRIELA M | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$83,932  | \$83,932  | \$14,346  | \$83,932  |
| 382 | F31AI186590 | 1F31AI186590-01   | HARVARD UNIVERSITY                       | Developing HIV Resistant Hematopoietic Stem Cells through Targeted Base Editing  | JOUBRAN, SAMANTHA           | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$41,403  | \$41,403  | \$34,347  | \$41,403  |
| 383 | F32DC020625 | 5F32DC020625-03   | CARNEGIE-MELLON UNIVERSITY               | Mechanisms of auditory selective attention for speech and non-speech stimuli   | LUTHRA, SAHIL               | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$218,214 | \$218,214 | \$150,427 | \$76,756  |
| 384 | F32HL176176 | 1F32HL176176-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Harnessing biophysical cues to spatially organize developing cardiac organoids   | MOLLEY, THOMAS GREGORY      | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$74,284  | \$74,284  | \$45,275  | \$74,284  |
| 385 | F30DE033286 | 5F30DE033286-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Oral pathogen - mediated pro-tumorigenic transformation through disruption of an Adherens Junction - associated RNAi machinery | KINGSLEY, CHRISTINA RACHEL  | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$103,139 | \$103,139 | \$64,587  | \$52,392  |
| 386 | F31NS136010 | 5F31NS136010-02   | DUKE UNIVERSITY                          | The ISR pathway in Dopamine Neurons: Perpetrator or Protector in Parkinsons Disease  | LOCKSHIN, ELANA             | Awarded. Fellowships only     | 2024/01/01 | 2026/10/31 | \$83,451  | \$83,451  | \$53,940  | \$41,892  |
| 387 | F32GM153046 | 5F32GM153046-02   | UNIVERSITY OF CALIFORNIA BERKELEY        | Biosynthesis of Cyclopamine and New-to-Nature Triterpenoids in Yeast   | WINEGAR, PETER HENRY        | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$148,112 | \$148,112 | \$89,795  | \$74,284  |
| 388 | F31AI181256 | 5F31AI181256-02   | HARVARD MEDICAL SCHOOL                   | Characterizing a novel Plasmodium cytoskeletal protein   | NAVARRO, FRANCESCA MARIA    | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$80,121  | \$80,121  | \$50,939  | \$36,918  |
| 389 | F31DC021630 | 1F31DC021630-01A1 | FLORIDA STATE UNIVERSITY                 | Investigating How Temperature Shapes Salt Perception.  | MARQUES, MARIELA            | Awarded. Fellowships only     | 2024/12/15 | 2027/12/14 | \$43,474  | \$43,474  | \$12,914  | \$43,474  |
| 390 | F30EY035570 | 5F30EY035570-02   | VIRGINIA POLYTECHNIC INST AND ST UNIV    | Cell types, circuitry, and development of the visual ventral thalamus  | STEBBINS, KATELYN           | Awarded. Fellowships only     | 2023/12/25 | 2027/12/24 | \$86,151  | \$86,151  | \$57,775  | \$43,973  |
| 391 | T32AI007358 | 2T32AI007358-36   | HARVARD SCHOOL OF PUBLIC HEALTH          | Biostatistics/Epidemiology Training Grants in AIDS   | HUGHES, MICHAEL DAVID       | Awarded. Non-fellowships only | 1989/09/01 | 2029/06/30 | \$546,959 | \$546,959 | \$461,817 | \$546,959 |
| 392 | F30HL162431 | 5F30HL162431-04   | WASHINGTON UNIVERSITY                    | Modeling Hidden Myosin Structural States to Predict Drug Specificity and Disease Phenotypes                                    | MELLER, ARTUR               | Awarded. Fellowships only     | 2022/09/01 | 2025/11/30 | \$140,114 | \$133,931 | \$91,383  | \$53,974  |
| 393 | F31CA295030 | 1F31CA295030-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Structural and mechanistic investigation into EWS::FLI1 disruption of EWS function in transcription and DNA repair             | SOHN, ERICH                 | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$38,363  | \$38,363  | \$28,527  | \$38,363  |
| 394 | F31HD113330 | 5F31HD113330-02   | RESEARCH INST NATIONWIDE CHILDREN'S HOSP | A HUMAN IPSC-BASED ORGANOID PLATFORM FOR STUDYING MATERNAL HYPERGLYCEMIA-INDUCED CONGENITAL HEART DEFECTS                      | CONTRERAS, JAVIER           | Awarded. Fellowships only     | 2024/02/01 | 2029/01/31 | \$83,868  | \$83,868  | \$30,413  | \$42,574  |
| 395 | F31HL172640 | 5F31HL172640-02   | VANDERBILT UNIVERSITY                    | Serotonin-2B receptor in hypertrophic cardiomyopathy   | LIVINGSTON, WILLIAM BRYAN   | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$97,948  | \$97,948  | \$71,455  | \$48,974  |
| 396 | F32HG013895 | 1F32HG013895-01   | UNIVERSITY OF MONTANA                    | Ensuring Equity in Pharmacogenetics for Rural and Underserved Communities  | KILLAM, SHAYNA RAE          | Awarded. Fellowships only     | 2024/11/02 | 2027/10/31 | \$78,954  | \$78,954  | \$19,118  | \$78,954  |
| 397 | F32AI186416 | 1F32AI186416-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Elucidating the role of IFN epsilon mediated type I IFN responses against Trichomonas vaginalis                                | KOCHANOWSKY, JOSHUA ANDREW  | Awarded. Fellowships only     | 2025/01/01 | 2025/12/31 | \$76,784  | \$76,784  | \$0       | \$76,784  |
| 398 | F31ES034986 | 5F31ES034986-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Causes and Downstream Effects of 14-3-3 Phosphorylation in Synucleinopathies   | PAIR, FRANK SANDERS         | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$83,978  | \$83,978  | \$51,813  | \$42,629  |
| 399 | F31DC020370 | 5F31DC020370-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Neural Basis of Math and Aphasia   | DURICY, ERIN                | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$144,700 | \$144,700 | \$101,841 | \$48,974  |
| 400 | F32GM156063 | 1F32GM156063-01   | HARVARD MEDICAL SCHOOL                   | Metabolic control of mitonuclear balance for OXPHOS protein biogenesis   | RAICU, ANA-MARIA            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$73,828  | \$73,828  | \$47,702  | \$73,828  |
| 401 | F31AG090092 | 1F31AG090092-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Investigating the role of calorie restriction-induced blood factors in rejuvenating the aged hippocampus                       | MISRA, RHEA                 | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$45,909  | \$45,909  | \$15,680  | \$45,909  |



|     |             |                   |  |  |                              |                           |            |            |           |           |           |          |
|-----|-------------|-------------------|--|--|------------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 402 | F30AI181481 | 5F30AI181481-02   | CINCINNATI CHILDRENS HOSP MED CTR        | Mechanisms of Longitudinal Microbial Colonization in Pediatric Atopic Dermatitis   | DAHAL, ARYA                  | Awarded. Fellowships only | 2024/01/01 | 2026/10/31 | \$84,009  | \$84,009  | \$24,493  | \$42,094 |
| 403 | F31NS139624 | 1F31NS139624-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Characterizing Head Impact Exposure, Tissue-level Brain Response, and Clinical Outcomes in Grassroots Dirt Track Racing                      | ZOCH, SOPHIA RUTH            | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$48,974  | \$48,974  | \$10,855  | \$48,974 |
| 404 | F30HL176145 | 1F30HL176145-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | A Bio-orthogonal Targeting System for Precision Drug Delivery to Vascular Endothelium in Transplanted Organs                                 | PEARLMAN MORALES, ARIA       | Awarded. Fellowships only | 2024/09/30 | 2029/09/29 | \$53,974  | \$53,974  | \$14,112  | \$53,974 |
| 405 | F30HL176144 | 1F30HL176144-01   | YALE UNIVERSITY                          | Investigation of TNRC18 in Left-Right Patterning and Congenital Heart Disease  | RUSHING, AMY                 | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$33,958  | \$33,958  | \$17,229  | \$33,958 |
| 406 | F30DK138782 | 1F30DK138782-01A1 | UNIVERSITY OF VIRGINIA                   | Effect of Pulsed Splenic Ultrasound on delaying Chronic Kidney Disease Progression through a Neuroimmune Mechanism.                          | GOGGINS, EIBHLIN             | Awarded. Fellowships only | 2024/07/01 | 2028/06/30 | \$76,396  | \$38,198  | \$33,477  | \$38,198 |
| 407 | F31DC022187 | 1F31DC022187-01   | UNIVERSITY OF CONNECTICUT STORRS         | Modeling Individual Differences in the Temporal Dynamics of Spoken Word Recognition in Autistic Young Adults                                 | CANALE, REBECCA              | Awarded. Fellowships only | 2024/06/15 | 2027/06/14 | \$48,974  | \$48,974  | \$46,809  | \$48,974 |
| 408 | F31AI176650 | 5F31AI176650-02   | YALE UNIVERSITY                          | In situ structures of SARS-CoV-2 Spike fusion intermediates and Spike-antibody-Fc receptor complexes   | GRUNST, MICHAEL WILLIAM      | Awarded. Fellowships only | 2024/01/01 | 2026/12/31 | \$82,926  | \$82,926  | \$56,455  | \$33,952 |
| 409 | F32GM149057 | 5F32GM149057-03   | STANFORD UNIVERSITY                      | Modular Reagents for Programmable RNA Manipulation by Endogenous Proteins  | LUSI, ROBERT FOLLETT         | Awarded. Fellowships only | 2023/02/27 | 2026/02/26 | \$216,796 | \$216,796 | \$146,812 | \$74,284 |
| 410 | F30AI176796 | 5F30AI176796-02   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES   | Harnessing Amide Linkers for Antitubercular Drug Development   | KODALI, SWETHA               | Awarded. Fellowships only | 2024/02/01 | 2026/01/31 | \$96,828  | \$96,828  | \$39,174  | \$52,420 |
| 411 | F31AI181429 | 1F31AI181429-01A1 | YALE UNIVERSITY                          | Elucidating the molecular function of Kaposi sarcoma-associated herpesvirus packaging accessory protein ORF68                                | GELLES-WATNICK, SARA         | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$33,980  | \$33,980  | \$17,246  | \$33,980 |
| 412 | F31AI186517 | 1F31AI186517-01   | TUFTS UNIVERSITY BOSTON                  | Pseudoprotease-mediated regulation of germinant sensing in Clostridioides difficile  | MCNELLIS, MORGAN             | Awarded. Fellowships only | 2024/08/01 | 2028/01/31 | \$45,162  | \$45,162  | \$36,930  | \$45,162 |
| 413 | F31MH138104 | 1F31MH138104-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Interoceptive regulation of pupil-linked arousal by connections in the brains prominent noradrenergic hubs                                   | MILLER, NOAH WILLIAM         | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$40,064  | \$40,064  | \$31,413  | \$40,064 |
| 414 | F30CA268778 | 5F30CA268778-04   | WASHINGTON UNIVERSITY                    | Simultaneous Imaging of Tumor and Host Cells in the Microenvironment   | MICHIE, MEGAN SUZANNE        | Awarded. Fellowships only | 2022/01/01 | 2025/12/31 | \$174,062 | \$174,062 | \$148,090 | \$53,974 |
| 415 | F32AR084876 | 1F32AR084876-01   | UNIVERSITY OF COLORADO                   | Granular hydrogels for the controlled delivery of immunomodulatory and angiogenic extracellular vesicles to enhance bone tissue regeneration | FRIEND, NICOLE ERIN          | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$73,408  | \$73,408  | \$45,841  | \$73,408 |
| 416 | F32GM150267 | 5F32GM150267-02   | UNIVERSITY OF WISCONSIN-MADISON          | Cdc42-mediated regulation of spindle positioning in a vertebrate model   | SEPANIAC, LESLIE A           | Awarded. Fellowships only | 2024/01/12 | 2026/01/11 | \$151,040 | \$151,040 | \$89,346  | \$76,756 |
| 417 | F32HD111257 | 5F32HD111257-03   | WHITEHEAD INSTITUTE FOR BIOMEDICAL RES   | Maternal organelle contribution to offspring germline health   | GOODMAN, JAY S               | Awarded. Fellowships only | 2023/02/01 | 2026/01/31 | \$214,902 | \$214,902 | \$127,524 | \$74,284 |
| 418 | F31HD114457 | 1F31HD114457-01A1 | UNIVERSITY OF CALIFORNIA BERKELEY        | Early Puberty During the COVID-19 Pandemic in a Multi-Ethnic, Population-Based Cohort of Children and Adolescents                            | ACKER, JULIA                 | Awarded. Fellowships only | 2024/07/01 | 2026/06/30 | \$46,614  | \$46,614  | \$29,231  | \$46,614 |
| 419 | F31NR021339 | 1F31NR021339-01   | UNIVERSITY OF CONNECTICUT STORRS         | Examining Effects of Disadvantaged and Equitable Neighborhoods on Sleep in Young Children  | SCHEIBNER, HANNAH ROSE       | Awarded. Fellowships only | 2024/07/01 | 2027/05/31 | \$48,974  | \$48,974  | \$39,520  | \$48,974 |
| 420 | F32GM156052 | 1F32GM156052-01   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Understanding How Distinct Heterochromatin States Control Pioneer Factor Binding   | LOWE, MATTHEW GREGORY        | Awarded. Fellowships only | 2025/01/01 | 2026/12/31 | \$74,284  | \$74,284  | \$23,221  | \$74,284 |
| 421 | F30AI181493 | 5F30AI181493-02   | YALE UNIVERSITY                          | The role of a Coxiella burnetii effector protein that inhibits RIG-I signaling   | DUNCAN-LOWEY, JEFFREY KARDAS | Awarded. Fellowships only | 2024/01/16 | 2028/01/15 | \$73,844  | \$73,844  | \$44,346  | \$36,922 |

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|-----|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 422 | T32HL176414 | 1T32HL176414-01   | MAYO CLINIC ROCHESTER                   | Translational Training in Respiratory Disease and Repair  | TSCHUMPERLIN, DANIEL J     | Awarded. Non-fellowships only | 2025/01/01 | 2029/12/31 | \$445,648 | \$445,648 | \$0       | \$445,648 |
| 423 | F31MH136948 | 1F31MH136948-01A1 | YALE UNIVERSITY                         | The impact of forced migration on HIV vulnerability and prevention among internally displaced adolescent girls and young women in northern Mozambique | CHANTRE, CATHERINE LIMA    | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$51,974  | \$51,974  | \$20,444  | \$51,974  |
| 424 | F31NS134314 | 5F31NS134314-02   | EMORY UNIVERSITY                        | Linking membrane voltage dynamics to fMRI measurement of functional connectivity in resting state and task related activities                         | MEYER-BAESE, LISA M        | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668  | \$96,668  | \$76,495  | \$48,974  |
| 425 | F31EY036742 | 1F31EY036742-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Transcriptional and Developmental Basis of the Human X-linked Homeotic Hotspot  | ROSAS, JOSEPH              | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$41,972  | \$41,972  | \$30,212  | \$41,972  |
| 426 | F30HL170476 | 5F30HL170476-02   | OREGON HEALTH & SCIENCE UNIVERSITY      | The role of adrenergic signaling in cancer cachexia-associated cardiac remodeling   | DIBA, PARHAM               | Awarded. Fellowships only     | 2023/08/25 | 2027/02/24 | \$106,668 | \$106,668 | \$79,171  | \$53,974  |
| 427 | F31HL170493 | 5F31HL170493-02   | HARVARD MEDICAL SCHOOL                  | Regulation of cardiomyocyte proliferation by the Reptin ATPase  | WRANITZ, FELICIA E         | Awarded. Fellowships only     | 2023/09/30 | 2025/11/30 | \$78,556  | \$78,556  | \$54,244  | \$39,918  |
| 428 | F31NS129269 | 5F31NS129269-03   | UNIVERSITY OF TEXAS DALLAS              | Sigma 2 Receptor (TMEM97): Investigating the Peripheral Role of this Novel Therapeutic Target for Pain  | HONG, VERONICA MINSU       | Awarded. Fellowships only     | 2023/02/01 | 2025/11/30 | \$129,167 | \$129,167 | \$93,880  | \$40,600  |
| 429 | F31CA294983 | 1F31CA294983-01   | VANDERBILT UNIVERSITY                   | Deleted in malignant brain tumors 1 (DMBT1) expression and impact on colonic dysplasia  | GREEN, EMILY H             | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$34,370  | \$34,370  | \$26,374  | \$34,370  |
| 430 | F31CA288079 | 1F31CA288079-01A1 | OREGON HEALTH & SCIENCE UNIVERSITY      | Defining the role of the mitochondrial protein, GOT2, in pancreatic cancer metastasis and epigenetic dysregulation                                    | DIAZ, LUIS FRANCISCO       | Awarded. Fellowships only     | 2024/09/09 | 2027/11/08 | \$53,974  | \$53,974  | \$44,401  | \$53,974  |
| 431 | T32HL170959 | 5T32HL170959-02   | WASHINGTON UNIVERSITY                   | Cardiovascular Innovation Program in Surgery & Engineering  | ZAYED, MOHAMED A           | Awarded. Non-fellowships only | 2024/02/01 | 2029/01/31 | \$961,445 | \$961,445 | \$176,848 | \$642,743 |
| 432 | F30HL172394 | 1F30HL172394-01A1 | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Mitochondrial transfer via endothelial-derived extracellular vesicles as a potential therapy for vascular disease in MELAS                            | MANZAR, ZAHID              | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$36,416  | \$36,416  | \$24,448  | \$36,416  |
| 433 | F32CA291105 | 1F32CA291105-01A1 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | THE FUNCTION OF CASPASE-8 IN CANCER, ANTI-CANCER IMMUNITY, AND CAR-T CELL FUNCTION  | SHAW, JEREMY JOSEPH PORTER | Awarded. Fellowships only     | 2024/07/01 | 2026/04/30 | \$76,756  | \$76,756  | \$59,337  | \$76,756  |
| 434 | F31AA031914 | 1F31AA031914-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Testing Neurobiological Models of Alcohol Use Disorder Through Real World Cue Reactivity and Mood   | BASKERVILLE, WAVE-ANANDA   | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$41,308  | \$41,308  | \$29,548  | \$41,308  |
| 435 | T32HL172255 | 5T32HL172255-02   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Purposeful Outreach for Diversity and Inclusion of Underrepresented in Medicine (PODIUM) Physician-Scientists   | REZNIK, MARINA             | Awarded. Non-fellowships only | 2024/02/01 | 2029/01/31 | \$627,431 | \$627,431 | \$147,103 | \$317,876 |
| 436 | F31AI186289 | 1F31AI186289-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Integrated Stress Response-mediated macrophage innate immunity during maladapted Salmonella enterica infection  | POWERS, ZACHARY MICHAEL    | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,094  | \$42,094  | \$38,135  | \$42,094  |
| 437 | F31HD116419 | 1F31HD116419-01   | VANDERBILT UNIVERSITY                   | Patterns of firearm-related intimate partner violence across developmental stages: Risk and protective factors  | STEVENS, LAURA TAYLOR      | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974  | \$48,974  | \$37,013  | \$48,974  |
| 438 | F31DK138755 | 1F31DK138755-01A1 | WASHINGTON UNIVERSITY                   | Interrogating Ventral Pallidal Circuits as a Therapeutic Target for Obesity   | WANG, JUSTIN G             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$35,482  | \$35,482  | \$20,906  | \$35,482  |
| 439 | F31AR083814 | 1F31AR083814-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Testing Miniature Knee Joint System as a New Tool to Study Neuroimmune Interactions in Osteoarthritis Pain  | MAKARCZYK, MEAGAN JOANNE   | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974  | \$48,974  | \$21,687  | \$48,974  |
| 440 | F30CA294723 | 1F30CA294723-01   | UNIVERSITY OF MINNESOTA                 | Tissue-Resident Adaptive CD56bright NK Cell Responses in Cancer   | LOZADA, JOHN ROY           | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$53,526  | \$53,526  | \$48,055  | \$53,526  |



|     |             |                   |   |  |                            |                           |            |            |           |           |           |          |
|-----|-------------|-------------------|---|--|----------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 441 | F31HL175911 | 1F31HL175911-01   | TUFTS UNIVERSITY BOSTON                 | Cardiac fibroblast MHCII contribution to cardiac pathophysiology in Doxorubicin cardiomyopathy   | ZAMBRANO, MARIA ANTONIA    | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$45,162  | \$45,162  | \$18,688  | \$45,162 |
| 442 | F31MH137968 | 1F31MH137968-01   | UNIVERSITY OF COLORADO DENVER           | Triple-network connectivity contributions to obesity in Schizophrenia  | DODD, KEITH                | Awarded. Fellowships only | 2024/07/01 | 2025/06/30 | \$48,304  | \$48,304  | \$39,891  | \$48,304 |
| 443 | F31AG089914 | 1F31AG089914-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Addressing biases and evaluating gender differences in lifecourse obesity and risk of ADRD in a diverse cohort   | MEUNIER, CLAIRE CHRISTIANE | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$41,972  | \$41,972  | \$30,212  | \$41,972 |
| 444 | F31HD113400 | 5F31HD113400-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Differential impacts of water insecurity on diet and body composition throughout the life course   | MILLER, JOSHUA D           | Awarded. Fellowships only | 2023/09/01 | 2025/08/31 | \$80,510  | \$80,510  | \$57,281  | \$41,001 |
| 445 | F31NS139497 | 1F31NS139497-01   | UNIVERSITY OF MINNESOTA                 | Neural mechanisms of impaired postural control in people with Parkinsons disease   | MAUPIN, CALLEN M           | Awarded. Fellowships only | 2024/08/26 | 2027/08/25 | \$47,009  | \$47,009  | \$37,545  | \$47,009 |
| 446 | F31HL172519 | 1F31HL172519-01A1 | UNIVERSITY OF TEXAS MED BR GALVESTON    | The regulatory impact of transposable elements (TEs) on differential gene expression in closely related species during cellular differentiation                          | HURLEY, JOHN DENNIS        | Awarded. Fellowships only | 2024/09/30 | 2027/09/29 | \$37,995  | \$37,995  | \$22,260  | \$37,995 |
| 447 | F30AG079492 | 5F30AG079492-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | The regulation of the microglial response to amyloid-beta plaques by the polycomb repressive complex 2   | CHALLMAN, MATTHEW FRANCIS  | Awarded. Fellowships only | 2022/12/01 | 2026/11/30 | \$146,500 | \$146,500 | \$101,014 | \$53,974 |
| 448 | F31EY035866 | 1F31EY035866-01A1 | UNIVERSITY OF ROCHESTER                 | Investigating the distribution and timing of pre-saccadic modulation across cortical layers in MT and the influence of FEF signals                                       | BUCKLAEW, AMY BEATRICE     | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$28,963  | \$48,974 |
| 449 | F32HD116431 | 1F32HD116431-01   | UNIVERSITY OF COLORADO DENVER           | Assessing the mechanism by which fetal glucagon inhibits placental nutrient transfer   | TANNER, AMELIA RUTH        | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$74,284  | \$74,284  | \$47,495  | \$74,284 |
| 450 | F31MD019997 | 1F31MD019997-01   | UNIVERSITY OF KENTUCKY                  | From Survival to Living Well: A Socioecological Approach to Understand Acquired Disability and Advance Health Equity in Rural Appalachia                                 | ROBERTS, MICHELLE KATHLEEN | Awarded. Fellowships only | 2024/09/03 | 2026/08/31 | \$41,572  | \$41,572  | \$18,594  | \$41,572 |
| 451 | F31MH138063 | 1F31MH138063-01   | UNIVERSITY OF CALIFORNIA-IRVINE         | Developmental Trajectories of Attenuated Psychotic Symptoms: The Roles of Dispositional Emotion Regulation Strategy Use and Neural Connectivity in Pathways to Psychosis | SNYDER, MADELINE           | Awarded. Fellowships only | 2024/09/30 | 2026/09/29 | \$45,563  | \$45,563  | \$31,451  | \$45,563 |
| 452 | F32HL176162 | 1F32HL176162-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Evaluating the Impact of ACEs Screening and Behavioral-Social Support on Obstructive Lung Disease Health Outcomes  | MARTINEZ, ADALI            | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$91,432  | \$91,432  | \$7,953   | \$91,432 |
| 453 | F32MD019202 | 5F32MD019202-02   | WASHINGTON STATE UNIVERSITY             | Climate Change Effects on Pregnancy via a Traditional Food   | RICCI, CONTESSA            | Awarded. Fellowships only | 2024/01/01 | 2026/12/31 | \$155,728 | \$155,728 | \$93,728  | \$79,256 |
| 454 | F31GM155959 | 1F31GM155959-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Biosynthetic Development and Diversification of Moroidin Peptides for Cancer Applications  | SHAFIQ, KHADIJA            | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$31,624  | \$48,974 |
| 455 | F30HL175934 | 1F30HL175934-01   | UNIVERSITY OF PENNSYLVANIA              | Investigating a potential cardio-placental signaling axis  | FRANKFURTER, MAXWELL T     | Awarded. Fellowships only | 2024/09/10 | 2026/09/09 | \$53,974  | \$53,974  | \$42,435  | \$53,974 |
| 456 | F32HL176202 | 1F32HL176202-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Understanding the link between stressful life events and cardiovascular disease risk: A health neuroscience approach   | CHUNG, E-LIM LYDIA WU      | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$77,607  | \$77,607  | \$37,769  | \$77,607 |
| 457 | F32EY036715 | 1F32EY036715-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Regulation of IGF-1R in acute and chronic thyroid eye disease  | CHENG, SARAH               | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$76,756  | \$76,756  | \$25,768  | \$76,756 |
| 458 | F31AG084329 | 5F31AG084329-02   | PURDUE UNIVERSITY                       | Small Molecule Degradars of Tryptophan 2,3-Dioxygenase Enzyme (TDO) as Novel Treatments for Neurodegenerative Disease  | TROMBLEY, TREVOR           | Awarded. Fellowships only | 2024/01/01 | 2026/12/31 | \$95,388  | \$95,388  | \$55,860  | \$47,694 |
| 459 | F31HL176051 | 1F31HL176051-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Illuminating ER Lumen AMPK Dynamics for Maintaining Vascular Homeostasis via ACE2  | LYONS, ANNE                | Awarded. Fellowships only | 2024/09/30 | 2027/09/29 | \$41,755  | \$41,755  | \$14,112  | \$41,755 |

|     |             |                   |  |   |                             |                           |            |            |           |           |           |          |
|-----|-------------|-------------------|--|---|-----------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 460 | F31HD116552 | 1F31HD116552-01   | LURIE CHILDREN'S HOSPITAL OF CHICAGO     | Elucidating the mechanism by which Elastin Microfibril interface-located protein 1 (EMILIN1) contributes to folliculogenesis                                  | MCDOWELL, HANNAH            | Awarded. Fellowships only | 2024/09/16 | 2027/09/15 | \$44,187  | \$44,187  | \$19,279  | \$44,187 |
| 461 | F31GM156072 | 1F31GM156072-01   | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | The Molecular Mechanism of Genetic Disorders Due to XPD Mutations   | HOAG, ALLYSON LYNNE         | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$42,574  | \$42,574  | \$29,112  | \$42,574 |
| 462 | F31CA278362 | 5F31CA278362-02   | UNIVERSITY OF CHICAGO                    | Role of PDK1 in pancreatic cancer cell fitness under tumor nutrient stress  | SHEEHAN, COLIN              | Awarded. Fellowships only | 2023/09/30 | 2025/09/29 | \$96,668  | \$96,668  | \$74,328  | \$48,974 |
| 463 | F31DK139660 | 1F31DK139660-01A1 | VANDERBILT UNIVERSITY                    | Evaluating the role of Mecr and Mitochondrial Fatty Acid Synthesis in T cell Function and Metabolism  | STEINER, KAYLEE KRISTAL     | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$34,314  | \$34,314  | \$24,022  | \$34,314 |
| 464 | F31CA294873 | 1F31CA294873-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Generating hiPSC-derived ATRT models to investigate cell of origin and identify therapeutic vulnerabilities   | WANG, CLARK GOLD            | Awarded. Fellowships only | 2024/07/01 | 2026/06/30 | \$41,755  | \$41,755  | \$4,704   | \$41,755 |
| 465 | F31DK139617 | 1F31DK139617-01A1 | UNIVERSITY OF PENNSYLVANIA               | Insulins acute regulation of hepatic glucose utilization  | STEFKOVICH, MEGAN LYNN      | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$38,778  | \$48,974 |
| 466 | F31NS131018 | 5F31NS131018-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Neural Circuit Dynamics Underlying Perceptual Decision Making in the Macaque Dorsolateral Prefrontal Cortex   | LEE, ERIC KENJI             | Awarded. Fellowships only | 2024/01/01 | 2025/11/30 | \$74,807  | \$74,807  | \$47,682  | \$36,365 |
| 467 | F32DA061553 | 1F32DA061553-01   | BROWN UNIVERSITY                         | Cannabis use, trauma, and self-regulatory cognitive processes: A multimodal study integrating biobehavioral markers and ecological assessment                 | KARNICK, ALEKSANDR T        | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$81,784  | \$81,784  | \$36,647  | \$81,784 |
| 468 | F31NS135980 | 1F31NS135980-01A1 | EMORY UNIVERSITY                         | An Evolutionarily Conserved RNA Binding Protein Critical for Proper Neuronal Function Regulates Lipid Storage and Metabolic Pathways                          | GOLDY, JORDAN               | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$28,860  | \$48,974 |
| 469 | F32CA294924 | 1F32CA294924-01   | STANFORD UNIVERSITY                      | Integrating highly multiplexed immunofluorescence with label-free 2D hyperspectral chemical imaging to interrogate the colorectal cancer tumor-invasive front | HOLMAN, ELIZABETH A         | Awarded. Fellowships only | 2024/07/15 | 2027/07/14 | \$74,284  | \$74,284  | \$47,671  | \$74,284 |
| 470 | F31AG085937 | 5F31AG085937-02   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Lifecourse Residential Segregation, Ethnic Enclaves and Risk and Resilience to AD RD in Diverse Cohorts   | LOR, YI                     | Awarded. Fellowships only | 2024/01/01 | 2028/12/31 | \$83,394  | \$83,394  | \$55,234  | \$41,826 |
| 471 | F31HL175932 | 1F31HL175932-01   | UNIV OF ARKANSAS FOR MED SCIS            | Kidney-resident memory CD8+ T cells promote hypertension and memorize salt sensitivity.   | DECK, KATHERINE             | Awarded. Fellowships only | 2024/09/30 | 2026/09/29 | \$38,945  | \$38,945  | \$23,118  | \$38,945 |
| 472 | F32GM149151 | 5F32GM149151-02   | HARVARD UNIVERSITY                       | Stereoselective Transition Metal Catalysis Enabled by Hydrogen-Bond Donor Mediated Electrophile Activation  | NISTANAKI, SEPAND K         | Awarded. Fellowships only | 2023/09/01 | 2026/08/31 | \$142,512 | \$142,512 | \$112,654 | \$73,828 |
| 473 | F32DK136180 | 5F32DK136180-02   | CLEVELAND CLINIC LERNER COM-CWRU         | Internalization of dead cells governs intestinal stem cell activity   | ZHOU, JULIE                 | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$154,112 | \$154,112 | \$102,700 | \$77,284 |
| 474 | F31EY035168 | 5F31EY035168-02   | DUKE UNIVERSITY                          | Robotic and handheld OCT imaging for diagnosis and treatment of diabetic retinopathy  | NARAWANE, AMIT              | Awarded. Fellowships only | 2024/01/01 | 2026/12/31 | \$82,746  | \$82,746  | \$58,549  | \$41,373 |
| 475 | F30MH138058 | 1F30MH138058-01   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Sleep as a Mechanism of Premenstrual Exacerbation of Depression and Suicidality   | NAGPAL, ANISHA              | Awarded. Fellowships only | 2024/06/27 | 2028/06/26 | \$53,974  | \$53,974  | \$19,528  | \$53,974 |
| 476 | F31GM148053 | 5F31GM148053-03   | STATE UNIVERSITY OF NY,BINGHAMTON        | Mitigating ADA Through Site-specific Conjugation Technology   | BENJAMIN, SAMANTHA RENE     | Awarded. Fellowships only | 2022/11/21 | 2025/11/20 | \$118,160 | \$118,160 | \$82,782  | \$40,294 |
| 477 | F30DK138640 | 1F30DK138640-01A1 | YALE UNIVERSITY                          | Investigating the role of endothelial Gimap5 in maintaining liver homeostasis   | BRANCALE, JOSEPH            | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$33,958  | \$33,958  | \$20,636  | \$33,958 |
| 478 | F31NR021335 | 1F31NR021335-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Positive Childhood Experiences and Intergenerational Trauma Transmission  | DRENTH, PATRICIA JILL-KELLY | Awarded. Fellowships only | 2024/09/01 | 2026/06/30 | \$47,025  | \$47,025  | \$35,954  | \$47,025 |
| 479 | F31HD114435 | 1F31HD114435-01A1 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Elucidating the role of FBLL1 in ribosome function during neuronal differentiation  | ALSHAWI, SARAH ANN          | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$45,419  | \$45,419  | \$32,606  | \$45,419 |

|     |             |                   |   |   |                           |                               |            |            |             |             |           |           |
|-----|-------------|-------------------|---|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 480 | F31HD116553 | 1F31HD116553-01   | STOWERS INSTITUTE FOR MEDICAL RESEARCH  | Investigating ribosome biogenesis and function in the aging mammalian oocyte.   | GALLIGOS, ANNA            | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$32,974    | \$32,974    | \$11,964  | \$32,974  |
| 481 | F32CA284723 | 1F32CA284723-01A1 | FRED HUTCHINSON CANCER CENTER           | Exploring the molecular mechanisms controlling CDK7i sensitivity in pancreas cancer   | WALLACE-POVIRK, ADRIANNE  | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$74,284    | \$74,284    | \$51,751  | \$74,284  |
| 482 | F31CA288067 | 1F31CA288067-01A1 | UNIVERSITY OF KANSAS MEDICAL CENTER     | Transition and Health Implications of Posttraumatic Growth in Pediatric Cancer Survivors  | GILBERT, RENEE M          | Awarded. Fellowships only     | 2024/08/12 | 2026/08/11 | \$41,996    | \$41,996    | \$26,186  | \$41,996  |
| 483 | F31CA294870 | 1F31CA294870-01   | HARVARD UNIVERSITY                      | Base editing to elucidate RAF regulation and signaling  | WOODS, JAMES              | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$41,656    | \$41,656    | \$36,952  | \$41,656  |
| 484 | F31NS135943 | 1F31NS135943-01A1 | TEMPLE UNIV OF THE COMMONWEALTH         | Control of Axon Degeneration by Palmitoylation  | HESKETH, NATASHA LOUISE   | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$34,104    | \$34,104    | \$22,049  | \$34,104  |
| 485 | T32HL066987 | 5T32HL066987-23   | BOSTON CHILDREN'S HOSPITAL              | Transfusion Biology and Cellular Therapies  | MANIS, JOHN P             | Awarded. Non-fellowships only | 2001/09/01 | 2027/11/30 | \$1,460,904 | \$1,460,904 | \$746,153 | \$500,908 |
| 486 | F31AG089912 | 1F31AG089912-01   | CASE WESTERN RESERVE UNIVERSITY         | The Role of Neuronal Primary Cilia Deterioration in Alzheimers Disease  | MILLER, EMIKO L           | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$22,496  | \$48,974  |
| 487 | F31HD114529 | 1F31HD114529-01A1 | MICHIGAN STATE UNIVERSITY               | The impacts of shift work-like lighting on neuroendocrine function  | VAN LOH, BROOKE MARIE     | Awarded. Fellowships only     | 2024/12/17 | 2026/12/16 | \$37,838    | \$37,838    | \$9,602   | \$37,838  |
| 488 | F31HL176050 | 1F31HL176050-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | The innate antiviral response in airway epithelium: a cell type-resolved, functional genomics approach  | PANKOW, ALEC P            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$346     | \$48,974  |
| 489 | F31HL172563 | 1F31HL172563-01A1 | CHILDREN'S RESEARCH INSTITUTE           | Investigating age-dependent differences in cardiac drug response  | SALAMEH, SHATHA           | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$35,398    | \$35,398    | \$0       | \$35,398  |
| 490 | F31CA294598 | 1F31CA294598-01   | DUKE UNIVERSITY                         | Exploring the Relationship Between the Oral Microbiome and Fatigue in Individuals with Breast Cancer: A Longitudinal Study                          | SLACK, JULIA              | Awarded. Fellowships only     | 2024/08/01 | 2026/06/30 | \$48,974    | \$48,974    | \$41,875  | \$48,974  |
| 491 | F31CA294736 | 1F31CA294736-01   | HARVARD MEDICAL SCHOOL                  | Investigating microphthalmia-associated transcription factor (MITF) and growth factors as initiators of melanoma                                    | HONGO, RACHEL             | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$43,456    | \$43,456    | \$34,048  | \$43,456  |
| 492 | F30MH136690 | 1F30MH136690-01A1 | UNIVERSITY OF PENNSYLVANIA              | Leveraging Ultra-High Field MRI to Elucidate Glutamatergic Mechanisms of rTMS in Depression   | PECSOK, MARGARET KASEY    | Awarded. Fellowships only     | 2024/07/16 | 2028/07/15 | \$53,974    | \$53,974    | \$45,504  | \$53,974  |
| 493 | F31DK139707 | 1F31DK139707-01A1 | UNIVERSITY OF WASHINGTON                | Late onset of metabolic liver disease from early life flame retardant exposure and adulthood western diet   | LIM, JONGPYO JOE          | Awarded. Fellowships only     | 2024/08/06 | 2026/08/05 | \$45,574    | \$45,574    | \$35,640  | \$45,574  |
| 494 | F31MD019214 | 1F31MD019214-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | A natural language processing approach to identify social risk factors from neonatal intensive care unit patients' (NICU) electronic health records | MEHTA, SHIVANI            | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$42,574    | \$42,574    | \$21,460  | \$42,574  |
| 495 | F30DE033620 | 1F30DE033620-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Role of Runx2 in Postnatal Dentin Synthesis and Alveolar Osteogenesis   | SMITH, CARIS MULHERN      | Awarded. Fellowships only     | 2024/07/25 | 2027/07/24 | \$54,774    | \$54,774    | \$41,140  | \$54,774  |
| 496 | F30HL176040 | 1F30HL176040-01   | UNIVERSITY OF MINNESOTA                 | Contribution of hydrogen sulfide to Duchenne muscular dystrophy pathophysiology   | FALLON, KATHERINE SAGE    | Awarded. Fellowships only     | 2024/08/01 | 2027/05/01 | \$46,478    | \$46,478    | \$36,281  | \$46,478  |
| 497 | F30CA268780 | 5F30CA268780-04   | UNIVERSITY OF WISCONSIN-MADISON         | Targeted radionuclide therapy for tumor immunomodulation and enhancing immunotherapy response   | KERR, CAROLINE PAULA ANNE | Awarded. Fellowships only     | 2022/01/01 | 2025/12/31 | \$164,591   | \$164,591   | \$160,778 | \$43,552  |
| 498 | F31AI181452 | 1F31AI181452-01A1 | UNIVERSITY OF COLORADO DENVER           | Induction of tolerance to a Hybrid Insulin Peptide and the impact on autoreactive T cell fate and function in autoimmune diabetic islet transplant  | DILISIO, JAMES            | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$39,897    | \$39,897    | \$27,989  | \$39,897  |
| 499 | F32MH138117 | 1F32MH138117-01   | UNIVERSITY OF PENNSYLVANIA              | Histone crotonylation as a novel regulator of learning and memory   | PETRONGLO, JENNA ROSE     | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$73,828    | \$73,828    | \$54,399  | \$73,828  |
| 500 | F30DA056215 | 5F30DA056215-03   | UNIVERSITY OF CALIFORNIA-IRVINE         | Investigation of neural ensembles underlying chronic pain   | HUI, MAY                  | Awarded. Fellowships only     | 2022/11/12 | 2026/11/11 | \$133,728   | \$133,728   | \$65,345  | \$53,974  |

|     |             |                   |   |   |                          |                           |            |            |           |           |           |          |
|-----|-------------|-------------------|---|---|--------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 501 | F31NS134315 | 5F31NS134315-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Understanding the functional anatomy of nociceptive spinal output neurons   | BLEIMEISTER, ISABEL      | Awarded. Fellowships only | 2023/07/01 | 2026/06/30 | \$96,668  | \$96,668  | \$88,467  | \$48,974 |
| 502 | F30MD018324 | 5F30MD018324-03   | VIRGINIA COMMONWEALTH UNIVERSITY        | The relationship between social needs and primary care use after enrollment in Virginia's Medicaid expansion; The influence of sociocultural and built environments | SHADOWEN, HANNAH         | Awarded. Fellowships only | 2022/11/10 | 2027/10/31 | \$126,511 | \$126,511 | \$98,597  | \$42,911 |
| 503 | F32HL175913 | 1F32HL175913-01   | UNIVERSITY OF ROCHESTER                 | Investigating the role of SPRR1A in border zone cardiomyocytes during neonatal cardiac repair   | ZUPPO, DANIEL ANTHONY    | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$74,284  | \$74,284  | \$47,783  | \$74,284 |
| 504 | F32AI186291 | 1F32AI186291-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Anti-fungal immune responses in the female reproductive tract   | COOK, MELISSA ERIN       | Awarded. Fellowships only | 2025/01/01 | 2026/12/31 | \$76,108  | \$76,108  | \$22,078  | \$76,108 |
| 505 | F32DK141094 | 1F32DK141094-01   | MASSACHUSETTS GENERAL HOSPITAL          | Diabetes Self-Management Education and Support for People with Type 2 Diabetes Experiencing Food Insecurity: A Mixed Methods Study                                  | GU, KRISTINE             | Awarded. Fellowships only | 2024/07/01 | 2025/06/30 | \$83,932  | \$83,932  | \$58,557  | \$83,932 |
| 506 | F30EY035132 | 5F30EY035132-02   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Redefining the factors that determine tear film stability to develop novel therapeutics for evaporative dry eye disease   | HISEY, ERIN ALISSA       | Awarded. Fellowships only | 2023/09/01 | 2027/08/31 | \$81,856  | \$81,856  | \$70,096  | \$41,568 |
| 507 | F30DK142444 | 1F30DK142444-01   | UT SOUTHWESTERN MEDICAL CENTER          | Metabolic consequences of zonal defects in gluconeogenesis  | LIANG, ROGER JIE         | Awarded. Fellowships only | 2025/01/01 | 2028/12/31 | \$39,959  | \$39,959  | \$16,287  | \$39,959 |
| 508 | F31MD020275 | 1F31MD020275-01   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Investigating Breast Cancer Outcomes in Haitian Immigrants  | RAVIX, JOVANKA L         | Award terminated          | 2024/11/01 | 2025/10/31 | \$48,974  | \$48,974  | \$18,895  | \$48,974 |
| 509 | F32DA058453 | 5F32DA058453-03   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Contributions of KCNQ2/3 channels to medium spiny neuron excitability and cocaine reward  | JORGENSEN, EMILY         | Awarded. Fellowships only | 2023/05/01 | 2026/04/30 | \$224,613 | \$224,613 | \$132,005 | \$77,037 |
| 510 | F32MH139145 | 1F32MH139145-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Using Neuroprosthetics to Promote Plasticity in Cortical Motor Circuits   | SCHONE, HUNTER           | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$78,828  | \$78,828  | \$24,810  | \$78,828 |
| 511 | F31GM157882 | 1F31GM157882-01   | UNIVERSITY OF PENNSYLVANIA              | Illuminating the Molecular Mechanisms of Replication and Transcription Coordination   | ADIGUN, ALEXANDRIA       | Awarded. Fellowships only | 2025/02/01 | 2028/01/31 | \$48,974  | \$48,974  | \$4,704   | \$48,974 |
| 512 | F30AI188981 | 1F30AI188981-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | The role of caspase-3 mediated cleavage of VPS4A in restricting HSV-1   | POWERS, JENNIFER LYNN    | Awarded. Fellowships only | 2025/03/06 | 2029/06/30 | \$36,459  | \$36,459  | \$3,489   | \$36,459 |
| 513 | F31HL174120 | 1F31HL174120-01A1 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | PROTECTIVE POISON AT HIGH ALTITUDE: THERAPEUTIC EFFECTS OF ELEVATED ENDOGENOUS CO FROM ADAPTIVE HMOX2 VARIANTS  | KONG, MITCHELL CHUNG-HIN | Awarded. Fellowships only | 2025/04/01 | 2027/03/31 | \$42,032  | \$42,032  | \$0       | \$42,032 |
| 514 | F30CA271634 | 5F30CA271634-04   | UT SOUTHWESTERN MEDICAL CENTER          | Dissecting Mechanisms of Pyrimidine Synthesis Dependence in IDH Mutant Glioma   | SAVANI, MILAN RASHMIN    | Awarded. Fellowships only | 2022/04/20 | 2026/04/19 | \$170,191 | \$170,191 | \$115,812 | \$46,716 |
| 515 | F31DK141239 | 1F31DK141239-01A1 | UNIVERSITY OF GEORGIA                   | A process evaluation of a pragmatic randomized controlled trial to promote mental health among adults with Type 1 diabetes  | COOPER, ZACH             | Awarded. Fellowships only | 2025/01/01 | 2026/12/31 | \$43,828  | \$43,828  | \$12,737  | \$43,828 |
| 516 | F31AI189160 | 1F31AI189160-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Temporal Regulation of mRNA Biogenesis in Immune Responses  | LEHMAN, JESSE WILLIAM    | Awarded. Fellowships only | 2025/02/10 | 2027/02/09 | \$33,806  | \$33,806  | \$6,043   | \$33,806 |
| 517 | F31DC022149 | 1F31DC022149-01A1 | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | Development of Retronasal Smell Perception in Young Children and Relation with BMI  | COLBERT, SARAH           | Awarded. Fellowships only | 2024/08/02 | 2027/07/31 | \$48,974  | \$48,974  | \$37,664  | \$48,974 |
| 518 | F30EY037188 | 1F30EY037188-01   | RICE UNIVERSITY                         | Enhanced Transretinal Ultrasound Delivery (ETUDE)   | LINK, SCHUYLER           | Awarded. Fellowships only | 2025/01/01 | 2028/12/31 | \$53,974  | \$53,974  | \$0       | \$53,974 |
| 519 | F31DC022173 | 1F31DC022173-01A1 | VANDERBILT UNIVERSITY                   | Evaluating Cascading Effects of Caregiver Stress on Later Language Outcomes of Infants  | MARKFELD, JENNIFER E     | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$34,295  | \$34,295  | \$21,670  | \$34,295 |
| 520 | F31AT012583 | 5F31AT012583-02   | UNIVERSITY OF WISCONSIN-MADISON         | Whole-Person Health and Brain Health Outcomes of Mindfulness Training in Asthma   | CARROL, DANIELLE H       | Awarded. Fellowships only | 2024/03/24 | 2026/03/23 | \$68,854  | \$68,854  | \$40,750  | \$34,427 |
| 521 | F31AI189485 | 1F31AI189485-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Utilizing a Novel Skin-on-a-Chip Model to Investigate Extramedullary Granulopoiesis and Immune Responses in Human Skin  | CIRVES, EVAN PATRICK     | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$42,058  | \$42,058  | \$16,279  | \$42,058 |

|     |             |                   |  |   |                                   |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|--|---|-----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 522 | F31GM156081 | 1F31GM156081-01A1 | DARTMOUTH COLLEGE                        | Mechanisms of cell size determination by the mitotic cyclin Cdc13   | VANDAL, SARAH E                   | Awarded. Fellowships only     | 2025/01/01 | 2027/06/30 | \$48,974    | \$48,974    | \$13,694    | \$48,974  |
| 523 | F30CA298683 | 1F30CA298683-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Novel Approach to Hepatocellular Carcinoma Treatment through Enhanced ER Stress   | BAKER, ADRIANA                    | Awarded. Fellowships only     | 2025/03/14 | 2030/03/13 | \$41,506    | \$41,506    | \$0         | \$41,506  |
| 524 | F31AA032179 | 1F31AA032179-01   | YALE UNIVERSITY                          | Investigating neural and behavioral indications of persistent alcohol-related thoughts                                      | YE, JEAN                          | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$42,574    | \$42,574    | \$9,504     | \$42,574  |
| 525 | T32HD083185 | 5T32HD083185-10   | UNIVERSITY OF PENNSYLVANIA               | Graduate Training in Developmental Biology  | GRANATO, MICHAEL                  | Awarded. Non-fellowships only | 2015/05/01 | 2026/04/30 | \$1,841,232 | \$1,841,232 | \$1,324,052 | \$396,063 |
| 526 | F30DK138641 | 5F30DK138641-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Defining the role of IGF2 in regulating adipocyte progenitor proliferation and adipogenesis                                 | SHARMA, ANKIT                     | Awarded. Fellowships only     | 2024/04/01 | 2028/03/31 | \$102,640   | \$102,640   | \$50,887    | \$51,320  |
| 527 | F32MH139162 | 1F32MH139162-01   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | A multifunctional fiber platform for wireless, volumetric imaging and modulation of neural activity in vivo                 | CANNON, TAYLOR MARIE              | Awarded. Fellowships only     | 2024/09/16 | 2026/09/15 | \$81,048    | \$81,048    | \$33,942    | \$81,048  |
| 528 | F31DA062536 | 1F31DA062536-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Investigating the role of nicotine and the NLRP3 Inflammasome in HIV-1-Associated CNS Inflammation                          | KEANE, AISLINN                    | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 529 | F31AR083830 | 5F31AR083830-02   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Endothelial cell-fibroblast communication in skin wound healing   | YUAN, HEIDI                       | Awarded. Fellowships only     | 2024/04/16 | 2027/04/15 | \$107,948   | \$107,948   | \$44,633    | \$53,974  |
| 530 | F32DA060612 | 5F32DA060612-02   | GEORGE WASHINGTON UNIVERSITY             | Socio-structural determinants of cannabis and derived psychoactive cannabis product use and consequences among young adults | LOPARCO, CASSIDY R                | Awarded. Fellowships only     | 2024/04/15 | 2026/04/14 | \$148,112   | \$148,112   | \$72,496    | \$74,284  |
| 531 | T32HD007470 | 2T32HD007470-31A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Predoctoral Training in Developmental Biology   | NYSTUL, TODD                      | Awarded. Non-fellowships only | 1994/07/01 | 2030/04/30 | \$387,359   | \$387,359   | \$0         | \$387,359 |
| 532 | F32GM157897 | 1F32GM157897-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Feedback mechanisms link tubulin PTMs to Golgi organization   | PIMM, MORGAN LYNN                 | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$73,828    | \$73,828    | \$12,781    | \$73,828  |
| 533 | F32GM157846 | 1F32GM157846-01   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Spectroscopic Characterization of Enzymatic Intermediates with FeS Clusters   | SHIAU, ANGELA                     | Awarded. Fellowships only     | 2024/12/06 | 2026/11/30 | \$73,828    | \$73,828    | \$0         | \$73,828  |
| 534 | F32DA062486 | 1F32DA062486-01   | CHILDREN'S HOSP OF PHILADELPHIA          | Targeting Dentate Gyrus to Disrupt Fentanyl-Linked Context Memories   | COLON, LORIANNA                   | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$76,756    | \$76,756    | \$15,294    | \$76,756  |
| 535 | F32GM156066 | 1F32GM156066-01A1 | STANFORD UNIVERSITY                      | Dissecting enzyme function at scale using synergistic advances in microfluidics and genetic code expansion                  | ALMHJELL, PATRICK JAMES           | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$74,284    | \$74,284    | \$26,364    | \$74,284  |
| 536 | F30MH136677 | 1F30MH136677-01A1 | VANDERBILT UNIVERSITY                    | Sensorimotor Control of Facial Expression in Autism   | BRESS, KIMBERLY SUMMER            | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$34,295    | \$34,295    | \$14,363    | \$34,295  |
| 537 | F30MH135688 | 1F30MH135688-01A1 | UNIVERSITY OF CALIFORNIA-IRVINE          | Hippocampal network mediating behavioral effects of social isolation in mice  | YANG, CHENYI                      | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$45,563    | \$45,563    | \$0         | \$45,563  |
| 538 | F31NS141628 | 1F31NS141628-01   | COLUMBIA UNIV NEW YORK MORNINGSIDE       | Regeneration of Thalamopallial Projections and Sensory Function in the Salamander Brain                                     | CHUA, JIANMING NICHOLAS           | Awarded. Fellowships only     | 2024/12/01 | 2027/09/30 | \$48,974    | \$48,974    | \$16,464    | \$48,974  |
| 539 | F32AA031901 | 1F32AA031901-01A1 | LSU HEALTH SCIENCES CENTER               | Alcohol-mediated mitochondrial adaptations in skeletal muscle: role of Sirtuin1   | RODRIGUEZ GRACIANI, KEISHLA MARIE | Awarded. Fellowships only     | 2025/02/16 | 2026/08/15 | \$74,284    | \$74,284    | \$8,458     | \$74,284  |
| 540 | F30MH139332 | 1F30MH139332-01   | HOFSTRA UNIVERSITY                       | Determining neural dynamics of human memory using invasive recordings and closed-loop electrical brain stimulation          | MISHRA, AKASH                     | Awarded. Fellowships only     | 2024/12/03 | 2029/12/02 | \$41,974    | \$41,974    | \$0         | \$41,974  |
| 541 | F31AA032197 | 1F31AA032197-01   | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Investigating Ensemble Activity Dynamics of a Thalamo-Striatal Circuit Regulating Alcohol Seeking                           | WARD, AMY L                       | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$46,609    | \$46,609    | \$31,169    | \$46,609  |
| 542 | F30HL167584 | 5F30HL167584-03   | UNIVERSITY OF CALIFORNIA-IRVINE          | Non-Invasive Carotid Artery Measurements for Continuous Intracranial Pressure Monitoring                                    | ABIRI, ARASH                      | Awarded. Fellowships only     | 2023/04/01 | 2027/03/31 | \$122,215   | \$122,215   | \$33,655    | \$41,165  |
| 543 | F31AI189149 | 1F31AI189149-01   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | Human gut Bacteroidales defense mechanisms against emerging antibacterial toxins  | SANFORD, TRISTAN C                | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$46,402    | \$46,402    | \$12,975    | \$46,402  |

|     |             |                   |  |   |                            |                               |            |            |           |           |           |           |
|-----|-------------|-------------------|--|---|----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 544 | F31MH139309 | 1F31MH139309-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Understanding the mechanisms by which vCA1 orchestrates avoidance behavior  | O'SULLIVAN, RACHEL         | Awarded. Fellowships only     | 2025/02/27 | 2027/02/26 | \$48,974  | \$48,974  | \$18,559  | \$48,974  |
| 545 | F32AI189066 | 1F32AI189066-01   | EMORY UNIVERSITY                         | Investigating the role of intrahepatic plasma cells in the clearance of HCV infection: implications for rational vaccine design | GRIDLEY, JOHN              | Awarded. Fellowships only     | 2024/12/01 | 2026/06/30 | \$76,756  | \$76,756  | \$10,727  | \$76,756  |
| 546 | F31HL178225 | 1F31HL178225-01   | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | TRPM7-mediated macrophage signaling in atherosclerosis  | LI, CINDY XINTONG          | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$45,122  | \$45,122  | \$7,663   | \$45,122  |
| 547 | F30NS141487 | 1F30NS141487-01   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | Understanding the Role of Endoplasmic Reticulum-Exit Site Upregulation in Neuroprotection Against Parkinson's Disease           | GARCIA, ROGER C            | Awarded. Fellowships only     | 2025/02/01 | 2028/10/31 | \$37,568  | \$37,568  | \$8,781   | \$37,568  |
| 548 | F32EY036275 | 5F32EY036275-02   | STANFORD UNIVERSITY                      | The effects of sleep and iPRGCs on computations in the early visual system  | AU, DAVID                  | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$148,112 | \$148,112 | \$73,067  | \$74,284  |
| 549 | F31DK138777 | 5F31DK138777-02   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Neural circuits mediating food impulsive behavior   | KLUG, MOLLY E              | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$85,148  | \$85,148  | \$58,581  | \$42,574  |
| 550 | F31DC022480 | 1F31DC022480-01   | JOHNS HOPKINS UNIVERSITY                 | Regulation of hair cell mechanotransduction by PIP2   | MITTELSTADT, JONAH KENDAHL | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974  | \$48,974  | \$19,875  | \$48,974  |
| 551 | F31NS141557 | 1F31NS141557-01   | BOSTON CHILDREN'S HOSPITAL               | Neuronal Primary Cilia Dysfunction in Tuberous Sclerosis Complex  | DONOVAN, KATHLEEN          | Awarded. Fellowships only     | 2025/01/03 | 2028/01/02 | \$45,132  | \$45,132  | \$0       | \$45,132  |
| 552 | T32MH130247 | 5T32MH130247-04   | GEORGE WASHINGTON UNIVERSITY             | Training Program in Approaches to Address Social-Structural Factors Related to HIV Intersectionally (TASHI)                     | KERRIGAN, DEANNA L         | Awarded. Non-fellowships only | 2022/05/01 | 2027/04/30 | \$912,601 | \$912,601 | \$472,770 | \$185,402 |
| 553 | F31AI183632 | 1F31AI183632-01A1 | UNIVERSITY OF CALIFORNIA-IRVINE          | Quantifying Conflict and its Association with Cholera in Yemen  | TARNAS, MAIA CELINE        | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$45,976  | \$45,976  | \$16,487  | \$45,976  |
| 554 | F31NS132554 | 5F31NS132554-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Modulation of Heteromeric AMPA-Subtype iGluRs by Auxiliary Subunits   | YEN, LAURA YAUNHEE         | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$103,948 | \$103,948 | \$70,479  | \$51,974  |
| 555 | F30DA057092 | 5F30DA057092-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | The Role of Fyn Kinase in the Dorsal Striatum in Heroin Use Disorder  | SHERMAN, JEREMY            | Awarded. Fellowships only     | 2023/04/01 | 2026/06/30 | \$158,362 | \$158,362 | \$91,503  | \$53,974  |
| 556 | F31AI176725 | 5F31AI176725-02   | STATE UNIVERSITY OF NEW YORK AT ALBANY   | Investigating the Genetic Determinants of Host-Specificity and Potential for Further Adaptation of Powassan Virus               | LANGE, RACHEL              | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$72,891  | \$72,891  | \$30,170  | \$36,480  |
| 557 | F30HL168823 | 5F30HL168823-02   | JOHNS HOPKINS UNIVERSITY                 | Spinal Cord Injury: A Cardiovascular Perspective using Ultrasound   | ROUTKEVITCH, DENIS         | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$107,948 | \$107,948 | \$55,444  | \$53,974  |
| 558 | F31GM153153 | 5F31GM153153-02   | EMORY UNIVERSITY                         | Investigating the role of DNA structure in centromere specification   | GUTEMA, LYDIA HABTAMU      | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$97,948  | \$97,948  | \$50,658  | \$48,974  |
| 559 | F31CA278588 | 5F31CA278588-02   | BOSTON UNIVERSITY MEDICAL CAMPUS         | Defining the tumor suppressive mechanism of the kinase STK25  | HO, RACHEL XI-YEEN         | Awarded. Fellowships only     | 2024/01/17 | 2026/01/16 | \$97,948  | \$97,948  | \$32,657  | \$48,974  |
| 560 | F30AG077858 | 5F30AG077858-03   | UNIVERSITY OF PENNSYLVANIA               | Characterizing Vulnerable Cell Types in C9orf72-FTD   | DAI, DAVID                 | Awarded. Fellowships only     | 2023/01/01 | 2025/05/31 | \$123,300 | \$123,300 | \$103,077 | \$17,574  |
| 561 | F31HL172606 | 5F31HL172606-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Elucidating the role of Scribble in angiogenic symmetry breaking and adherens junction remodeling                               | MAYO, LAKYN NICOLE         | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$82,162  | \$82,162  | \$57,240  | \$41,081  |
| 562 | F31MH136735 | 5F31MH136735-02   | HARVARD MEDICAL SCHOOL                   | Uncovering the genomic and transcriptomic variation due to mobile elements in the population and in neurological disease        | YENKIN, ALEX LONDON        | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$80,121  | \$80,121  | \$43,203  | \$36,918  |
| 563 | F31DK135277 | 5F31DK135277-03   | UNIVERSITY OF PENNSYLVANIA               | Investigating folliculin as a regulator of VLDL-TG secretion in non-alcoholic fatty liver disease and steatohepatitis           | THORSHEIM, CHELSEA         | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$139,464 | \$139,464 | \$97,992  | \$39,796  |
| 564 | F32NS129591 | 5F32NS129591-03   | OREGON HEALTH & SCIENCE UNIVERSITY       | Investigating the role of diazepam binding inhibitor (DBI) in astrocytes and neural circuit maturation                          | HEO, DONGEUN               | Awarded. Fellowships only     | 2023/02/01 | 2025/09/30 | \$198,668 | \$198,668 | \$157,172 | \$55,304  |



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|-----|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 565 | F30AI183565 | 5F30AI183565-02   | UNIVERSITY OF ILLINOIS AT CHICAGO       | Evaluating the role of a lipoic acid transfer protein in Staphylococcus aureus metabolism and virulence                                   | WOODS, REGINALD A            | Awarded. Fellowships only     | 2024/04/01 | 2028/03/31 | \$107,948   | \$107,948   | \$37,451    | \$53,974  |
| 566 | F30DK136213 | 5F30DK136213-03   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Harnessing polymicrobial interactions in the catheterized urinary tract to identify novel inhibitors of Proteus mirabilis urease activity | GUTERMAN, LAUREN BERYL       | Awarded. Fellowships only     | 2023/04/01 | 2028/03/31 | \$106,533   | \$106,533   | \$68,436    | \$34,680  |
| 567 | F31AG086016 | 5F31AG086016-02   | UNIVERSITY OF ILLINOIS AT CHICAGO       | The effect of mild cognitive impairment on reactive stepping responses and motor adaptation to trip perturbations                         | PITTS, JESSICA               | Awarded. Fellowships only     | 2024/01/31 | 2027/01/30 | \$97,948    | \$97,948    | \$62,229    | \$48,974  |
| 568 | F31AR083275 | 5F31AR083275-02   | ROCKEFELLER UNIVERSITY                  | Long-term systemic consequences of type 2 skin inflammation on epithelial stem cells  | SAJJATH, SAIRAJ M            | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$53,055    | \$48,974  |
| 569 | F31DK134167 | 5F31DK134167-03   | SCRIPPS RESEARCH INSTITUTE, THE         | Molecular mechanism of PIN1-mediated regulation of the nuclear receptor PPARγ   | WILLIAMS, CHRISTOPHER CONRAD | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$106,642   | \$106,642   | \$67,781    | \$35,974  |
| 570 | F31CA281258 | 5F31CA281258-02   | EMORY UNIVERSITY                        | Mechanism underlying how host B cells empower adoptively transferred Th17 cells with durable tumor immunity                               | COLE, ANNA CAMILLE ELYSE     | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$97,948    | \$97,948    | \$51,711    | \$48,974  |
| 571 | F30EY035942 | 5F30EY035942-02   | CARNEGIE-MELLON UNIVERSITY              | Characterizing Eye Movements after Pediatric Cortical Resection: Neural Bases and Cognitive Implications                                  | CHRONEOS, MARIA ZDENKA       | Awarded. Fellowships only     | 2024/02/02 | 2028/02/01 | \$107,948   | \$107,948   | \$52,645    | \$53,974  |
| 572 | F30DK139762 | 5F30DK139762-02   | EMORY UNIVERSITY                        | Beneficial microbe driven rewiring of metabolic pathways in the gut and liver   | GACASAN, CAMILO ANTHONY G    | Awarded. Fellowships only     | 2024/02/01 | 2028/01/31 | \$107,948   | \$107,948   | \$58,403    | \$53,974  |
| 573 | T32DC000013 | 3T32DC000013-45S1 | FATHER FLANAGAN'S BOYS' HOME            | RESEARCH IN HUMAN COMMUNICATION AND ITS DISORDERS   | CHATTERJEE, MONITA           | Awarded. Non-fellowships only | 1980/07/01 | 2025/06/30 | \$1,066,065 | \$1,066,065 | \$1,068,954 | \$80,231  |
| 574 | T32DA007292 | 3T32DA007292-32S1 | JOHNS HOPKINS UNIVERSITY                | NIDA Epidemiology Training Program  | MAHER, BRION S               | Awarded. Non-fellowships only | 1995/08/01 | 2028/06/30 | \$2,144,397 | \$2,144,397 | \$1,581,902 | \$139,999 |
| 575 | F31DA059983 | 5F31DA059983-02   | UNIVERSITY OF IOWA                      | Competing basolateral amygdala inputs to the infralimbic and prelimbic cortices in cocaine-seeking behavior                               | ZIMBELMAN, ALEXA RYAN        | Awarded. Fellowships only     | 2024/02/08 | 2027/02/07 | \$71,799    | \$71,799    | \$39,816    | \$35,900  |
| 576 | F32AI176630 | 5F32AI176630-03   | JOHNS HOPKINS UNIVERSITY                | Regulation of tissue-resident helper type 2 T cells by fatty acid transport protein 4 (FATP4)   | KANIA, ANNA K                | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$220,120   | \$220,120   | \$147,237   | \$76,756  |
| 577 | F32GM150232 | 5F32GM150232-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Chemoenzymatic synthesis and pharmacological evaluation of designer plant meroterpenoids  | LOVE, ANNA CLAIRE            | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$220,120   | \$220,120   | \$145,855   | \$76,756  |
| 578 | F31HL178081 | 1F31HL178081-01   | CINCINNATI CHILDRENS HOSP MED CTR       | Characterization of Nrac, a Novel Cardiac and Adipose Enriched Microprotein   | COUGHLIN, TAYLOR             | Awarded. Fellowships only     | 2024/12/22 | 2027/12/21 | \$41,915    | \$41,915    | \$0         | \$41,915  |
| 579 | F31HL177963 | 1F31HL177963-01   | TUFTS UNIVERSITY BOSTON                 | Characterizing Lung Resident B1 cells and their Impact on Lung Homeostasis during Development   | CARROLL, KIMBERLY ANNE       | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$45,162    | \$45,162    | \$13,307    | \$45,162  |
| 580 | F31MH136703 | 1F31MH136703-01A1 | UNIVERSITY OF WISCONSIN MILWAUKEE       | Racial Microaggressions, Neural Vigilance Circuitry and PTSD Outcomes in Youth Victims of Violence  | HARB, FARAH                  | Awarded. Fellowships only     | 2025/01/03 | 2028/01/02 | \$44,828    | \$44,828    | \$0         | \$44,828  |
| 581 | F31NS135930 | 1F31NS135930-01A1 | YALE UNIVERSITY                         | Investigation of the Lipid Transfer ProteinVPS13D at the Golgi Apparatus  | AMOS, CHASE ALLEN            | Awarded. Fellowships only     | 2025/01/16 | 2027/01/15 | \$48,974    | \$48,974    | \$11,582    | \$48,974  |
| 582 | F30DA057839 | 5F30DA057839-03   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Circuit mechanisms for opioid analgesia and addiction in prefrontal cortex  | OCHANDARENA, NICOLE ELISE    | Awarded. Fellowships only     | 2023/03/01 | 2025/12/31 | \$131,785   | \$131,785   | \$70,342    | \$45,180  |
| 583 | F31DK138780 | 5F31DK138780-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Cadherin complexes recruit PIWIL2 to suppress transposons and maintain the normal epithelial phenotype                                    | RISNER, ALYSSA               | Awarded. Fellowships only     | 2024/02/01 | 2025/05/30 | \$71,667    | \$71,667    | \$59,059    | \$25,238  |
| 584 | F30AI179167 | 5F30AI179167-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | Arginine Biosynthesis: A Metabolic Battery for Mycobacteria tuberculosis to Survive Aerosolization Stress                                 | NAZIA, SAKILA ZAMAN          | Awarded. Fellowships only     | 2024/02/01 | 2028/01/31 | \$107,948   | \$107,948   | \$42,377    | \$53,974  |

|     |             |                 |  |   |                                  |                           |            |            |           |           |           |          |
|-----|-------------|-----------------|--|---|----------------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 585 | F31AR083249 | 5F31AR083249-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Role and regulation of a differentiation-specific keratin in keratinocyte adaptation to mechanical stress   | STEINER, SARAH N                 | Awarded. Fellowships only | 2024/03/01 | 2026/02/28 | \$84,456  | \$84,456  | \$62,661  | \$42,368 |
| 586 | F30DK137407 | 5F30DK137407-02 | UT SOUTHWESTERN MEDICAL CENTER           | The role of mitochondrial ATP production in liver failure   | MENEZES, CAMERON JOSEPH          | Awarded. Fellowships only | 2024/02/01 | 2028/01/31 | \$80,098  | \$80,098  | \$44,966  | \$40,049 |
| 587 | F31MD020240 | 1F31MD020240-01 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Developing Racially Equitable post-release supervision Assignment guidelines to prevent overdose and suicide Mortality among formerly incarcerated people (DREAM) | SWILLEY-MARTINEZ, MONICA E       | Award terminated          | 2024/12/01 | 2025/11/30 | \$41,253  | \$41,253  | \$14,112  | \$41,253 |
| 588 | F32DK141532 | 1F32DK141532-01 | STANFORD UNIVERSITY                      | Incentive Payments and Practice Patterns in Dialysis: The Case of Calcimimetics   | CALDWELL, JILLIAN SCOTT          | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$83,932  | \$83,932  | \$46,542  | \$83,932 |
| 589 | F30AG077929 | 5F30AG077929-03 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Defining age-associated alterations in oral squamous cell carcinoma   | SPINELLA, ANTHONY                | Awarded. Fellowships only | 2023/04/01 | 2027/03/31 | \$160,642 | \$160,642 | \$101,835 | \$53,974 |
| 590 | F31CA280993 | 5F31CA280993-02 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Merkel cell polyomavirus T-Antigen mediated reprogramming in adult epidermis  | WEBER, MADISON                   | Awarded. Fellowships only | 2024/02/05 | 2028/02/04 | \$94,748  | \$94,748  | \$42,575  | \$47,374 |
| 591 | F32DA060044 | 5F32DA060044-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Nucleus accumbens dynamics underlying cue-reward learning   | BURKE, DENNIS ALEXANDER          | Awarded. Fellowships only | 2024/02/14 | 2027/01/31 | \$151,412 | \$151,412 | \$89,906  | \$74,284 |
| 592 | F32DA062467 | 1F32DA062467-01 | CORNELL UNIVERSITY                       | Neural mechanisms of psilocybin action in the frontal cortex  | BILASH, OLESIA M                 | Awarded. Fellowships only | 2025/04/01 | 2028/03/31 | \$74,284  | \$74,284  | \$0       | \$74,284 |
| 593 | F32HL162418 | 5F32HL162418-03 | NORTHWESTERN UNIVERSITY AT CHICAGO       | The role of epigenetic regulator UHRF1 in stability of induced regulatory T-cell function during influenza A virus-induced lung injury                            | JOUDI, ANTHONY                   | Awarded. Fellowships only | 2023/03/01 | 2026/02/28 | \$249,222 | \$249,222 | \$148,926 | \$86,488 |
| 594 | F30AI176727 | 5F30AI176727-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Determining the role of oxysterols in lymphocyte homing to lymph nodes in homeostasis and inflammation  | CHEN, KEVIN Y                    | Awarded. Fellowships only | 2023/03/01 | 2027/02/28 | \$135,119 | \$135,119 | \$86,284  | \$53,974 |
| 595 | F31NS132495 | 5F31NS132495-03 | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Investigating the Role of cnb-1 and chpf-1 in GABA DD Motor Neuron Remodeling and Synapse Maintenance   | LIU, SAM                         | Awarded. Fellowships only | 2023/03/21 | 2026/03/20 | \$107,500 | \$107,500 | \$74,201  | \$36,260 |
| 596 | F32HL172624 | 5F32HL172624-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Characterizing regulatory mechanisms of desmosomal protein expression in arrhythmogenic cardiomyopathy  | ELLIS, MATTHEW W                 | Awarded. Fellowships only | 2024/02/01 | 2026/01/31 | \$154,112 | \$154,112 | \$18,198  | \$77,284 |
| 597 | F31DA060004 | 5F31DA060004-02 | UNIVERSITY OF MINNESOTA                  | Characterizing BLA dopaminergic and glutamatergic mechanisms of dynamic drug seeking  | BRICKNER, MEGAN A                | Awarded. Fellowships only | 2024/02/12 | 2027/02/11 | \$94,696  | \$94,696  | \$40,355  | \$48,032 |
| 598 | F31HL172609 | 5F31HL172609-02 | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | The role of neonatal ROS in cardiomyocyte maturation and injury response  | WALKER, ALLISON TROUTEN          | Awarded. Fellowships only | 2024/01/01 | 2025/12/31 | \$103,948 | \$103,948 | \$61,168  | \$51,974 |
| 599 | F32HL167570 | 5F32HL167570-03 | UNIVERSITY OF TEXAS AT AUSTIN            | Cyclic stretch of bicuspid aortic valves: elucidating its implications for cell signaling and tissue mechanics.   | WEST, TONI MCCLISH               | Awarded. Fellowships only | 2023/04/01 | 2026/03/31 | \$239,068 | \$239,068 | \$155,017 | \$83,932 |
| 600 | F30HD118663 | 1F30HD118663-01 | UNIVERSITY OF IOWA                       | Investigating the role of FGF21 in bone homeostasis in Duchenne Muscular Dystrophy  | HURLEY-NOVATNY, AMELIA CHARLOTTE | Awarded. Fellowships only | 2025/05/01 | 2029/04/30 | \$45,574  | \$45,574  | \$0       | \$45,574 |
| 601 | F31NS135919 | 5F31NS135919-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | The contribution of macrophage subpopulations to axon degeneration, nerve inflammation, and regeneration of the injured sciatic nerve                             | HAFNER, HANNAH JULE              | Awarded. Fellowships only | 2024/01/01 | 2025/11/30 | \$81,724  | \$81,724  | \$64,577  | \$40,060 |
| 602 | F31AI191634 | 1F31AI191634-01 | PRINCETON UNIVERSITY                     | Investigating VICE domain functions tied to altered ribosome localization and translational flux during HSV-1 infection   | METZGER, PETER                   | Awarded. Fellowships only | 2025/04/01 | 2027/03/31 | \$32,974  | \$32,974  | \$0       | \$32,974 |
| 603 | F32HD114392 | 5F32HD114392-02 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Longitudinal trajectories of white matter and reading development in bilingual children   | RONDEROS, JULIANA                | Awarded. Fellowships only | 2024/04/02 | 2025/10/01 | \$129,420 | \$129,420 | \$72,633  | \$48,592 |



|     |             |                   |   |  |                             |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|---|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 604 | F31DA058497 | 5F31DA058497-02   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES  | Characterizing the formation and maintenance of drug-biased beliefs in opioid use disorder                                   | ALVAREZ, EMMANUEL EDUARDO   | Awarded. Fellowships only     | 2024/02/14 | 2026/01/31 | \$88,072    | \$88,072    | \$38,976    | \$44,036  |
| 605 | F31HD116544 | 1F31HD116544-01A1 | EMORY UNIVERSITY  | Understanding how defects in the maternal epigenetic reprogramming function of LSD1/KDM1A contribute to inherited phenotypes | REEVES, MONICA              | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 606 | F32AI191525 | 1F32AI191525-01   | UNIVERSITY OF NOTRE DAME  | Revealing the Structural Determinants of TCR Cross-Recognition via Extended Positional Scanning                              | BRAMBLEY, CHAD              | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$76,984    | \$76,984    | \$0         | \$76,984  |
| 607 | F32DC022781 | 1F32DC022781-01   | JACKSON LABORATORY  | The Role of Aco2 in progressive hearing loss   | SAMBOLIN-ESCOBALES, LUBRIEL | Awarded. Fellowships only     | 2024/12/05 | 2027/12/04 | \$74,284    | \$74,284    | \$24,278    | \$74,284  |
| 608 | TL1DK143270 | 1TL1DK143270-01   | UNIVERSITY OF WASHINGTON  | NRSA Training Core   | WESSELLS, HUNTER            | Awarded. Non-fellowships only | 2024/09/01 | 2029/05/31 | \$720,494   | \$720,494   | \$324,372   | \$720,494 |
| 609 | T32CA057699 | 5T32CA057699-33   | UNIVERSITY OF ILLINOIS AT CHICAGO   | Cancer Health Equity Career Development Program  | FITZGIBBON, MARIAN L        | Awarded. Non-fellowships only | 1992/09/15 | 2028/03/31 | \$1,128,870 | \$1,128,870 | \$765,278   | \$435,518 |
| 610 | F31GM151863 | 7F31GM151863-02   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, LLC | Structural and evolutionary basis for insertion unidirectionality in RNA-guided DNA transposition systems                    | TRUONG, VINH H              | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$47,694    | \$47,694    | \$23,834    | \$47,694  |
| 611 | F31AR084289 | 5F31AR084289-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Piezo1-driven Synovial Fibrosis in Post-Traumatic Osteoarthritis   | FARRELL, EASTON             | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$88,354    | \$88,354    | \$38,646    | \$44,177  |
| 612 | F31DA063403 | 1F31DA063403-01   | FATHER FLANAGAN'S BOYS' HOME  | Impact of HIV and Cannabis Use on Executive Brain Function and Inflammation  | MCDONALD, KELLEN            | Awarded. Fellowships only     | 2025/04/11 | 2028/04/10 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 613 | F32MH136673 | 5F32MH136673-02   | PRINCETON UNIVERSITY  | Decoding the specificity of social drives  | MACK, NANCY ROSE            | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$153,364   | \$153,364   | \$61,638    | \$79,284  |
| 614 | F32HL170509 | 7F32HL170509-03   | UNIVERSITY OF WISCONSIN-MADISON   | The role of S-glutathione in regulating cardiac myosin binding protein-C function  | GREENMAN, ANGELA            | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$143,364   | \$143,364   | \$108,287   | \$65,207  |
| 615 | F31NR020848 | 5F31NR020848-02   | EMORY UNIVERSITY  | The Influence of Symptoms, Functional Status, and Social Vulnerability on Healthcare Use Among Patients Receiving Dialysis   | NOORANI, NAZIYA P           | Awarded. Fellowships only     | 2024/03/01 | 2026/02/28 | \$97,948    | \$97,948    | \$41,972    | \$48,974  |
| 616 | T32AR080630 | 3T32AR080630-03S1 | UNIVERSITY OF COLORADO DENVER   | Interdisciplinary Training in Musculoskeletal Research   | ZUSCIK, MICHAEL J           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,043,430 | \$1,043,430 | \$687,327   | \$39,898  |
| 617 | F30DC023130 | 1F30DC023130-01   | WEILL MEDICAL COLL OF CORNELL UNIV  | Investigating dopamines role in olfactory navigation   | EGHBALI, NOELLE             | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$53,974    | \$53,974    | \$0         | \$53,974  |
| 618 | T32GM142607 | 3T32GM142607-04S1 | UNIVERSITY OF COLORADO  | Predoctoral Training in Signaling in Cellular Regulation (T32) INCLUDE Down Syndrome Supplement                              | AHN, NATALIE G              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,506,220 | \$2,506,220 | \$2,148,475 | \$188,944 |
| 619 | T35EY007088 | 5T35EY007088-40   | UNIVERSITY OF HOUSTON   | Short Term Training in Health Professional Schools   | FRISHMAN, LAURA J           | Awarded. Non-fellowships only | 1984/09/28 | 2026/04/30 | \$342,209   | \$342,209   | \$199,761   | \$71,224  |
| 620 | T32HD007489 | 5T32HD007489-30   | UNIVERSITY OF WISCONSIN-MADISON   | Post-Doctoral Training in Intellectual and Developmental Disabilities Research   | HARTLEY, SIGAN L            | Awarded. Non-fellowships only | 1995/09/29 | 2025/12/31 | \$1,461,099 | \$1,461,099 | \$1,379,211 | \$304,964 |
| 621 | T32HL116273 | 5T32HL116273-12   | CEDARS-SINAI MEDICAL CENTER   | Training in Advanced Heart Disease Research  | MARBAN, EDUARDO             | Awarded. Non-fellowships only | 2013/08/01 | 2028/07/31 | \$803,053   | \$803,053   | \$546,539   | \$262,824 |
| 622 | F31HD108006 | 5F31HD108006-03   | UNIVERSITY OF TEXAS AT AUSTIN   | How a cell cycle kinase, Aurora A, regulates polarity proteins organization  | MANZI, NADIA INGABIRE       | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$118,580   | \$118,580   | \$87,846    | \$42,694  |
| 623 | F31DA060014 | 1F31DA060014-01   | UNIVERSITY OF MARYLAND BALTIMORE  | A Novel Animal Model to Investigate the Effects of Delta-9 - Tetrahydrocannabinol in the Primary Visual Cortex of Ferrets.   | PRUITT, MOLLY ELIZABETH     | Awarded. Fellowships only     | 2024/07/02 | 2026/07/01 | \$42,574    | \$42,574    | \$36,227    | \$42,574  |
| 624 | T32DK007634 | 2T32DK007634-35   | UNIV OF NORTH CAROLINA CHAPEL HILL  | Digestive Disease Epidemiology Training Program  | SANDLER, ROBERT S           | Awarded. Non-fellowships only | 1990/07/10 | 2029/06/30 | \$408,104   | \$408,104   | \$307,501   | \$408,104 |
| 625 | F30AG085889 | 1F30AG085889-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM   | Interactions between progranulin insufficiency and TDP-43  | COOK, ANNA K                | Awarded. Fellowships only     | 2024/06/01 | 2027/06/30 | \$85,258    | \$85,258    | \$33,086    | \$42,629  |

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|-----|-------------|-----------------|---|---|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 626 | F31GM150282 | 5F31GM150282-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Sustainable biocatalytic generation of bioactive tropolone natural products   | HERNANDEZ-MELENDZ, JOSE R      | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$81,952    | \$81,952    | \$81,561    | \$41,616  |
| 627 | T32GM089626 | 5T32GM089626-15 | STANFORD UNIVERSITY                     | Research in Anesthesia Training Program (ReAP)  | CLARK, DAVID J                 | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$1,805,827 | \$1,805,827 | \$1,533,176 | \$397,847 |
| 628 | T32AI007517 | 5T32AI007517-24 | YALE UNIVERSITY                         | Training in Investigative Infectious Diseases   | SHAW, ALBERT C                 | Awarded. Non-fellowships only | 2021/08/01 | 2026/06/30 | \$1,254,086 | \$1,254,086 | \$1,163,304 | \$309,474 |
| 629 | T32GM007471 | 5T32GM007471-47 | JOHNS HOPKINS UNIVERSITY                | Medical Genetics Training Grant   | WANG, TAO                      | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$1,369,106 | \$1,369,106 | \$1,022,683 | \$483,000 |
| 630 | T32DK070555 | 5T32DK070555-15 | UNIVERSITY OF WASHINGTON                | Gastrointestinal Surgery Outcomes Research Fellowship   | FLUM, DAVID R                  | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$1,602,475 | \$1,602,475 | \$1,537,533 | \$335,068 |
| 631 | T32HL069769 | 5T32HL069769-20 | EMORY UNIVERSITY                        | Training Grant in Transfusion Medicine  | ROBACK, JOHN D                 | Awarded. Non-fellowships only | 2004/04/01 | 2026/03/31 | \$670,377   | \$670,377   | \$573,732   | \$78,837  |
| 632 | F31CA271571 | 5F31CA271571-02 | YALE UNIVERSITY                         | Elucidation of the molecular mechanisms of the RBM15-MKL1 fusion protein in acute megakaryoblastic leukemia   | MAYDAY, MADELINE YOUNG         | Awarded. Fellowships only     | 2023/09/01 | 2027/01/31 | \$101,668   | \$101,668   | \$62,443    | \$51,474  |
| 633 | T32GM121290 | 5T32GM121290-08 | UNIVERSITY OF WASHINGTON                | Surgery Research Training Program   | O'KEEFE, GRANT E               | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$803,396   | \$803,396   | \$656,337   | \$314,230 |
| 634 | F31AR079897 | 5F31AR079897-03 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Developing a Novel Vascularized Bone Microdevice for Investigating the Post-Stroke Bone Microenvironment  | STANGELAND-MOLO, SANDRA JEANNE | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$117,101   | \$117,101   | \$108,369   | \$40,251  |
| 635 | F32NS117792 | 5F32NS117792-03 | RUTGERS BIOMEDICAL AND HEALTH SCIENCES  | Role of adenosinergic inhibition of serotonin neurons in seizure induced respiratory arrest   | PURNELL, BENTON SCOTT          | Awarded. Fellowships only     | 2022/05/23 | 2025/05/22 | \$211,830   | \$200,454   | \$196,944   | \$76,756  |
| 636 | F31AG085963 | 1F31AG085963-01 | BRANDEIS UNIVERSITY                     | Dopaminergic mechanisms of reward memory in aging   | CIAMPA, CLAIRE                 | Awarded. Fellowships only     | 2024/07/16 | 2027/07/15 | \$35,703    | \$35,703    | \$23,570    | \$35,703  |
| 637 | T32AI007349 | 5T32AI007349-33 | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Training in Immunology and Microbiology   | STERN, LAWRENCE J              | Awarded. Non-fellowships only | 1989/09/30 | 2025/06/30 | \$962,662   | \$962,662   | \$872,581   | \$194,101 |
| 638 | F30AA029936 | 5F30AA029936-03 | UNIVERSITY OF SOUTHERN CALIFORNIA       | Acute Prenatal Alcohol Exposure Potentiates Conotruncal Defects in the Setting of a Permissive Genetic Background   | HARVEY, DRAYTON C              | Awarded. Fellowships only     | 2022/05/18 | 2027/05/17 | \$158,421   | \$158,421   | \$90,429    | \$53,974  |
| 639 | F30HD111309 | 5F30HD111309-02 | WEILL MEDICAL COLL OF CORNELL UNIV      | The contributions of excitation and contraction to muscle deterioration in a Drosophila model of CFL2 nemaline myopathy   | CHRISTOPHERS, BRIANA           | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$103,452   | \$103,452   | \$86,051    | \$52,366  |
| 640 | F31MH131347 | 5F31MH131347-02 | UNIVERSITY OF SOUTHERN CALIFORNIA       | Independent and interactive effects of genetic risk for depression and family income-to-needs on emotional brain development and behavior                                   | CAMPBELL, CLAIRE EDWARDS       | Awarded. Fellowships only     | 2023/05/16 | 2025/05/15 | \$96,668    | \$96,668    | \$48,430    | \$48,974  |
| 641 | F31HG013052 | 5F31HG013052-02 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Developing an ultra-high throughput droplet microfluidic workflow for genetic circuit characterization  | THAKUR, ROHAN                  | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$96,668    | \$96,668    | \$87,448    | \$48,974  |
| 642 | F31DA060032 | 1F31DA060032-01 | NEW YORK UNIVERSITY                     | Understanding inequities in harm reduction services provided to persons with opioid use disorder in hospital settings: Harnessing the power of natural language processing. | ISRAEL, KHADIJA                | Awarded. Fellowships only     | 2024/09/18 | 2026/09/17 | \$39,866    | \$39,866    | \$26,926    | \$39,866  |
| 643 | T32HG000046 | 5T32HG000046-25 | UNIVERSITY OF PENNSYLVANIA              | Training Program in Computational Genomics  | KIM, JUNHYONG                  | Awarded. Non-fellowships only | 1999/07/16 | 2025/10/31 | \$1,915,136 | \$1,915,136 | \$1,886,266 | \$260,128 |
| 644 | T32ES032920 | 5T32ES032920-03 | WEST VIRGINIA UNIVERSITY                | Pre-doctoral Training in Systems Toxicology   | NURKIEWICZ, TIMOTHY R          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$642,785   | \$642,785   | \$506,099   | \$323,196 |
| 645 | F32DA054767 | 5F32DA054767-03 | JOHNS HOPKINS UNIVERSITY                | Mesostriatal dopamine in Pavlovian reward rate learning   | GARR, ERIC                     | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$232,938   | \$232,938   | \$225,954   | \$84,364  |

|     |             |                   |  |   |                              |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|--|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 646 | F31DA060039 | 1F31DA060039-01   | PONCE SCHOOL OF MEDICINE                 | Influence of fear conditioning prior to cocaine self-administration on cocaine seeking in adult rats: assessing the role of the frontostriatal circuits in trauma and cocaine use co-occurrence | PEREZ, YOBET A               | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$39,552    | \$39,552    | \$31,429    | \$39,552  |
| 647 | T32DA057920 | 5T32DA057920-02   | UNIVERSITY OF WASHINGTON                 | Training in Equity and Structural Solutions in Addictions (TESSA)   | WILLIAMS, EMILY CATERINA     | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$951,349   | \$951,349   | \$389,729   | \$406,734 |
| 648 | F32EY035941 | 1F32EY035941-01   | YALE UNIVERSITY                          | The Role of Hippocampal Differentiation in Visual Object-based and Feature-based Attention  | RACCAH, OMRI                 | Awarded. Fellowships only     | 2024/07/15 | 2027/07/14 | \$73,408    | \$73,408    | \$54,938    | \$73,408  |
| 649 | F31HL172677 | 1F31HL172677-01   | EMORY UNIVERSITY                         | Cardiometabolic Health and Epigenetic Aging Across the Life Course Among Hispanic/Latino Immigrant Groups in the United States  | AQUA, JASMINE KO             | Awarded. Fellowships only     | 2024/06/15 | 2026/06/14 | \$51,974    | \$51,974    | \$36,644    | \$51,974  |
| 650 | F30AG086001 | 1F30AG086001-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Role of interleukin-6 signaling on T cell potential of aged hematopoietic stem cells and thymic progenitors   | GENSHEIMER, JULIA            | Awarded. Fellowships only     | 2024/06/01 | 2026/10/31 | \$40,967    | \$40,967    | \$33,063    | \$40,967  |
| 651 | T32DA018926 | 5T32DA018926-20   | UNIVERSITY OF TEXAS AT AUSTIN            | Pre-Doctoral Training in Interdisciplinary Neuroscience   | LEE, AMY                     | Awarded. Non-fellowships only | 2004/08/01 | 2025/06/30 | \$1,477,424 | \$1,477,424 | \$1,256,517 | \$124,934 |
| 652 | F31CA288053 | 1F31CA288053-01   | OHIO STATE UNIVERSITY                    | Defining the biochemical properties and implications of NRAS mutant-specific BRAF interactions in melanoma  | LEW, RACHEL E                | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$37,594    | \$37,594    | \$24,525    | \$37,594  |
| 653 | F31AG084238 | 1F31AG084238-01A1 | UNIVERSITY OF SOUTHERN CALIFORNIA        | Triggering the Selective Removal of Deleterious mtDNA Mutations from Mammalian Cells  | SHEMTOV, SARAH JEAN          | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$48,974    | \$48,974    | \$27,463    | \$48,974  |
| 654 | F31AI181492 | 1F31AI181492-01   | UNIVERSITY OF GEORGIA                    | The impact of the mosquito gut microbiota on regulation of egg formation and malaria infection  | PHIPPS, BENJAMIN L           | Awarded. Fellowships only     | 2024/07/10 | 2026/07/09 | \$48,974    | \$48,974    | \$21,960    | \$48,974  |
| 655 | F31AG082500 | 1F31AG082500-01A1 | GEORGIA INSTITUTE OF TECHNOLOGY          | In vivo Photoacoustic Monitoring of Stem Cell Differentiation to Cancer Associated Fibroblasts  | JHUNJHUNWALA, ANAMIK         | Awarded. Fellowships only     | 2024/06/24 | 2027/06/23 | \$48,974    | \$48,974    | \$41,126    | \$48,974  |
| 656 | F30CA288047 | 1F30CA288047-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Targeting amyloid beta for myeloid reprogramming in brain metastasis  | ESKOW, NICOLE MARIE          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$53,974    | \$53,974    | \$26,287    | \$53,974  |
| 657 | F31DC019863 | 5F31DC019863-03   | BRANDEIS UNIVERSITY                      | The contribution of lateral hypothalamus to cortical palatability coding and behavior   | MAIGLER, KATHLEEN C          | Awarded. Fellowships only     | 2022/05/16 | 2025/05/15 | \$101,445   | \$101,445   | \$94,635    | \$34,982  |
| 658 | F32HD108927 | 5F32HD108927-03   | EMORY UNIVERSITY                         | Modulation of gait dynamics post-stroke   | ROSENBERG, MICHAEL CHARLES   | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$227,030   | \$227,030   | \$186,976   | \$81,306  |
| 659 | T32HL166149 | 5T32HL166149-02   | RESEARCH INST NATIONWIDE CHILDREN'S HOSP | Integrative Research Training Program in Pediatric Cardiopulmonary Disease  | GARG, VIDU                   | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$708,600   | \$708,600   | \$376,492   | \$369,366 |
| 660 | F31DK136279 | 5F31DK136279-02   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Ghrelin Modulation of CaV 2.2 Channels After Spinal Cord Injury   | GOUDSWARD, HANNAH J          | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$70,296    | \$70,296    | \$56,657    | \$35,788  |
| 661 | T32HL125195 | 5T32HL125195-10   | UNIVERSITY OF WASHINGTON                 | Palliative Care Research Training Grant   | KROSS, ERIN KATHRYN          | Awarded. Non-fellowships only | 2015/03/01 | 2026/03/31 | \$1,659,699 | \$1,659,699 | \$1,457,875 | \$266,705 |
| 662 | F30HL172628 | 1F30HL172628-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Therapeutic potential of CC-90009 for cystic fibrosis   | BULIK-SULLIVAN, EMILY CLAIRE | Awarded. Fellowships only     | 2024/09/01 | 2029/08/31 | \$40,620    | \$40,620    | \$25,422    | \$40,620  |
| 663 | T32AI007247 | 5T32AI007247-40   | JOHNS HOPKINS UNIVERSITY                 | Cellular and Molecular Mechanisms of Immune Inflammatory Reactions  | POMERANTZ, JOEL L            | Awarded. Non-fellowships only | 1982/09/01 | 2025/08/31 | \$1,222,533 | \$1,222,533 | \$1,223,564 | \$258,443 |
| 664 | T32GM086270 | 2T32GM086270-16   | UNIVERSITY OF WASHINGTON                 | Anesthesiology & Perioperative Medicine Training Grant  | PALERMO, TONYA M             | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$319,047   | \$319,047   | \$204,118   | \$319,047 |
| 665 | F31AT012315 | 5F31AT012315-02   | UNIVERSITY OF CONNECTICUT STORRS         | Examining Interoceptive Awareness as a Mechanism of Change in Yoga for Chronic Low Back Pain  | GNALL, KATHERINE E           | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$90,068    | \$90,068    | \$83,256    | \$45,674  |
| 666 | T32AI007533 | 5T32AI007533-24   | UNIVERSITY OF IOWA                       | Training in Molecular Virology, Viral Pathogenesis and Viral Vectors  | PERLMAN, STANLEY             | Awarded. Non-fellowships only | 1998/09/01 | 2026/05/31 | \$639,275   | \$639,275   | \$448,937   | \$125,259 |

|     |             |                 |  |   |                             |                               |            |            |             |             |             |             |
|-----|-------------|-----------------|--|---|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 667 | F30DK128913 | 5F30DK128913-04 | MAYO CLINIC ROCHESTER                    | Role of cytoskeletal interactions with mechanogated ion channel Piezo2 in the mechanism of mechanotransduction by enteroendocrine cells | MERCADO-PEREZ, ARNALDO      | Awarded. Fellowships only     | 2021/04/01 | 2026/08/03 | \$195,056   | \$195,056   | \$170,214   | \$53,974    |
| 668 | T35OD011151 | 5T35OD011151-20 | LOUISIANA STATE UNIV A&M COL BATON ROUGE | Biomedical Research Experience for Veterinary Students  | MARTINEZ, JUAN J            | Awarded. Non-fellowships only | 2003/05/01 | 2025/09/30 | \$315,549   | \$315,549   | \$305,228   | \$68,459    |
| 669 | T32DA045734 | 5T32DA045734-05 | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | Multidisciplinary Training in Substance Abuse Research  | ROY, SABITA                 | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,044,074 | \$1,044,074 | \$988,031   | \$128,513   |
| 670 | T32GM008716 | 5T32GM008716-25 | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | TRAINING PROGRAM FOR MEDICAL SCIENTISTS   | DEMORE, NANCY               | Awarded. Non-fellowships only | 1999/07/01 | 2025/06/30 | \$3,867,419 | \$3,867,419 | \$3,686,450 | \$803,069   |
| 671 | T32HL166114 | 5T32HL166114-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Partnerships for Research in Implementation Science for Equity in Heart and Lung diseases training program (PRISE-HL T32)               | THAKUR, NEETA               | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$951,145   | \$951,145   | \$490,463   | \$482,508   |
| 672 | T32AI138953 | 5T32AI138953-05 | JOHNS HOPKINS UNIVERSITY                 | Malaria and Mosquito-borne Diseases   | SULLIVAN, DAVID JOSEPH      | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,477,657 | \$1,477,657 | \$1,341,019 | \$316,271   |
| 673 | T32GM131945 | 5T32GM131945-05 | UT SOUTHWESTERN MEDICAL CENTER           | Mechanisms of Disease   | CARROLL, THOMAS JOSEPH      | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$982,050   | \$982,050   | \$907,127   | \$194,328   |
| 674 | T32GM152983 | 1T32GM152983-01 | UNIVERSITY OF CALIFORNIA BERKELEY        | Chemical Biology Training Program   | FRANCIS, MATTHEW B          | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$439,487   | \$439,487   | \$194,298   | \$439,487   |
| 675 | T32CA265782 | 5T32CA265782-02 | UNIVERSITY OF UTAH                       | Huntsman Cancer Institute (HCI) Cancer Genetics, Epigenetics, Models, and Signaling (Cancer GEMS) Training Program                      | AYER, DONALD E              | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$500,718   | \$500,718   | \$379,764   | \$303,786   |
| 676 | F31HD112201 | 5F31HD112201-02 | UNIVERSITY OF CALIFORNIA-IRVINE          | Characterizing a mechanism of enhancer-promoter interaction in vivo   | BOWER, GRACE CABOT          | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$88,929    | \$88,929    | \$75,300    | \$45,458    |
| 677 | T32DA043449 | 5T32DA043449-05 | FLORIDA INTERNATIONAL UNIVERSITY         | Training Program in Adolescent Substance Use Disorders and Co-Occurring Mental and Behavioral Disorders                                 | GONZALEZ, RAUL              | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,413,150 | \$1,413,150 | \$1,332,757 | \$166,228   |
| 678 | T32GM133391 | 5T32GM133391-05 | UNIVERSITY OF CALIFORNIA SANTA CRUZ      | Training Program in Molecular, Cell, and Developmental Biology  | BHALLA, NEEDHI              | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$2,089,626 | \$2,089,626 | \$2,004,943 | \$432,326   |
| 679 | T32GM131963 | 5T32GM131963-05 | UT SOUTHWESTERN MEDICAL CENTER           | Molecular Biophysics Training Program   | CHOOK, YUH MIN              | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,065,732 | \$1,065,732 | \$1,032,275 | \$241,649   |
| 680 | T32CA009621 | 2T32CA009621-36 | WASHINGTON UNIVERSITY                    | Surgical Oncology Basic Science and Translational Research Training Program   | GILLANDERS, WILLIAM E       | Awarded. Non-fellowships only | 1988/07/05 | 2029/06/30 | \$616,670   | \$616,670   | \$223,813   | \$616,670   |
| 681 | TL4GM118977 | 5TL4GM118977-10 | CALIFORNIA STATE UNIVERSITY NORTHRIDGE   | BUILD PODER II  | CHAVIRA, GABRIELA           | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$6,956,829 | \$6,956,829 | \$8,249,550 | \$1         |
| 682 | T32HL170986 | 1T32HL170986-01 | VANDERBILT UNIVERSITY MEDICAL CENTER     | Vanderbilt Interdisciplinary Hospital-Based Systems of Care Research and Training ProgrAm (VISTA)                                       | WARD, MICHAEL J             | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$216,770   | \$216,770   | \$67,016    | \$216,770   |
| 683 | T32ES007032 | 5T32ES007032-45 | UNIVERSITY OF WASHINGTON                 | Environmental Pathology/Toxicology Training Program   | FAUSTMAN, ELAINE M          | Awarded. Non-fellowships only | 1978/07/01 | 2025/06/30 | \$2,682,184 | \$2,682,184 | \$2,586,109 | \$574,183   |
| 684 | F31MH133291 | 1F31MH133291-01 | TEMPLE UNIV OF THE COMMONWEALTH          | Psychophysiological Correlates of Cognitive Bias Modification in Intermittent Explosive Disorder  | CIESINSKI, NICOLE KATHERINE | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$35,837    | \$35,837    | \$29,181    | \$35,837    |
| 685 | T32GM152349 | 1T32GM152349-01 | WEILL MEDICAL COLL OF CORNELL UNIV       | Weill Cornell/Rockefeller/Sloan Kettering MST Program   | HSU, KATHARINE C            | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$2,517,309 | \$2,517,309 | \$1,815,971 | \$2,517,309 |
| 686 | T32HL144461 | 5T32HL144461-05 | UNIVERSITY OF IOWA                       | Iowa Lung Imaging Training Program  | HOFFMAN, ERIC ALFRED        | Awarded. Non-fellowships only | 2019/08/01 | 2025/07/31 | \$1,625,741 | \$1,625,741 | \$1,316,834 | \$345,319   |
| 687 | T35OD027967 | 5T35OD027967-05 | IOWA STATE UNIVERSITY                    | Research Training for Veterinary Students   | MILLER, CATHY L             | Awarded. Non-fellowships only | 2019/09/01 | 2025/08/31 | \$309,453   | \$309,453   | \$260,007   | \$53,691    |
| 688 | T32AR064184 | 5T32AR064184-10 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Cutaneous Biology and Skin Disease Training Program   | ORLOW, SETH J               | Awarded. Non-fellowships only | 2014/05/01 | 2026/04/30 | \$1,169,441 | \$1,169,441 | \$589,657   | \$238,385   |

|     |             |                   |   |  |                        |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|---|--|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 689 | F31DK132955 | 5F31DK132955-02   | UNIVERSITY OF CONNECTICUT STORRS        | The relationship between positive and negative affect of high and low arousal and dietary temptation and lapse in daily life             | GOETZ, JARED MICHAEL   | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$94,446    | \$94,446    | \$87,440    | \$47,694  |
| 690 | F32DC020644 | 5F32DC020644-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Exploring the expressive language function of the supplementary motor area   | MALLELA, ARKA NARAYANA | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$155,666   | \$155,666   | \$127,597   | \$83,932  |
| 691 | T32AI060519 | 5T32AI060519-20   | INDIANA UNIVERSITY INDIANAPOLIS         | Immunology and Infectious Diseases Training Program  | KAPLAN, MARK H         | Awarded. Non-fellowships only | 2004/09/01 | 2025/07/31 | \$1,577,313 | \$1,577,313 | \$1,616,350 | \$393,544 |
| 692 | T32CA233399 | 5T32CA233399-05   | H. LEE MOFFITT CANCER CTR & RES INST    | Integrated Program in Cancer and Data Science  | CRESS, WILLIAM DOUGLAS | Awarded. Non-fellowships only | 2019/09/16 | 2025/08/31 | \$1,600,510 | \$1,600,510 | \$1,104,235 | \$211,392 |
| 693 | T32AI170501 | 1T32AI170501-01A1 | UNIVERSITY OF PENNSYLVANIA              | Physician Scientist Training Program in Immune Dysregulation   | KAMBAYASHI, TAKU       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$373,359   | \$373,359   | \$156,081   | \$373,359 |
| 694 | F31DK138546 | 1F31DK138546-01   | UNIVERSITY OF PENNSYLVANIA              | Investigating the role of interferon lambda in protection against severe Clostridioides difficile infection                              | MEARS, KEVIN STANTON   | Awarded. Fellowships only     | 2024/05/15 | 2027/05/14 | \$48,974    | \$48,974    | \$47,951    | \$48,974  |
| 695 | F32AG081038 | 5F32AG081038-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating the role of the exercise blood factor Gp1d1 in restoring brain vasculature function and cognition in aging                 | BIERI, GREGOR          | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$150,684   | \$150,684   | \$134,023   | \$78,892  |
| 696 | F31DE032900 | 5F31DE032900-02   | JOHNS HOPKINS UNIVERSITY                | Characterization and Optimization of a Nanofiber-Hydrogel Composite for Tissue Remodeling  | STELZEL, JESSICA       | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$98,268    | \$98,268    | \$70,462    | \$49,774  |
| 697 | F30CA254120 | 5F30CA254120-04   | WEILL MEDICAL COLL OF CORNELL UNIV      | Investigation of heterogeneity in cancer cell proliferation.   | TORBORG, STEFAN ROSS   | Awarded. Fellowships only     | 2020/07/01 | 2025/06/30 | \$234,642   | \$234,642   | \$225,213   | \$52,694  |
| 698 | T32GM062754 | 5T32GM062754-23   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Integrated Training in Pharmacological Sciences  | SCHLESSINGER, AVNER    | Awarded. Non-fellowships only | 2001/07/05 | 2025/06/30 | \$2,086,761 | \$2,086,761 | \$2,078,510 | \$273,081 |
| 699 | T32HL098048 | 2T32HL098048-16   | HARVARD SCHOOL OF PUBLIC HEALTH         | CVD Epidemiology Training Program in Behavior, the Environment and Global Health   | RIMM, ERIC B           | Awarded. Non-fellowships only | 2009/09/01 | 2029/08/31 | \$640,968   | \$640,968   | \$375,303   | \$640,968 |
| 700 | F31DK136200 | 1F31DK136200-01A1 | UNIVERSITY OF PENNSYLVANIA              | Investigating the role of Ldb1 in chromatin architecture and transcription during erythroid cell state transitions                       | ABOREDEN, NICHOLAS     | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$30,828    | \$48,974  |
| 701 | F31MH133444 | 5F31MH133444-02   | JOHNS HOPKINS UNIVERSITY                | HIV Treatment Strategies for Female Sex Workers Living with HIV in South Africa: Engagement Trajectories and Implementation Determinants | COMINS, CARLY          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$102,168   | \$102,168   | \$88,797    | \$51,974  |
| 702 | T32MH019113 | 5T32MH019113-30   | UNIVERSITY OF IOWA                      | The Iowa Neuroscience Specialty Program in Research Education (INSPIRE)  | STEVENS, HANNA E       | Awarded. Non-fellowships only | 1991/09/01 | 2028/05/31 | \$923,900   | \$923,900   | \$503,048   | \$366,960 |
| 703 | TL4GM118968 | 5TL4GM118968-10   | XAVIER UNIVERSITY OF LOUISIANA          | BUILD at Xavier, Project Pathways II   | FOROOZESH, MARYAM      | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$4,017,867 | \$4,017,867 | \$4,835,827 | \$285,154 |
| 704 | T32HL076124 | 5T32HL076124-17   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Cardiovascular Bioengineering Training Program   | SHROFF, SANJEEV G      | Awarded. Non-fellowships only | 2005/08/01 | 2028/07/31 | \$882,923   | \$882,923   | \$524,454   | \$448,991 |
| 705 | T32GM146611 | 1T32GM146611-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Training Program in Cell, Molecular, and Developmental Biology   | BELLIS, SUSAN L        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$462,259   | \$462,259   | \$304,290   | \$462,259 |
| 706 | T34GM008228 | 5T34GM008228-36   | CALIFORNIA STATE UNIVERSITY LOS ANGELES | Cal State LA MARC U STAR   | TUNSTAD, LINDA M       | Awarded. Non-fellowships only | 1998/06/01 | 2025/05/31 | \$2,876,497 | \$2,876,497 | \$2,207,244 | \$584,714 |
| 707 | T32DC015994 | 5T32DC015994-07   | UNIVERSITY OF FLORIDA                   | Training Program in Chemosensory Science   | WESSON, DANIEL W       | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$429,542   | \$429,542   | \$246,660   | \$218,536 |
| 708 | T32DC007361 | 5T32DC007361-17   | SAN DIEGO STATE UNIVERSITY              | Neurocognitive Approaches to Communication Disorders   | LOVE-GEFFEN, TRACY     | Awarded. Non-fellowships only | 2005/07/01 | 2028/06/30 | \$464,528   | \$464,528   | \$375,569   | \$236,970 |
| 709 | T34GM008078 | 5T34GM008078-33   | BROOKLYN COLLEGE                        | Biomedical Research Training for Minority Honors Students  | HAINLINE, LOUISE       | Awarded. Non-fellowships only | 1984/07/01 | 2025/05/31 | \$1,912,973 | \$1,912,973 | \$1,633,756 | \$371,776 |
| 710 | T32MH126426 | 5T32MH126426-04   | BROWN UNIVERSITY                        | Postdoctoral Training in Suicide Research  | WEINSTOCK, LAUREN M    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,140,928 | \$1,140,928 | \$895,219   | \$248,319 |

|     |             |                   |  |  |                              |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|--|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 711 | F30DK134050 | 5F30DK134050-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES   | Regulation of hepatic lipid metabolism by novel protein BASIC  | UCHIYAMA, LAUREN F           | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$131,504   | \$131,504   | \$123,660   | \$53,974  |
| 712 | T32AI060555 | 5T32AI060555-19   | UNIVERSITY OF CALIFORNIA AT DAVIS      | Animal Models of Infectious Diseases Training Program  | MCSORLEY, STEPHEN J          | Awarded. Non-fellowships only | 2004/09/01 | 2026/07/31 | \$711,826   | \$711,826   | \$529,807   | \$182,019 |
| 713 | F30AG072786 | 5F30AG072786-04   | UNIV OF NORTH CAROLINA CHAPEL HILL     | A novel mouse model of TDP-43 Proteinopathy in FTLD-ALS: Elucidating the role of TDP-43 acetylation in neurodegeneration and proteostasis impairment | NECARSLUMER, JULIE CHRISTINE | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$159,281   | \$159,281   | \$152,542   | \$42,430  |
| 714 | T32GM139795 | 5T32GM139795-04   | UNIVERSITY OF CALIFORNIA, SAN DIEGO    | Molecular Biophysics Training Grant at UC San Diego  | KOMIVES, ELIZABETH A         | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,911,842 | \$1,911,842 | \$1,687,971 | \$564,635 |
| 715 | T32CA217789 | 2T32CA217789-06A1 | UNIVERSITY OF TX MD ANDERSON CAN CTR   | Translational Genomics and Precision Medicine in Cancer Training Program   | KILLARY, ANN M               | Awarded. Non-fellowships only | 2018/04/01 | 2029/08/31 | \$421,294   | \$421,294   | \$49,884    | \$421,294 |
| 716 | T32GM149439 | 5T32GM149439-02   | NORTHWESTERN UNIVERSITY                | Chemistry of Life Processes Predoctoral Training Program   | KELLEHER, NEIL L             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$755,926   | \$755,926   | \$555,417   | \$384,551 |
| 717 | T32GM008315 | 5T32GM008315-34   | UNIVERSITY OF COLORADO DENVER          | Mechanisms of Trauma-Induced Coagulopathy  | COHEN, MITCHELL              | Awarded. Non-fellowships only | 1991/07/01 | 2026/06/30 | \$1,382,178 | \$1,382,178 | \$1,103,141 | \$370,870 |
| 718 | T32AA007462 | 5T32AA007462-39   | INDIANA UNIVERSITY INDIANAPOLIS        | Training Grant on Genetic Aspects of Alcoholism  | CZACHOWSKI, CRISTINE L       | Awarded. Non-fellowships only | 1985/09/27 | 2026/05/31 | \$2,045,581 | \$2,045,581 | \$1,480,109 | \$427,497 |
| 719 | T34GM154119 | 1T34GM154119-01   | GEORGIA STATE UNIVERSITY               | MARC at Georgia State University   | FRANTZ, KYLE J               | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$316,572   | \$316,572   | \$177,962   | \$316,572 |
| 720 | F31AA031178 | 5F31AA031178-02   | UNIVERSITY OF ILLINOIS AT CHICAGO      | Role of afferents to the rostromedial tegmental nucleus in symptoms of withdrawal from chronic ethanol exposure                                      | YANG, HYERIM                 | Awarded. Fellowships only     | 2023/06/16 | 2025/06/15 | \$90,664    | \$90,664    | \$88,162    | \$45,972  |
| 721 | F31AG079597 | 5F31AG079597-02   | EMORY UNIVERSITY                       | Astrocyte-specific in vivo molecular signatures of APOE genetic risk in Alzheimers disease   | RAMELOW, CHRISTINA CATHERINE | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$96,668    | \$96,668    | \$91,734    | \$48,974  |
| 722 | F31AG079612 | 5F31AG079612-02   | BROWN UNIVERSITY                       | The Neuronal Effect of CHI3L1 in Neuroinflammation & Alzheimers Disease  | CONNOLLY, KEVIN C            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$79,256    | \$48,974  |
| 723 | T32AG000114 | 5T32AG000114-40   | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Career Training in the Biology of Aging  | PLETCHER, SCOTT              | Awarded. Non-fellowships only | 1985/09/01 | 2026/04/30 | \$2,547,291 | \$2,547,291 | \$2,403,760 | \$535,930 |
| 724 | T32DK063688 | 2T32DK063688-21   | CHILDREN'S HOSP OF PHILADELPHIA        | Translational Research Training in Pediatric Diabetes & Endocrinology  | KATZ, LORRAINE E LEVITT      | Awarded. Non-fellowships only | 2002/09/30 | 2029/06/30 | \$240,932   | \$240,932   | \$308,480   | \$240,932 |
| 725 | T32GM153586 | 1T32GM153586-01   | UNIVERSITY OF CALIFORNIA AT DAVIS      | The UC Davis enhanced Molecular, Cellular, and Developmental Biology Training Program  | CHEDIN, FREDERIC LOUIS       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$764,607   | \$764,607   | \$567,307   | \$764,607 |
| 726 | F31DC021353 | 5F31DC021353-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Investigating the effects of olfactory critical period odorant exposure on the trace amine-associated receptor4 olfactory circuit                    | GREGORY, JORDAN DURAN        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$88,467    | \$48,974  |
| 727 | F31DK132954 | 5F31DK132954-03   | UNIVERSITY OF CALIFORNIA AT DAVIS      | Mechanisms of Somatostatin-Mediated Inhibition of Insulin and Glucagon   | HART, RYAN                   | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$120,650   | \$120,650   | \$113,594   | \$41,384  |
| 728 | T35OD033655 | 5T35OD033655-03   | TUFTS UNIVERSITY BOSTON                | Cross-Disciplinary Research Training for Veterinary Students   | LONDON, CHERYL A             | Awarded. Non-fellowships only | 2022/07/15 | 2027/06/30 | \$254,491   | \$254,491   | \$216,159   | \$88,504  |
| 729 | T34GM141639 | 5T34GM141639-04   | WASHINGTON UNIVERSITY                  | MARC U-STAR PROGRAM AT WASHINGTON UNIVERSITY IN ST. LOUIS  | SKEATH, JAMES BENJAMIN       | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,798,388 | \$1,798,388 | \$1,586,526 | \$430,972 |
| 730 | T32DA035167 | 2T32DA035167-11   | UNIVERSITY OF FLORIDA                  | Substance Abuse Training Center in Public Health   | COTTLER, LINDA B             | Awarded. Non-fellowships only | 2014/07/01 | 2029/06/30 | \$466,043   | \$466,043   | \$307,838   | \$466,043 |
| 731 | T32NR020778 | 5T32NR020778-02   | EMORY UNIVERSITY                       | Research Training in Womens Health and Intersectionality Using Data Science and Health Information Technology (WISDOM)                               | BRUNER, DEBORAH WATKINS      | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$574,750   | \$574,750   | \$274,715   | \$389,593 |
| 732 | F30DA057047 | 5F30DA057047-03   | VIRGINIA COMMONWEALTH UNIVERSITY       | The Abuse Liability of a Novel Heated Tobacco Product (IQOS) and Its Feasibility as a Menthol Cigarette Substitute.                                  | WHITE, AUGUSTUS MICHAEL      | Awarded. Fellowships only     | 2022/07/28 | 2027/07/27 | \$142,064   | \$142,064   | \$121,690   | \$48,522  |



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| 733 | T32DK007052 | 5T32DK007052-49 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | T32 Research Training in Diabetes and Endocrinology  | O'DOHERTY, ROBERT M    | Awarded. Non-fellowships only | 1975/07/01 | 2027/06/30 | \$850,158   | \$850,158   | \$803,352   | \$271,290 |
| 734 | F30HL158109 | 5F30HL158109-04 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Protective lung memory B cell functions and dynamics during respiratory infection  | ETESAMI, NEELOU        | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$209,456   | \$209,456   | \$204,422   | \$53,974  |
| 735 | T35DK007400 | 5T35DK007400-43 | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Wake Forest Short-term Research Training Program   | MCCLAIN, DONALD A      | Awarded. Non-fellowships only | 1980/05/01 | 2027/06/30 | \$188,889   | \$188,889   | \$128,331   | \$60,812  |
| 736 | T32GM141840 | 5T32GM141840-04 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Training Program in Translational Research   | LIEBERMAN, ANDREW P    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,252,731 | \$1,252,731 | \$1,184,044 | \$329,616 |
| 737 | F32NS131193 | 5F32NS131193-02 | STANFORD UNIVERSITY                      | Microglia-Mediated Astrocyte Activation in the Acute-to-Chronic Pain Transition  | NIPPERT, AMY           | Awarded. Fellowships only     | 2023/09/01 | 2026/05/31 | \$143,364   | \$143,364   | \$111,910   | \$74,284  |
| 738 | T32GM142606 | 5T32GM142606-04 | TEMPLE UNIV OF THE COMMONWEALTH          | Molecular Biology and Genetics: Signaling, Epigenetics and Genome Maintenance  | GRANA, XAVIER          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$885,019   | \$885,019   | \$792,132   | \$266,352 |
| 739 | T32AI074490 | 5T32AI074490-17 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Interdisciplinary Training in Transplantation Biology  | THOMSON, ANGUS W       | Awarded. Non-fellowships only | 2007/09/01 | 2028/08/31 | \$423,060   | \$423,060   | \$409,017   | \$186,315 |
| 740 | T32ES010957 | 5T32ES010957-23 | UNIVERSITY OF CINCINNATI                 | Molecular Epidemiology in Childrens Environmental Health Training Program (MECEH)  | BRUNST, KELLY J        | Awarded. Non-fellowships only | 2001/08/15 | 2027/06/30 | \$1,774,317 | \$1,774,317 | \$672,597   | \$429,756 |
| 741 | F30GM145149 | 5F30GM145149-03 | DARTMOUTH COLLEGE                        | Regulation and Function of PP2A-B56delta   | SMOLEN, KALI           | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$158,420   | \$158,420   | \$148,069   | \$53,974  |
| 742 | T34GM145442 | 5T34GM145442-02 | OHIO STATE UNIVERSITY                    | MARC at The Ohio State University  | FERKETICH, AMY K       | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$408,096   | \$408,096   | \$244,932   | \$272,064 |
| 743 | T32AI007512 | 5T32AI007512-38 | BOSTON CHILDREN'S HOSPITAL               | Molecular Basis of Allergic and Immunologic Disease  | OETTGEN, HANS C        | Awarded. Non-fellowships only | 1986/08/01 | 2027/06/30 | \$2,143,031 | \$2,143,031 | \$1,857,630 | \$694,555 |
| 744 | T32EY007145 | 5T32EY007145-25 | SCHEPENS EYE RESEARCH INSTITUTE          | Training Program in the Molecular Bases of Eye Disease   | D'AMORE, PATRICIA ANN  | Awarded. Non-fellowships only | 1997/02/01 | 2028/06/30 | \$420,595   | \$420,595   | \$318,696   | \$186,846 |
| 745 | T32DC009401 | 2T32DC009401-16 | UNIVERSITY OF WISCONSIN-MADISON          | University of Wisconsin Voice Research Training Program  | THIBEAULT, SUSAN LYNN  | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$526,692   | \$526,692   | \$374,185   | \$526,692 |
| 746 | T32HG002536 | 5T32HG002536-23 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Training Grant in Genomic Analysis and Interpretation  | ARBOLEDA, VALERIE A    | Awarded. Non-fellowships only | 2002/07/01 | 2027/06/30 | \$1,322,026 | \$1,322,026 | \$1,299,209 | \$411,334 |
| 747 | F31DC020639 | 5F31DC020639-03 | UNIVERSITY OF KENTUCKY                   | Mechanisms of Tip Link Tensioning in Mammalian Auditory Hair Cells   | DRAGICH, ABIGAIL       | Awarded. Fellowships only     | 2022/07/31 | 2026/07/30 | \$125,612   | \$125,612   | \$104,375   | \$43,038  |
| 748 | T32ES007142 | 5T32ES007142-42 | HARVARD SCHOOL OF PUBLIC HEALTH          | Graduate Training in Biostatistics   | COULL, BRENT ANDREW    | Awarded. Non-fellowships only | 1983/07/01 | 2028/06/30 | \$1,059,438 | \$1,059,438 | \$1,007,468 | \$531,906 |
| 749 | F30AG081093 | 5F30AG081093-02 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Investigating Cellular Senescence at the Single Cell Level   | COHN, RACHEL           | Awarded. Fellowships only     | 2023/06/15 | 2026/06/14 | \$97,190    | \$97,190    | \$89,441    | \$53,974  |
| 750 | F31AG079622 | 5F31AG079622-02 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Multispectral Imaging of Neurons and Astrocytes: Revealing Spatiotemporal Organelle Phenotypes in Health and Neurodegeneration | RHOADS, SHANNON        | Awarded. Fellowships only     | 2023/06/15 | 2026/06/14 | \$119,974   | \$119,974   | \$72,201    | \$40,418  |
| 751 | T32AI106700 | 5T32AI106700-09 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL    | Training in the Design and Development of Infectious Disease Therapeutics  | LEE, RICHARD E         | Awarded. Non-fellowships only | 2015/07/08 | 2026/06/30 | \$1,083,468 | \$1,083,468 | \$645,790   | \$226,658 |
| 752 | F31AT011471 | 5F31AT011471-03 | CUNY GRADUATE SCH AND UNIV CTR           | Ethnopharmacology of plants used by Haitians in New York City forwomen's health  | VARDEMAN, ELLA         | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$130,949   | \$130,949   | \$88,229    | \$44,817  |
| 753 | T32NS007421 | 2T32NS007421-26 | UNIVERSITY OF IOWA                       | Neuroscience Training Program  | TRANEL, DANIEL T       | Awarded. Non-fellowships only | 1999/07/09 | 2029/06/30 | \$301,147   | \$301,147   | \$295,877   | \$301,147 |
| 754 | T32TR004928 | 1T32TR004928-01 | JOHNS HOPKINS UNIVERSITY                 | CTSA Predoctoral T32 at Johns Hopkins  | ATKINSON, MEREDITH ANN | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$557,093   | \$557,093   | \$426,619   | \$557,093 |
| 755 | T32TR004918 | 1T32TR004918-01 | UNIV OF ARKANSAS FOR MED SCIS            | CTSA Postdoctoral T32 at University of Arkansas for Medical Sciences   | IMIG, JOHN D           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$190,595   | \$190,595   | \$129,190   | \$190,595 |
| 756 | T32GM139772 | 5T32GM139772-03 | TUFTS UNIVERSITY BOSTON                  | Molecular Genetics of Basic Cell Function  | CAMILLI, ANDREW        | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$800,134   | \$800,134   | \$684,774   | \$274,680 |

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|-----|-------------|-------------------|--|---|-----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 757 | T32EY023211 | 2T32EY023211-11   | OREGON HEALTH & SCIENCE UNIVERSITY       | Translational Vision Science Research at Oregon Health & Science University   | KELLER, KATE E                    | Awarded. Non-fellowships only | 2013/07/01 | 2029/06/30 | \$163,817   | \$163,817   | \$95,359    | \$163,817   |
| 758 | T32AT007533 | 2T32AT007533-11   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Research Training in Natural Product Complementary and Integrative Health   | PAULI, GUIDO F                    | Awarded. Non-fellowships only | 2013/01/01 | 2029/07/31 | \$253,764   | \$253,764   | \$155,713   | \$253,764   |
| 759 | F32MH130086 | 5F32MH130086-03   | CALIFORNIA INSTITUTE OF TECHNOLOGY       | Dissecting the features and neural mechanisms supporting naturalistic social inference  | ROUHANI, NINA                     | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$218,266   | \$190,561   | \$185,417   | \$78,892    |
| 760 | T32GM145304 | 5T32GM145304-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Cellular Biotechnology Training Program (CBTP) - Years 31-35  | SCHWENDEMAN, ANNA                 | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,600,256 | \$1,600,256 | \$1,477,627 | \$549,359   |
| 761 | F31AR082678 | 5F31AR082678-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Muscle-Specific CRISPR/Cas9 Exon Skipping for Duchenne Muscular Dystrophy Therapeutics  | KRAUS, CAROLYN                    | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$66,236    | \$66,236    | \$54,245    | \$33,758    |
| 762 | T32ES018827 | 5T32ES018827-14   | UNIVERSITY OF CALIFORNIA RIVERSIDE       | Research Training in Environmental Toxicology   | WANG, YINSHENG                    | Awarded. Non-fellowships only | 2010/07/01 | 2026/06/30 | \$1,760,962 | \$1,760,962 | \$1,535,180 | \$477,881   |
| 763 | F30AA030900 | 5F30AA030900-02   | UNIVERSITY OF MINNESOTA                  | The role of stress, social support, and brain function on alcohol misuse in women   | MAXWELL, ANDREA                   | Awarded. Fellowships only     | 2023/05/29 | 2027/05/28 | \$97,127    | \$97,127    | \$87,036    | \$54,900    |
| 764 | T32NS077888 | 2T32NS077888-11   | CASE WESTERN RESERVE UNIVERSITY          | Training in Neurodegenerative Diseases  | ZHU, XIONGWEI                     | Awarded. Non-fellowships only | 2013/07/01 | 2029/06/30 | \$167,887   | \$168,967   | \$114,422   | \$167,887   |
| 765 | T32GM149818 | 5T32GM149818-02   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Redox Biology and Medicine Training Program   | POOLE, LESLIE B                   | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$431,958   | \$431,958   | \$359,905   | \$219,744   |
| 766 | T32GM138077 | 5T32GM138077-05   | UNIVERSITY OF KANSAS MEDICAL CENTER      | Kansas Medical Scientist Training Program   | FIELDS, TIMOTHY A                 | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$976,108   | \$976,108   | \$908,540   | \$194,286   |
| 767 | T32DK007352 | 2T32DK007352-46   | MAYO CLINIC ROCHESTER                    | Diabetes and Metabolism   | JENSEN, MICHAEL D                 | Awarded. Non-fellowships only | 1979/07/19 | 2029/06/30 | \$463,013   | \$463,013   | \$346,764   | \$463,013   |
| 768 | F30CA268848 | 5F30CA268848-03   | STANFORD UNIVERSITY                      | Hijacking cancer driver to activate cell death by chemically induced proximity  | KIM, SAMUEL H                     | Awarded. Fellowships only     | 2022/06/21 | 2025/06/20 | \$123,842   | \$123,842   | \$113,957   | \$44,448    |
| 769 | T32GM148377 | 5T32GM148377-02   | UNIVERSITY OF PENNSYLVANIA               | Medical Scientist Training Program  | BRASS, LAWRENCE F                 | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$6,135,451 | \$6,135,451 | \$5,240,604 | \$3,116,668 |
| 770 | T32GM142616 | 5T32GM142616-04   | GEORGIA INSTITUTE OF TECHNOLOGY          | Integrative and Quantitative Biosciences Accelerated Training Environment   | QIU, PENG                         | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,112,812 | \$1,112,812 | \$964,435   | \$312,726   |
| 771 | T32AT000051 | 2T32AT000051-26   | BETH ISRAEL DEACONESS MEDICAL CENTER     | Research Training in Complementary and Integrative Medicine   | YEH, GLORIA Y                     | Awarded. Non-fellowships only | 1999/09/30 | 2029/07/31 | \$416,688   | \$416,688   | \$26,905    | \$416,688   |
| 772 | F31HL160451 | 5F31HL160451-03   | UNIVERSITY OF PENNSYLVANIA               | Neuronal and homeostatic regulation of sleep and wake by corticotropin-releasing hormone neurons in the paraventricular nucleus of the hypothalamus | WIEST, ALYSSA N                   | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$118,298   | \$118,298   | \$113,691   | \$36,413    |
| 773 | T32AI055449 | 5T32AI055449-19   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Molecular Basis of Infectious Diseases Training Grant   | LORENZ, MICHAEL C                 | Awarded. Non-fellowships only | 2005/09/15 | 2026/07/31 | \$768,746   | \$768,746   | \$574,937   | \$196,895   |
| 774 | F30CA260791 | 5F30CA260791-04   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Regulation of primary metastasis in high grade serous ovarian cancer  | BERGSTEN, TOVA                    | Awarded. Fellowships only     | 2021/05/16 | 2025/05/15 | \$209,456   | \$209,456   | \$206,983   | \$53,974    |
| 775 | T32GM149391 | 1T32GM149391-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Michigan Predoctoral Training in Genetics   | MORAN, JOHN V                     | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$659,231   | \$659,231   | \$614,845   | \$659,231   |
| 776 | T32GM153602 | 1T32GM153602-01   | UNIVERSITY OF PENNSYLVANIA               | Training Program in Cell and Molecular Biology  | BARTOLOMEI, MARISA S              | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$439,722   | \$549,359   |
| 777 | T32CA190194 | 2T32CA190194-11   | WASHINGTON UNIVERSITY                    | Postdoctoral Training in Cancer Prevention and Control  | JAMES, AIMEE S                    | Awarded. Non-fellowships only | 2014/09/24 | 2029/08/30 | \$477,212   | \$477,212   | \$209,945   | \$477,212   |
| 778 | T32HL007910 | 5T32HL007910-25   | INDIANA UNIVERSITY INDIANAPOLIS          | Basic Sciences Studies on Gene Therapy of Blood Diseases  | HERZOG, ROLAND W                  | Awarded. Non-fellowships only | 1999/07/01 | 2026/06/30 | \$1,016,909 | \$1,016,909 | \$1,199,359 | \$176,297   |
| 779 | T34GM136466 | 5T34GM136466-05   | UNIVERSITY OF CALIFORNIA SANTA BARBARA   | MARC at the University of California Santa Barbara  | ROTHMAN, JOEL H                   | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$1,652,253 | \$1,652,253 | \$1,498,260 | \$348,480   |
| 780 | T34GM136452 | 5T34GM136452-05   | LOUISIANA STATE UNIV A&M COL BATON ROUGE | Maximizing Access to Research Careers at Louisiana State University   | VICENTE, MARIA DA GRACA HENRIQUES | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$1,556,200 | \$1,556,200 | \$1,372,514 | \$340,356   |



|     |             |                 |  |   |                            |                               |            |            |             |             |             |             |
|-----|-------------|-----------------|--|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 781 | F31HL165849 | 5F31HL165849-02 | UNIVERSITY OF SOUTH FLORIDA              | Development of a novel site-and cell-selective mRNA therapeutic to treat atherosclerosis  | HETHERINGTON, ISABELLA     | Awarded. Fellowships only     | 2023/05/15 | 2026/05/14 | \$77,092    | \$77,092    | \$60,221    | \$39,186    |
| 782 | T32AA007455 | 2T32AA007455-41 | UNIVERSITY OF WASHINGTON                 | Psychology Training in Alcohol Research (PTAR)  | LARIMER, MARY E            | Awarded. Non-fellowships only | 1984/07/01 | 2029/06/30 | \$589,534   | \$589,534   | \$516,768   | \$589,534   |
| 783 | T32AG066598 | 5T32AG066598-05 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Research Training for the Care of Vulnerable Older Adults with Alzheimer's Disease and Related Dementias and Other Chronic Conditions | FEDERMAN, ALEX D           | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,528,671 | \$1,528,671 | \$1,147,838 | \$208,890   |
| 784 | T32NS126115 | 5T32NS126115-03 | METHODIST HOSPITAL RESEARCH INSTITUTE    | Training in Neural Control of organ Degeneration and Regeneration (NeuralCODR)  | HORNER, PHILIP J           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$761,352   | \$761,352   | \$314,922   | \$204,214   |
| 785 | T32EY013934 | 5T32EY013934-22 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Vision Research Training Program  | FORT, PATRICE E            | Awarded. Non-fellowships only | 2002/09/30 | 2028/06/30 | \$343,398   | \$343,398   | \$279,032   | \$172,632   |
| 786 | F30CA281056 | 5F30CA281056-02 | UNIVERSITY OF ARIZONA                    | Immunoediting in Cutaneous Squamous Cell Carcinoma  | BORDEN, ELIZABETH          | Awarded. Fellowships only     | 2023/07/01 | 2027/08/31 | \$85,974    | \$85,974    | \$71,815    | \$43,877    |
| 787 | F30AI179148 | 5F30AI179148-02 | WEILL MEDICAL COLL OF CORNELL UNIV       | Lymph node stromal cells coordinate immune cell environments during Aspergillus fumigatus infection                                   | MAI, CHERYL                | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$106,508   | \$106,508   | \$98,903    | \$53,894    |
| 788 | F32GM149114 | 5F32GM149114-02 | PENNSYLVANIA STATE UNIVERSITY, THE       | Molecular motor dynamics underlying bidirectional cargo transport in cells  | NOELL, CRYSTAL RENE A      | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$143,364   | \$143,364   | \$117,681   | \$74,284    |
| 789 | T32HL007150 | 5T32HL007150-48 | CHILDREN'S HOSP OF PHILADELPHIA          | Pediatric Hematology Research Training Program  | PONCZ, MORTIMER            | Awarded. Non-fellowships only | 1976/07/01 | 2027/06/30 | \$1,486,235 | \$1,486,235 | \$1,446,382 | \$542,971   |
| 790 | F30CA278494 | 5F30CA278494-02 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Alternate splicing as a source of shared neoantigens in a non-small cell lung cancer  | ENGLANDER, RYAN            | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$106,668   | \$106,668   | \$69,848    | \$53,974    |
| 791 | TL1TR001864 | 5TL1TR001864-09 | YALE UNIVERSITY                          | J. NRSA Training Core   | CANTLEY, LLOYD G           | Awarded. Non-fellowships only | 2016/07/01 | 2026/05/31 | \$3,440,357 | \$3,440,357 | \$3,491,714 | \$995,722   |
| 792 | T32CA116339 | 5T32CA116339-17 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Cancer Care Quality Training Program  | BASCH, ETHAN M             | Awarded. Non-fellowships only | 2005/07/01 | 2028/07/31 | \$746,636   | \$746,636   | \$633,813   | \$392,446   |
| 793 | F32AI176787 | 5F32AI176787-02 | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Unfolded Protein Response Activation as a Determinant of the Host Response to M. tuberculosis   | FINETHY, RYAN HAROLD       | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$155,136   | \$155,136   | \$149,145   | \$81,364    |
| 794 | F30OD030021 | 5F30OD030021-04 | UNIVERSITY OF MINNESOTA                  | Genome Engineered Natural Killer Cell Immunotherapy against Human Osteosarcoma  | ROBBINS, GABRIELLE MATILDE | Awarded. Fellowships only     | 2021/08/16 | 2025/08/15 | \$170,256   | \$162,965   | \$151,705   | \$53,974    |
| 795 | F30CA268717 | 5F30CA268717-03 | WEILL MEDICAL COLL OF CORNELL UNIV       | Mechanisms of genomic instability, tumor initiation and progression following the disruption of the RTF2-RNase H2 axis                | BLOBEL, NICOLAS JOHANNES   | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$158,420   | \$158,420   | \$104,013   | \$53,974    |
| 796 | F31HD111287 | 5F31HD111287-02 | CALIFORNIA INSTITUTE OF TECHNOLOGY       | Lineage and transcriptional analysis of sacral neural crest contribution to the enteric nervous system                                | JACOBS-LI, JESSICA         | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668    | \$96,668    | \$74,979    | \$48,974    |
| 797 | T32AI007285 | 5T32AI007285-37 | UNIVERSITY OF ROCHESTER                  | The T32 Predoctoral Training Program in Immunology (PTPI)   | ROBERT, JACQUES            | Awarded. Non-fellowships only | 1986/09/30 | 2028/08/31 | \$530,224   | \$530,224   | \$405,377   | \$261,176   |
| 798 | T32AG000186 | 5T32AG000186-35 | NATIONAL BUREAU OF ECONOMIC RESEARCH     | NBER Training Program in Aging and Health Economics   | FINKELSTEIN, AMY N         | Awarded. Non-fellowships only | 1989/09/01 | 2026/04/30 | \$2,227,244 | \$2,227,244 | \$2,438,433 | \$117,595   |
| 799 | T32AI007281 | 5T32AI007281-34 | MEHARRY MEDICAL COLLEGE                  | Molecular Microbial Pathogenesis Training Program   | CHAUDHURI, MINU            | Awarded. Non-fellowships only | 1985/06/25 | 2026/06/30 | \$728,192   | \$728,192   | \$643,425   | \$177,270   |
| 800 | T32HL007149 | 5T32HL007149-48 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Research Training in Hematology at UNC Chapel Hill  | KEY, NIGEL S               | Awarded. Non-fellowships only | 1975/07/01 | 2027/06/30 | \$1,389,004 | \$1,389,004 | \$1,132,805 | \$484,006   |
| 801 | F30CA281268 | 5F30CA281268-02 | UT SOUTHWESTERN MEDICAL CENTER           | Elucidating mechanisms of therapy response in BRCA2 mutant prostate cancers   | HOFSTAD, MIA E             | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$78,142    | \$78,142    | \$61,664    | \$39,711    |
| 802 | T32GM008361 | 5T32GM008361-33 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Medical Scientist Training Program  | YACOUBIAN, TALENE ALENE    | Awarded. Non-fellowships only | 1992/07/01 | 2025/06/30 | \$5,090,529 | \$5,090,529 | \$4,643,457 | \$1,028,915 |
| 803 | T32DK007529 | 5T32DK007529-38 | BRIGHAM AND WOMEN'S HOSPITAL             | Training Grant in Academic Endocrinology  | KAISER, URSULA B           | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$1,375,196 | \$1,375,196 | \$1,234,908 | \$377,213   |

|     |             |                 |  |  |                                 |                               |            |            |             |             |             |           |
|-----|-------------|-----------------|--|--|---------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 804 | F30ES033550 | 5F30ES033550-03 | UNIVERSITY OF CALIFORNIA AT DAVIS        | Mechanisms of ovarian endocrine disruption at single-cell resolution   | COSSABOON, JENNIFER MONIQUE     | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$133,315   | \$133,315   | \$133,315   | \$53,931  |
| 805 | T32HL125242 | 5T32HL125242-10 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Training Program in Translational Cardiovascular Research and Entrepreneurship   | MICHELE, DANIEL E               | Awarded. Non-fellowships only | 2015/07/01 | 2026/06/30 | \$1,051,511 | \$1,051,511 | \$1,026,770 | \$166,116 |
| 806 | T32NS126120 | 5T32NS126120-02 | WASHINGTON UNIVERSITY                    | TriMED: Measuring, Modeling and Manipulating Excitability and Disease  | NICHOLS, COLIN G                | Awarded. Non-fellowships only | 2023/07/05 | 2028/06/30 | \$469,890   | \$469,890   | \$265,820   | \$312,304 |
| 807 | F32HL164108 | 5F32HL164108-03 | UNIVERSITY OF WASHINGTON                 | Dissecting the mechanisms of how MYH7 S2 mutations lead to genetic hypertrophic cardiomyopathy   | LOIBEN, ALEXANDER               | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$213,430   | \$213,430   | \$188,253   | \$76,756  |
| 808 | T32GM137812 | 5T32GM137812-04 | CALIFORNIA STATE POLY U POMONA           | Integration of Research, Mentoring and Professional Skill Building for Masters Students to Bridge to a PhD Program in Biomedical Science | BUCKLEY-NIEVES, NANCY ELIZABETH | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$1,311,533 | \$1,311,533 | \$1,034,457 | \$391,298 |
| 809 | F31MH131380 | 5F31MH131380-03 | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Defining the gene regulatory roles of non-coding variants in the pathogenesis of autism  | SOSA, ERIC ALEXANDER            | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$158,420   | \$158,420   | \$146,182   | \$53,974  |
| 810 | F30HD108976 | 5F30HD108976-03 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Development of a Novel Bioinspired Pelvic Organ Prolapse Repair Graft  | EGNOT, MORGAN LEE               | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$150,997   | \$150,997   | \$104,813   | \$53,974  |
| 811 | T32AA007567 | 5T32AA007567-31 | BRANDEIS UNIVERSITY                      | Doctoral Training/Alcohol-Related Health Services Research   | HORGAN, CONSTANCE M             | Awarded. Non-fellowships only | 1994/09/15 | 2027/08/31 | \$1,447,092 | \$1,447,092 | \$1,103,674 | \$513,377 |
| 812 | T32MH067564 | 5T32MH067564-22 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Training Program in Neurobiology of Information Storage  | DOMBECK, DANIEL A               | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$471,319   | \$471,319   | \$377,738   | \$212,735 |
| 813 | T32TR004537 | 5T32TR004537-02 | ALBERT EINSTEIN COLLEGE OF MEDICINE      | CTSA Predoctoral T32 at Albert Einstein College of Medicine  | HOSGOOD, H DEAN                 | Awarded. Non-fellowships only | 2023/07/06 | 2028/06/30 | \$462,326   | \$462,326   | \$362,617   | \$234,928 |
| 814 | T32CA057726 | 5T32CA057726-33 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Cancer Control Education Program   | RIBISL, KURT M                  | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$970,387   | \$970,387   | \$863,748   | \$369,409 |
| 815 | T32HL125247 | 5T32HL125247-10 | UT SOUTHWESTERN MEDICAL CENTER           | Training in Cardiovascular Research  | HILL, JOSEPH A                  | Awarded. Non-fellowships only | 2015/07/01 | 2026/06/30 | \$1,779,629 | \$1,779,629 | \$1,672,417 | \$253,275 |
| 816 | T32HG008953 | 5T32HG008953-09 | STANFORD UNIVERSITY                      | The Stanford Training Program in ELSI Research   | CHO, MILDRED K                  | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$911,066   | \$911,066   | \$1,034,258 | \$56,490  |
| 817 | F32AA030915 | 5F32AA030915-02 | UNIVERSITY OF COLORADO DENVER            | Development of a Novel Peer-Narrated Virtual Patient Decision Aid for Entry into Alcohol Treatment for ICU Survivors with Alcohol Misuse | HILLS-DUNLAP, KELSEY R          | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$171,702   | \$171,702   | \$147,608   | \$88,324  |
| 818 | T32CA154274 | 5T32CA154274-13 | UNIVERSITY OF MARYLAND BALTIMORE         | Training Grant in Cancer Biology   | ANTALIS, TONI M                 | Awarded. Non-fellowships only | 2011/07/01 | 2027/06/30 | \$1,545,541 | \$1,545,541 | \$1,143,116 | \$540,195 |
| 819 | T32HD098066 | 5T32HD098066-05 | CHILDREN'S RESEARCH INSTITUTE            | Clinical Pediatric Research Training for the Fetal-Neonatal Brain  | LIMPEROPOULOS, CATHERINE        | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,653,154 | \$1,653,154 | \$999,349   | \$495,475 |
| 820 | F31NS132519 | 5F31NS132519-02 | UNIVERSITY OF PENNSYLVANIA               | Cellular and circuit function of Ndnf-expressing interneurons in a mouse model of a neurodevelopmental disorder                          | LIEBERGALL, SOPHIE ROSE         | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$145,642   | \$145,642   | \$86,766    | \$48,974  |
| 821 | F31AA031164 | 5F31AA031164-02 | UNIVERSITY OF RHODE ISLAND               | Assessing State Emotions and Acute Alcohol Intoxication on Sexual Assault Risk Perception  | KIEFER, REINA                   | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668    | \$96,668    | \$89,527    | \$48,974  |
| 822 | T90DE021982 | 5T90DE021982-14 | UNIVERSITY OF SOUTHERN CALIFORNIA        | Doctoral and Post-doctoral Training in Craniofacial Biology  | PAINE, MICHAEL LANSDELL         | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,968,372 | \$1,968,372 | \$1,084,705 | \$601,577 |
| 823 | T32AI177290 | 5T32AI177290-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Addressing Evolving Infectious Threats   | YANG, OTTO O                    | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,192,268 | \$1,192,268 | \$338,213   | \$405,108 |
| 824 | T32HL129970 | 5T32HL129970-09 | STANFORD UNIVERSITY                      | Stanford Training Program in Lung Biology  | NICOLLS, MARK ROBERT            | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$1,548,979 | \$1,548,979 | \$1,195,538 | \$408,155 |
| 825 | T32DC013017 | 5T32DC013017-09 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Advanced Research Training in Communication Sciences and Disorders   | STEPP, CARA E                   | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$2,109,250 | \$2,109,250 | \$1,679,408 | \$572,449 |

|     |             |                 |  |   |                            |                               |            |            |             |             |             |           |
|-----|-------------|-----------------|--|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 826 | F30AI172238 | 5F30AI172238-03 | HARVARD MEDICAL SCHOOL                   | Pinpointing how single-cell states affect genetic regulation of HLA expression in autoimmune diseases   | KANG, JOYCE BLOSSOM        | Awarded. Fellowships only     | 2022/07/01 | 2025/05/31 | \$142,934   | \$142,934   | \$140,582   | \$51,226  |
| 827 | T32DK110966 | 5T32DK110966-09 | UNIVERSITY OF UTAH                       | University of Utah Interdisciplinary Training Program in Computational Approaches to Diabetes and Metabolism Research   | EILBECK, KAREN LOUISE      | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$1,066,159 | \$1,066,159 | \$906,054   | \$264,330 |
| 828 | T32GM142625 | 5T32GM142625-03 | OREGON HEALTH & SCIENCE UNIVERSITY       | Chemical Physiology Training Program  | HABECKER, BETH A           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$536,030   | \$536,030   | \$459,882   | \$219,744 |
| 829 | F31AI172386 | 5F31AI172386-03 | UNIVERSITY OF CALIFORNIA-IRVINE          | Endemic and Emerging Multidrug Resistant Organisms in Nursing Homes: A Neglected Clinical Setting   | GUSSIN, GABRIELLE          | Awarded. Fellowships only     | 2022/06/27 | 2025/06/26 | \$130,956   | \$130,956   | \$118,991   | \$45,516  |
| 830 | F31AG079619 | 5F31AG079619-03 | FLORIDA STATE UNIVERSITY                 | Decoding Hippocampal-Parietal contributions to spatial navigation in a mouse modeling Tau and AB aggregation features of Alzheimers Disease                           | CUSHING, SARAH DANIELLE    | Awarded. Fellowships only     | 2022/08/19 | 2025/08/18 | \$118,841   | \$118,841   | \$66,853    | \$40,781  |
| 831 | F32HL167534 | 5F32HL167534-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | SETDB2 regulates Abdominal Aortic Aneurysms   | BAUER, TYLER MICHAEL       | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$159,684   | \$159,684   | \$123,824   | \$83,392  |
| 832 | T32HL007576 | 5T32HL007576-38 | UNIVERSITY OF UTAH                       | Training in Cardiovascular Research   | DRAKOS, STAVROS GEORGE     | Awarded. Non-fellowships only | 1994/07/01 | 2027/06/30 | \$1,687,040 | \$1,687,040 | \$1,705,916 | \$562,500 |
| 833 | F32AG079618 | 5F32AG079618-03 | UNIVERSITY OF PENNSYLVANIA               | Shared and disparate genomic features of TDP-43 proteinopathies   | SPENCER, BARBARA ELIZABETH | Awarded. Fellowships only     | 2022/08/19 | 2025/08/18 | \$218,266   | \$218,266   | \$193,244   | \$78,892  |
| 834 | T32EB031512 | 5T32EB031512-04 | UNIVERSITY OF MINNESOTA                  | Minnesota Neuroimaging Postdoctoral Training Grant  | NETOFF, THEODEN I          | Awarded. Non-fellowships only | 2021/06/04 | 2026/05/31 | \$906,640   | \$906,640   | \$807,733   | \$196,185 |
| 835 | T32DA041898 | 5T32DA041898-08 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Integrated Care for Addiction, HIV and HCV Research and Education (ICAHRE)  | STEIN, MICHAEL D           | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,296,926 | \$1,296,926 | \$992,635   | \$444,113 |
| 836 | T32AI153020 | 5T32AI153020-04 | UNIVERSITY OF CHICAGO                    | Immunoengineering Postdoctoral Training Program - Resubmission - 1  | SWARTZ, MELODY ANN         | Awarded. Non-fellowships only | 2021/08/19 | 2026/07/31 | \$1,617,821 | \$1,617,821 | \$1,055,745 | \$461,485 |
| 837 | T90DE023520 | 5T90DE023520-12 | UNIVERSITY OF IOWA                       | University of Iowa Institutional Training Program in Oral Health Research   | LEVY, STEVEN M             | Awarded. Non-fellowships only | 2013/07/01 | 2028/06/30 | \$984,116   | \$984,116   | \$720,914   | \$503,702 |
| 838 | T32OD011121 | 5T32OD011121-19 | STANFORD UNIVERSITY                      | Comparative Medicine Biosciences Training Program   | BUCKMASTER, PAUL S         | Awarded. Non-fellowships only | 2005/07/15 | 2026/06/30 | \$343,861   | \$441,471   | \$608,098   | \$1       |
| 839 | F32HD111327 | 5F32HD111327-02 | HARVARD UNIVERSITY                       | A childs best friend: Behavioral, neural, and endocrinological mechanisms of longitudinal social bond formation and stress buffering effects in children and pet dogs | REILLY, OLIVIA TOMEIO      | Awarded. Fellowships only     | 2023/07/01 | 2026/11/19 | \$142,512   | \$142,512   | \$111,393   | \$73,828  |
| 840 | T35AI165252 | 5T35AI165252-04 | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Big Data Health Science Scholar Program for Infectious Diseases   | OLATOSI, BANKOLE           | Awarded. Non-fellowships only | 2021/09/10 | 2026/08/31 | \$578,303   | \$578,303   | \$363,898   | \$131,713 |
| 841 | T32HL007118 | 5T32HL007118-49 | HARVARD SCHOOL OF PUBLIC HEALTH          | Training Program in Molecular and Integrative Physiological Sciences  | LU, QUAN                   | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$2,604,510 | \$2,604,510 | \$2,022,198 | \$615,702 |
| 842 | T32MH015330 | 5T32MH015330-46 | JOHNS HOPKINS UNIVERSITY                 | Interdisciplinary Training in Psychiatry and Neuroscience   | MARGOLIS, RUSSELL L        | Awarded. Non-fellowships only | 1978/07/01 | 2026/06/30 | \$1,802,695 | \$1,802,695 | \$1,680,537 | \$349,509 |
| 843 | F30CA253987 | 5F30CA253987-05 | UNIVERSITY OF CHICAGO                    | Investigating METTL5-regulated translational changes in hepatocellular carcinoma  | SEPICH, CARALINE LEE       | Awarded. Fellowships only     | 2020/07/01 | 2025/06/30 | \$259,976   | \$259,976   | \$205,298   | \$53,974  |
| 844 | T35AG076424 | 5T35AG076424-03 | UNIVERSITY OF CALIFORNIA-IRVINE          | Summer Medical student Aging and Alzheimer disease Research Training (SMAART) program   | HEAD, ELIZABETH            | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$223,913   | \$223,913   | \$178,153   | \$89,030  |
| 845 | F30CA257677 | 5F30CA257677-04 | STATE UNIVERSITY NEW YORK STONY BROOK    | The oncogenic functions of Neuropilin-1 in the glioblastoma tumor microenvironment  | RADIN, DANIEL              | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$180,186   | \$180,186   | \$161,750   | \$53,974  |
| 846 | T32AI125179 | 5T32AI125179-08 | LA JOLLA INSTITUTE FOR IMMUNOLOGY        | Training in Immunological Mechanisms  | CROFT, MICHAEL             | Awarded. Non-fellowships only | 2016/08/01 | 2026/07/31 | \$1,294,169 | \$1,294,169 | \$1,074,751 | \$328,919 |

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|-----|-------------|-------------------|--|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 847 | F30CA268325 | 5F30CA268325-02   | VANDERBILT UNIVERSITY                      | Harnessing hotspot specific differences among SF3B1 mutations to define novel mechanisms of tumorigenicity and targetability in solid malignancies | BERGMAN, RILEY           | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$86,257    | \$86,257    | \$60,019    | \$53,373  |
| 848 | T32AI007019 | 5T32AI007019-49   | YALE UNIVERSITY                            | Interdisciplinary Immunology Training Program  | SCHATZ, DAVID G          | Awarded. Non-fellowships only | 1976/07/01 | 2027/08/31 | \$1,487,775 | \$1,487,775 | \$1,290,274 | \$508,024 |
| 849 | T32OD028239 | 5T32OD028239-05   | VIRGINIA POLYTECHNIC INST AND ST UNIV      | Animal Model Research for Veterinarians (AMRV)   | MENG, XIANG-JIN          | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$1,382,568 | \$1,382,568 | \$1,207,715 | \$259,985 |
| 850 | T32AI007290 | 5T32AI007290-40   | STANFORD UNIVERSITY                        | Molecular and Cellular Immunobiology   | MARTINEZ, OLIVIA M       | Awarded. Non-fellowships only | 1985/09/01 | 2025/08/31 | \$1,806,524 | \$1,806,524 | \$2,211,304 | \$515,677 |
| 851 | T32DC009975 | 5T32DC009975-15   | UNIVERSITY OF SOUTHERN CALIFORNIA          | Training in Hearing and Communication Neuroscience   | SHERA, CHRISTOPHER A     | Awarded. Non-fellowships only | 2009/07/01 | 2025/06/30 | \$1,498,015 | \$1,498,015 | \$1,304,073 | \$89,144  |
| 852 | F31DK134090 | 5F31DK134090-02   | PENNSYLVANIA STATE UNIVERSITY, THE         | Mapping the Glucuronidome  | BOYLE, NINA              | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$72,756    | \$72,756    | \$63,478    | \$37,018  |
| 853 | F30AI179111 | 1F30AI179111-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL         | Population genomics and relapse epidemiology of Plasmodium ovale in sub-Saharan Africa   | CAREY-EWEND, KELLY       | Awarded. Fellowships only     | 2024/08/01 | 2028/03/31 | \$41,012    | \$41,012    | \$30,620    | \$41,012  |
| 854 | F31NS137776 | 1F31NS137776-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | Investigating the role of the blood-brain barrier in trafficking prenatal liver-derived immune cells into the brain                                | WEDDERBURN-PUGH, KAYLEE  | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$41,632    | \$41,632    | \$30,634    | \$41,632  |
| 855 | T32AI007419 | 5T32AI007419-32   | UNIV OF NORTH CAROLINA CHAPEL HILL         | Molecular Biology of Viral Diseases Predoctoral Training Grant   | HEISE, MARK T            | Awarded. Non-fellowships only | 1993/09/01 | 2028/08/31 | \$389,149   | \$389,149   | \$391,600   | \$198,475 |
| 856 | F30GM147909 | 5F30GM147909-03   | WAYNE STATE UNIVERSITY                     | Myc Transcription Factor Inhibitor Design: Integrating Atomic and Mesoscale with Semi-Supervised Generative Deep Learning Models                   | SCHWING, GREGORY JOHN    | Awarded. Fellowships only     | 2022/09/01 | 2027/08/31 | \$140,435   | \$140,435   | \$126,981   | \$47,979  |
| 857 | F31AI183832 | 1F31AI183832-01   | WASHINGTON UNIVERSITY                      | Immunometabolic regulation of enteric viral infection  | WRIGHT, JASMINE          | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$35,482    | \$35,482    | \$22,864    | \$35,482  |
| 858 | T32GM136568 | 5T32GM136568-04   | STANFORD UNIVERSITY                        | Molecular Biophysics Training Program at Stanford  | HUANG, KERWYN C          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,505,462 | \$2,505,462 | \$2,045,485 | \$659,231 |
| 859 | F31HD108920 | 5F31HD108920-03   | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA   | Infant Predictors of ADHD and ASD Symptomology   | FEDERICO, ALEXIS         | Awarded. Fellowships only     | 2022/08/16 | 2025/08/15 | \$128,685   | \$128,685   | \$107,822   | \$43,929  |
| 860 | F32HL170581 | 1F32HL170581-01A1 | RESEARCH INST NATIONWIDE CHILDREN'S HOSP   | A Dynamic and Three-Dimensional Human Model of Hypoplastic Left Heart Syndrome to Probe Compromised Cardiomyocyte Proliferation                    | ALONZO, MATTHEW          | Awarded. Fellowships only     | 2024/09/16 | 2027/09/15 | \$76,756    | \$76,756    | \$32,505    | \$76,756  |
| 861 | F31DE033289 | 1F31DE033289-01A1 | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR   | Understanding the role of PDGFRb signaling in Penttinen syndrome craniofacial development  | KIM, JANG HOON           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$35,738    | \$35,738    | \$21,868    | \$35,738  |
| 862 | F31CA284877 | 1F31CA284877-01A1 | UNIVERSITY OF COLORADO                     | Defining the transition from deep quiescence to senescence   | FERNANDEZ, BRIANNA       | Awarded. Fellowships only     | 2024/06/01 | 2026/07/31 | \$40,782    | \$40,782    | \$40,782    | \$40,782  |
| 863 | F31MH135704 | 1F31MH135704-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES       | Early Sleep Disruption and Neurodevelopmental Trajectories in Infancy  | CHIEM, EMILY             | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$41,328    | \$41,328    | \$25,311    | \$41,328  |
| 864 | F31MH133373 | 5F31MH133373-02   | EMORY UNIVERSITY                           | Examining the neural substrates of reward in the lateral septum  | ISAAC, JENNIFER SAMANTHA | Awarded. Fellowships only     | 2023/08/11 | 2026/08/10 | \$96,668    | \$96,668    | \$86,295    | \$48,974  |
| 865 | F30HD106797 | 5F30HD106797-04   | WASHINGTON UNIVERSITY                      | Determining the Role of Platin-3 in Osteoblast Differentiation and Mineralization  | CHIN, SAMANTHA MEAGAN    | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$171,324   | \$171,324   | \$140,559   | \$53,974  |
| 866 | F31MH134532 | 1F31MH134532-01A1 | MICHIGAN STATE UNIVERSITY                  | Circuit-specific androgen receptor regulation of hippocampal neuronal excitability   | SUGIMOTO, CHIHO          | Awarded. Fellowships only     | 2024/05/16 | 2025/11/15 | \$62,558    | \$62,558    | \$32,903    | \$39,363  |
| 867 | F30ES033914 | 5F30ES033914-03   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Toxicity and Detoxification of Imidacloprid in the Murine Ovary  | MOURIKES, VASILIKI       | Awarded. Fellowships only     | 2022/09/15 | 2025/09/14 | \$158,024   | \$158,024   | \$122,504   | \$53,842  |

|     |             |                   |   |  |                          |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|---|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 868 | F31AG084273 | 1F31AG084273-01A1 | NORTHWESTERN UNIVERSITY                 | Socioeconomic status across the life course and epigenetic age acceleration in adulthood: Evidence from two generations of a Filipino birth cohort study | WATSON, ELIJAH JILES     | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$43,785    | \$43,785    | \$19,518    | \$43,785  |
| 869 | F31GM154485 | 1F31GM154485-01   | UNIVERSITY OF CALIFORNIA BERKELEY       | Photomediated ring contractions of N-Aryl azacycles: Mechanistic insights and characterization of wavelength dependent reactivity                        | KIM, SOJUNG FRANCES      | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$45,965    | \$45,965    | \$27,289    | \$45,965  |
| 870 | T32CA009110 | 5T32CA009110-47   | JOHNS HOPKINS UNIVERSITY                | Training in Areas Fundamental to Cancer Research   | WEERARATNA, ASHANI T     | Awarded. Non-fellowships only | 1975/06/30 | 2026/07/31 | \$2,387,421 | \$2,387,421 | \$2,144,534 | \$611,949 |
| 871 | F31GM148067 | 5F31GM148067-03   | JOHNS HOPKINS UNIVERSITY                | Defining the Role of DDX6 in Regulating FUS Condensates  | MEKONNEN, GEMECHU        | Awarded. Fellowships only     | 2022/08/01 | 2026/01/31 | \$143,420   | \$143,420   | \$118,129   | \$48,974  |
| 872 | T34GM142615 | 5T34GM142615-03   | UNIVERSITY OF KANSAS LAWRENCE           | Bridges to the Baccalaureate Research Training Program at the University of Kansas/Haskell Indian Nations University                                     | CHANDLER, JOSEPHINE R    | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$687,278   | \$687,278   | \$388,801   | \$281,040 |
| 873 | F30AG079577 | 5F30AG079577-03   | NORTHWESTERN UNIVERSITY AT CHICAGO      | The gut microbiome in Alzheimers disease: exploring the role of astrocytes   | CHANDRA, SIDHANTH        | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$158,420   | \$158,420   | \$115,806   | \$53,974  |
| 874 | F31AG084195 | 1F31AG084195-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Defining the Neuroprotective Mechanisms of Neuritin-1 in Cognitive Resilience to Alzheimers Disease  | PUGH, DERIAN             | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$40,264    | \$40,264    | \$8,105     | \$40,264  |
| 875 | F32DA060662 | 1F32DA060662-01   | VANDERBILT UNIVERSITY                   | Defining Disruptions to Dopaminergic Control of Striatal Activity after Chronic Cocaine Use  | LEONARD, MICHAEL Z       | Awarded. Fellowships only     | 2024/07/01 | 2025/06/30 | \$77,284    | \$77,284    | \$46,413    | \$77,284  |
| 876 | F31HD113419 | 1F31HD113419-01A1 | TEMPLE UNIV OF THE COMMONWEALTH         | Investigating the role of YAP1 in blood cell specification   | ABRAHAM, ELIZABETH       | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$37,485    | \$37,485    | \$24,255    | \$37,485  |
| 877 | T32HL160513 | 5T32HL160513-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Mount Sinai Clinician Scientist Training Program in Emergency Care Research  | RICHARDSON, LYNNE D      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,698,635 | \$1,698,635 | \$583,825   | \$472,723 |
| 878 | T32GM135143 | 5T32GM135143-05   | HARVARD UNIVERSITY                      | Joint Program in Molecules, Cells, and Organisms   | D'SOUZA, VICTORIA MANUEL | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,206,768 | \$3,206,768 | \$2,973,606 | \$588,134 |
| 879 | F30AG087550 | 1F30AG087550-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Molecular mechanisms of synapse loss in Alzheimer's disease  | SHROFF, KUNAL            | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$41,081    | \$41,081    | \$27,864    | \$41,081  |
| 880 | F31HL168878 | 1F31HL168878-01A1 | EMORY UNIVERSITY                        | Rare variants associated with AVSD in Down Syndrome  | FELDMAN, ELIZABETH       | Awarded. Fellowships only     | 2024/09/13 | 2027/09/12 | \$48,974    | \$48,974    | \$29,429    | \$48,974  |
| 881 | F31AG079604 | 5F31AG079604-02   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Regulation of microglial function by blood-borne factors   | HEMMER, BRITTANY MARIE   | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$93,468    | \$93,468    | \$61,779    | \$47,374  |
| 882 | TL1TR002382 | 5TL1TR002382-08   | EMORY UNIVERSITY                        | J. NRSA Training Core  | BLUMBERG, HENRY M        | Awarded. Non-fellowships only | 2017/09/22 | 2027/07/31 | \$2,260,533 | \$2,260,533 | \$1,632,605 | \$431,241 |
| 883 | F32AG084196 | 1F32AG084196-01A1 | UNIVERSITY OF IOWA                      | Reversal of Tau Pathology to Rescue Serotonergic Function in Early Alzheimer's Disease   | KOLLING, LOUIS           | Awarded. Fellowships only     | 2024/08/01 | 2026/03/17 | \$76,828    | \$76,828    | \$47,669    | \$76,828  |
| 884 | F31AG084146 | 5F31AG084146-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Determining the neural mechanisms of mechanosensory food perception in DR-mediated longevity   | KITTO, ELIZABETH SARAH   | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$83,394    | \$83,394    | \$73,674    | \$42,575  |
| 885 | F32HD115373 | 1F32HD115373-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Parenting Profiles Among Black Fathers: Implications for Black Adolescents' Depression Symptomatology  | GIBSON, STEPHEN          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$73,408    | \$73,408    | \$48,975    | \$73,408  |
| 886 | F31AG087692 | 1F31AG087692-01   | UPSTATE MEDICAL UNIVERSITY              | Mechanism of mitochondria-induced myokine activation and implications for healthy aging.   | MAURO, JOSEPH V          | Awarded. Fellowships only     | 2024/06/25 | 2029/06/24 | \$53,974    | \$53,974    | \$47,767    | \$53,974  |
| 887 | F30HL174095 | 1F30HL174095-01   | TULANE UNIVERSITY OF LOUISIANA          | Lung Th17 cells signal via fibroblasts, establish interstitial macrophages, and contribute to host protection  | REMCHO, THOMAS PARKS     | Awarded. Fellowships only     | 2024/09/30 | 2029/09/29 | \$53,167    | \$53,167    | \$3,218     | \$53,167  |

|     |             |                   |  |   |                          |                               |            |            |             |             |             |           |
|-----|-------------|-------------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 888 | F30AI179182 | 1F30AI179182-01A1 | COLUMBIA UNIVERSITY HEALTH SCIENCES        | RNA Decay of LINE-1 Retrotransposons as a New Mechanism to Maintain B Cell Genome Integrity   | LAURING, MAX CHEN        | Awarded. Fellowships only     | 2024/07/15 | 2027/07/14 | \$50,414    | \$50,414    | \$50,414    | \$50,414  |
| 889 | F30DK130576 | 5F30DK130576-04   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI    | A genotype first approach to studying diabetes  | STALBOW, LAUREN          | Awarded. Fellowships only     | 2021/09/16 | 2025/09/15 | \$205,696   | \$205,696   | \$122,149   | \$56,974  |
| 890 | T32GM007250 | 3T32GM007250-48S1 | CASE WESTERN RESERVE UNIVERSITY            | Medical Scientist Training Program  | HUANG, ALEX YEE-CHEN     | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$8,121,207 | \$8,121,207 | \$8,033,790 | \$58,054  |
| 891 | T32CA193111 | 5T32CA193111-10   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE     | Research Training for Physician-Scientists in Gastrointestinal Oncology   | BAR-SAGI, DAFNA          | Awarded. Non-fellowships only | 2015/07/01 | 2025/07/31 | \$1,409,770 | \$1,409,770 | \$1,113,171 | \$338,535 |
| 892 | F31AI167527 | 5F31AI167527-03   | EMORY UNIVERSITY                           | Delineating HIV-1 nuclear import mechanisms through capsid interaction with MxB and the nuclear pore complex                                    | TORRES RIVERA, DARIANA   | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$122,586   | \$48,974  |
| 893 | T32HL130357 | 5T32HL130357-09   | WASHINGTON UNIVERSITY                      | WUSTL Transdisciplinary Pre- and Postdoctoral Training Program in Obesity and Cardiovascular Disease  | WILFLEY, DENISE ELLA     | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$1,934,460 | \$1,934,460 | \$1,500,314 | \$452,797 |
| 894 | F31MH136812 | 1F31MH136812-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES        | Impact of social environment on cognitive development and thalamocortical maturation  | BRAVO, ISABEL            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$48,974    | \$48,974  |
| 895 | F30EB035932 | 1F30EB035932-01   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Atlas Neurosurgical Navigation System for Low-Resource Settings   | SMITH, ALEXANDER DANIEL  | Awarded. Fellowships only     | 2024/08/16 | 2029/08/15 | \$53,974    | \$53,974    | \$18,197    | \$53,974  |
| 896 | T32AI055402 | 5T32AI055402-19   | UNIVERSITY OF VERMONT & ST AGRIC COLLEGE   | Vermont Immunology / Infectious Diseases Training Grant   | WARD, GARY E             | Awarded. Non-fellowships only | 2005/09/01 | 2026/08/31 | \$621,815   | \$621,815   | \$477,111   | \$142,298 |
| 897 | F31AI179031 | 1F31AI179031-01A1 | TUFTS UNIVERSITY BOSTON                    | Structural and antigenic characterization of human cytomegalovirus gB   | KRASILNIKOV, MARIA       | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$45,183    | \$45,183    | \$30,838    | \$45,183  |
| 898 | F30DK139713 | 1F30DK139713-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | Investigating the role of BCAA metabolism in regulating adiposity during systemic hypoxia.  | MIDHA, AYUSH             | Awarded. Fellowships only     | 2024/09/01 | 2028/08/31 | \$41,324    | \$41,324    | \$27,313    | \$41,324  |
| 899 | T32HL007085 | 5T32HL007085-50   | UNIVERSITY OF COLORADO DENVER              | Multi-Disciplinary Research Training in Respiratory Disease   | SCHWARTZ, DAVID ALBERT   | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$4,490,436 | \$4,490,436 | \$4,389,980 | \$670,419 |
| 900 | T32CA078207 | 5T32CA078207-25   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI    | Training Program in Cancer Biology  | AARONSON, STUART A       | Awarded. Non-fellowships only | 1999/07/20 | 2025/08/31 | \$3,164,050 | \$3,164,050 | \$2,970,645 | \$649,744 |
| 901 | T32CA009140 | 5T32CA009140-50   | UNIVERSITY OF PENNSYLVANIA                 | Immunobiology of Normal and Neoplastic Lymphocytes  | PEAR, WARREN S           | Awarded. Non-fellowships only | 1975/07/01 | 2025/08/31 | \$3,386,433 | \$3,386,433 | \$2,979,528 | \$770,728 |
| 902 | F31NS137664 | 1F31NS137664-01   | UNIVERSITY OF PENNSYLVANIA                 | Monosynaptic tracing defines circuit connectivity of human high-grade glioma in the adult mouse brain   | SUN, YUSHA               | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974    | \$48,974    | \$46,558    | \$48,974  |
| 903 | F31MH136742 | 1F31MH136742-01   | TRUSTEES OF INDIANA UNIVERSITY             | Computational Modeling of Interoceptive Perception across the Psychosis-Spectrum  | HERMS, EMMA              | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974    | \$48,974    | \$32,789    | \$48,974  |
| 904 | F31CA275364 | 5F31CA275364-02   | UNIVERSITY OF VIRGINIA                     | Assessing the Transcriptional and Signaling Basis of Heterogeneity in the Epithelial-Mesenchymal Transition in Pancreatic Ductal Adenocarcinoma | BARBEAU, MICHELLE C      | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$79,550    | \$79,550    | \$64,340    | \$40,415  |
| 905 | T32AI052073 | 5T32AI052073-18   | STANFORD UNIVERSITY                        | Global Epidemiology of Infectious Diseases  | LUBY, STEPHEN PATRICK    | Awarded. Non-fellowships only | 2002/07/01 | 2027/07/31 | \$819,875   | \$819,875   | \$501,593   | \$304,736 |
| 906 | F30AG076317 | 5F30AG076317-03   | NORTHWESTERN UNIVERSITY                    | Development of Protein Like Polymer Therapeutics for Modulating the Nrf2/Keap1 Protein Protein Interaction in Neurodegenerative Diseases        | CARROW, KENDAL PAIGE     | Awarded. Fellowships only     | 2022/09/01 | 2026/09/10 | \$154,608   | \$154,608   | \$119,184   | \$56,974  |
| 907 | F32GM154448 | 1F32GM154448-01   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY      | Investigating mechanisms of coordinating actinstructure across multiple levels oforder  | MCDUGAL, ANTHONY DREW    | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$77,284    | \$77,284    | \$64,720    | \$77,284  |
| 908 | F32AG087622 | 1F32AG087622-01   | OKLAHOMA MEDICAL RESEARCH FOUNDATION       | Determining the influence of metformin treatment on mitochondrial calcium flux during aerobic exercise training of healthy, aging rats          | O'REILLY, COLLEEN LOUISE | Awarded. Fellowships only     | 2024/06/01 | 2025/12/31 | \$74,284    | \$74,284    | \$51,153    | \$74,284  |



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|-----|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 909 | T34GM137862 | 5T34GM137862-05   | UNIVERSITY OF MINNESOTA                 | Bridges to the Baccalaureate Research Training Program at the University of Minnesota Duluth  | CLARKE, BENJAMIN L         | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,641,158 | \$1,641,158 | \$763,084   | \$331,986 |
| 910 | F31DK132926 | 5F31DK132926-03   | COLORADO SCHOOL OF MINES                | The role of the peri-islet extracellular matrix in islet function and the pathogenesis of type 1 diabetes   | JOHANSEN, CHELSEA GARCIA   | Awarded. Fellowships only     | 2022/09/01 | 2027/11/30 | \$136,124   | \$136,124   | \$106,137   | \$46,542  |
| 911 | F30DA054776 | 5F30DA054776-04   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | What is the role of blood-brain-barrier regional specificity in the nucleus accumbens?  | GARCIA-PAK, IRIS HALEAKALA | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$185,272   | \$185,272   | \$164,050   | \$53,974  |
| 912 | F30AI174667 | 5F30AI174667-02   | CLEVELAND CLINIC LERNER COM-CWRU        | Endogenous memory T cell mediated rejection of high-risk cardiac allografts   | KORITZINSKY, ERIK HARRISON | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$106,668   | \$106,668   | \$50,170    | \$53,974  |
| 913 | F31MH132276 | 5F31MH132276-02   | WASHINGTON UNIVERSITY                   | The Effect of Social Influence on Effort-Cost Decision-Making in Schizophrenia: From Mechanisms to Real-World Associations                                    | MERCHANT, JAISAL TAARA     | Awarded. Fellowships only     | 2023/07/05 | 2025/07/04 | \$96,668    | \$96,668    | \$48,296    | \$48,974  |
| 914 | F30AA031190 | 5F30AA031190-02   | VANDERBILT UNIVERSITY                   | Role of Prefrontal Cortical Projections to the Midbrain in Alcohol-Induced Cognitive Deficits in Mice   | KANDOV, EVELYN             | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$72,548    | \$72,548    | \$61,364    | \$37,164  |
| 915 | T34GM146637 | 5T34GM146637-03   | UNIVERSITY OF CALIFORNIA RIVERSIDE      | Bridges to the Baccalaureate Research Training Program at University of California, Riverside   | RODGERS, VICTOR G J        | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$870,425   | \$870,425   | \$258,805   | \$290,685 |
| 916 | F31AI183652 | 1F31AI183652-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Host detection of Vibrio cholerae-induced actin damage  | MILLS, JORI                | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$44,187    | \$44,187    | \$22,932    | \$44,187  |
| 917 | T32GM150548 | 5T32GM150548-02   | KENNESAW STATE UNIVERSITY               | Peach State Bridges to the Doctorate  | MENSA-WILMOT, KOJO A       | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$569,729   | \$569,729   | \$75,318    | \$384,263 |
| 918 | T32GM138075 | 5T32GM138075-04   | CALIFORNIA STATE UNIVERSITY LONG BEACH  | Bridges to the Doctorate Research Training Program at California State University Long Beach  | BRUSSLAN, JUDY ANN         | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$1,629,465 | \$1,629,465 | \$1,394,403 | \$484,775 |
| 919 | F30AI183563 | 1F30AI183563-01   | UNIVERSITY OF WISCONSIN-MADISON         | Dynamic reprogramming of macrophage acetyl-CoA metabolism in endotoxin tolerance  | ARP, NICHOLAS LAWRENCE     | Awarded. Fellowships only     | 2024/09/04 | 2027/09/03 | \$39,816    | \$39,816    | \$27,568    | \$39,816  |
| 920 | F32DA057876 | 5F32DA057876-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Neurobiological impact of acute digital media abstinence among drug using college students  | FLANNERY, JESSICA SHANNON  | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$146,256   | \$146,256   | \$126,387   | \$76,756  |
| 921 | F32DK131636 | 5F32DK131636-03   | COLORADO STATE UNIVERSITY               | Caenorhabditis Elegans: a Model for Genetic Interaction between the Gut Microbiota and Intestinal Epithelial Cells  | HILL, JESSICA L            | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$221,433   | \$221,433   | \$204,410   | \$79,756  |
| 922 | F31AG084489 | 1F31AG084489-01A1 | WASHINGTON UNIVERSITY                   | A Novel Hybrid Viral Vector for Therapeutic CRISPR Insertion of Multiple Transgenes   | COLLINS, LOGAN THRASHER    | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$48,974    | \$48,974    | \$28,651    | \$48,974  |
| 923 | F31HL168921 | 5F31HL168921-02   | BAYLOR COLLEGE OF MEDICINE              | Regulation of Steady-State Hematopoiesis by Microbiota-Driven IFN- $\gamma$ Signaling   | MAKNOJIA, ARUSHANA AMIR    | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$96,668    | \$96,668    | \$83,416    | \$48,974  |
| 924 | T32GM135096 | 5T32GM135096-05   | UNIVERSITY OF MASSACHUSETTS AMHERST     | Biotechnology Training Program in Applied Life Sciences   | HARDY, JEANNE ANN          | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,569,941 | \$2,569,941 | \$2,408,654 | \$549,359 |
| 925 | F31NS134252 | 5F31NS134252-02   | DUKE UNIVERSITY                         | How does neuronal contact mediate astrocyte transcriptional maturation?   | SAVAGE, JUSTIN             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$82,450    | \$82,450    | \$65,478    | \$41,865  |
| 926 | F32HL164025 | 5F32HL164025-02   | MASSACHUSETTS GENERAL HOSPITAL          | Novel Molecular Regulators of Vascular Calcification  | LEE, SUJIN                 | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$163,794   | \$163,794   | \$135,142   | \$85,558  |
| 927 | T32AI007387 | 5T32AI007387-35   | BRIGHAM AND WOMEN'S HOSPITAL            | Multidisciplinary AIDS Training Program   | KURITZKES, DANIEL R        | Awarded. Non-fellowships only | 1990/08/01 | 2025/07/31 | \$2,047,845 | \$2,047,845 | \$1,754,702 | \$449,938 |
| 928 | F30MD018276 | 5F30MD018276-02   | UNIVERSITY OF FLORIDA                   | Ethnographic investigation of factors affecting conceptualization and provision of social prescribing in outpatient primary care clinics in the United States | WARPINSKI, CHLOE L         | Awarded. Fellowships only     | 2023/08/16 | 2028/07/31 | \$85,558    | \$85,558    | \$69,510    | \$43,674  |
| 929 | F32AG078229 | 5F32AG078229-03   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | Light Physical Activity for Brain Health in Older Adult Breast Cancer Survivors   | GORDON, BRETT RYAN         | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$221,059   | \$221,059   | \$154,372   | \$78,488  |

|     |             |                   |   |  |                                 |                               |            |            |             |             |             |             |
|-----|-------------|-------------------|---|--|---------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 930 | F31MD018957 | 5F31MD018957-02   | EMORY UNIVERSITY                        | Gaps and Determinants in PrEP Uptake and Need: Understanding Disparities in PrEP Among Women in the United States                    | BENNETT, BRADY W                | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$96,668    | \$96,668    | \$77,010    | \$48,974    |
| 931 | F31MH134533 | 5F31MH134533-02   | TEMPLE UNIV OF THE COMMONWEALTH         | Between- and Within-Person Heterogeneity in Adolescent Resting State Networks: Associations with Internalizing Psychopathology       | MATTONI, MATTHEW                | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$74,909    | \$74,909    | \$53,846    | \$38,948    |
| 932 | F31AI179125 | 1F31AI179125-01A1 | STANFORD UNIVERSITY                     | Defining factors affecting natural killer cells antibody-dependent responses in COVID-19   | CHAN, LESLIE                    | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$42,293    | \$42,293    | \$22,056    | \$42,293    |
| 933 | T32DK007418 | 5T32DK007418-43   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Diabetes, Endocrinology & Metabolism Training Grant  | HSIAO, EDWARD C                 | Awarded. Non-fellowships only | 1981/07/01 | 2027/06/30 | \$2,111,819 | \$2,111,819 | \$1,822,209 | \$691,349   |
| 934 | F30HD113352 | 5F30HD113352-02   | HARVARD MEDICAL SCHOOL                  | Subcellular investigation of molecular programs responsible for corticospinal neuron development and treatment-enhanced regeneration | VICENT ALLENDE, MARIA ALEJANDRA | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$94,178    | \$94,178    | \$78,240    | \$53,974    |
| 935 | T32HL007284 | 5T32HL007284-48   | UNIVERSITY OF VIRGINIA                  | Basic Cardiovascular Research Training Grant   | ISAKSON, BRANT E                | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$2,954,161 | \$2,954,161 | \$2,547,320 | \$1,042,148 |
| 936 | F31AI172387 | 5F31AI172387-03   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Quantifying the potential contribution of asymptomatic screening and treatment to malaria control and elimination                    | HOLDEN, TOBIAS                  | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$140,211   | \$140,211   | \$109,276   | \$45,765    |
| 937 | F32MH129076 | 5F32MH129076-03   | FLORIDA STATE UNIVERSITY                | Investigating the error-related negativity and the balance N1 in children with anxiety disorders                                     | PAYNE, AIDEN MICHAEL            | Awarded. Fellowships only     | 2022/08/10 | 2025/08/09 | \$218,266   | \$218,266   | \$193,147   | \$78,892    |
| 938 | F31HL173991 | 1F31HL173991-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Social Determinants and Epigenetic Mediators of Hypertension in the Future of Families and Child Wellbeing Study                     | SZETO, MINDY                    | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$44,187    | \$44,187    | \$19,824    | \$44,187    |
| 939 | F31AI167538 | 5F31AI167538-03   | BAYLOR COLLEGE OF MEDICINE              | Determining the role of the vaginal microbiota in microbial and immunological resistance to vaginal pathobiont colonization          | MEJIA, MARLYD ELIZABETH         | Awarded. Fellowships only     | 2022/08/26 | 2025/08/25 | \$143,420   | \$143,420   | \$118,796   | \$48,974    |
| 940 | T32HD007514 | 5T32HD007514-25   | PENNSYLVANIA STATE UNIVERSITY, THE      | Training Program in Social Environments and Population Health  | ICELAND, JOHN D                 | Awarded. Non-fellowships only | 1999/05/01 | 2025/08/31 | \$1,242,875 | \$1,242,875 | \$1,149,515 | \$327,726   |
| 941 | F31DE033255 | 5F31DE033255-02   | UNIVERSITY OF FLORIDA                   | Defining the role of sphingolipids on Porphyromonas gingivalis outer membrane vesicle uptake and elicited inflammation               | EURE, ZAVIER G                  | Awarded. Fellowships only     | 2023/08/16 | 2025/08/15 | \$89,805    | \$89,805    | \$78,416    | \$46,103    |
| 942 | T32HL082610 | 5T32HL082610-18   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Translational Research Training in Sleep and Circadian Science   | BUYSSE, DANIEL J                | Awarded. Non-fellowships only | 2007/07/01 | 2027/06/30 | \$1,451,269 | \$1,451,269 | \$1,042,072 | \$499,250   |
| 943 | T32AR007279 | 5T32AR007279-44   | WASHINGTON UNIVERSITY                   | Immunobiology of the Rheumatic Diseases  | LENSCHOW, DEBORAH J             | Awarded. Non-fellowships only | 1977/09/30 | 2026/07/31 | \$1,671,822 | \$1,671,822 | \$1,310,846 | \$493,904   |
| 944 | F31EY034393 | 5F31EY034393-03   | UNIVERSITY OF CALIFORNIA-IRVINE         | Exploring Crystallin Deamidation as a Causative Agent of Cataracts   | ROCHA, MEGAN                    | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$129,833   | \$129,833   | \$96,779    | \$44,445    |
| 945 | F30CA278319 | 5F30CA278319-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Characterizing and Targeting ERBB2 Mutations in Invasive Lobular Carcinoma   | LIU, JIE BIN                    | Awarded. Fellowships only     | 2023/07/01 | 2028/06/30 | \$106,668   | \$106,668   | \$58,251    | \$53,974    |
| 946 | F32ES034638 | 5F32ES034638-02   | WAYNE STATE UNIVERSITY                  | Exposure to PFAS mixture induces atherosclerosis via modulation of bile acid transport   | ROTH, KATHERINE                 | Awarded. Fellowships only     | 2023/07/15 | 2025/06/30 | \$150,684   | \$150,684   | \$119,063   | \$78,892    |
| 947 | F30AG079491 | 5F30AG079491-02   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Transcriptional regulation of neuroprotective microglia subtypes in health and disease   | CROWLEY, JESSICA                | Awarded. Fellowships only     | 2023/06/12 | 2026/09/11 | \$94,908    | \$94,908    | \$94,908    | \$47,374    |
| 948 | F31HD108945 | 5F31HD108945-03   | UNIVERSITY OF OREGON                    | Genetic dissection of fluid flow signaling in Left-Right patterning of zebrafish   | FISHER, KATHERINE H             | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$140,191   | \$140,191   | \$133,467   | \$48,327    |
| 949 | T32NS048004 | 5T32NS048004-19   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Training Grant in Neurobehavioral Genetics   | OPHOFF, ROEL A                  | Awarded. Non-fellowships only | 2004/07/15 | 2026/06/30 | \$1,819,271 | \$1,819,271 | \$1,323,943 | \$399,517   |



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|-----|-------------|-------------------|---|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 950 | F30HD107976 | 5F30HD107976-03   | RUTGERS, THE STATE UNIV OF N.J.         | Functional evaluation of kinesin gene variants associated with female subfertility and egg aneuploidy.   | BISWAS, LEELABATI         | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$147,044   | \$147,044   | \$135,313   | \$53,974  |
| 951 | TL1TR002386 | 5TL1TR002386-08   | WEILL MEDICAL COLL OF CORNELL UNIV      | J. NRSA Training Core  | ANDERSEN, OLAF S          | Awarded. Non-fellowships only | 2017/09/05 | 2027/06/30 | \$1,625,807 | \$1,625,807 | \$1,418,375 | \$304,608 |
| 952 | T32AI060549 | 2T32AI060549-21   | UNIVERSITY OF TEXAS MED BR GALVESTON    | Biodefense Training Program  | CHOPRA, ASHOK K           | Awarded. Non-fellowships only | 2004/07/01 | 2029/08/31 | \$175,294   | \$175,294   | \$108,681   | \$175,294 |
| 953 | T32MH019105 | 2T32MH019105-36   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Traineeships in AIDS Prevention Studies  | CHARLEBOIS, EDWIN DUNCAN  | Awarded. Non-fellowships only | 1989/05/01 | 2029/06/30 | \$530,635   | \$530,635   | \$301,254   | \$530,635 |
| 954 | F31AG077880 | 5F31AG077880-02   | UNIVERSITY OF CALIFORNIA-IRVINE         | Statistical methods for enriched clinical trials with applications to Alzheimers disease research  | HAKHU, NAVNEET RAM        | Awarded. Fellowships only     | 2023/09/25 | 2025/05/24 | \$38,577    | \$38,577    | \$29,998    | \$0       |
| 955 | F31DK137637 | 5F31DK137637-02   | VANDERBILT UNIVERSITY                   | Assessing Sox 10s effect on chromatin accessibility in enteric neuron lineage diversification  | BENTHAL, JOSEPH T         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$67,220    | \$67,220    | \$59,900    | \$34,250  |
| 956 | F32DK134086 | 5F32DK134086-02   | UNIVERSITY OF COLORADO DENVER           | The Role of IMAT Inflammatory Secretome on Muscle Insulin Resistance   | MCKENNA, COLLEEN          | Awarded. Fellowships only     | 2023/09/01 | 2025/10/05 | \$143,364   | \$143,364   | \$94,376    | \$74,284  |
| 957 | F30CA243160 | 5F30CA243160-05   | UNIVERSITY OF TX MD ANDERSON CAN CTR    | Exploration of long non-coding RNAs as synthetic essential targets in Pten-deficient cancers   | CHEN, JASPER R            | Awarded. Fellowships only     | 2020/09/18 | 2025/09/17 | \$226,065   | \$226,065   | \$174,244   | \$47,192  |
| 958 | F31HL170550 | 5F31HL170550-02   | UNIVERSITY OF PENNSYLVANIA              | The Respiratory Microbiome in COVID-19: Associations with Severity, Risk Factors, and Host Pathways  | MERENSTEIN, CARTER        | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$96,668    | \$96,668    | \$83,154    | \$48,974  |
| 959 | T34GM154616 | 1T34GM154616-01   | STATE UNIVERSITY OF NY,BINGHAMTON       | Bridges to the Baccalaureate Research Training Program   | SAVAGE, LISA M            | Awarded. Non-fellowships only | 2024/08/06 | 2029/07/31 | \$373,692   | \$373,692   | \$57,158    | \$373,692 |
| 960 | F32AI176721 | 5F32AI176721-02   | RHODE ISLAND HOSPITAL                   | Vitamin A Status and its Relationship to S. mansoni Infection Intensity and Environmental Enteric Dysfunction in Preschool-Aged Children Receiving Treatment for Schistosomiasis in Uganda | COLT, SUSANNAH            | Awarded. Fellowships only     | 2023/12/12 | 2026/12/11 | \$157,247   | \$157,247   | \$103,235   | \$81,256  |
| 961 | F32GM147968 | 5F32GM147968-03   | UNIVERSITY OF CHICAGO                   | Development of evolutionary technologies to reprogram protein-protein interactions   | STYLES, MATTHEW J         | Awarded. Fellowships only     | 2022/11/16 | 2025/11/15 | \$218,214   | \$218,214   | \$177,864   | \$76,756  |
| 962 | F31AI174488 | 5F31AI174488-02   | VANDERBILT UNIVERSITY                   | The roles of fosfomycin resistant subpopulations of Escherichia coli in urinary tract infection.   | BERMUDEZ, TOMAS ALEXANDER | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$66,244    | \$66,244    | \$59,058    | \$33,762  |
| 963 | F31AG082606 | 5F31AG082606-02   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Mitochondrial-encoded immunity in restoring macrophage homeostasis under age-related metabolic stress  | RICE, MICHELLE C          | Awarded. Fellowships only     | 2023/08/15 | 2025/08/14 | \$96,668    | \$96,668    | \$71,473    | \$48,974  |
| 964 | T32AI184340 | 1T32AI184340-01   | UNIVERSITY OF TEXAS SAN ANTONIO         | MMI-T32 Training Pre-doctoral Scientists in Molecular Microbiology and Immunology at UTSA  | CARDONA, ASTRID E         | Awarded. Non-fellowships only | 2024/07/05 | 2029/06/30 | \$142,599   | \$142,599   | \$94,772    | \$142,599 |
| 965 | T32CA009142 | 5T32CA009142-45   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Molecular Epidemiology Cancer Training Program   | ZHANG, ZUO-FENG           | Awarded. Non-fellowships only | 1980/07/01 | 2025/08/31 | \$1,300,937 | \$1,300,937 | \$1,166,832 | \$302,326 |
| 966 | T32CA009172 | 5T32CA009172-49   | DANA-FARBER CANCER INST                 | Physician Scientist Training in Cancer Research  | DECAPRIO, JAMES A         | Awarded. Non-fellowships only | 1978/07/01 | 2027/06/30 | \$1,339,313 | \$1,339,313 | \$1,281,372 | \$444,800 |
| 967 | T34GM150449 | 1T34GM150449-01A1 | UNIVERSITY OF MEMPHIS                   | Bridges to Baccalaureate Research Training Program at The University of Memphis  | DE JONGH CURRY, AMY L     | Awarded. Non-fellowships only | 2024/08/01 | 2029/07/31 | \$100,039   | \$100,039   | \$6,248     | \$100,039 |
| 968 | F32HL170741 | 5F32HL170741-02   | STANFORD UNIVERSITY                     | Temporospatial Single-Cell Characterization of Angiogenesis and Myocardial Regeneration in Small and Large Mammals   | ELDE, STEFAN              | Awarded. Fellowships only     | 2023/08/10 | 2025/08/09 | \$159,984   | \$159,984   | \$67,486    | \$83,932  |
| 969 | F31DA059253 | 5F31DA059253-02   | YALE UNIVERSITY                         | Innovations in Modeling Existing and Emerging Policies to Improve Warning Systems for Opioid Overdoses   | RAM, ARCHANA              | Awarded. Fellowships only     | 2023/09/26 | 2026/09/25 | \$96,668    | \$96,668    | \$58,710    | \$48,974  |
| 970 | F31HL170636 | 5F31HL170636-02   | UNIVERSITY OF CINCINNATI                | HuR-Wisp1 signaling in cardiac fibroblasts   | PARKINS, SHARON           | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$96,640    | \$96,640    | \$67,614    | \$48,960  |

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|-----|-------------|-------------------|--|---|--------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 971 | T32HL170975 | 1T32HL170975-01A1 | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | LYMphatics in Pathology and Health (LYMPH)  | MUTHUCHAMY, MARIAPPAN    | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$89,436  | \$89,436  | \$48,598  | \$89,436  |
| 972 | F31DC021618 | 5F31DC021618-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Influence of T-Stellate Cell Input on Sound Processing in the Inferior Colliculus   | HERRERA, YOANI NATALIE   | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$83,374  | \$83,374  | \$83,374  | \$42,555  |
| 973 | F30AG080885 | 5F30AG080885-03   | VANDERBILT UNIVERSITY                    | Computational drug repurposing for Alzheimers disease   | GRABOWSKA, MONIKA ELIANA | Awarded. Fellowships only     | 2022/12/01 | 2026/11/30 | \$121,152 | \$121,152 | \$78,333  | \$53,974  |
| 974 | F31AI172279 | 5F31AI172279-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Using strain history to improve prediction of the evolution of antimicrobial resistance in Acinetobacter baumannii                | ROKES, ALECIA BARBARA    | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668  | \$96,668  | \$51,763  | \$48,974  |
| 975 | F30HL165803 | 5F30HL165803-02   | ARKANSAS CHILDREN'S HOSPITAL RES INST    | Altered miRNA Expression Drives Proliferation of Lymphatic Malformation by Activating Pro-Growth Signaling Cascades               | SUN, RAVI                | Awarded. Fellowships only     | 2023/08/25 | 2027/08/24 | \$77,356  | \$77,356  | \$60,988  | \$39,354  |
| 976 | F31HL168986 | 5F31HL168986-02   | LOUISIANA STATE UNIV A&M COL BATON ROUGE | NLRP10 Inflammasome in Gram-positive Sepsis   | LE, JOHN                 | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$85,552  | \$85,552  | \$71,807  | \$43,416  |
| 977 | F31GM150206 | 5F31GM150206-02   | STATE UNIVERSITY NEW YORK STONY BROOK    | Interpreting Bone Morphogenetic Protein Gradients in Vertebrate Development   | TELLO, COURTNEY          | Awarded. Fellowships only     | 2023/09/23 | 2025/09/22 | \$81,274  | \$81,274  | \$57,278  | \$41,277  |
| 978 | T32DA061087 | 1T32DA061087-01   | JOHNS HOPKINS UNIVERSITY                 | Elevating Indigenous Wellbeing through Assets-Based Prevention Science (ELEVATE) Training Program                                 | HAROZ, EMILY             | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$167,076 | \$167,076 | \$39,334  | \$167,076 |
| 979 | T32HL175583 | 1T32HL175583-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Academic Learning Health System Preventions for Promoting Health Equity (aLHS-PRE) Predoctoral Training Program                   | TOOZE, JANET A           | Awarded. Non-fellowships only | 2024/08/01 | 2029/07/31 | \$279,071 | \$279,071 | \$0       | \$279,071 |
| 980 | T32CA282026 | 1T32CA282026-01A1 | STANFORD UNIVERSITY                      | Genetic and Environmental basis of Cancer Risk and Disparities (GECaRD)   | WITTE, JOHN S            | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$166,428 | \$166,428 | \$78,849  | \$166,428 |
| 981 | T32CA092203 | 2T32CA092203-21A1 | DANA-FARBER CANCER INST                  | Training in Oncology Population Sciences (TOPS)   | MACK, JENNIFER W         | Awarded. Non-fellowships only | 2002/09/01 | 2029/08/31 | \$573,509 | \$573,509 | \$288,477 | \$573,509 |
| 982 | F31AI172377 | 5F31AI172377-02   | EMORY UNIVERSITY                         | Differentiation of memory B cells requires EZH2 and epigenetic remodeling   | WIGGINS, KEENAN          | Awarded. Fellowships only     | 2023/06/23 | 2026/06/22 | \$96,668  | \$96,668  | \$65,564  | \$48,974  |
| 983 | T90DA059112 | 5T90DA059112-02   | BRANDEIS UNIVERSITY                      | Undergraduate and Graduate Training in Computational Neuroscience and Data Analysis   | MILLER, PAUL             | Awarded. Non-fellowships only | 2023/09/15 | 2028/06/30 | \$438,006 | \$438,006 | \$344,056 | \$222,768 |
| 984 | F31CA284751 | 5F31CA284751-02   | WASHINGTON UNIVERSITY                    | Targeting Nonsense-Mediated RNA Decay in Splicing Factor Mutant Myeloid Malignancies.   | CABRERA, CLAUDIA         | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$68,572  | \$68,572  | \$53,077  | \$34,926  |
| 985 | F30CA278348 | 5F30CA278348-02   | UNIVERSITY OF UTAH                       | Metabolic Obesity Phenotypes and Obesity-related Cancer Survival  | WINN, MACI               | Awarded. Fellowships only     | 2023/12/01 | 2027/11/30 | \$89,820  | \$89,820  | \$69,286  | \$53,974  |
| 986 | T90DA060116 | 5T90DA060116-02   | CARNEGIE-MELLON UNIVERSITY               | Interdisciplinary Training in Computational Neuroscience  | CHASE, STEVEN M          | Awarded. Non-fellowships only | 2023/09/15 | 2028/06/30 | \$438,006 | \$438,006 | \$309,407 | \$222,768 |
| 987 | F31NS129242 | 5F31NS129242-02   | UNIVERSITY OF PENNSYLVANIA               | The Role of H3K79 Methylation and Dot1L in Neuronal Function and Neurodevelopmental Disorders                                     | MARONI, MARISSA          | Awarded. Fellowships only     | 2023/09/01 | 2025/09/30 | \$84,345  | \$84,345  | \$74,002  | \$36,651  |
| 988 | F32MH135636 | 5F32MH135636-02   | EMORY UNIVERSITY                         | Mechanisms of microRNA dysregulation in Fragile X Syndrome  | KOSTI, ADAM              | Awarded. Fellowships only     | 2023/09/13 | 2026/09/12 | \$146,256 | \$146,256 | \$110,952 | \$76,756  |
| 989 | F32DK137551 | 5F32DK137551-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Identifying Facilitators and Barriers to Home Dialysis and Living Donor Kidney Transplantation among Adolescents and Young Adults | BICKI, ALEXANDRA         | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$180,016 | \$180,016 | \$90,528  | \$89,488  |
| 990 | F32EY034778 | 5F32EY034778-02   | CORNELL UNIVERSITY                       | Transposon control as a checkpoint during regeneration  | ANGILERI, KRISTA MARIE   | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$150,684 | \$150,684 | \$83,792  | \$78,892  |
| 991 | F30AI155292 | 5F30AI155292-04   | UNIVERSITY OF MINNESOTA                  | The adaptive host response to latent cryptococcosis   | DING, MINNA              | Awarded. Fellowships only     | 2021/11/01 | 2025/10/31 | \$164,357 | \$164,357 | \$135,815 | \$33,642  |

|       |             |                 |   |   |  |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|---|--|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 992   | F31CA275318 | 5F31CA275318-02 | UNIVERSITY OF TEXAS AT AUSTIN           | Targeting Metabolic Vulnerabilities with Synergistic Therapeutic Agents for Treatment of Metastatic Castration-Resistant Prostate Cancer.                                 | HACKMAN, GABRELLE LAVENDER               | Awarded. Fellowships only     | 2023/08/21 | 2026/08/20 | \$77,798    | \$77,798    | \$63,944    | \$39,539  |
| 993   | F31EY035538 | 5F31EY035538-02 | OREGON HEALTH & SCIENCE UNIVERSITY      | Genetic analysis of the Robo3+ glycinergic amacrine cell  | MENN, ARIELLE                            | Awarded. Fellowships only     | 2023/09/15 | 2026/09/14 | \$102,168   | \$102,168   | \$73,378    | \$51,974  |
| 994   | F31EY034030 | 5F31EY034030-03 | GEORGE WASHINGTON UNIVERSITY            | Neural mechanisms of semantic guidance of audiovisual attention   | WEGNER-CLEMENS, KIRA                     | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$105,621   | \$48,974  |
| 995   | F31HD105407 | 5F31HD105407-04 | JOHNS HOPKINS UNIVERSITY                | Molecular Mechanisms of Leydig Cell Regeneration  | JEFFERY, JASMIN LAKIA                    | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$189,456   | \$189,456   | \$178,493   | \$48,974  |
| 996   | T32AR007592 | 5T32AR007592-29 | UNIVERSITY OF MARYLAND BALTIMORE        | Interdisciplinary Training Program in Muscle Biology  | KONTROGIANNI-KONSTANTOPOULOS, AIKATERINI | Awarded. Non-fellowships only | 1996/05/01 | 2026/08/31 | \$1,797,825 | \$1,797,825 | \$1,280,616 | \$290,339 |
| 997   | T32AG082631 | 5T32AG082631-02 | UNIVERSITY OF ARIZONA                   | Translational Research in Alzheimers Disease and related Dementias (TRADD)  | BRINTON, ROBERTA EILEEN                  | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$600,213   | \$600,213   | \$553,200   | \$305,754 |
| 998   | F31MH134723 | 5F31MH134723-02 | UNIVERSITY OF PENNSYLVANIA              | Stress Granule Formation in the Antiretroviral-Mediated Dysregulation of Oligodendrocyte Maturation in HIV-HAND   | VON KRUSENSTIERN, ELIANA VERA            | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$90,837    | \$48,974  |
| 999   | T32DK137523 | 5T32DK137523-02 | UNIVERSITY OF HAWAII AT MANOA           | The Hawaii Advanced Training in Artificial Intelligence for Precision Nutrition Science Research (AIPrN)  | DENG, YOUNG                              | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$775,906   | \$775,906   | \$313,008   | \$465,779 |
| 1,000 | F31CA271463 | 5F31CA271463-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Deciphering the functional role of recurrent PPP2R1A mutations on endometrial metastasis  | HAANEN, TERRANCE JAMES                   | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$82,928    | \$82,928    | \$59,365    | \$42,114  |
| 1,001 | F31GM148069 | 5F31GM148069-03 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Enzymatic Mechanism of Polysaccharide Length Control by Gltf2   | CARTER, ALAN WYLDE                       | Awarded. Fellowships only     | 2022/08/18 | 2025/08/17 | \$143,420   | \$143,420   | \$102,306   | \$48,974  |
| 1,002 | F30HL165806 | 5F30HL165806-03 | UNIVERSITY OF UTAH                      | A novel mechanism of mitochondrial protein turnover in Complex I deficient mitochondrial cardiomyopathy   | CVRTI, SANDRA HYUNJOO                    | Awarded. Fellowships only     | 2022/09/30 | 2027/09/29 | \$114,839   | \$114,839   | \$103,768   | \$39,447  |
| 1,003 | T32HL105324 | 5T32HL105324-15 | UNIVERSITY OF MISSISSIPPI MED CTR       | Hypertension and Cardiorenal Diseases Research Training Program   | GRANGER, JOEY P                          | Awarded. Non-fellowships only | 2010/09/20 | 2025/08/31 | \$2,528,778 | \$2,528,778 | \$2,409,431 | \$624,981 |
| 1,004 | F31HL165833 | 5F31HL165833-03 | UNIVERSITY OF PENNSYLVANIA              | Investigating thrombocytopenia absent radius syndrome during primitive and definitive hematopoiesis using an induced pluripotent stem cell model                          | NATIONS, CATRIANA                        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$131,182   | \$131,182   | \$117,938   | \$36,736  |
| 1,005 | F31ES035282 | 5F31ES035282-02 | UNIVERSITY OF CALIFORNIA AT DAVIS       | Investigating the cellular and molecular mechanisms of lower-chlorinated polychlorinated biphenyl developmental neurotoxicity   | BADLEY, JESSIE RENEE                     | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$81,856    | \$81,856    | \$62,790    | \$41,568  |
| 1,006 | F30CA275349 | 5F30CA275349-02 | UNIVERSITY OF MISSOURI-COLUMBIA         | Molecular engineering and systematic evaluation of bispecific aptamers to develop potent and efficacious therapies for the immunomodulation of Non-Small Cell Lung Cancer | THOMAS, BRIAN J                          | Awarded. Fellowships only     | 2023/08/21 | 2027/08/20 | \$68,036    | \$68,036    | \$51,752    | \$34,658  |
| 1,007 | F31NS134125 | 5F31NS134125-02 | BAYLOR COLLEGE OF MEDICINE              | Role of TRIM46 in neuronal polarity in vivo   | MELTON, ALLISON JACQUELINE               | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$83,713    | \$48,974  |
| 1,008 | T32HL160508 | 5T32HL160508-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Multidisciplinary Research Training in Pediatric Pulmonary Vascular Disease   | FINEMAN, JEFFREY R                       | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$1,122,022 | \$1,122,022 | \$795,895   | \$387,294 |
| 1,009 | T32EB021955 | 5T32EB021955-08 | WASHINGTON UNIVERSITY                   | Training Opportunities in Translational Imaging Education and Research (TOP-TIER)   | WOODARD, PAMELA K                        | Awarded. Non-fellowships only | 2017/08/07 | 2027/07/31 | \$747,527   | \$747,527   | \$663,729   | \$249,428 |
| 1,010 | F32GM151792 | 5F32GM151792-02 | YALE UNIVERSITY                         | Defining a role for the mitochondrial protein sulfite oxidase in nucleolar ribosome biogenesis  | SUTTON, EMILY CATHERINE                  | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$146,256   | \$146,256   | \$114,109   | \$76,756  |
| 1,011 | F31AI183996 | 1F31AI183996-01 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Viral miRNA Essentiality in Primary Effusion Lymphoma   | ORTEGA, JESUS ANGEL                      | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$44,187    | \$44,187    | \$32,908    | \$44,187  |

|       |             |                 |                                      |  |                         |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--------------------------------------|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,012 | F31AI183967 | 1F31AI18397-01  | CASE WESTERN RESERVE UNIVERSITY      | m6A Modification of HIV RNA Affects its Post-transcriptional Processing  | HONEYCUTT, ETHAN        | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$19,816    | \$48,974  |
| 1,013 | F32GM151833 | 5F32GM151833-02 | UNIVERSITY OF CALIFORNIA AT DAVIS    | Investigating the connection between aberrant R-loop formation and genome instability  | VIERA, TALYSA C         | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$146,256   | \$146,256   | \$119,583   | \$76,756  |
| 1,014 | F30AG081091 | 5F30AG081091-02 | UNIVERSITY OF ILLINOIS AT CHICAGO    | Evaluating autophagy modulation as a therapeutic strategy for Alzheimers Disease using human neuronal culture models                               | SNEAD, AMANDA           | Awarded. Fellowships only     | 2023/08/16 | 2027/08/15 | \$106,668   | \$106,668   | \$96,122    | \$53,974  |
| 1,015 | T32HG009495 | 5T32HG009495-08 | UNIVERSITY OF PENNSYLVANIA           | Postdoctoral Training Program in Genomic Medicine  | NATHANSON, KATHERINE L  | Awarded. Non-fellowships only | 2017/07/21 | 2027/06/30 | \$1,228,129 | \$1,228,129 | \$1,285,112 | \$426,083 |
| 1,016 | F30AG077799 | 5F30AG077799-02 | STANFORD UNIVERSITY                  | Mechanisms underlying a decline in neural stem cell migration during aging   | ZHOU, OLIVIA YU         | Awarded. Fellowships only     | 2023/09/15 | 2026/12/14 | \$81,616    | \$81,616    | \$63,880    | \$41,448  |
| 1,017 | T35OD016477 | 5T35OD016477-22 | MICHIGAN STATE UNIVERSITY            | Short-term biomedical research training program for veterinary students  | HEGG, COLLEEN COSGROVE  | Awarded. Non-fellowships only | 2013/04/01 | 2028/08/31 | \$226,313   | \$226,313   | \$116,366   | \$111,833 |
| 1,018 | T32CA009672 | 5T32CA009672-33 | UNIVERSITY OF MICHIGAN AT ANN ARBOR  | University of Michigan Surgical Oncology Research Training Program   | ZOU, WEIPING            | Awarded. Non-fellowships only | 1991/07/01 | 2027/07/31 | \$781,444   | \$781,444   | \$631,440   | \$257,366 |
| 1,019 | F31NR020847 | 5F31NR020847-02 | EMORY UNIVERSITY                     | Prenatal Epigenetics: Trauma and Outcomes of Labor Dysfunction   | BRITT, ABBY             | Awarded. Fellowships only     | 2023/08/18 | 2025/08/17 | \$96,668    | \$96,668    | \$72,987    | \$48,974  |
| 1,020 | T32HL161270 | 5T32HL161270-03 | STANFORD UNIVERSITY                  | Cardiovascular and Chronic Disease Prevention Training Program   | GARDNER, CHRISTOPHER D  | Awarded. Non-fellowships only | 2022/09/01 | 2027/08/31 | \$1,447,438 | \$1,447,438 | \$1,062,343 | \$586,580 |
| 1,021 | T32CA009512 | 5T32CA009512-35 | SLOAN-KETTERING INST CAN RESEARCH    | Clinical Scholars Biomedical Research Training Program   | CHI, PING               | Awarded. Non-fellowships only | 1985/02/01 | 2028/08/31 | \$512,045   | \$512,045   | \$436,527   | \$149,428 |
| 1,022 | T32CA094186 | 5T32CA094186-22 | CASE WESTERN RESERVE UNIVERSITY      | Computational Genomic Epidemiology of Cancer (CoGEC) Training Program  | XU, RONG                | Awarded. Non-fellowships only | 2017/08/01 | 2028/08/31 | \$526,618   | \$526,618   | \$337,609   | \$227,204 |
| 1,023 | F31CA284760 | 5F31CA284760-02 | JOHNS HOPKINS UNIVERSITY             | Defining the changing microbiome composition and host-microbe mechanistic effects following Apc inactivation during colorectal cancer pathogenesis | DZIEROZYNSKI, LINDSEY   | Awarded. Fellowships only     | 2023/09/16 | 2026/09/15 | \$96,668    | \$96,668    | \$80,226    | \$48,974  |
| 1,024 | T32HL007829 | 5T32HL007829-31 | UNIVERSITY OF ILLINOIS AT CHICAGO    | Training Program in Lung Biology and Pathobiology  | MEHTA, DOLLY            | Awarded. Non-fellowships only | 1995/07/01 | 2025/07/31 | \$3,793,362 | \$3,793,362 | \$3,261,810 | \$655,808 |
| 1,025 | T32HL155005 | 5T32HL155005-04 | CLEVELAND CLINIC LERNER COM-CWRU     | Supporting Multidisciplinary Achievement in Respiratory Research Training (SMARTT)   | DWEIK, RAED A           | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,237,951 | \$1,237,951 | \$978,743   | \$361,755 |
| 1,026 | T32HL149637 | 5T32HL149637-05 | OHIO STATE UNIVERSITY                | Postdoctoral Training in Cardiometabolic Science   | HSUEH, WILLA A          | Awarded. Non-fellowships only | 2020/09/01 | 2025/08/31 | \$1,508,073 | \$1,508,073 | \$1,222,825 | \$206,693 |
| 1,027 | F32GM151836 | 5F32GM151836-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES | Development of excited-state bond homolysis as a key step for Ni catalysis   | CUSUMANO, ALEXANDER     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$142,968   | \$142,968   | \$113,325   | \$74,284  |
| 1,028 | T32AG000029 | 5T32AG000029-48 | DUKE UNIVERSITY                      | Behavior and Physiology in Aging   | COHEN, HARVEY JAY       | Awarded. Non-fellowships only | 1984/07/01 | 2025/08/31 | \$2,022,408 | \$2,022,408 | \$1,572,784 | \$213,752 |
| 1,029 | F32DK135401 | 5F32DK135401-02 | UNIVERSITY OF PENNSYLVANIA           | Identifying the contribution of a brainstem circuit to compulsive food seeking   | SMITH, NICHOLAS K       | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$146,364   | \$146,364   | \$126,820   | \$74,284  |
| 1,030 | F31CA271676 | 5F31CA271676-03 | OREGON HEALTH & SCIENCE UNIVERSITY   | Mechanisms of Neoplastic Hybrid Cell Dissemination in Colorectal Cancer  | ANDERSON, ASHLEY NICOLE | Awarded. Fellowships only     | 2022/09/08 | 2026/09/07 | \$123,198   | \$123,198   | \$93,726    | \$44,206  |
| 1,031 | T32CA121938 | 5T32CA121938-18 | UNIVERSITY OF CALIFORNIA, SAN DIEGO  | UCSD Cancer Center Training Program in Drug Development  | BOUVET, MICHAEL         | Awarded. Non-fellowships only | 2006/07/01 | 2027/06/30 | \$1,976,459 | \$1,976,459 | \$1,304,510 | \$660,886 |
| 1,032 | F31DA060069 | 5F31DA060069-02 | UNIVERSITY OF MINNESOTA              | Resolving the role of VTA dopamine and GABA neurons in associative learning  | STELZNER, MARGARET E    | Awarded. Fellowships only     | 2023/09/01 | 2026/05/31 | \$71,186    | \$71,186    | \$62,368    | \$36,233  |
| 1,033 | T32CA251007 | 5T32CA251007-05 | UNIVERSITY OF CALIFORNIA AT DAVIS    | UC Davis Comparative Oncology Training Program   | CHEN, XINBIN            | Awarded. Non-fellowships only | 2020/09/01 | 2025/08/31 | \$1,616,911 | \$1,616,911 | \$1,171,089 | \$124,734 |
| 1,034 | F30DK134046 | 5F30DK134046-03 | VANDERBILT UNIVERSITY                | Proximal Tubule Targeted Gene Therapy for Cystinuria   | PEEK, JENNIFER          | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$118,101   | \$118,101   | \$86,780    | \$53,351  |

|       |             |                   |  |  |                              |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,035 | T32GM136554 | 5T32GM136554-05   | BAYLOR COLLEGE OF MEDICINE               | The Clinical Translational Research Certificate of Added Qualification Program   | VAN DEN VEYVER, IGNATIA B    | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,120,422 | \$2,120,422 | \$2,007,866 | \$403,158 |
| 1,036 | F31DE032886 | 5F31DE032886-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Spatial regulation of mechanistic target of rapamycin complex 1 (mTORC1) and its role in oral squamous cell carcinoma                    | SAHAN, AYSE ZISAN            | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$85,158    | \$85,158    | \$71,990    | \$43,669  |
| 1,037 | F31DA056217 | 5F31DA056217-02   | BOSTON UNIVERSITY MEDICAL CAMPUS         | The role of Zhx2 in CYP2D regulation, oxycodone metabolism, and opioid addiction model behaviors.  | LYNCH, WILLIAM               | Awarded. Fellowships only     | 2023/08/08 | 2026/07/31 | \$96,668    | \$96,668    | \$45,429    | \$48,974  |
| 1,038 | T35HL007690 | 5T35HL007690-40   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Short Term Biomedical Research Training Program for Students   | FLAHERTY, KEVIN R            | Awarded. Non-fellowships only | 1980/05/01 | 2025/08/31 | \$732,738   | \$732,738   | \$834,854   | \$102,276 |
| 1,039 | F30HD111307 | 5F30HD111307-02   | UNIVERSITY OF VIRGINIA                   | Localized mitochondrial metabolic activity in Xenopus mesendoderm cells undergoing collective cell migration                             | PACHECO, GUSTAVO GAVREL      | Awarded. Fellowships only     | 2023/09/01 | 2027/11/15 | \$74,394    | \$74,394    | \$55,230    | \$37,837  |
| 1,040 | F31MH135662 | 1F31MH135662-01A1 | EMORY UNIVERSITY                         | Identifying the Neural Substrates of Novelty-Related Social Investigation  | DYKSTRA, BENJAMIN FORREST    | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974    | \$48,974    | \$35,916    | \$48,974  |
| 1,041 | F31AG090069 | 1F31AG090069-01   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Cell autonomous and cell non-autonomous roles for mitochondrial proline catabolism in health and longevity                               | RAMOS, MARIA CARMEN          | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$42,014    | \$42,014    | \$27,328    | \$42,014  |
| 1,042 | F31CA275321 | 5F31CA275321-03   | HARVARD SCHOOL OF PUBLIC HEALTH          | Investigating the role of apoptosis regulation in cancer therapy-induced vascular toxicities   | FLORIDO, MARY HEATHER CELINE | Awarded. Fellowships only     | 2022/12/01 | 2025/11/30 | \$115,520   | \$115,520   | \$89,309    | \$35,183  |
| 1,043 | F31DC022190 | 1F31DC022190-01   | JOHNS HOPKINS UNIVERSITY                 | Cortical and subcortical dynamics in the central auditory system across learning and overtraining  | KIM, SU JIN                  | Awarded. Fellowships only     | 2024/08/16 | 2027/12/14 | \$48,974    | \$48,974    | \$40,316    | \$48,974  |
| 1,044 | F31HL170616 | 5F31HL170616-02   | PENNSYLVANIA STATE UNIVERSITY, THE       | The Role of Thromboxane A2 in Vascular Regulation in Women with Endometriosis  | WILLIAMS, AUNI               | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$95,238    | \$95,238    | \$68,155    | \$48,259  |
| 1,045 | F31NS130898 | 5F31NS130898-03   | OREGON HEALTH & SCIENCE UNIVERSITY       | Investigating the role of cannabinoid receptors in oligodendrocyte development   | MIRAMONTES, TANIA G          | Awarded. Fellowships only     | 2023/02/01 | 2025/12/31 | \$143,290   | \$143,290   | \$102,562   | \$46,622  |
| 1,046 | F31AG081129 | 5F31AG081129-03   | EMORY UNIVERSITY                         | The effect of aging and cognitive impairment on prefrontal cortical inputs to motor cortical outputs during standing balance control     | MASON, CATHERINE FRANCOISE   | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$145,642   | \$145,642   | \$116,548   | \$48,974  |
| 1,047 | F31DE034904 | 1F31DE034904-01   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | Early-Stage Autoimmunity in Sjögrens Disease and Systemic Lupus Erythematosus  | WOOD, REBECCA ADEN           | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$36,806    | \$36,806    | \$18,816    | \$36,806  |
| 1,048 | F30CA284534 | 5F30CA284534-02   | JOHNS HOPKINS UNIVERSITY                 | Investigating tRNA biology as a prognostic and oncogenic feature in pancreatic adenocarcinoma  | KAWALERSKI, RYAN             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$106,668   | \$106,668   | \$106,668   | \$53,974  |
| 1,049 | F32GM149173 | 5F32GM149173-02   | PENNSYLVANIA STATE UNIVERSITY, THE       | Elucidating the Role of Cobalamin in BchE, a B12-Binding Radical SAM Enzyme  | YORK, NICHOLAS JAMES         | Awarded. Fellowships only     | 2023/11/01 | 2025/10/31 | \$146,256   | \$146,256   | \$97,449    | \$76,756  |
| 1,050 | F31AI186483 | 1F31AI186483-01   | VANDERBILT UNIVERSITY                    | Elucidating RNA determinants for reovirus packaging  | FLORES, ALEJANDRA            | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$34,370    | \$34,370    | \$24,022    | \$34,370  |
| 1,051 | F31AG085891 | 1F31AG085891-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Elucidating the roles of AMPylation and TGF-Beta signaling on eliciting the pro-health and longevity benefits of dietary restriction     | URBAN, NICHOLAS DAVID        | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$42,094    | \$42,094    | \$32,082    | \$42,094  |
| 1,052 | F31AI186511 | 1F31AI186511-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Biofilm antigens drive natural immunity to Streptococcus pneumoniae.   | LANE, JESSICA R              | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$42,604    | \$42,604    | \$18,108    | \$42,604  |
| 1,053 | F31HD111109 | 5F31HD111109-03   | HARVARD MEDICAL SCHOOL                   | Illuminating the distribution of extreme evolutionary constraint in the human genome from fetal demise to severe developmental disorders | WANG, LILY                   | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$120,010   | \$120,010   | \$95,959    | \$36,796  |
| 1,054 | F31NS129207 | 5F31NS129207-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | The role of meningeal immune cells in the efficacy of CGRP-based migraine therapies  | ADI, TALIA                   | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$145,642   | \$145,642   | \$122,854   | \$48,974  |
| 1,055 | T32DK007191 | 3T32DK007191-50S1 | MASSACHUSETTS GENERAL HOSPITAL           | Research Training in Digestive Diseases  | CHUNG, RAYMOND T             | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$2,881,305 | \$2,881,305 | \$2,490,154 | \$99,227  |

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|-------|-------------|-------------------|--|---|----------------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,056 | F31HL176100 | 1F31HL176100-01   | CARNEGIE-MELLON UNIVERSITY               | Expedited Assessment of Environment-induced Respiratory Ciliopathies Leveraging Motile Apical-out Airway Organoids                      | BHATTARAM, DHRUV                 | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$48,974  | \$48,974  | \$15,507  | \$48,974  |
| 1,057 | F31HD116585 | 1F31HD116585-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Variability in the Perinatal Hormone Environment and Risk of Autism Spectrum Disorder   | DELAHANTY, MICHELLE TERESE       | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$41,136  | \$41,136  | \$29,658  | \$41,136  |
| 1,058 | F31HL176174 | 1F31HL176174-01   | UNIVERSITY OF CALIFORNIA-IRVINE          | JAK2V617F transactivation of JAK1 mediates constitutive activation of IL-10R signaling  | WADLEY, WILLIAM LUCAS PAREDES    | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$41,539  | \$41,539  | \$22,080  | \$41,539  |
| 1,059 | T32HL007287 | 2T32HL007287-46A1 | UNIVERSITY OF WASHINGTON                 | Pulmonary and Critical Care Medicine Research Training Grant  | GLENNY, ROBB W                   | Awarded. Non-fellowships only | 1994/07/01 | 2030/01/31 | \$766,374 | \$766,374 | \$13,743  | \$766,374 |
| 1,060 | F31AI176804 | 1F31AI176804-01A1 | UNIVERSITY OF CALIFORNIA SANTA CRUZ      | How ribosomal silencing promotes chronic infection of the gastric pathogen Helicobacter pylori  | ELSHENAWI, YASMINE               | Awarded. Fellowships only     | 2024/07/29 | 2025/07/28 | \$41,873  | \$41,873  | \$41,866  | \$41,873  |
| 1,061 | F31GM156062 | 1F31GM156062-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Investigating the role of TBC1D19 in microtubule dynamics, ciliation and organelle morphology   | COLLADO, LOREN                   | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974  | \$48,974  | \$39,018  | \$48,974  |
| 1,062 | F32DK141214 | 1F32DK141214-01   | BOSTON CHILDREN'S HOSPITAL               | Discovering the Consequences of Genetic Variation in Nephrin on Kidney Diseases and Traits in Biobank Populations                       | BANERJI, ADRIAN OLAF             | Awarded. Fellowships only     | 2024/07/17 | 2026/07/16 | \$87,064  | \$87,064  | \$58,531  | \$87,064  |
| 1,063 | F31NS131055 | 5F31NS131055-03   | NORTHWESTERN UNIVERSITY AT CHICAGO       | The role of ER-phagy in maintaining protein homeostasis in PD patient derived neurons.  | ZALON, ANNIE                     | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$145,642 | \$145,642 | \$107,667 | \$48,974  |
| 1,064 | F30AR081690 | 5F30AR081690-04   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES   | Investigating the epidermal microenvironment in melanoblast migration and invasion: a novel approach to understanding invasive melanoma | RICHARDS, DENAY                  | Awarded. Fellowships only     | 2023/01/01 | 2027/12/31 | \$159,500 | \$138,367 | \$84,393  | \$53,974  |
| 1,065 | F31AA031424 | 1F31AA031424-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Identifying the Neurophysiological Phenotypes that Contribute to Alcohol-Related Blackout Susceptibility                                | ELLIOTT, GRACE MAE               | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$40,441  | \$40,441  | \$36,305  | \$40,441  |
| 1,066 | F31CA295073 | 1F31CA295073-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Development and characterization of self-amplifying RNA Lipid Nanoparticles for potent and multiplex gene expression in solid tumors    | NAMBIAR, ARUN KANNOTH            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$40,671  | \$40,671  | \$21,168  | \$40,671  |
| 1,067 | F31EY036722 | 1F31EY036722-01   | AUGUSTA UNIVERSITY                       | Interaction of Genetic and Environmental Factors in Keratoconus   | HADVINA, RACHEL                  | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$21,060  | \$48,974  |
| 1,068 | F30CA268842 | 5F30CA268842-04   | UNIVERSITY OF VIRGINIA                   | Mechanisms of perivascular melanoma dispersal and survival in the brain   | WANG, SARAH C                    | Awarded. Fellowships only     | 2022/01/01 | 2025/12/31 | \$179,668 | \$179,668 | \$143,730 | \$53,974  |
| 1,069 | F32NS131266 | 5F32NS131266-02   | YALE UNIVERSITY                          | Interrogating Dynamic Regulation of Pre-Synaptic Release Probability In Vivo  | PATEL, PARAS                     | Awarded. Fellowships only     | 2023/12/01 | 2026/07/31 | \$151,736 | \$151,736 | \$93,041  | \$73,828  |
| 1,070 | F32GM146425 | 5F32GM146425-03   | UNIVERSITY OF CALIFORNIA BERKELEY        | Catalyst- and Reagent-Guided Selective Alkyl C-H Bond Functionalization   | D'ANGELO, KYAN ANTHONY           | Awarded. Fellowships only     | 2023/02/15 | 2026/02/14 | \$220,120 | \$220,120 | \$159,208 | \$76,756  |
| 1,071 | F31HL176090 | 1F31HL176090-01   | EMORY UNIVERSITY                         | CD8+ TRM Development and Maintenance in the Upper Respiratory Tract   | KOST, KIRSTEN                    | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$48,974  | \$48,974  | \$33,150  | \$48,974  |
| 1,072 | F31AI186509 | 1F31AI186509-01   | JOHNS HOPKINS UNIVERSITY                 | Modeling Hfq-RNA Dynamics on an Atomistic Scale   | WHITE, ELISE                     | Awarded. Fellowships only     | 2025/01/17 | 2029/02/16 | \$48,974  | \$48,974  | \$18,200  | \$48,974  |
| 1,073 | F31AI176844 | 5F31AI176844-02   | UNIV OF MARYLAND, COLLEGE PARK           | Combinatorial control of TLR signaling using self-assembly of immune signals on microneedle arrays to access the skin niche             | EDWARDS, CAMILLA MARIE           | Awarded. Fellowships only     | 2024/01/01 | 2025/05/31 | \$56,475  | \$56,475  | \$41,584  | \$15,620  |
| 1,074 | F30HD107964 | 5F30HD107964-04   | WEILL MEDICAL COLL OF CORNELL UNIV       | Dissecting the role of serine metabolism in stem cell fate and tissue regeneration  | NOVAK, JESSE STEPHEN SWYER       | Awarded. Fellowships only     | 2021/10/01 | 2025/09/30 | \$210,398 | \$210,398 | \$148,804 | \$53,974  |
| 1,075 | F31HD114429 | 5F31HD114429-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Ontogeny and differentiation of uterine natural killer cells  | GREENE, MORGAN ELIZABETH-CAROLYN | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$83,978  | \$83,978  | \$58,054  | \$42,629  |
| 1,076 | F32AI186544 | 1F32AI186544-01   | UNIVERSITY OF COLORADO DENVER            | Synaptopodin and its role in Shigella flexneri intercellular spread   | HAMILTON, DESMOND J              | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$76,328  | \$76,328  | \$48,570  | \$76,328  |
| 1,077 | F31DE034303 | 1F31DE034303-01   | UNIVERSITY OF FLORIDA                    | Role of FOXX subfamily in KSHV infection  | PALMER, MARLEY                   | Awarded. Fellowships only     | 2024/08/16 | 2027/08/15 | \$44,982  | \$44,982  | \$27,810  | \$44,982  |



|       |             |                   |  |  |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,078 | F32AI174673 | 5F32AI174673-02   | WESTERN MICHIGAN UNIV SCHOOL OF MEDICINE | Sex Specific Regulation of B1 B Cell Self-Renewal and Natural Antibody Production  | WEBSTER, SARAH E           | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$143,164   | \$143,164   | \$108,785   | \$74,084  |
| 1,079 | F31NS135754 | 5F31NS135754-02   | UNIVERSITY OF CINCINNATI                 | Astrocytes mediate priming of spinal nociceptive circuits  | YOO, JUDY JOONHI           | Awarded. Fellowships only     | 2024/01/11 | 2026/01/10 | \$84,643    | \$84,643    | \$53,311    | \$42,460  |
| 1,080 | F31NR021341 | 1F31NR021341-01   | UNIVERSITY OF MIAMI CORAL GABLES         | Effects of Heat Exposure on Maternal and Pregnancy Health: Understanding the Role of Social Determinants and Adaptive Behaviors  | RAMIREZ, JAZMIN            | Awarded. Fellowships only     | 2024/07/15 | 2027/04/01 | \$45,916    | \$45,916    | \$23,870    | \$45,916  |
| 1,081 | F30HL167629 | 5F30HL167629-03   | UT SOUTHWESTERN MEDICAL CENTER           | Unexpected mechanism underlying mislocalization of thrombocytopenia-associated ETV6 point mutation   | MCCONVILLE, MICHAEL R      | Awarded. Fellowships only     | 2023/01/31 | 2026/01/30 | \$125,655   | \$125,655   | \$77,301    | \$46,839  |
| 1,082 | F31MH135623 | 1F31MH135623-01A1 | UNIVERSITY OF KENTUCKY                   | Randomized controlled trial of a single-session mechanism-focused intervention for suicidal thoughts and behaviors   | FRUHBAUEROVA, MARTINA      | Awarded. Fellowships only     | 2024/07/28 | 2026/07/27 | \$48,974    | \$48,974    | \$34,529    | \$48,974  |
| 1,083 | F32GM156029 | 1F32GM156029-01   | UNIVERSITY OF OREGON                     | The role of cortactin-mediated actin branch stabilization in force-producing actin networks  | BILLS, BRODERICK           | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$73,828    | \$73,828    | \$42,614    | \$73,828  |
| 1,084 | F31CA288105 | 1F31CA288105-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Defining the role of NUDT5 in ovarian cancer   | FLORES, ANGELINA MARYBELLE | Awarded. Fellowships only     | 2024/08/16 | 2027/08/15 | \$45,643    | \$45,643    | \$32,317    | \$45,643  |
| 1,085 | F30HD106732 | 5F30HD106732-04   | SALK INSTITUTE FOR BIOLOGICAL STUDIES    | A Novel Technology for Full-Length Gene Replacement Therapy of Duchenne Muscular Dystrophy   | HSU, RYAN HON HEAN         | Awarded. Fellowships only     | 2022/02/01 | 2026/01/13 | \$187,990   | \$187,990   | \$136,176   | \$48,980  |
| 1,086 | F31HL165881 | 5F31HL165881-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | High spatial resolution evaluation of subclinical regions of myocardial dysfunction in adult patients with tetralogy of Fallot   | CRAINE, AMANDA             | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$82,658    | \$82,658    | \$54,655    | \$41,969  |
| 1,087 | F30EY036725 | 1F30EY036725-01   | UNIVERSITY OF CALIFORNIA-IRVINE          | Deep Learning-based retinal optical coherence tomography markers for optic neuropathies  | KHOSRAVI, POOYA            | Awarded. Fellowships only     | 2024/07/11 | 2029/07/10 | \$44,850    | \$44,850    | \$21,896    | \$44,850  |
| 1,088 | F30HL174098 | 1F30HL174098-01A1 | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Engineering a strategy for the preservation and rehabilitation of living allogenic heart valves  | CORDOVES, ELIZABETH MARIE  | Awarded. Fellowships only     | 2024/09/15 | 2027/09/14 | \$50,937    | \$50,937    | \$0         | \$50,937  |
| 1,089 | F32HL176084 | 1F32HL176084-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | The Effects of Ozone-Induced Oxysterols on Thrombotic Risk   | DOBSON, DREVON A           | Awarded. Fellowships only     | 2024/09/11 | 2026/06/11 | \$73,828    | \$73,828    | \$36,662    | \$73,828  |
| 1,090 | F31AR084911 | 1F31AR084911-01   | DUKE UNIVERSITY                          | Social Health Factors Associated with the Transition from Acute to Chronic Low Back Pain   | BURKE, COLLEEN             | Awarded. Fellowships only     | 2024/09/06 | 2027/09/05 | \$48,974    | \$48,974    | \$31,607    | \$48,974  |
| 1,091 | T32AI007502 | 5T32AI007502-29   | STANFORD UNIVERSITY                      | Applied Genomics in Infectious Diseases  | JAGANNATHAN, PRASANNA      | Awarded. Non-fellowships only | 1995/08/01 | 2027/02/28 | \$1,262,041 | \$1,262,041 | \$903,248   | \$345,463 |
| 1,092 | F30HD107939 | 5F30HD107939-04   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | Mitochondrial mRNA structure as a driver of Leigh Syndrome   | MORAN, JOHN CONOR          | Awarded. Fellowships only     | 2022/01/01 | 2025/12/31 | \$212,394   | \$212,394   | \$164,433   | \$53,974  |
| 1,093 | T32HL160494 | 5T32HL160494-04   | DUKE UNIVERSITY                          | Duke Program of Training in Pulmonary ReSearch to Promote, Engage and Retain Academic Researchers (PROSPER)  | PALMER, SCOTT M            | Awarded. Non-fellowships only | 2022/01/01 | 2026/12/31 | \$2,152,330 | \$2,152,330 | \$1,247,467 | \$441,899 |
| 1,094 | F31HD113307 | 5F31HD113307-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Investigating the role of Sumo in piRNA-mediated germline heterochromatin maintenance in C.elegans   | GIRGENRATH, JOHAN          | Awarded. Fellowships only     | 2023/07/07 | 2026/07/06 | \$66,280    | \$66,280    | \$57,422    | \$33,780  |
| 1,095 | F30HL175886 | 1F30HL175886-01   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Loss of resident donor-derived Tregs and the emergence of monocyte-derived alveolar macrophages leads to acute rejection and chronic dysfunction in lung transplant recipients | LUO, LUCY                  | Awarded. Fellowships only     | 2024/09/02 | 2026/09/01 | \$52,897    | \$52,897    | \$23,329    | \$52,897  |
| 1,096 | F31DK141082 | 1F31DK141082-01   | UNIVERSITY OF PENNSYLVANIA               | Paneth cell plasticity and regeneration  | KATADA, KAY                | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$48,974    | \$48,974    | \$38,618    | \$48,974  |
| 1,097 | F32GM155980 | 1F32GM155980-01   | CORNELL UNIVERSITY                       | Discovery and characterization of a novel family of GTPase activating proteins   | VIGNOGNA, RYAN CHRISTOPHER | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$74,284    | \$74,284    | \$41,256    | \$74,284  |

|       |             |                   |   |   |                               |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|---|---|-------------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 1,098 | F31HL176057 | 1F31HL176057-01   | MEDICAL COLLEGE OF WISCONSIN            | Critical Role of Endothelial DRP1 in regulating metabolic, microvascular, and cardiac function                        | GUTIERREZ HUERTA, CRISTHIAN A | Awarded. Fellowships only | 2024/09/30 | 2027/09/29 | \$53,314  | \$53,314  | \$36,255  | \$53,314 |
| 1,099 | F31NS136029 | 1F31NS136029-01A1 | CINCINNATI CHILDRENS HOSP MED CTR       | Regulation of Epileptogenesis by Hippocampal Somatostatin Interneurons in a Model of mTORopathies                     | DRAKE, AUSTIN                 | Awarded. Fellowships only | 2024/07/15 | 2026/06/30 | \$42,574  | \$42,574  | \$0       | \$42,574 |
| 1,100 | F32AI174818 | 5F32AI174818-02   | MICHIGAN STATE UNIVERSITY               | Functional analysis of a novel cell envelope integrity protein in Brucella ovis                                       | ALAKAVUKLAR, MELENE           | Awarded. Fellowships only | 2023/09/01 | 2026/08/31 | \$143,364 | \$143,364 | \$112,030 | \$74,284 |
| 1,101 | F30DE034286 | 1F30DE034286-01   | UNIVERSITY OF FLORIDA                   | Exploring the role of C. albicans oxidative stress pathways in S. mutans reactive oxygen species tolerance            | KATRAK, CALLAHAN KASHMIRA     | Awarded. Fellowships only | 2024/08/16 | 2026/08/15 | \$47,959  | \$47,959  | \$32,463  | \$47,959 |
| 1,102 | F31HL165859 | 5F31HL165859-03   | UNIVERSITY OF ILLINOIS AT CHICAGO       | REGULATION OF BONE MARROW MESENCHYMAL STEM CELLS BY VCAM1   | DI STAULO, ANNA MARISA        | Awarded. Fellowships only | 2023/01/01 | 2025/12/31 | \$125,857 | \$125,857 | \$97,154  | \$42,693 |
| 1,103 | F31AA031435 | 5F31AA031435-02   | UNIVERSITY OF FLORIDA                   | Identification of Prospective Predictors of Alcohol Initiation During Early Adolescence                               | MOORE, ANDREW                 | Awarded. Fellowships only | 2024/01/01 | 2025/12/31 | \$84,724  | \$84,724  | \$56,884  | \$42,622 |
| 1,104 | F31CA288161 | 1F31CA288161-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Function of PD-1 Signaling on the Activity of B cells in the Tumor Microenvironment in Breast Cancer                  | PAN, XIAOLU                   | Awarded. Fellowships only | 2024/07/10 | 2027/07/09 | \$47,153  | \$47,153  | \$32,525  | \$47,153 |
| 1,105 | F31DK139666 | 1F31DK139666-01A1 | WASHINGTON UNIVERSITY                   | Targeting cDC1 with CAR T cells to investigate their role and potential as a therapeutic target in Type 1 diabetes    | ABOUSAWAY, OMAR               | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$34,623  | \$34,623  | \$21,503  | \$34,623 |
| 1,106 | F32HD116497 | 1F32HD116497-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Regulation of a self-generated attractant gradient by the extracellular matrix  | O'KEEFE, CATHERINE ANN        | Awarded. Fellowships only | 2024/11/01 | 2027/10/31 | \$73,828  | \$73,828  | \$25,595  | \$73,828 |
| 1,107 | F31AG090006 | 1F31AG090006-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The Influence of Admixture on Biological Aging in the Context of Alzheimer's Disease                                  | CRUZ GONZALEZ, SEBASTIAN      | Awarded. Fellowships only | 2024/12/01 | 2026/11/30 | \$45,618  | \$45,618  | \$13,622  | \$45,618 |
| 1,108 | F31CA284549 | 5F31CA284549-02   | UNIVERSITY OF WASHINGTON                | Differentiation and function of transitional monocytes in cancer metastasis to the lung                               | PARK, MINHEE (EMILY)          | Awarded. Fellowships only | 2023/09/28 | 2025/12/31 | \$87,686  | \$87,686  | \$69,230  | \$44,483 |
| 1,109 | F31HD113285 | 1F31HD113285-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Dissecting the role of ZCWPW1 in oocyte quality, fertility and ovarian physiology.                                    | BAZZANO, DOMINIC              | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$42,545  | \$42,545  | \$34,943  | \$42,545 |
| 1,110 | F32AI186362 | 1F32AI186362-01   | JOHNS HOPKINS UNIVERSITY                | The Role of IgE in Galectin-3-dependent Activation of Basophils   | EHRlich, LAURENT              | Awarded. Fellowships only | 2024/07/15 | 2026/07/14 | \$81,364  | \$81,364  | \$66,631  | \$81,364 |
| 1,111 | F30MH135570 | 5F30MH135570-02   | UNIVERSITY OF MARYLAND BALTIMORE        | A unique peri-hippocampal mast cell population drives neurodevelopment  | MAXIMOVA, ANNA ARKADIEVNA     | Awarded. Fellowships only | 2023/09/01 | 2025/08/31 | \$81,718  | \$81,718  | \$67,776  | \$41,499 |
| 1,112 | F30CA294747 | 1F30CA294747-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Immunosuppressive impact of the GPCR/MALT1 protease axis in triple-negative breast cancer                             | LITTLE, JOHN WALTON           | Awarded. Fellowships only | 2024/07/01 | 2028/06/30 | \$53,974  | \$53,974  | \$25,834  | \$53,974 |
| 1,113 | F30AI186244 | 1F30AI186244-01   | WASHINGTON UNIVERSITY                   | Enhancer Hijacking of the IgH Locus as a Novel Genetic Mechanism of Inborn Errors of Immunity                         | TOBIN, JOSHUA                 | Awarded. Fellowships only | 2024/08/01 | 2026/06/30 | \$35,482  | \$35,482  | \$22,404  | \$35,482 |
| 1,114 | F31EY036732 | 1F31EY036732-01   | NEW YORK UNIVERSITY                     | Unveiling the computations underlying behavioral heterogeneity across and around the visual field                     | XUE, SHUTIAN                  | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$34,305  | \$34,305  | \$16,666  | \$34,305 |
| 1,115 | F30HL176024 | 1F30HL176024-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Developing a novel adenine base editor tool for in vivo alpha-1 antitrypsin deficiency gene correction.               | GAO, JENNY                    | Awarded. Fellowships only | 2024/09/01 | 2029/08/31 | \$33,780  | \$33,780  | \$20,375  | \$33,780 |
| 1,116 | F32AI186285 | 1F32AI186285-01   | UNIVERSITY OF COLORADO DENVER           | Elucidating the role of Akkermansia muciniphila in Group B Streptococcal vaginal colonization and ascending infection | MARROQUIN, STEPHANIE MICHELLE | Awarded. Fellowships only | 2024/11/01 | 2027/10/31 | \$74,284  | \$74,284  | \$29,655  | \$74,284 |
| 1,117 | F31CA288084 | 1F31CA288084-01A1 | THOMAS JEFFERSON UNIVERSITY             | Targeting TEAD in melanoma drug-tolerant persister cells  | OTT, CONNOR                   | Awarded. Fellowships only | 2024/07/05 | 2026/07/04 | \$48,974  | \$48,974  | \$26,340  | \$48,974 |
| 1,118 | F31NS139663 | 1F31NS139663-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Hypoxia-Induced Misdirection: Understanding Postnatal Inhibitory Interneuron Migration in Neonatal Hypoxic Injury     | PODDAR, AUNOY                 | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$41,720  | \$41,720  | \$24,294  | \$41,720 |



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|-------|-------------|-------------------|---|--|---------------------------|---------------------------|------------|------------|----------|----------|----------|----------|
| 1,119 | F31HL167471 | 5F31HL167471-03   | VANDERBILT UNIVERSITY                   | Cell-Free Hemoglobin Induces Endothelial Mitochondrial Oxidative Damage Causing Extracellular DNA Release  | RIEDMANN, KYLE JOSEPH     | Awarded. Fellowships only | 2022/12/01 | 2025/08/31 | \$94,147 | \$94,147 | \$79,593 | \$26,959 |
| 1,120 | F31AG090013 | 1F31AG090013-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating clinical risk between autoimmunity and Alzheimer's Disease in diverse human populations  | RAMEY, GRACE              | Awarded. Fellowships only | 2024/12/01 | 2026/11/30 | \$45,618 | \$45,618 | \$13,622 | \$45,618 |
| 1,121 | F32DK139710 | 1F32DK139710-01A1 | UNIVERSITY OF COLORADO DENVER           | The role of diminished CNS hypoglycemia sensing in postbariatric hypoglycemia  | COOK, TYLER               | Awarded. Fellowships only | 2024/12/01 | 2026/11/30 | \$73,828 | \$73,828 | \$24,490 | \$73,828 |
| 1,122 | F32HL168918 | 1F32HL168918-01A1 | UT SOUTHWESTERN MEDICAL CENTER          | Mechanical regulation of hematopoiesis   | SHIRAZI, JASMINE          | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$74,284 | \$74,284 | \$36,216 | \$74,284 |
| 1,123 | F32MH138113 | 1F32MH138113-01   | WASHINGTON UNIVERSITY                   | Evolutionary expansion of human cerebral cortex: spatial patterns and transcriptional correlates   | ROSEN, BURKE QUARTMAN     | Awarded. Fellowships only | 2024/06/20 | 2027/06/19 | \$73,828 | \$73,828 | \$57,216 | \$73,828 |
| 1,124 | F31MH136684 | 1F31MH136684-01A1 | OREGON HEALTH & SCIENCE UNIVERSITY      | Role of early-life sleep and sensory environment in shaping the development of affiliative behavior and PV-interneurons in the somatosensory cortex of the highly social prairie vole. | MILMAN, NOAH EMERY POLLAK | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$48,974 | \$48,974 | \$15,364 | \$48,974 |
| 1,125 | F31AI178958 | 5F31AI178958-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | Role of Frizzled 5 in NK cell development and antiviral host immunity  | OWYONG, MARK              | Awarded. Fellowships only | 2024/02/01 | 2027/01/31 | \$96,668 | \$96,668 | \$47,902 | \$48,974 |
| 1,126 | F30DE033618 | 1F30DE033618-01A1 | UNIVERSITY OF MINNESOTA                 | Characterization of mandible derived osteoclasts under physiological and bone healing conditions   | PHILLIPS, RACHEL BLEVINS  | Awarded. Fellowships only | 2024/06/03 | 2025/06/02 | \$49,718 | \$49,718 | \$36,129 | \$49,718 |
| 1,127 | F31MH135639 | 1F31MH135639-01A1 | UNIV OF MARYLAND, COLLEGE PARK          | Using Geocoded Data and Virtual Neighborhood Assessments to Understand the Impact of Neighborhood Environment on Momentary Paranoid Ideation in Psychosis                              | ORTH, RYAN                | Awarded. Fellowships only | 2024/08/11 | 2025/08/10 | \$48,974 | \$48,974 | \$27,742 | \$48,974 |
| 1,128 | F31AA031600 | 1F31AA031600-01A1 | UNIVERSITY OF KENTUCKY                  | Uncovering the functional and mechanistic dysregulation of monocytes after abstinence and post-abstinence drinking   | BLANTON, MADISON BROOKE   | Awarded. Fellowships only | 2024/08/12 | 2027/08/11 | \$34,856 | \$34,856 | \$21,636 | \$34,856 |
| 1,129 | F31HL170507 | 5F31HL170507-02   | MAYO CLINIC ROCHESTER                   | Improving Ultrasound Pulse Wave Imaging for Prediction of Arteriovenous Fistula Maturation   | CAPRON, CHARLES BANFIELD  | Awarded. Fellowships only | 2023/09/30 | 2025/09/29 | \$96,668 | \$96,668 | \$47,956 | \$48,974 |
| 1,130 | F30HL170584 | 5F30HL170584-02   | YALE UNIVERSITY                         | Elucidating the Role of Biomechanical Strain in Atrial Physiology and Arrhythmias  | GOKHAN, ILHAN             | Awarded. Fellowships only | 2023/09/16 | 2027/09/15 | \$66,438 | \$66,438 | \$48,565 | \$33,859 |
| 1,131 | F31HL170707 | 5F31HL170707-02   | UNIVERSITY OF MISSISSIPPI MED CTR       | Roles of DPA derived specialized pre-resolving mediators during vertebrate hematopoiesis   | NGUYEN, KIM UYEN          | Awarded. Fellowships only | 2023/09/01 | 2025/08/31 | \$64,668 | \$64,668 | \$43,542 | \$32,974 |
| 1,132 | F32HL176113 | 1F32HL176113-01   | DUKE UNIVERSITY                         | Mitochondrial succinyl CoA management at the intersection of heme and ketone metabolism  | POSS, ANNELISE            | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$73,408 | \$73,408 | \$23,136 | \$73,408 |
| 1,133 | F31NS134338 | 5F31NS134338-02   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Non-Canonical Roles for Cell-Adhesion Molecules in Presynaptic Assembly  | SUMMERVILLE, JADA         | Awarded. Fellowships only | 2023/12/15 | 2026/12/14 | \$96,668 | \$96,668 | \$62,336 | \$48,974 |
| 1,134 | F31DK141235 | 1F31DK141235-01   | UNIVERSITY OF CALIFORNIA BERKELEY       | Addressing racial and ethnic disparities in diabetes risk after varying glycemia levels during pregnancy   | PARIMI, MOUNIKA           | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$48,965 | \$48,965 | \$34,157 | \$48,965 |
| 1,135 | F31MH138115 | 1F31MH138115-01   | UNIVERSITY OF CALIFORNIA-IRVINE         | The Impact of Early Life Adversity on mGluR5-driven Endocannabinoid Signaling and Behavioral Adaptability  | DE CARVALHO, GREGORY      | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$45,563 | \$45,563 | \$38,507 | \$45,563 |
| 1,136 | F30CA294741 | 1F30CA294741-01   | CASE WESTERN RESERVE UNIVERSITY         | Translation Regulation Contributes to Hypoxia Adaptation in Glioblastoma   | DASHORA, HIMANSHU RAJEEV  | Awarded. Fellowships only | 2024/07/17 | 2028/07/16 | \$53,974 | \$53,974 | \$25,391 | \$53,974 |
| 1,137 | F32DK141100 | 1F32DK141100-01   | BETH ISRAEL DEACONESS MEDICAL CENTER    | The Impact of APOL1 Copy Number Variation on Kidney<br>Disjavascript:autoSave(https://apps.era.nih.gov:443/gmii/home.era?menu_itemPath=59%27)ease Susceptibility in African Americans  | SIMEONE, CHRISTOPHER A    | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$73,828 | \$73,828 | \$39,201 | \$73,828 |

|       |             |                   |  |   |                              |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|--|---|------------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 1,138 | F32AI174816 | 5F32AI174816-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Mechanosensory Behaviors of Skin-Penetrating Parasitic Nematodes  | PATEL, RUHI                  | Awarded. Fellowships only | 2022/12/01 | 2025/11/30 | \$225,148 | \$225,148 | \$178,685 | \$78,892 |
| 1,139 | F31EY036709 | 1F31EY036709-01   | MEDICAL COLLEGE OF WISCONSIN             | Assessing Foveal Specializations in Health and Disease  | KREIS, JOSEPH G              | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$32,135  | \$48,974 |
| 1,140 | F31NS139506 | 1F31NS139506-01   | WASHINGTON UNIVERSITY                    | Understanding the Role of Histone Ubiquitination in Plasticity and Neurodevelopmental Disease                                     | ERICKSON, ALYSSA A           | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$34,623  | \$34,623  | \$19,910  | \$34,623 |
| 1,141 | F30AI181455 | 1F30AI181455-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Defining the role(s) of CGRPa during cutaneous antifungal immunity  | GILLIS, JACOB                | Awarded. Fellowships only | 2024/07/01 | 2028/06/30 | \$53,974  | \$53,974  | \$21,168  | \$53,974 |
| 1,142 | F31HL176119 | 1F31HL176119-01   | UNIVERSITY OF UTAH                       | Advancing a biopsychosocial model of bedtime procrastination  | CARLSON, STEVEN              | Awarded. Fellowships only | 2024/08/16 | 2026/08/15 | \$40,562  | \$40,562  | \$23,602  | \$40,562 |
| 1,143 | F31DC021867 | 1F31DC021867-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Arousal-dependent modulation of layer 5 neurons in the auditory cortex  | KAUFMAN, KEITH               | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$38,294  | \$48,974 |
| 1,144 | F31NS139598 | 1F31NS139598-01   | UNIVERSITY OF FLORIDA                    | Exploring synaptic actin-myosin dynamics with super resolution microscopy   | REED, SHAYNA JORDAN          | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$35,974  | \$35,974  | \$10,862  | \$35,974 |
| 1,145 | F31AI186325 | 1F31AI186325-01   | UNIVERSITY OF WASHINGTON                 | Investigating the role of gamma delta (γδ) T cells in the control of Mycobacterium tuberculosis infection                         | TAPPEN, VICTORIA             | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$42,504  | \$48,974 |
| 1,146 | F31NS130993 | 5F31NS130993-02   | EMORY UNIVERSITY                         | Microglial Activity on Injured Motoneurons  | POTTORF, TANA                | Awarded. Fellowships only | 2023/09/01 | 2026/08/31 | \$102,168 | \$102,168 | \$77,508  | \$51,474 |
| 1,147 | F31AI186435 | 1F31AI186435-01   | YALE UNIVERSITY                          | Understanding the Impact of Dengue Virus Lineage Persistence on Outbreak Potential  | PORZUCEK, ABBEY              | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$25,419  | \$48,974 |
| 1,148 | F31AA031877 | 1F31AA031877-01   | UNIVERSITY OF MINNESOTA                  | Effects of Ventral Tegmental Area Dopamine Neurons GABA-B Receptor Deletion on Cue-Evoked Relapse and Aversion-Resistant Drinking | AGUIRRE, JONATHAN ISRAEL     | Awarded. Fellowships only | 2024/08/28 | 2028/08/27 | \$36,350  | \$36,350  | \$21,463  | \$36,350 |
| 1,149 | F32HL176045 | 1F32HL176045-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Studying Mitochondrial Dynamics and Energetics During Cardiac Reprogramming   | SPURLOCK, BRIAN M            | Awarded. Fellowships only | 2024/09/15 | 2027/09/14 | \$78,892  | \$78,892  | \$37,382  | \$78,892 |
| 1,150 | F31NS135944 | 1F31NS135944-01A1 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Glycopolymer Biomaterials for Regulating Adaptive Reprogramming in Glia   | DUBOIS, ERIC                 | Awarded. Fellowships only | 2024/07/01 | 2026/08/31 | \$40,886  | \$40,886  | \$21,168  | \$40,886 |
| 1,151 | F32HL172499 | 1F32HL172499-01A1 | EMORY UNIVERSITY                         | Multidimensional Correlates of Atherosclerotic Resilience in Rural Communities  | RAZAVI, ALEXANDER C          | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$81,256  | \$81,256  | \$40,206  | \$81,256 |
| 1,152 | F32HL176044 | 1F32HL176044-01   | UNIVERSITY OF FLORIDA                    | Daily and circadian regulation of respiratory plasticity in freely behaving rats  | JONES, AARON ANDREW          | Awarded. Fellowships only | 2024/09/13 | 2027/09/12 | \$73,408  | \$73,408  | \$42,535  | \$73,408 |
| 1,153 | F30MH135658 | 1F30MH135658-01A1 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Neural computations underlying the relationship between social learning and mood  | DAVIS, ARIANNA NEAL          | Awarded. Fellowships only | 2024/07/26 | 2026/07/25 | \$50,374  | \$50,374  | \$0       | \$50,374 |
| 1,154 | F31GM155958 | 1F31GM155958-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Defining Human Cytochrome P450 7B1 Structure and Function to Understand Spastic Paraplegia Type 5 Disease                         | CHABEZ, ALEXANDRIA ANASTASIA | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$48,974  | \$48,974  | \$11,614  | \$48,974 |
| 1,155 | F31MH138134 | 1F31MH138134-01A1 | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Impact of developmental serotonin on prefrontal cortex parvalbumin interneuron excitability and cognitive behavior                | ANQUEIRA, AMANDA             | Awarded. Fellowships only | 2024/09/01 | 2027/02/28 | \$48,974  | \$48,974  | \$44,270  | \$48,974 |
| 1,156 | F31AI179107 | 5F31AI179107-02   | STANFORD UNIVERSITY                      | Evaluating the causal effects of anti-malarial chemoprevention in pregnancy and childhood on growth outcomes                      | NGUYEN, ANNA THUY NHU        | Awarded. Fellowships only | 2024/04/11 | 2026/08/10 | \$97,212  | \$97,212  | \$48,085  | \$48,974 |
| 1,157 | F30EY036256 | 1F30EY036256-01A1 | MEDICAL COLLEGE OF WISCONSIN             | Mechanisms of immune-mediated neuronal damage in a mouse model of optic neuritis  | SOMMERS, KELLI C             | Awarded. Fellowships only | 2025/01/01 | 2028/12/31 | \$51,064  | \$51,064  | \$14,328  | \$51,064 |
| 1,158 | F31AI183706 | 1F31AI183706-01A1 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | The role of TCF1 in CD8+ tissue resident memory T cell formation and maintenance across distinct tissues                          | VANDENBURGH, SARA ALISSA     | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$45,478  | \$45,478  | \$16,318  | \$45,478 |
| 1,159 | F31ES036103 | 5F31ES036103-02   | EMORY UNIVERSITY                         | Improved estimation of pollen exposure, mixtures, and risk of respiratory illness   | LAPPE, BROOKE                | Awarded. Fellowships only | 2024/03/12 | 2027/03/11 | \$97,948  | \$97,948  | \$34,740  | \$48,974 |

|       |             |                   |                                      |   |                              |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--------------------------------------|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,160 | F31HL178171 | 1F31HL178171-01   | STANFORD UNIVERSITY                  | Exploring Functional Divergence in Human and Chimpanzee Arteries: Implications for Cardiovascular Disease                                     | NAFTALY, JEFFREY             | Awarded. Fellowships only     | 2025/04/23 | 2028/04/22 | \$42,507    | \$42,507    | \$0         | \$42,507  |
| 1,161 | F31AA032186 | 1F31AA032186-01   | TEMPLE UNIV OF THE COMMONWEALTH      | Smartwatch-based predictors of binge drinking onset in first-year college students: A prospective study                                       | HIMELEIN-WACHOWIAK, MCKENZIE | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$35,019    | \$35,019    | \$8,542     | \$35,019  |
| 1,162 | F30MD020264 | 1F30MD020264-01   | UNIVERSITY OF PENNSYLVANIA           | Trustworthy Machine Learning for Equitable Healthcare   | YAO, MICHAEL STEVEN YU-SHUAN | Awarded. Fellowships only     | 2024/09/17 | 2027/08/31 | \$53,974    | \$53,974    | \$45,813    | \$53,974  |
| 1,163 | F30HD117619 | 1F30HD117619-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES | Role of Intracortical Mechanisms Vs. Bottom-Up Influences in Developmental Desynchronization of Cortical Network Activity                     | WU, MICHELLE W               | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$44,924    | \$44,924    | \$7,056     | \$44,924  |
| 1,164 | F31NS141610 | 1F31NS141610-01   | EMORY UNIVERSITY                     | Novelty and valence encoding in the zona incerta in parkinsonian monkeys  | MAGNUSSON, NATALIA NOEL      | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$48,974    | \$48,974    | \$16,255    | \$48,974  |
| 1,165 | F32GM154442 | 1F32GM154442-01A1 | UNIVERSITY OF UTAH                   | A Data-Driven Approach to Protein Engineering of Aminotransferase ARO8  | HOWARD, JAMES R              | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$73,828    | \$73,828    | \$20,476    | \$73,828  |
| 1,166 | F30DK135340 | 5F30DK135340-03   | HARVARD MEDICAL SCHOOL               | Control of Telomere Homeostasis by Nucleotide Metabolism in Hematopoiesis   | MANNHERZ, WILLIAM            | Awarded. Fellowships only     | 2023/05/01 | 2028/04/30 | \$132,370   | \$132,370   | \$78,396    | \$53,974  |
| 1,167 | F30NS124136 | 5F30NS124136-04   | UNIVERSITY OF KENTUCKY               | Elucidating Shared Risk of Brain Arteriolosclerosis and Related Pathologies with Multiple omics Modalities                                    | SHADE, LINCOLN               | Awarded. Fellowships only     | 2022/05/08 | 2025/07/07 | \$147,304   | \$147,304   | \$128,811   | \$7,079   |
| 1,168 | T32HD040372 | 5T32HD040372-24   | DUKE UNIVERSITY                      | Training Program in Developmental and Stem Cell Biology   | SILVER, DEBRA                | Awarded. Non-fellowships only | 2001/05/01 | 2027/04/30 | \$1,658,870 | \$1,658,870 | \$1,124,158 | \$439,487 |
| 1,169 | F32DC020656 | 5F32DC020656-03   | STANFORD UNIVERSITY                  | Investigating the role of mechanotransduction machinery and the rootlet in modulating stereocilia motion.                                     | MCGRATH, JAMIS               | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$225,148   | \$225,148   | \$130,350   | \$78,892  |
| 1,170 | F31EY034730 | 5F31EY034730-02   | UNIVERSITY OF LOUISVILLE             | Optimizing c-Met signaling to enhance corneal epithelial homeostasis  | TARVESTAD LAISE, KATE        | Awarded. Fellowships only     | 2024/04/04 | 2027/04/03 | \$71,644    | \$71,644    | \$35,188    | \$35,822  |
| 1,171 | F31NS137735 | 5F31NS137735-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES  | The Cellular and Neural Circuit Basis of Flexible Escape Behavior   | WOOD, ABBY                   | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$48,874    | \$48,974  |
| 1,172 | F32DK137409 | 5F32DK137409-02   | EMORY UNIVERSITY                     | The Critical Role of Ciliary ARL13B in Controlling Energy Homeostasis   | TERRY, TIFFANY T             | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$161,048   | \$161,048   | \$68,156    | \$81,592  |
| 1,173 | T32HD007434 | 5T32HD007434-32   | WASHINGTON UNIVERSITY                | Doctoral Training Program in Movement Science   | LANG, CATHERINE              | Awarded. Non-fellowships only | 1993/07/01 | 2026/04/30 | \$1,080,750 | \$1,080,750 | \$873,316   | \$253,230 |
| 1,174 | F31HL178286 | 1F31HL178286-01   | UNIVERSITY OF SOUTHERN CALIFORNIA    | Investigating the Heterogeneous Intercellular Signaling of Hematopoietic Stem and Progenitor Cells and its Changes around the Circadian Clock | THOMAS, ZACHARY VANDER       | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,175 | F31GM157963 | 1F31GM157963-01   | GEORGETOWN UNIVERSITY                | Role of dopaminergic signaling on anesthesia-induced retrograde amnesia   | SHAH, PRACHI                 | Awarded. Fellowships only     | 2025/01/02 | 2027/01/01 | \$36,274    | \$36,274    | \$1,650     | \$36,274  |
| 1,176 | F31HD117670 | 1F31HD117670-01   | UNIV OF MARYLAND, COLLEGE PARK       | Development in the Moment: Does Caregiver Sensitivity Drive Prefrontal Cortex Synchrony?  | ROCHE, ELLEN                 | Awarded. Fellowships only     | 2024/09/17 | 2026/09/16 | \$43,008    | \$43,008    | \$37,045    | \$43,008  |
| 1,177 | F31MH138072 | 1F31MH138072-01A1 | UNIVERSITY OF CALIFORNIA AT DAVIS    | Molecular and Cellular Determinants of Tolerance to Second Generation Antipsychotics  | LEWIS, ELINOR                | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$42,520    | \$42,520    | \$21,301    | \$42,520  |
| 1,178 | T32DK064466 | 3T32DK064466-22S1 | INDIANA UNIVERSITY INDIANAPOLIS      | Diabetes and Obesity Training Grant   | WEK, RONALD C                | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$652,077   | \$652,077   | \$524,137   | \$46,268  |
| 1,179 | F31HL176183 | 1F31HL176183-01A1 | BAYLOR COLLEGE OF MEDICINE           | An Ancestry-Informed Approach to Improve Genetic Testing for Cardiovascular Disease   | TIETZ, GRACE                 | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$48,974    | \$48,974    | \$22,610    | \$48,974  |
| 1,180 | F31AG082395 | 5F31AG082395-03   | UNIVERSITY OF WASHINGTON             | Imputing quantitative mass spectrometry proteomics data using non-negative matrix factorization   | HARRIS, LINCOLN JEFFERY      | Awarded. Fellowships only     | 2023/04/16 | 2026/04/15 | \$117,193   | \$117,193   | \$76,580    | \$39,491  |

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|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,181 | F31DC022482 | 1F31DC022482-01   | VANDERBILT UNIVERSITY                   | Functional characterizations of the genetic etiology of stuttering  | SCARTOZZI, ALYSSA            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$42,574    | \$42,574    | \$21,670    | \$42,574  |
| 1,182 | F31MH139185 | 1F31MH139185-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Advancing Implementation of Single Session Interventions in Schools   | COHEN, KATHERINE             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$22,755    | \$48,974  |
| 1,183 | F32DC022178 | 1F32DC022178-01A1 | UNIVERSITY OF TEXAS AT AUSTIN           | Assessing semantic encoding and decoding models in stroke-induced aphasia   | TANG, JERRY                  | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$73,408    | \$73,408    | \$45,779    | \$73,408  |
| 1,184 | F31NR021624 | 1F31NR021624-01   | BOSTON COLLEGE                          | An epidemiological study to investigate the multifactorial nature of diabetes risk among adults with COVID-19 with a genetic and social determinants of health lens | KEELS, JORDAN                | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$32,974    | \$32,974    | \$4,704     | \$32,974  |
| 1,185 | T32NS091006 | 5T32NS091006-10   | UNIVERSITY OF PENNSYLVANIA              | Training Program in Neuroengineering and Medicine   | LITT, BRIAN                  | Awarded. Non-fellowships only | 2015/07/01 | 2025/06/30 | \$2,001,688 | \$2,001,688 | \$1,860,379 | \$154,389 |
| 1,186 | F30AI172364 | 5F30AI172364-03   | UNIVERSITY OF FLORIDA                   | The Role of Norovirus Interactions with the Epithelial Barrier in Acute Gastroenteritis   | PEIPER, AMY MARIE            | Awarded. Fellowships only     | 2023/05/16 | 2027/04/30 | \$129,826   | \$129,826   | \$80,983    | \$43,971  |
| 1,187 | F32NS136267 | 5F32NS136267-02   | BOSTON CHILDREN'S HOSPITAL              | Leveraging Choroid Plexus M-CSF Signaling to Prevent Inflammatory-Driven Hydrocephalus  | HEHNLY, CHRISTINE ANNA       | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$157,040   | \$157,040   | \$75,471    | \$79,756  |
| 1,188 | F31NS139615 | 1F31NS139615-01A1 | JOHNS HOPKINS UNIVERSITY                | Quantifying the spatial stability of sensory stimulation projected fields for sensory neuroprostheses   | DING, KEQIN                  | Awarded. Fellowships only     | 2025/01/01 | 2025/12/31 | \$48,974    | \$48,974    | \$9,408     | \$48,974  |
| 1,189 | F31HL165908 | 5F31HL165908-02   | WASHINGTON UNIVERSITY                   | BCLAF1 regulates expression of AP-1 genes and hematopoietic stem cell repopulating activity   | CROWLEY, STEPHANIE           | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$69,246    | \$69,246    | \$43,189    | \$34,623  |
| 1,190 | F32NS129560 | 5F32NS129560-03   | HARVARD MEDICAL SCHOOL                  | Hippocampal Sharp-Wave Ripple and Replay Mechanisms Underlying Long-Term Memory   | DING, JENNIFER               | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$220,120   | \$220,120   | \$142,537   | \$76,756  |
| 1,191 | T32AR065972 | 5T32AR065972-10   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Muscle Cell Biology, Pathophysiology, and Therapeutics  | CROSBIE, RACHELLE HOPE       | Awarded. Non-fellowships only | 2016/05/01 | 2026/04/30 | \$2,190,339 | \$2,190,339 | \$1,559,617 | \$435,986 |
| 1,192 | F32AR085460 | 1F32AR085460-01   | MASSACHUSETTS GENERAL HOSPITAL          | Investigating the Role of Wnt Signaling in the Mechanical Maturation of Tendon  | PETERSON, BENJAMIN           | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$79,456    | \$79,456    | \$0         | \$79,456  |
| 1,193 | F31DA062453 | 1F31DA062453-01   | UNIVERSITY OF MARYLAND BALTIMORE        | The Impact of Perinatal Fentanyl on Dopamine Neuron Circuitry and Behavior  | MCINERNEY, JESSICA           | Awarded. Fellowships only     | 2024/12/12 | 2027/11/30 | \$45,114    | \$45,114    | \$14,748    | \$45,114  |
| 1,194 | F31ES037211 | 1F31ES037211-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Perinatal metal mixture exposure and prenatal maternal stress: Impact on neural and cognitive constructs underlying adolescent risk-taking                          | OLUYEMI, KRISTIE TEMITOPE    | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,195 | F31DK142351 | 1F31DK142351-01   | INDIANA UNIVERSITY INDIANAPOLIS         | Cilia-mediated Proliferation in Hypothalamic Tanycytes  | BREWER, KATHRYN M            | Awarded. Fellowships only     | 2024/12/17 | 2026/12/16 | \$40,294    | \$40,294    | \$14,760    | \$40,294  |
| 1,196 | F31AI189070 | 1F31AI189070-01   | EMORY UNIVERSITY                        | Drivers of the beneficial effects of influenza A virus co-infection   | MARTINEZ, MEGAN ALICIA       | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$48,974    | \$48,974    | \$4,704     | \$48,974  |
| 1,197 | F31MH138131 | 1F31MH138131-01A1 | UNIVERSITY OF TEXAS AT AUSTIN           | The influence of the developing circadian system on neuroimmune function and neuropsychiatric behaviors   | BELL, KIERSTEN SIMONE        | Awarded. Fellowships only     | 2024/09/06 | 2027/03/05 | \$40,613    | \$40,613    | \$27,798    | \$40,613  |
| 1,198 | F30HL167574 | 5F30HL167574-02   | BAYLOR COLLEGE OF MEDICINE              | Targeting the Calcitonin-BMP1 Pathway in Atrial Cardiofibroblasts to Ameliorate Atrial Fibrillation   | HO, KEVIN SON                | Awarded. Fellowships only     | 2023/09/30 | 2026/08/31 | \$100,089   | \$100,089   | \$79,072    | \$52,037  |
| 1,199 | F30DA060666 | 5F30DA060666-02   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | The Role of Parabrachial CGRP Neurons in Opioid Reinforcement   | BYSTROM, LAUREN L            | Awarded. Fellowships only     | 2024/05/01 | 2028/04/30 | \$107,948   | \$107,948   | \$44,859    | \$53,974  |
| 1,200 | T32EY007031 | 5T32EY007031-48   | UNIVERSITY OF WASHINGTON                | Vision Training Grant   | PASUPATHY, ANITHA            | Awarded. Non-fellowships only | 1976/07/01 | 2028/03/31 | \$658,661   | \$658,661   | \$438,475   | \$218,313 |
| 1,201 | F32AA031902 | 1F32AA031902-01A1 | LSU HEALTH SCIENCES CENTER              | Alcohol Impact on Traumatic Brain Injury: Focus on Mitochondrial Alterations  | CHAPA DUBOCQ, XAVIER RICARDO | Awarded. Fellowships only     | 2025/02/01 | 2027/07/31 | \$74,284    | \$74,284    | \$11,159    | \$74,284  |

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|-------|-------------|-------------------|--|--|----------------------------|----------|----------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,202 | F31EY037180 | 1F31EY037180-01   | STANFORD UNIVERSITY                      | Integrate neuroimaging, molecular quantitation, and cytoarchitecture to elucidate the development of myelination in human visual cortex. | BACMEISTER, CLARA MARIA    | Awarded. | Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,139  | \$48,139  | \$15,261  | \$48,139  |
| 1,203 | F32AI176649 | 5F32AI176649-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Glutamine Starvation as a Means to Enhance Antibiotic Efficacy against M. tuberculosis   | WILLIAMS, JOHN TISON       | Awarded. | Fellowships only     | 2024/05/01 | 2027/04/30 | \$151,040 | \$151,040 | \$73,860  | \$76,756  |
| 1,204 | F32CA268524 | 5F32CA268524-03   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Mapping the BRCA2 replication gap suppression domain to uncover the molecular mechanism of chemotherapy response                         | WHALEN, JENNA              | Awarded. | Fellowships only     | 2023/05/01 | 2026/04/30 | \$225,148 | \$225,148 | \$145,532 | \$78,892  |
| 1,205 | F32GM157894 | 1F32GM157894-01   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Identification of the core organizational principles within nuclear mRNAs  | HATFIELD, BREANNE          | Awarded. | Fellowships only     | 2025/01/01 | 2027/12/31 | \$73,828  | \$73,828  | \$18,384  | \$73,828  |
| 1,206 | F31GM157952 | 1F31GM157952-01   | AUGUSTA UNIVERSITY                       | Investigating the in vivo regulation of Dynein activity  | ALLEN, PHYLCIA ANGELA      | Awarded. | Fellowships only     | 2025/05/01 | 2027/04/30 | \$41,405  | \$41,405  | \$0       | \$41,405  |
| 1,207 | F31HL178200 | 1F31HL178200-01   | UNIVERSITY OF UTAH                       | Myocarditis is necessary for the development of arrhythmogenic cardiomyopathy  | VALDEZ, STEVEN ELIAS       | Awarded. | Fellowships only     | 2025/01/06 | 2027/01/05 | \$37,045  | \$37,045  | \$4,704   | \$37,045  |
| 1,208 | F31DC022515 | 1F31DC022515-01   | JOHNS HOPKINS UNIVERSITY                 | Population coding of complex auditory stimuli in auditory cortex   | DAHER, JADE                | Awarded. | Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$38,177  | \$48,974  |
| 1,209 | F31HL170784 | 5F31HL170784-02   | UNIVERSITY OF IOWA                       | Investigating the molecular mechanisms underlying aldosterone-mediated sodium appetite   | MCDONOUGH, MIRIAM          | Awarded. | Fellowships only     | 2024/04/01 | 2026/08/31 | \$71,770  | \$71,770  | \$34,448  | \$35,885  |
| 1,210 | T32HD040128 | 5T32HD040128-22   | BOSTON CHILDREN'S HOSPITAL               | Research Training in Pediatric Emergency Medicine  | MANDL, KENNETH D           | Awarded. | Non-fellowships only | 2001/05/15 | 2029/04/30 | \$544,109 | \$544,109 | \$228,450 | \$451,788 |
| 1,211 | F31CA287604 | 5F31CA287604-02   | DUKE UNIVERSITY                          | Chromosomal Instability and 17p Loss Sensitize Cancer Cells to NDE1 Depletion  | BRIDGWATER, CAROLINE MARIE | Awarded. | Fellowships only     | 2024/05/01 | 2027/07/31 | \$96,580  | \$96,580  | \$43,740  | \$48,290  |
| 1,212 | T35AI179601 | 1T35AI179601-01A1 | OHIO STATE UNIVERSITY                    | STRIVE: Short-Term Research in Immunology and Virology Experience  | BUMGARDNER, GINNY L        | Awarded. | Non-fellowships only | 2025/05/01 | 2030/04/30 | \$103,952 | \$103,952 | \$0       | \$103,952 |
| 1,213 | F31DA057812 | 5F31DA057812-02   | UNIVERSITY OF KENTUCKY                   | Role of Dynamic Signaling of NRG3-ErbB4 in the Prefrontal Cortex in Mediating Nicotine Withdrawal Phenotypes                             | PRANTZALOS, EMILY          | Awarded. | Fellowships only     | 2024/01/12 | 2027/01/11 | \$97,948  | \$97,948  | \$45,558  | \$48,974  |
| 1,214 | F31HL167533 | 5F31HL167533-02   | HARVARD MEDICAL SCHOOL                   | Self-Assembling Peptide Nanoparticles for in vivo Genome Editor Delivery to Hematopoietic Stem Cells                                     | EWEJE, FEYISAYO RONALD     | Awarded. | Fellowships only     | 2023/06/01 | 2027/05/31 | \$106,668 | \$106,668 | \$103,075 | \$53,974  |
| 1,215 | F32HL172693 | 5F32HL172693-02   | COLORADO STATE UNIVERSITY                | Cortical-hypothalamic control of the cardiovascular consequences of stress   | BOUCHET, COURTNEY ANNE     | Awarded. | Fellowships only     | 2023/12/15 | 2026/12/14 | \$154,304 | \$154,304 | \$87,639  | \$77,077  |
| 1,216 | F31HL172650 | 5F31HL172650-02   | HARVARD UNIVERSITY                       | Macrophage-Mediated Lung Repair Programs Following Injury  | BAEZ VAZQUEZ, ALAN         | Awarded. | Fellowships only     | 2024/02/01 | 2027/01/31 | \$75,223  | \$75,223  | \$48,227  | \$36,073  |
| 1,217 | F31HL172691 | 7F31HL172691-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Molecular evolution of synthetic probes for orphan GPCRs   | FITZSIMMONS, ARI BENJAMIN  | Awarded. | Fellowships only     | 2024/01/01 | 2026/12/31 | \$97,948  | \$97,948  | \$36,208  | \$48,974  |
| 1,218 | F31HL172440 | 5F31HL172440-02   | DARTMOUTH COLLEGE                        | Host-Pathogen Interactions in a Cystic Fibrosis Polymicrobial Infection Model  | CHARPENTIER, LILY          | Awarded. | Fellowships only     | 2024/01/01 | 2026/12/31 | \$97,948  | \$97,948  | \$57,947  | \$48,974  |
| 1,219 | T35HL155018 | 5T35HL155018-04   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Summer Research in Vascular Surgery (SRVS)   | SACHDEV, ULKA              | Awarded. | Non-fellowships only | 2022/03/01 | 2027/02/28 | \$170,699 | \$170,699 | \$87,925  | \$35,471  |
| 1,220 | F31NS132443 | 5F31NS132443-02   | UT SOUTHWESTERN MEDICAL CENTER           | The role of SMAD3 in gene networks underlying human brain activity   | MOORE, HALEY D             | Awarded. | Fellowships only     | 2024/01/05 | 2026/09/04 | \$80,196  | \$80,196  | \$45,530  | \$40,485  |
| 1,221 | T32HL098054 | 2T32HL098054-16   | UNIVERSITY OF PENNSYLVANIA               | Training in Critical Care Health Policy Research   | HALPERN, SCOTT D           | Awarded. | Non-fellowships only | 2010/05/01 | 2030/04/30 | \$683,514 | \$683,514 | \$0       | \$683,514 |
| 1,222 | F32GM150243 | 5F32GM150243-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Uncovering the molecular mechanism of interphase nuclear pore complex assembly with spatiotemporal integrative modeling                  | LATHAM, ANDREW             | Awarded. | Fellowships only     | 2024/02/01 | 2027/01/31 | \$148,112 | \$148,112 | \$72,828  | \$74,284  |
| 1,223 | T35DC008763 | 5T35DC008763-18   | VANDERBILT UNIVERSITY MEDICAL CENTER     | Developing Research Careers in the Hearing Sciences II   | HOOD, LINDA J              | Awarded. | Non-fellowships only | 2007/04/01 | 2029/03/31 | \$89,030  | \$89,030  | \$44,406  | \$44,515  |

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|-------|-------------|--------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 1,224 | T32CA288354 | 1T32CA288354-01A.1 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Neuro-Oncology Translational Research Training Program (NOTR-TP)  | PRINS, ROBERT M              | Awarded. Non-fellowships only | 2025/02/01 | 2030/06/30 | \$343,634   | \$343,634   | \$0       | \$343,634 |
| 1,225 | T32CA186873 | 2T32CA186873-11    | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Translational Research Training in Cancer Prevention and Control  | YUAN, JIAN-MIN               | Awarded. Non-fellowships only | 2014/08/05 | 2030/01/31 | \$334,049   | \$334,049   | \$34,718  | \$334,049 |
| 1,226 | T35HL007479 | 2T35HL007479-41    | UNIVERSITY OF ARIZONA                   | Short-Term Institutional Research Training Grant  | WITTE, MARLYS HEARST         | Awarded. Non-fellowships only | 1981/05/01 | 2030/04/30 | \$207,736   | \$207,736   | \$0       | \$207,736 |
| 1,227 | F32EY035147 | 5F32EY035147-03    | ROCKEFELLER UNIVERSITY                  | Frontal cortical contributions to ventral stream visual processing  | MORRILL, RYAN JAMES          | Awarded. Fellowships only     | 2024/04/14 | 2027/04/13 | \$146,256   | \$146,256   | \$69,946  | \$76,756  |
| 1,228 | T32CA261856 | 5T32CA261856-04    | UNIVERSITY OF TX MD ANDERSON CAN CTR    | Image Guided Cancer Therapy Training Program  | BROCK, KRISTY                | Awarded. Non-fellowships only | 2022/04/01 | 2027/03/31 | \$1,089,828 | \$1,089,828 | \$521,594 | \$336,199 |
| 1,229 | F31NS135935 | 5F31NS135935-02    | JOHNS HOPKINS UNIVERSITY                | Characterizing novel Mixed Etiology Dementia models compromised for TDP-43 function   | BURNS, GRACE D               | Awarded. Fellowships only     | 2023/12/15 | 2026/10/14 | \$85,148    | \$85,148    | \$41,802  | \$42,574  |
| 1,230 | F30HL162459 | 5F30HL162459-04    | YALE UNIVERSITY                         | Identifying Disease-Specific Immune Cell Shifts in Chronic Fibrotic Interstitial Lung Diseases with Single-Cell RNA Sequencing                      | ZHAO, AMY YUE-TING           | Awarded. Fellowships only     | 2022/02/16 | 2026/02/15 | \$172,164   | \$172,164   | \$128,575 | \$53,974  |
| 1,231 | F32MH132174 | 5F32MH132174-03    | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Identifying the neural mechanisms of goal-directed decision-making in Parkinsons disease using closed-loop deep brain stimulation                   | HOY, COLIN                   | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$230,336   | \$230,336   | \$141,840 | \$81,756  |
| 1,232 | F32DK139628 | 5F32DK139628-02    | DUKE UNIVERSITY                         | F32 - Bitter chemosensation from gut to brain   | REICHER, NAAMA               | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$159,233   | \$159,233   | \$79,099  | \$80,134  |
| 1,233 | F31AR083740 | 5F31AR083740-02    | HARVARD UNIVERSITY                      | The tetraspanin CD151 and integrin α3β1 signaling complex in basement membrane adhesion   | LITZAU, LAUREN ANNE          | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$76,521    | \$76,521    | \$46,541  | \$35,118  |
| 1,234 | F32EY037105 | 1F32EY037105-01    | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Neural mechanisms of sensory encoding after photoreceptor degeneration  | BALRAJ, ANNIKA               | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$78,784    | \$78,784    | \$11,616  | \$78,784  |
| 1,235 | T32HL083825 | 5T32HL083825-17    | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Cardiovascular Epidemiology Training Program  | SEKIKAWA, AKIRA              | Awarded. Non-fellowships only | 2008/05/01 | 2029/01/31 | \$721,360   | \$721,360   | \$482,531 | \$271,787 |
| 1,236 | F30EY035154 | 5F30EY035154-02    | UNIV OF MARYLAND, COLLEGE PARK          | Combining OCE and Brillouin microscopy to evaluate in vivo lens biomechanics in Presbyopia  | SCHUMACHER, JUSTIN SCOTT     | Awarded. Fellowships only     | 2024/02/01 | 2028/01/31 | \$86,895    | \$86,895    | \$39,711  | \$48,804  |
| 1,237 | F30DK138710 | 5F30DK138710-02    | UNIVERSITY OF CALIFORNIA AT DAVIS       | Investigation of the Mechanism(s) of Beta and Delta Cell Coordination Under High Glucose  | POURHOSSEINZADEH, MOHAMMAD S | Awarded. Fellowships only     | 2024/03/01 | 2028/02/28 | \$83,136    | \$83,136    | \$43,898  | \$41,568  |
| 1,238 | F31HL167600 | 5F31HL167600-03    | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Dissection of Hematopoietic Stem and Progenitor Cell Differentiation during Embryogenesis   | NIZHNIK, ANASTASIA           | Awarded. Fellowships only     | 2023/04/16 | 2026/04/15 | \$145,642   | \$145,642   | \$97,631  | \$48,974  |
| 1,239 | F30HD113284 | 5F30HD113284-02    | NORTHWESTERN UNIVERSITY AT CHICAGO      | Follicle-Inherent Biomechanical Mechanisms Underlying Ovulation   | ZANIKER, EMILY               | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$88,974    | \$88,974    | \$38,196  | \$44,487  |
| 1,240 | F31EY037124 | 1F31EY037124-01    | UNIVERSITY OF WASHINGTON                | Roles of parvalbumin-expressing neurons in primate cortical processing  | BUN, LUKE MAR                | Awarded. Fellowships only     | 2025/03/16 | 2028/03/15 | \$48,974    | \$48,974    | \$0       | \$48,974  |
| 1,241 | F32AI174653 | 5F32AI174653-02    | HARVARD SCHOOL OF PUBLIC HEALTH         | Dissecting virulence gene regulatory pathways in M. tuberculosis clinical isolates  | CULVINER, PETER H            | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$160,256   | \$160,256   | \$100,429 | \$81,364  |
| 1,242 | F31DA057107 | 5F31DA057107-03    | STANFORD UNIVERSITY                     | Examining patterns of opioid overdose hotspots and opioid treatment deserts in California   | JAROS, SAMUEL                | Awarded. Fellowships only     | 2023/04/06 | 2025/09/05 | \$125,491   | \$125,491   | \$91,326  | \$30,135  |
| 1,243 | F30MH130104 | 5F30MH130104-04    | UNIVERSITY OF ROCHESTER                 | Neurophysiology of social processing and underlying perceptual deficits in schizophrenia  | PRZYSINDA, EMILY JOYCE DOYLE | Awarded. Fellowships only     | 2022/04/01 | 2026/03/31 | \$212,244   | \$212,244   | \$136,655 | \$53,974  |
| 1,244 | F31AI181536 | 5F31AI181536-02    | UNIVERSITY OF PENNSYLVANIA              | Cell-cell signaling in archaea: How Haloferax volcanii talk to each other   | CHATTERJEE, PRIYANKA         | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$51,424  | \$48,974  |
| 1,245 | F31DA058358 | 5F31DA058358-02    | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Determining the contribution of pathway-specific neural activity to individual and sex differences in the attribution of salience to emotional cues | CZESAK, FRANKIE NICOLE       | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$84,188    | \$84,188    | \$49,845  | \$42,094  |



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|-------|-------------|-------------------|---|--|----------------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,246 | F31DK137574 | 5F31DK137574-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Using molecular quantitative trait loci mapping approaches to determine candidate gene regulatory mechanisms of functional variants within inflammatory bowel disease GWAS loci. | NISHIYAMA, NINA                  | Awarded. Fellowships only     | 2024/03/01 | 2026/02/28 | \$85,148  | \$85,148  | \$49,787  | \$42,574  |
| 1,247 | F31NS132424 | 5F31NS132424-03   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Modulation of Somatic Repeat Expansion as a Therapeutic Approach to Huntingtons Disease  | BELGRAD, JILLIAN                 | Awarded. Fellowships only     | 2023/04/01 | 2026/07/31 | \$99,994  | \$99,994  | \$66,489  | \$33,758  |
| 1,248 | F30HD113414 | 5F30HD113414-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Genetic determinants of endoplasmic reticulum stress in OI and its consequences on cellular receptors  | KOT, ALEXANDER                   | Awarded. Fellowships only     | 2024/03/15 | 2027/03/14 | \$95,333  | \$95,333  | \$41,104  | \$53,974  |
| 1,249 | F31DK139736 | 5F31DK139736-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Elucidating the role of Myosin 5b in microvilli assembly and in the setting of inflammation  | DOOLEY, SARAH A                  | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$89,396  | \$89,396  | \$42,395  | \$44,698  |
| 1,250 | F31CA284555 | 5F31CA284555-02   | UNIVERSITY OF ROCHESTER                 | Identification and structural basis of a potential licensing factor of the Integrator cleavage module  | JENSEN, MADELINE K               | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$97,948  | \$97,948  | \$56,125  | \$48,974  |
| 1,251 | F31DK126391 | 5F31DK126391-05   | UT SOUTHWESTERN MEDICAL CENTER          | Bacterial Regulation of Intestinal Lipid Metabolism  | KOO, EUGENE                      | Awarded. Fellowships only     | 2021/04/01 | 2026/03/31 | \$177,740 | \$177,740 | \$138,685 | \$36,836  |
| 1,252 | F30CA281080 | 1F30CA281080-01A1 | UNIVERSITY OF PENNSYLVANIA              | Mechanisms of Lymphatic Metastasis in Pancreatic Ductal Adenocarcinoma   | KAHN, BENJAMIN MICHAEL           | Awarded. Fellowships only     | 2025/04/01 | 2026/05/31 | \$36,662  | \$36,662  | \$2,352   | \$36,662  |
| 1,253 | F31MH136686 | 1F31MH136686-01A1 | WASHINGTON UNIVERSITY                   | Generative Modeling of Excitation:Inhibition Balance Abnormalities in Schizophrenia  | PINE, JACOB                      | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$16,464  | \$48,974  |
| 1,254 | F31NS141483 | 1F31NS141483-01   | HARVARD MEDICAL SCHOOL                  | Dissecting How SYNJ2 Facilitates mRNA Targeting and Translation at Neuronal Mitochondria   | PENA, NICOLAI                    | Awarded. Fellowships only     | 2025/05/01 | 2028/02/29 | \$43,203  | \$43,203  | \$0       | \$43,203  |
| 1,255 | F30AI179110 | 5F30AI179110-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Characterization of the antimalarial drug resistance landscape in Kinshasa Province, Democratic Republic of the Congo  | FRANCOIS, RUTHLY                 | Awarded. Fellowships only     | 2024/04/01 | 2029/03/31 | \$88,024  | \$88,024  | \$41,046  | \$44,012  |
| 1,256 | F31HD117477 | 1F31HD117477-01   | PRINCETON UNIVERSITY                    | Dynamics of Developmental Defect Formation   | SIMPKINS, ALISON                 | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$32,974  | \$32,974  | \$7,056   | \$32,974  |
| 1,257 | F31HD113235 | 5F31HD113235-02   | UNIVERSITY OF PENNSYLVANIA              | Infant word learning and word recognition under realistic phonetic conditions  | BEECH, CAROLINE WENDELL          | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$96,668  | \$96,668  | \$66,100  | \$48,974  |
| 1,258 | F32GM153117 | 5F32GM153117-02   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Stereochemical Editing of Quaternary Stereocenters Enabled by Enantioselective Recombination of C–C Bonds  | HWANG, TAEHWAN                   | Awarded. Fellowships only     | 2024/01/19 | 2027/01/18 | \$147,236 | \$147,236 | \$73,183  | \$73,828  |
| 1,259 | F32CA298301 | 1F32CA298301-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Impact of LAG3 on CD8+ T cell motility and migration in the context of cancer immunotherapy  | BAESSLER, ANDREW STEPHEN         | Awarded. Fellowships only     | 2025/03/01 | 2026/02/28 | \$74,284  | \$74,284  | \$5,269   | \$74,284  |
| 1,260 | F30HD115297 | 1F30HD115297-01A1 | MAYO CLINIC ROCHESTER                   | Role of Hofbauer cells in prenatal inflammation at the maternal-fetal interface  | WENG, JESSICA                    | Awarded. Fellowships only     | 2025/01/01 | 2028/12/31 | \$49,174  | \$49,174  | \$3,940   | \$49,174  |
| 1,261 | F31AI189814 | 1F31AI189814-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | 3D Human Bone Marrow Microphysiological System Used to Investigate HSPC Mobilization via Inflammation-Derived ExtracellularVesicles  | ZARATE-SANCHEZ, EVELYN           | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$42,058  | \$42,058  | \$16,279  | \$42,058  |
| 1,262 | F31NS141217 | 1F31NS141217-01   | MAYO CLINIC ROCHESTER                   | Identifying molecular mechanisms contributing to disease etiology and the neurological symptoms associated with pediatric DPD deficiency   | BEMBENEK, BRIANNA                | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 1,263 | F32AG077907 | 5F32AG077907-03   | DUKE UNIVERSITY                         | Understanding the Mechanisms and Consequences of Basement Membrane Aging in Vivo   | RAMOS-LEWIS, WILLIAM DAVID       | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$223,230 | \$223,230 | \$171,706 | \$78,892  |
| 1,264 | F32ES034257 | 5F32ES034257-03   | UNIVERSITY OF TEXAS AT AUSTIN           | Endocrine Disruption of the Developing Dopamine System   | HILZ, EMILY NICOLE               | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$220,120 | \$220,120 | \$152,237 | \$76,756  |
| 1,265 | F31HL172346 | 5F31HL172346-02   | CINCINNATI CHILDRENS HOSP MED CTR       | Effects of early Retinoic Acid signaling on valve development  | FERNANDES, ANDREW THEODORE DAVID | Awarded. Fellowships only     | 2024/02/01 | 2028/01/31 | \$83,830  | \$83,830  | \$34,116  | \$41,915  |
| 1,266 | F32HD112123 | 5F32HD112123-02   | BAYLOR COLLEGE OF MEDICINE              | Nutrition Regulates Sexual Function  | WANG, MENGJIE                    | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$166,256 | \$166,256 | \$94,101  | \$84,364  |
| 1,267 | T32HL110841 | 5T32HL110841-12   | CHILDREN'S RESEARCH INSTITUTE           | Childrens Research Institute Hematology Research Training Grant  | LUBAN, NAOMI L                   | Awarded. Non-fellowships only | 2012/02/01 | 2029/02/28 | \$260,098 | \$260,098 | \$63,438  | \$146,179 |

|       |             |                   |  |  |                             |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,268 | F31DE033222 | 5F31DE033222-02   | UNIVERSITY OF IOWA                       | Deciphering a tissue specific role for Arhgap29 during palatogenesis   | ADELIZZI, EMILY             | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$71,532    | \$71,532    | \$38,096    | \$36,445  |
| 1,269 | F32NS129942 | 5F32NS129942-03   | STANFORD UNIVERSITY                      | Mechanisms of Presynaptic Maintenance in C. elegans  | HERBST, WENDY               | Awarded. Fellowships only     | 2023/02/15 | 2026/02/14 | \$225,148   | \$225,148   | \$152,443   | \$78,892  |
| 1,270 | T32GM133352 | 3T32GM133352-05S1 | DUKE UNIVERSITY                          | Data Science Foundations: Tools and Statistics for Modern Biomedical Research in the Cloud   | KUHN, CYNTHIA M             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,156,440 | \$3,156,440 | \$2,907,768 | \$151,556 |
| 1,271 | F31MH135649 | 5F31MH135649-02   | STATE UNIVERSITY OF NY,BINGHAMTON        | Neural Indices of Social and Monetary Reward Processing as Predictors of Real-World Pleasure and Affect in Adolescents at Risk for Depression            | ISRAEL, ELANA               | Awarded. Fellowships only     | 2024/03/14 | 2026/03/13 | \$67,416    | \$67,416    | \$36,493    | \$33,708  |
| 1,272 | F31DC021628 | 5F31DC021628-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Assessment of real-time reading comprehension in bilinguals with aphasia   | SCIMECA, MICHAEL DAVID      | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$77,498    | \$77,498    | \$40,037    | \$38,890  |
| 1,273 | F30CA278386 | 5F30CA278386-03   | MEDICAL COLLEGE OF WISCONSIN             | PBRM1 bromodomain missense mutations in ccRCC vascular signaling   | BURSCH, KARINA LYNN         | Awarded. Fellowships only     | 2023/05/01 | 2028/04/30 | \$151,912   | \$151,912   | \$90,539    | \$51,064  |
| 1,274 | T32AT003378 | 3T32AT003378-18S1 | UNIV OF NORTH CAROLINA CHAPEL HILL       | NCCIH T32 Complementary and Integrative Health Practitioner Supplement (Molinini)  | GAYLORD, SUSAN              | Awarded. Non-fellowships only | 2007/07/01 | 2027/06/30 | \$1,293,650 | \$1,293,650 | \$1,147,609 | \$99,647  |
| 1,275 | F32DK135401 | 3F32DK135401-02S1 | UNIVERSITY OF PENNSYLVANIA               | Identifying the contribution of a brainstem circuit to compulsive food seeking   | SMITH, NICHOLAS K           | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$146,364   | \$146,364   | \$126,820   | \$3,000   |
| 1,276 | F31HD118670 | 1F31HD118670-01   | OREGON HEALTH & SCIENCE UNIVERSITY       | Food and Light Cue Entrainment of the Ovulation Stimulating HPG Axis   | PAPICH, ZACHARY             | Awarded. Fellowships only     | 2025/04/09 | 2028/04/08 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,277 | F31DA060091 | 5F31DA060091-02   | UNIVERSITY OF COLORADO DENVER            | Nicotinic modulation of excitatory synapse development in the prefrontal cortex  | GOMEZ WULSCHNER, LUIS E     | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$73,182    | \$73,182    | \$46,198    | \$36,591  |
| 1,278 | F30CA291095 | 5F30CA291095-02   | MEDICAL COLLEGE OF WISCONSIN             | The role of CCR6 in Pancreatic Cancer and Tregs  | DROUILLARD, DONOVAN G       | Awarded. Fellowships only     | 2024/04/15 | 2028/04/14 | \$102,128   | \$102,128   | \$49,910    | \$51,064  |
| 1,279 | F32AI172434 | 5F32AI172434-03   | UNIVERSITY OF WISCONSIN-MADISON          | Biosynthesis of Non-Native Autoinducing Peptides   | WIDNER, DANIELLE LEE        | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$219,664   | \$219,664   | \$143,372   | \$76,756  |
| 1,280 | F32DE034986 | 1F32DE034986-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Multiparametric characterization of periodontal tissues for inflammation monitoring using quantitative ultrasound, texture analysis and machine learning | POUL, DARIA                 | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$74,284    | \$74,284    | \$0         | \$74,284  |
| 1,281 | F31HD118798 | 1F31HD118798-01   | EMORY UNIVERSITY                         | Investigating Mechanisms of D. melanogaster Histone Locus Body (HLB) Initiation and Maintenance  | ROOS, NICOLE SUNALEE        | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,282 | F31DA063322 | 1F31DA063322-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Investigating NOP agonists as a novel treatment for chronic pain-associated sleep disruptions  | PIERCE, BETHANY ELLIOTT     | Awarded. Fellowships only     | 2025/04/21 | 2028/04/20 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,283 | T32DK108736 | 3T32DK108736-08S1 | UNIVERSITY OF FLORIDA                    | Interdisciplinary Graduate Program in Type 1 Diabetes and Biomedical Engineering   | ATKINSON, MARK A            | Awarded. Non-fellowships only | 2017/09/01 | 2027/08/31 | \$616,896   | \$616,896   | \$514,968   | \$49,881  |
| 1,284 | F32DC022778 | 1F32DC022778-01   | STATE COLLEGE OF OPTOMETRY               | Auditory perceptual processing in the primate superior colliculus  | CONROY, CHRISTOPHER WOOD    | Awarded. Fellowships only     | 2025/02/15 | 2028/02/14 | \$77,284    | \$77,284    | \$0         | \$77,284  |
| 1,285 | F31AI186513 | 1F31AI186513-01A1 | OHIO STATE UNIVERSITY                    | Role of the Septin Cytoskeleton in Plasma Membrane Repair  | PRISLUSKY, MAURI ISABELLA A | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$44,015    | \$44,015    | \$5,090     | \$44,015  |
| 1,286 | T32GM136577 | 3T32GM136577-05S1 | JOHNS HOPKINS UNIVERSITY                 | Medical Scientist Training Program   | COX, ANDREA L               | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$9,307,687 | \$9,307,687 | \$8,414,450 | \$59,936  |
| 1,287 | T32HD007491 | 5T32HD007491-28   | UNIVERSITY OF UTAH                       | Developmental Biology Training Program   | KWAN, KRISTEN M             | Awarded. Non-fellowships only | 1995/09/29 | 2028/04/30 | \$1,321,762 | \$1,321,762 | \$634,847   | \$462,452 |
| 1,288 | F32AA031898 | 7F32AA031898-02   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Mechanisms by which alcohol disrupts astrocytic control of neuronal excitability   | EZERSKIY, LUBOV             | Awarded. Fellowships only     | 2024/10/01 | 2025/09/30 | \$73,408    | \$73,408    | \$42,779    | \$73,408  |
| 1,289 | F30DC023139 | 1F30DC023139-01   | UNIVERSITY OF VIRGINIA                   | Lipid Flippases in the Function and Degeneration of Sensory Hair Cells   | DE HOYOS, HENRY             | Awarded. Fellowships only     | 2025/05/01 | 2029/04/30 | \$38,381    | \$38,381    | \$0         | \$38,381  |



|       |             |                   |   |   |                           |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 1,290 | F31DC022138 | 1F31DC022138-01A1 | HARVARD MEDICAL SCHOOL                  | Cellular and functional heterogeneity of interhemispheric connections in the anterior olfactory nucleus   | NEWMAN, LEANNAH NICOLE    | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$36,983    | \$36,983    | \$0         | \$36,983    |
| 1,291 | F31DK137452 | 5F31DK137452-02   | YALE UNIVERSITY                         | Fate Specification of CFTR High Expresser Cells in the Intestine  | ZAGOREN, ELEANOR          | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$67,844    | \$67,844    | \$35,250    | \$33,922    |
| 1,292 | F32HD112151 | 1F32HD112151-01A1 | WEILL MEDICAL COLL OF CORNELL UNIV      | Defining the role of premature infant microbial dysbiosis in mediating immune development and response to infection   | BROWN, JULIA              | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$85,864    | \$85,864    | \$32,758    | \$85,864    |
| 1,293 | F30AG085974 | 1F30AG085974-01   | UNIVERSITY OF TEXAS MED BR GALVESTON    | Mechanisms of trans-synaptic pathological tau spreading in the human brain  | KADAMANGUDI, SHRINATH     | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$48,603    | \$48,603    | \$29,819    | \$48,603    |
| 1,294 | F31MH133296 | 5F31MH133296-02   | UNIVERSITY OF WASHINGTON                | Developing a Framework to Advance Cultural Sensitivity and Accommodate Behavioral Variability in Toddler Autism Screening: A Mixed-Methods Cross-Cultural Approach to Improve Autism Screening Accuracy | ATTAR, SHANA M            | Awarded. Fellowships only     | 2023/06/16 | 2026/06/15 | \$102,168   | \$102,168   | \$87,514    | \$51,974    |
| 1,295 | T32HD057822 | 5T32HD057822-15   | UNIVERSITY OF WASHINGTON                | Pediatric Injury Research Training Program  | RIVARA, FREDERICK P       | Awarded. Non-fellowships only | 2010/05/05 | 2026/04/30 | \$1,406,330 | \$1,406,330 | \$966,521   | \$301,127   |
| 1,296 | T32GM141323 | 5T32GM141323-04   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Medical Scientist Training Program (T32 NRSA Training Grant)  | KAO, AIMEE                | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$6,974,454 | \$6,974,454 | \$6,481,411 | \$1,798,078 |
| 1,297 | F31AI176711 | 1F31AI176711-01A1 | WASHINGTON UNIVERSITY                   | Androgen Enhancement of E. coli Hemolysin Toxicity during Pyelonephritis.   | KUHN, HUNTER W            | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$35,482    | \$35,482    | \$23,094    | \$35,482    |
| 1,298 | F31GM153141 | 1F31GM153141-01   | JOHNS HOPKINS UNIVERSITY                | The role of acetylated microtubules in cell migration   | SAEZ GONZALEZ, CRISTIAN J | Awarded. Fellowships only     | 2024/06/20 | 2026/06/19 | \$48,974    | \$48,974    | \$44,340    | \$48,974    |
| 1,299 | T32HD098068 | 5T32HD098068-05   | BAYLOR COLLEGE OF MEDICINE              | Comprehensive Mechanisms in Reproductive Sciences   | PANGAS, STEPHANIE A       | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$2,051,782 | \$2,051,782 | \$1,714,771 | \$410,676   |
| 1,300 | T32DK128770 | 5T32DK128770-03   | UNIVERSITY OF KANSAS MEDICAL CENTER     | Translating Obesity, Metabolic Dysfunction and Comorbid Disease States  | WRIGHT, DOUGLAS E         | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$491,127   | \$491,127   | \$340,072   | \$170,413   |
| 1,301 | T32NR020315 | 5T32NR020315-03   | JOHNS HOPKINS UNIVERSITY                | Strength-Based Health Equity Across the Life Course   | HAN, HAE-RA               | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,049,849 | \$1,049,849 | \$864,938   | \$410,796   |
| 1,302 | T32NS131190 | 5T32NS131190-02   | YALE UNIVERSITY                         | Multimodal Delineation of Neurodegenerative Mechanisms  | STRITTMATTER, STEPHEN M   | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$530,428   | \$530,428   | \$255,876   | \$368,999   |
| 1,303 | F31NR021094 | 1F31NR021094-01   | JOHNS HOPKINS UNIVERSITY                | Community Building in Group Antenatal Care in Malawi  | BATCHELDER, ANNE          | Awarded. Fellowships only     | 2024/05/15 | 2026/05/14 | \$51,974    | \$51,974    | \$44,718    | \$51,974    |
| 1,304 | F30CA271804 | 5F30CA271804-03   | STATE UNIVERSITY NEW YORK STONY BROOK   | Inducing PKM splice-switching with antisense oligonucleotides as an approach to treat hepatocellular carcinoma  | VOSS, DILLON MATTHEW      | Awarded. Fellowships only     | 2022/06/01 | 2027/05/31 | \$120,329   | \$120,329   | \$114,827   | \$41,277    |
| 1,305 | T32DA007237 | 5T32DA007237-35   | TEMPLE UNIV OF THE COMMONWEALTH         | Training Program: Drugs of Abuse & Related Neuropeptides  | UNTERWALD, ELLEN M        | Awarded. Non-fellowships only | 1988/09/01 | 2025/06/30 | \$1,833,676 | \$1,833,676 | \$2,198,883 | \$445,539   |
| 1,306 | T32MH019960 | 5T32MH019960-30   | WASHINGTON UNIVERSITY                   | Brown School Training Program in Mental Health Services Research  | CABASSA, LEOPOLDO J       | Awarded. Non-fellowships only | 1995/08/01 | 2025/06/30 | \$2,239,222 | \$2,239,222 | \$1,950,547 | \$417,080   |
| 1,307 | F31GM147952 | 5F31GM147952-02   | UNIVERSITY OF CONNECTICUT STORRS        | Investigating the conformational changes of the portal protein that drive DNA packaging in a dsDNA virus  | LEROUX, MAKAYLA           | Awarded. Fellowships only     | 2023/05/23 | 2025/11/24 | \$91,672    | \$91,672    | \$87,236    | \$46,476    |
| 1,308 | T32GM144274 | 5T32GM144274-02   | UNIVERSITY OF SOUTH FLORIDA             | Surgeon-Scientist Research Training in Injury Pathobiology and Outcomes In Critical Illness   | MAJETSCHAK, MATTHIAS      | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$267,101   | \$267,101   | \$208,234   | \$182,924   |
| 1,309 | T32DK094775 | 5T32DK094775-12   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Training in Basic and Translational Digestive Sciences  | KAO, JOHN Y               | Awarded. Non-fellowships only | 2012/07/01 | 2028/06/30 | \$457,625   | \$457,625   | \$380,740   | \$235,718   |
| 1,310 | T32MH015755 | 5T32MH015755-45   | UNIVERSITY OF MINNESOTA                 | Developmental Psychopathology   | GUNNAR, MEGAN R           | Awarded. Non-fellowships only | 1979/07/01 | 2028/06/30 | \$559,917   | \$559,917   | \$530,286   | \$261,163   |

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|-------|-------------|-------------------|--|---|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,311 | T32NS007413 | 5T32NS007413-27   | CHILDREN'S HOSP OF PHILADELPHIA          | Training Program in Neurodevelopmental Disabilities   | EISCH, AMELIA J        | Awarded. Non-fellowships only | 1998/07/01 | 2028/06/30 | \$839,021   | \$839,021   | \$590,223   | \$303,323 |
| 1,312 | F31DA059092 | 5F31DA059092-02   | UT SOUTHWESTERN MEDICAL CENTER           | alpha7 nicotinic acetylcholine receptor allosteric modulation and native structure  | BURKE, SEAN MICHAEL    | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$69,074    | \$69,074    | \$55,055    | \$35,177  |
| 1,313 | T32DK077662 | 5T32DK077662-17   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Transplant Surgery Scientist Training Program   | GREEN, RICHARD M       | Awarded. Non-fellowships only | 2007/07/01 | 2028/06/30 | \$534,467   | \$534,467   | \$393,895   | \$289,181 |
| 1,314 | F30CA268631 | 5F30CA268631-03   | HARVARD MEDICAL SCHOOL                   | Machine Learning Methods to Predict Cancer Progression and Estimate Treatment Effectiveness   | HUSSAIN, ZESHAN M      | Awarded. Fellowships only     | 2022/06/01 | 2027/02/28 | \$158,420   | \$158,420   | \$154,757   | \$53,974  |
| 1,315 | F31HD114532 | 1F31HD114532-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Regulation of stress and depression by hormonal contraceptives  | SCHUH, KRISTEN         | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$42,459    | \$42,459    | \$37,467    | \$42,459  |
| 1,316 | T32HD101392 | 5T32HD101392-05   | MIRIAM HOSPITAL                          | Research Training in Childhood Stress, Trauma, and Resilience   | STROUD, LAURA R        | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,693,907 | \$1,693,907 | \$1,346,593 | \$359,024 |
| 1,317 | F30DA054769 | 5F30DA054769-03   | VIRGINIA COMMONWEALTH UNIVERSITY         | Resting State fMRI Functional and Effective Connectivity in Opioid and Cocaine Use Disorders  | WOISARD, KYLE          | Awarded. Fellowships only     | 2022/06/10 | 2025/06/09 | \$123,065   | \$123,065   | \$105,564   | \$42,189  |
| 1,318 | F31MH132322 | 5F31MH132322-02   | UNIVERSITY OF COLORADO                   | BNST circuitry to hypothalamic regions in stress-induced avoidance  | LY, ANNIE              | Awarded. Fellowships only     | 2023/08/16 | 2026/08/15 | \$81,564    | \$81,564    | \$52,226    | \$41,422  |
| 1,319 | T32DK007563 | 5T32DK007563-37   | VANDERBILT UNIVERSITY                    | Multidisciplinary Training in Molecular Endocrinology   | O'BRIEN, RICHARD M     | Awarded. Non-fellowships only | 1998/07/01 | 2028/06/30 | \$1,384,839 | \$1,384,839 | \$748,600   | \$704,217 |
| 1,320 | F31AI176822 | 1F31AI176822-01A1 | PURDUE UNIVERSITY                        | MicroRNA-31 regulates neutrophil migration and activation   | PIKES, TYLER           | Awarded. Fellowships only     | 2024/05/13 | 2026/05/12 | \$48,974    | \$48,974    | \$43,349    | \$48,974  |
| 1,321 | T32HL007525 | 5T32HL007525-40   | JOHNS HOPKINS UNIVERSITY                 | Training Program in Hematology  | BRODSKY, ROBERT A      | Awarded. Non-fellowships only | 1982/07/01 | 2026/03/31 | \$1,576,790 | \$1,576,790 | \$1,407,136 | \$235,340 |
| 1,322 | T32GM008256 | 5T32GM008256-32   | UNIVERSITY OF TEXAS MED BR GALVESTON     | Postdoctoral Training in Trauma and Burns   | WOLF, STEVEN ERIC      | Awarded. Non-fellowships only | 1990/07/01 | 2028/06/30 | \$400,572   | \$400,572   | \$251,650   | \$209,264 |
| 1,323 | T32MH109436 | 5T32MH109436-07   | JOHNS HOPKINS UNIVERSITY                 | Mental Health Services and Systems Training Program   | STUART, ELIZABETH A    | Awarded. Non-fellowships only | 2017/07/01 | 2028/06/30 | \$292,414   | \$292,414   | \$269,230   | \$166,266 |
| 1,324 | F31AI181616 | 1F31AI181616-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | HIV/Mycobacterium tuberculosis co-infection: cellular dynamics in granulomas  | MEDRANO, JESSICA MARIE | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$53,974    | \$53,974    | \$10,153    | \$53,974  |
| 1,325 | F31AG086010 | 1F31AG086010-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | INVESTigations of Muscle and Bone Health: Developing Automated Approaches for CT-Based Analyses   | LYNCH, DELANIE         | Awarded. Fellowships only     | 2024/06/12 | 2027/06/11 | \$97,948    | \$48,974    | \$43,326    | \$48,974  |
| 1,326 | F32GM153152 | 1F32GM153152-01   | EMORY UNIVERSITY                         | Leveraging a budding yeast model to characterize the functional consequences of mutations in histone genes that are implicated in human disease | JONES, CELINA YVONNE   | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$73,828    | \$73,828    | \$51,624    | \$73,828  |
| 1,327 | F31NS118949 | 5F31NS118949-03   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Simultaneous Optical Voltage Imaging and fMRI in Behaving Mice  | DORAN, PATRICK         | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$117,618   | \$117,618   | \$107,016   | \$40,593  |
| 1,328 | F31HD110172 | 5F31HD110172-02   | UNIVERSITY OF NOTRE DAME                 | Longitudinal associations between maternal and child emotion regulation: Examining the role of maternal emotion-related socialization behaviors | EDLER, KATHERINE A     | Awarded. Fellowships only     | 2023/05/16 | 2026/05/15 | \$83,868    | \$83,868    | \$82,604    | \$42,574  |
| 1,329 | T32DA023356 | 5T32DA023356-18   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Training Program in Substance Use, HIV and Related Infections   | MARTIN, NATASHA        | Awarded. Non-fellowships only | 2007/07/05 | 2027/06/30 | \$1,670,645 | \$1,670,645 | \$1,330,709 | \$583,334 |
| 1,330 | F31AI181559 | 1F31AI181559-01   | OHIO STATE UNIVERSITY                    | Development of novel bacteriophage-based therapies to combat Pseudomonas aeruginosa and Candida spp. dual-species biofilms.                     | LAM, CHARLTON          | Awarded. Fellowships only     | 2024/08/01 | 2027/04/30 | \$37,359    | \$37,359    | \$26,314    | \$37,359  |
| 1,331 | T32DA019426 | 5T32DA019426-20   | YALE UNIVERSITY                          | Research Training Program in Substance Abuse Prevention   | TEBES, JACOB K         | Awarded. Non-fellowships only | 2005/07/01 | 2026/06/30 | \$2,145,096 | \$2,145,096 | \$2,047,178 | \$502,017 |
| 1,332 | T32DA031115 | 5T32DA031115-14   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Postdoctoral Training in Drug Abuse Research: Behavior & Neurobiology   | FRANCE, CHARLES P      | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,366,453 | \$1,366,453 | \$1,150,885 | \$182,963 |

|       |             |                   |   |  |                           |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 1,333 | T32HL110952 | 5T32HL110952-10   | UNIVERSITY OF PENNSYLVANIA              | Multi-Institutional Training in Genetic/Genomic Approaches to Sleep Disorders  | PACK, ALLAN I             | Awarded. Non-fellowships only | 2013/07/13 | 2025/06/07 | \$2,648,686 | \$2,648,686 | \$2,632,138 | \$260,267   |
| 1,334 | F32MH132152 | 5F32MH132152-02   | DUKE UNIVERSITY                         | Beyond dopamine: dual neuromodulator regulation of motor variability and learning  | SCHREINER, DREW CLINTON   | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$153,364   | \$153,364   | \$130,405   | \$79,284    |
| 1,335 | T32AI106699 | 5T32AI106699-10   | EMORY UNIVERSITY                        | Antimicrobial Resistance and Therapeutic Discovery Training Program  | SHAHER, WILLIAM MAURICE   | Awarded. Non-fellowships only | 2014/06/01 | 2026/05/31 | \$1,290,367 | \$1,290,367 | \$1,216,126 | \$267,847   |
| 1,336 | T32HL007822 | 5T32HL007822-25   | UNIVERSITY OF COLORADO DENVER           | Post Graduate Studies in Cardiovascular Research   | BUTTRICK, PETER N         | Awarded. Non-fellowships only | 1996/07/01 | 2025/06/30 | \$1,664,180 | \$1,664,180 | \$1,581,229 | \$243,985   |
| 1,337 | F30CA254064 | 5F30CA254064-04   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Detection and treatment of breast and colorectal cancer in dual eligible beneficiaries in the Medicare Sharing Savings Program | OH, NUL L                 | Awarded. Fellowships only     | 2020/07/09 | 2025/07/07 | \$181,334   | \$181,334   | \$173,092   | \$53,974    |
| 1,338 | T32AI100852 | 5T32AI100852-12   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Columbia Integrated Training Program in Infectious Diseases Research   | UHELMANN, ANNE-CATRIN     | Awarded. Non-fellowships only | 2013/06/01 | 2028/05/31 | \$361,623   | \$361,623   | \$299,412   | \$188,707   |
| 1,339 | F31HG013036 | 5F31HG013036-02   | HARVARD MEDICAL SCHOOL                  | The transcriptome-wide impact of biological perturbations  | NADIG, AJAY               | Awarded. Fellowships only     | 2023/05/01 | 2025/07/31 | \$72,432    | \$72,432    | \$60,672    | \$36,856    |
| 1,340 | T32HL007917 | 2T32HL007917-26   | BETH ISRAEL DEACONESS MEDICAL CENTER    | Program in Blood Coagulation and Vascular Biology  | FLAUMENHAFT, ROBERT C     | Awarded. Non-fellowships only | 1999/07/01 | 2029/08/31 | \$689,012   | \$689,012   | \$36,366    | \$689,012   |
| 1,341 | TL4GM118989 | 5TL4GM118989-10   | UNIVERSITY OF MARYLAND BALTIMORE COUNTY | STEM BUILD 2.0 at UBMC   | LACOURSE, WILLIAM RICHARD | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$710,713   | \$710,713   | \$4,341,222 | \$423,684   |
| 1,342 | F31HG013440 | 1F31HG013440-01   | JOHNS HOPKINS UNIVERSITY                | Evaluation of Polygenic Risk Scores as a Valid Instrument to Conduct Mendelian Randomization in Diverse Ancestry Populations   | SHARMA, JAYATI            | Awarded. Fellowships only     | 2024/11/01 | 2026/10/31 | \$48,974    | \$48,974    | \$26,112    | \$48,974    |
| 1,343 | T32GM108539 | 2T32GM108539-11   | WASHINGTON UNIVERSITY                   | TRAINING PROGRAM IN ANESTHESIOLOGY RESEARCH  | EVERS, ALEX S             | Awarded. Non-fellowships only | 2014/07/01 | 2029/06/30 | \$552,540   | \$552,540   | \$293,132   | \$552,540   |
| 1,344 | T32HL076139 | 2T32HL076139-21   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Training Program in Lung Sciences  | RIDGE, KAREN M            | Awarded. Non-fellowships only | 2004/04/01 | 2029/06/30 | \$643,788   | \$643,788   | \$243,067   | \$643,788   |
| 1,345 | T32DA024628 | 5T32DA024628-15   | TRUSTEES OF INDIANA UNIVERSITY          | INTEGRATIVE PREDOCTORAL TRAINING IN DRUG ABUSE RESEARCH AT INDIANA UNIVERSITY  | MACKIE, KENNETH           | Awarded. Non-fellowships only | 2008/07/01 | 2025/06/30 | \$1,048,157 | \$1,048,157 | \$993,923   | \$163,780   |
| 1,346 | T32GM152342 | 1T32GM152342-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | UCLA-Caltech Medical Scientist Training Program  | DAWSON, DAVID WAYNE       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,798,078 | \$1,798,078 | \$1,626,792 | \$1,798,078 |
| 1,347 | T32MH019927 | 5T32MH019927-30   | RHODE ISLAND HOSPITAL                   | Research Training in Child Mental Health   | SPIRITO, ANTHONY          | Awarded. Non-fellowships only | 1994/08/01 | 2025/06/30 | \$1,994,341 | \$1,994,341 | \$1,886,513 | \$383,321   |
| 1,348 | T32CA009686 | 5T32CA009686-27   | GEORGETOWN UNIVERSITY                   | Training Grant In Tumor Biology  | RIEGEL, ANNA TATE         | Awarded. Non-fellowships only | 1996/07/01 | 2025/08/31 | \$1,772,320 | \$1,772,320 | \$1,850,725 | \$304,503   |
| 1,349 | T32CA229114 | 2T32CA229114-06A1 | OHIO STATE UNIVERSITY                   | Training Program for Cancer Prevention and Control   | SHIELDS, PETER G          | Awarded. Non-fellowships only | 2018/09/01 | 2029/08/31 | \$315,140   | \$315,140   | \$0         | \$315,140   |
| 1,350 | F31DK136199 | 5F31DK136199-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Epigenetic regulation of keratinocyte function in normal and pathologic skin repair  | MOON, JADIE               | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$84,774    | \$84,774    | \$84,774    | \$43,027    |
| 1,351 | T32AI060537 | 5T32AI060537-20   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Microbial Pathogenesis and Host Defense  | ENGEL, JOANNE N           | Awarded. Non-fellowships only | 2004/08/01 | 2025/07/31 | \$1,580,948 | \$1,580,948 | \$1,576,057 | \$309,427   |
| 1,352 | T32MH079785 | 5T32MH079785-15   | TEMPLE UNIV OF THE COMMONWEALTH         | Interdisciplinary and Translational Research Training in NeuroHIV  | KHALILI, KAMEL            | Awarded. Non-fellowships only | 2008/07/01 | 2025/08/31 | \$1,846,936 | \$1,846,936 | \$1,897,586 | \$513,955   |
| 1,353 | T32GM008721 | 2T32GM008721-26   | UNIVERSITY OF FLORIDA                   | Molecular Biology in Burns and Trauma  | EFRON, PHILIP A           | Awarded. Non-fellowships only | 1999/07/01 | 2029/06/30 | \$353,436   | \$353,436   | \$261,183   | \$353,436   |
| 1,354 | F31AI181362 | 1F31AI181362-01   | UNIVERSITY OF KANSAS MEDICAL CENTER     | Characterization of the Staphylococcus aureus fatty acid degradation pathway   | MENJIVAR, CINDY           | Awarded. Fellowships only     | 2024/09/01 | 2028/08/31 | \$37,460    | \$37,460    | \$20,845    | \$37,460    |
| 1,355 | F31HD114364 | 1F31HD114364-01   | UNIVERSITY OF WASHINGTON                | Improving Contraceptive Care for Pregnancy-Capable Veterans with Autoimmune Conditions   | PLEASURE, ZOE HYPATIA     | Awarded. Fellowships only     | 2024/07/15 | 2027/07/14 | \$48,974    | \$48,974    | \$41,520    | \$48,974    |

|       |             |                    |   |   |                          |                               |            |            |             |             |             |             |
|-------|-------------|--------------------|---|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 1,356 | T32CA236734 | 5T32CA236734-05    | UNIVERSITY OF COLORADO DENVER               | Cancer Immunotherapy and Experimental Therapeutics - T32  | JIMENO, ANTONIO          | Awarded. Non-fellowships only | 2019/07/08 | 2025/06/30 | \$1,252,967 | \$1,252,967 | \$1,158,480 | \$130,419   |
| 1,357 | F30DE032598 | 1F30DE032598-01 A1 | UNIVERSITY OF CONNECTICUT SCHOOL OF MED/DNT | Molecular Mechanisms of Pseudomonas aeruginosa Antibiotic Persistence in Monocultures and Microbial Communities | HARE, PATRICIA JIN       | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$46,981    | \$46,981    | \$45,249    | \$44,481    |
| 1,358 | T35AI060528 | 5T35AI060528-20    | UNIVERSITY OF VIRGINIA                      | Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research               | PETRI, WILLIAM A         | Awarded. Non-fellowships only | 2004/06/01 | 2025/05/31 | \$318,878   | \$318,878   | \$277,245   | \$37,949    |
| 1,359 | T34GM100831 | 5T34GM100831-10    | ELIZABETH CITY STATE UNIVERSITY             | Elizabeth City State University Minority Access to Research Careers (E-MARC)                                    | BANERJEE, HIRENDRA N     | Awarded. Non-fellowships only | 2012/06/01 | 2025/05/31 | \$691,864   | \$691,864   | \$690,562   | \$123,446   |
| 1,360 | T32AR080623 | 5T32AR080623-03    | BOSTON UNIVERSITY MEDICAL CAMPUS            | Boston University Rheumatology Research Training (BURRT) T32 Program  | NEOGI, TUHINA            | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$894,645   | \$894,645   | \$363,065   | \$300,217   |
| 1,361 | F31GM145187 | 5F31GM145187-03    | ANTONIO                                     | Structure-Function Relationship study of HupZ   | TRAORE, EPHRAHIME        | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$117,020   | \$117,020   | \$96,199    | \$40,174    |
| 1,362 | T32DC016903 | 2T32DC016903-06    | UNIVERSITY OF PENNSYLVANIA                  | Cross-disciplinary training in computational approaches to the neuroscience of audition and communication       | COHEN, YALE E            | Awarded. Non-fellowships only | 2018/07/01 | 2029/06/30 | \$196,304   | \$196,304   | \$36,321    | \$196,304   |
| 1,363 | T32GM145432 | 5T32GM145432-02    | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER     | South Texas Medical Scientist Training Program (STX-MSTP)   | CAVAZOS, JOSE E          | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,112,204 | \$1,112,204 | \$950,053   | \$566,455   |
| 1,364 | F31DK135369 | 5F31DK135369-02    | PURDUE UNIVERSITY                           | A T cell STAT3/BATF-axis regulates intestinal $\gamma\delta$ T cell homeostasis and disease                     | ANDERSON, NICOLE         | Awarded. Fellowships only     | 2023/08/21 | 2025/08/20 | \$79,656    | \$79,656    | \$59,933    | \$40,468    |
| 1,365 | T32AR073157 | 2T32AR073157-06    | RUSH UNIVERSITY MEDICAL CENTER              | Pre and Post-Doctoral Training in Joint Health  | SUMNER, D RICK           | Awarded. Non-fellowships only | 2019/06/01 | 2029/05/31 | \$367,877   | \$367,877   | \$244,133   | \$367,877   |
| 1,366 | T32GM149363 | 5T32GM149363-02    | VANDERBILT UNIVERSITY                       | Training in Pharmacological Sciences  | IVERSON, T M             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$541,830   | \$541,830   | \$413,367   | \$329,616   |
| 1,367 | T32HL007444 | 5T32HL007444-42    | UNIVERSITY OF CALIFORNIA, SAN DIEGO         | Training in Cardiovascular Physiology and Pharmacology  | ROSS, ROBERT SCOTT       | Awarded. Non-fellowships only | 1979/07/01 | 2028/06/30 | \$1,420,196 | \$1,420,196 | \$1,045,775 | \$723,873   |
| 1,368 | T34GM145507 | 5T34GM145507-03    | UNIVERSITY OF TEXAS SAN ANTONIO             | MARC at the University of Texas at San Antonio  | BAREA-RODRIGUEZ, EDWIN J | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$1,518,134 | \$1,518,134 | \$1,407,459 | \$554,028   |
| 1,369 | T32GM141949 | 5T32GM141949-04    | WEILL MEDICAL COLL OF CORNELL UNIV          | Predoctoral Training in Pharmacological Sciences  | GROSS, STEVEN S          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,531,959 | \$439,487   |
| 1,370 | T32GM145407 | 5T32GM145407-03    | HARVARD MEDICAL SCHOOL                      | Molecular, Cellular, and Developmental Mechanisms   | VAN VACTOR, DAVID L      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$3,200,511 | \$3,200,511 | \$2,772,568 | \$1,098,718 |
| 1,371 | T32HG008962 | 5T32HG008962-09    | UNIVERSITY OF UTAH                          | Training Program in Genomic Medicine  | JORDE, LYNN              | Awarded. Non-fellowships only | 2016/06/01 | 2026/05/31 | \$1,142,434 | \$1,142,434 | \$1,192,823 | \$285,763   |
| 1,372 | F31DK135181 | 5F31DK135181-02    | UNIVERSITY OF MICHIGAN AT ANN ARBOR         | Mechanisms of adipocyte loss in mouse models of familial partial lipodystrophy 2                                | MAUNG, JESSICA NANDA     | Awarded. Fellowships only     | 2023/07/01 | 2025/12/31 | \$82,918    | \$82,918    | \$82,918    | \$42,099    |
| 1,373 | T32CA009109 | 5T32CA009109-48    | UNIVERSITY OF VIRGINIA                      | Cancer Research Training Program: From Molecular Mechanisms to Therapeutic Strategies                           | DUDLEY, ANDREW CARL      | Awarded. Non-fellowships only | 1976/07/01 | 2027/06/30 | \$1,164,105 | \$1,164,105 | \$1,038,376 | \$424,585   |
| 1,374 | T32GM139786 | 5T32GM139786-04    | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO     | Tetrad: Genetics, Cell Biology, Biochemistry and Molecular Biology Training Grant                               | JURA, NATALIA            | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$4,296,587 | \$4,296,587 | \$3,798,343 | \$1,139,878 |
| 1,375 | T32GM132037 | 2T32GM132037-06    | NEW YORK UNIVERSITY                         | The Quantitative Biological Systems Training (QBIST) Program  | GRESHAM, DAVID           | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$439,487   | \$439,487   | \$292,479   | \$439,487   |
| 1,376 | T32HL007249 | 5T32HL007249-47    | UNIVERSITY OF ARIZONA                       | Interdisciplinary Training in Cardiovascular Research   | KONHILAS, JOHN P         | Awarded. Non-fellowships only | 1977/07/01 | 2028/05/31 | \$1,359,149 | \$1,359,149 | \$1,185,071 | \$662,163   |
| 1,377 | F31NS130956 | 5F31NS130956-02    | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO     | The role of the extracellular matrix in establishing Schwann cell polarity                                      | LILLIS, MONIQUE          | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$88,165    | \$88,165    | \$73,033    | \$45,009    |
| 1,378 | T32DK127977 | 5T32DK127977-03    | UNIVERSITY OF SOUTHERN CALIFORNIA           | Translational Research Training in Hepatology   | TERRAULT, NORAH A        | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$614,787   | \$614,787   | \$97,619    | \$266,515   |
| 1,379 | F30GM146451 | 5F30GM146451-03    | STATE UNIVERSITY OF NEW YORK AT BUFFALO     | Oral to Gut Microbiome Transmission in Periodontitis and Type 2 Diabetes  | JUNE, ARMOND             | Awarded. Fellowships only     | 2022/06/01 | 2027/05/31 | \$120,581   | \$120,581   | \$66,606    | \$53,974    |

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|-------|-------------|-------------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,380 | F32CA278619 | 5F32CA278619-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Structural Insights into Leucine Transport for mTORC1 Activation                                  | SAE HER, AMPON           | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$146,256   | \$146,256   | \$136,022   | \$76,756  |
| 1,381 | F31EY033983 | 5F31EY033983-03   | UNIVERSITY OF WASHINGTON                 | Understanding mitochondrial movement and turnover in stressed and unstressed photoreceptors       | RUTTER, KAITLYN MICHELLE | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$126,621   | \$126,621   | \$83,247    | \$43,374  |
| 1,382 | T32GM145461 | 5T32GM145461-03   | UNIVERSITY OF ROCHESTER                  | NIH Training Grant in Chemistry-Biology Interface   | NILSSON, BRADLEY L       | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$640,107   | \$640,107   | \$489,142   | \$219,744 |
| 1,383 | T90DE030859 | 5T90DE030859-04   | OREGON HEALTH & SCIENCE UNIVERSITY       | PORT (Portland Oral health Research Training)   | WU, HUI                  | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,767,394 | \$1,767,394 | \$1,139,199 | \$508,802 |
| 1,384 | T32MH016880 | 5T32MH016880-43   | UNIVERSITY OF COLORADO                   | Research Training: Mental Health Behavior Genetics  | KELLER, MATTHEW CHARLES  | Awarded. Non-fellowships only | 1989/07/01 | 2025/06/30 | \$1,203,093 | \$1,203,093 | \$1,107,846 | \$243,392 |
| 1,385 | T32DK007161 | 5T32DK007161-49   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Training Program in Pediatric Endocrinology   | GITELMAN, STEPHEN E      | Awarded. Non-fellowships only | 1976/07/01 | 2027/06/30 | \$802,870   | \$802,870   | \$762,929   | \$270,673 |
| 1,386 | T32ES033959 | 5T32ES033959-02   | VIRGINIA POLYTECHNIC INST AND ST UNIV    | Rural Environmental Health Training Program   | GOHLKE, JULIA M          | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$194,534   | \$194,534   | \$136,089   | \$146,232 |
| 1,387 | T32DK007074 | 5T32DK007074-51   | UNIVERSITY OF CHICAGO                    | Digestive Health and Diseases (DHD) Training Grant  | CHANG, EUGENE B          | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$2,637,444 | \$2,637,444 | \$1,991,313 | \$568,921 |
| 1,388 | T32GM145467 | 5T32GM145467-03   | UNIVERSITY OF GEORGIA                    | T32 Predoctoral training grant in Glycosciences   | HALTIWANGER, ROBERT S    | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$640,103   | \$640,103   | \$461,897   | \$219,744 |
| 1,389 | T32AI052071 | 5T32AI052071-22   | JOHNS HOPKINS UNIVERSITY                 | Research Training in Pediatric Infectious Diseases  | JAIN, SANJAY             | Awarded. Non-fellowships only | 2002/07/01 | 2028/07/31 | \$709,184   | \$709,184   | \$583,220   | \$362,691 |
| 1,390 | F30DK131911 | 5F30DK131911-03   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Depleting Somatostatinergic Neurons Recapitulates Diabetic Phenotypes In Brain and Adipose Tissue | ROSENCRANS, ROBERT F     | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$136,262   | \$136,262   | \$115,094   | \$50,936  |
| 1,391 | T32AI095202 | 5T32AI095202-15   | VANDERBILT UNIVERSITY MEDICAL CENTER     | Childhood Infections Research Program   | CASSAT, JAMES E          | Awarded. Non-fellowships only | 2011/08/01 | 2026/07/31 | \$1,035,496 | \$1,035,496 | \$1,015,210 | \$322,401 |
| 1,392 | T32GM145455 | 5T32GM145455-03   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Training Program in Quantitative Biology & Physiology (QBP)                                       | WHITE, JOHN A            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,600,256 | \$1,600,256 | \$1,282,312 | \$549,359 |
| 1,393 | T32AI060530 | 5T32AI060530-19   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Training in HIV Translational Research  | HAVLIR, DIANE V          | Awarded. Non-fellowships only | 2005/09/05 | 2026/07/31 | \$1,017,506 | \$1,017,506 | \$887,534   | \$453,828 |
| 1,394 | T32HL007971 | 5T32HL007971-23   | UNIVERSITY OF PENNSYLVANIA               | Training grant in hemostasis and thrombosis   | CAMIRE, RODNEY M         | Awarded. Non-fellowships only | 2001/07/01 | 2027/06/30 | \$1,060,018 | \$1,060,018 | \$837,787   | \$332,182 |
| 1,395 | T32ES011564 | 5T32ES011564-19   | UNIVERSITY OF LOUISVILLE                 | UOFL ENVIRONMENTAL HEALTH SCIENCES TRAINING PROGRAM   | WISE, JOHN PIERCE        | Awarded. Non-fellowships only | 2002/07/01 | 2026/06/30 | \$1,797,203 | \$1,797,203 | \$1,397,610 | \$456,674 |
| 1,396 | T32HL007698 | 5T32HL007698-29   | UNIVERSITY OF MARYLAND BALTIMORE         | Interdisciplinary Training Program in Cardiovascular Disease                                      | STRICKLAND, DUDLEY K     | Awarded. Non-fellowships only | 1991/07/01 | 2027/06/30 | \$1,798,846 | \$1,798,846 | \$1,583,847 | \$613,096 |
| 1,397 | TL1TR001437 | 5TL1TR001437-10   | MEDICAL COLLEGE OF WISCONSIN             | J. NRSA Training Core   | THOMAS, DANNY GEORGE     | Awarded. Non-fellowships only | 2015/08/18 | 2025/07/31 | \$1,951,861 | \$1,951,861 | \$1,873,111 | \$502,392 |
| 1,398 | T32GM135122 | 5T32GM135122-04   | UNIV OF NORTH CAROLINA CHAPEL HILL       | UNC Chemical Biology Interface Training Program   | AUBE, JEFFREY            | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$978,282   | \$978,282   | \$839,738   | \$281,364 |
| 1,399 | T32HL007560 | 5T32HL007560-42   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Cardiovascular Behavioral Medicine Research Training  | THURSTON, REBECCA C      | Awarded. Non-fellowships only | 1988/07/01 | 2028/07/31 | \$1,104,253 | \$1,104,253 | \$726,582   | \$546,430 |
| 1,400 | T32AI007413 | 5T32AI007413-32   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Research Training in Experimental Immunology  | MOORE, BETHANY B         | Awarded. Non-fellowships only | 1993/05/01 | 2028/07/31 | \$1,050,551 | \$1,050,551 | \$1,048,074 | \$533,441 |
| 1,401 | T32TR004915 | 1T32TR004915-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | CTSA Postdoctoral T32 at Wake Forest  | TOOZE, JANET A           | Awarded. Non-fellowships only | 2024/07/22 | 2029/06/30 | \$209,340   | \$209,340   | \$132,976   | \$209,340 |
| 1,402 | T32EY007043 | 2T32EY007043-46A1 | UNIVERSITY OF CALIFORNIA BERKELEY        | Training Program in Vision Science  | ROORDA, AUSTIN           | Awarded. Non-fellowships only | 1982/07/01 | 2029/07/31 | \$555,162   | \$555,162   | \$396,393   | \$555,162 |
| 1,403 | F31AG079636 | 5F31AG079636-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Social Determinants of Cardiovascular Health and Mortality among Older Adults with Hearing Loss   | TAN, NASYA S             | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668    | \$96,668    | \$96,668    | \$48,974  |

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|-------|-------------|-------------------|--|--|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,404 | T32CA119925 | 2T32CA119925-16A1 | VANDERBILT UNIVERSITY                      | Integrated Biological Systems Training in Oncology   | TANSEY, WILLIAM PATRICK        | Awarded. Non-fellowships only | 2008/06/01 | 2029/08/31 | \$489,987   | \$489,987   | \$83,622    | \$489,987 |
| 1,405 | T32GM139794 | 5T32GM139794-04   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | UCSF/UCB Joint Graduate Group in Bioengineering  | HERNANDEZ, CHRISTOPHER JOHN    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,593,385 | \$3,593,385 | \$3,288,196 | \$824,039 |
| 1,406 | F30DE029986 | 5F30DE029986-04   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | microRNA regulation of osteocyte metabolism in bone remodeling   | YOON, JIHEE                    | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$203,664   | \$203,664   | \$185,072   | \$54,774  |
| 1,407 | T32GM139775 | 5T32GM139775-03   | HARVARD UNIVERSITY                         | Harvard Chemical Biology PhD Program   | COLE, PHILIP A                 | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,600,256 | \$1,600,256 | \$1,446,856 | \$549,359 |
| 1,408 | T32MH020016 | 2T32MH020016-26A1 | STANFORD UNIVERSITY                        | Neuroscience Research Training   | MADUKE, MERRITT C              | Awarded. Non-fellowships only | 1997/09/30 | 2029/06/30 | \$597,546   | \$597,546   | \$289,108   | \$597,546 |
| 1,409 | T32ES007069 | 5T32ES007069-45   | HARVARD SCHOOL OF PUBLIC HEALTH            | Training Program in Environmental Epidemiology   | LADEN, FRANCINE                | Awarded. Non-fellowships only | 1978/07/01 | 2025/06/30 | \$3,462,303 | \$3,462,303 | \$3,041,876 | \$738,920 |
| 1,410 | T32GM136629 | 5T32GM136629-05   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Training Program at the Chemistry Biology Interface  | HERGENROTHER, PAUL             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,013,495 | \$3,013,495 | \$2,531,582 | \$588,797 |
| 1,411 | F32MH134631 | 5F32MH134631-02   | EMORY UNIVERSITY                           | Neurophysiological mechanisms of anhedonia and cognitive control deficits in trauma-exposed people completing vibroacoustically augmented breath focused mindfulness | MCDERMOTT, TIMOTHY             | Awarded. Fellowships only     | 2023/08/14 | 2026/03/31 | \$142,512   | \$142,512   | \$114,559   | \$73,828  |
| 1,412 | F31MH132197 | 5F31MH132197-02   | VANDERBILT UNIVERSITY                      | Elucidation of Nanostructure and Function of Spontaneous GABAergic Transmission at the Inhibitory Synapse  | GUZIKOWSKI, NATALIE            | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$67,309    | \$67,309    | \$60,492    | \$34,304  |
| 1,413 | T32GM150479 | 1T32GM150479-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | BMI Bioinformatics Training Grant  | HERNANDEZ, RYAN D              | Awarded. Non-fellowships only | 2024/07/15 | 2029/06/30 | \$518,179   | \$518,179   | \$290,428   | \$518,179 |
| 1,414 | F31DK134199 | 5F31DK134199-03   | EMORY UNIVERSITY                           | Establishing Sox9 as a regulator of intrahepatic bile duct development and regeneration  | HRNCIR, HANNAH ROSE            | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$143,420   | \$143,420   | \$126,874   | \$48,974  |
| 1,415 | T32CA272303 | 5T32CA272303-02   | UNIVERSITY OF ARIZONA                      | T32 Cancer Prevention and Control Training Program Addressing Health Disparities   | BADGER, TERRY A                | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$696,125   | \$696,125   | \$346,849   | \$363,543 |
| 1,416 | T32AG027708 | 5T32AG027708-15   | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Interdisciplinary Research Training on Health and Aging  | KOBAYASHI, LINDSAY C           | Awarded. Non-fellowships only | 2008/05/01 | 2025/12/31 | \$808,259   | \$808,259   | \$777,812   | \$89,633  |
| 1,417 | T34GM149445 | 5T34GM149445-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO        | MARC at University of California, San Diego  | DE MAIO, ANTONIO               | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$861,944   | \$861,944   | \$334,418   | \$430,972 |
| 1,418 | T32CA009582 | 5T32CA009582-37   | VANDERBILT UNIVERSITY                      | Biochemical and Chemical Training for Cancer Research  | HIEBERT, SCOTT W               | Awarded. Non-fellowships only | 1987/06/01 | 2028/05/31 | \$745,131   | \$745,131   | \$591,141   | \$374,943 |
| 1,419 | T32DK007356 | 2T32DK007356-46   | YALE UNIVERSITY                            | Training Program in Investigative Hepatology   | NATHANSON, MICHAEL H           | Awarded. Non-fellowships only | 1984/07/01 | 2029/06/30 | \$356,453   | \$356,453   | \$267,983   | \$356,453 |
| 1,420 | T32NR009356 | 2T32NR009356-16   | UNIVERSITY OF PENNSYLVANIA                 | Individualized Care for At Risk Older Adults   | NAYLOR, MARY D                 | Awarded. Non-fellowships only | 2007/07/01 | 2029/06/30 | \$376,906   | \$376,906   | \$196,237   | \$376,906 |
| 1,421 | F31MH133295 | 5F31MH133295-02   | UNIVERSITY OF WASHINGTON                   | Cell-type and whole-brain dynamics underlying operant social stress resiliency   | NAVARRETE, JOVANA              | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$96,668    | \$48,974  |
| 1,422 | F31AG082397 | 5F31AG082397-02   | UNIVERSITY OF SOUTH FLORIDA                | BIN1-interactome in Alzheimers disease pathophysiology   | MCMILLAN, JOSEPH               | Awarded. Fellowships only     | 2023/08/14 | 2025/08/13 | \$77,279    | \$77,279    | \$63,546    | \$39,373  |
| 1,423 | T34GM136451 | 5T34GM136451-05   | VANDERBILT UNIVERSITY                      | MARC at Vanderbilt University  | MCMAHON, DOUGLAS G             | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$1,989,054 | \$1,989,054 | \$1,740,638 | \$199,734 |
| 1,424 | T32EB034216 | 5T32EB034216-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH     | Biomechanics in Regenerative Medicine (BiRM) Training Program  | VORP, DAVID ALAN               | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$450,598   | \$450,598   | \$278,794   | \$228,254 |
| 1,425 | F30DA054764 | 5F30DA054764-03   | VANDERBILT UNIVERSITY                      | Accumbal integration of brain wide glutamatergic inputs and their dysregulation by cocaine self-administration   | GABRIEL, STEPHANIE ANN CAJIGAS | Awarded. Fellowships only     | 2022/06/01 | 2026/05/31 | \$118,887   | \$118,887   | \$93,400    | \$53,931  |



|       |             |                   |  |   |                                  |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,426 | T32GM131994 | 2T32GM131994-06   | TRUSTEES OF INDIANA UNIVERSITY           | Graduate Training Program in Quantitative and Chemical Biology at Indiana University Bloomington                                | GIEDROC, DAVID P                 | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$329,616   | \$329,616   | \$263,365   | \$329,616 |
| 1,427 | T32EB005970 | 2T32EB005970-16A1 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Training Clinical Scientists in Radiological Imaging  | RAKOW-PENNER, REBECCA ANN        | Awarded. Non-fellowships only | 2007/07/01 | 2029/06/30 | \$290,246   | \$290,246   | \$135,694   | \$290,246 |
| 1,428 | T32CA083654 | 2T32CA083654-21A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Biostatistics Training Program in Cancer Research   | BALADANDAYUTHAPANI, VEERABHADRAN | Awarded. Non-fellowships only | 2002/07/01 | 2029/07/31 | \$277,380   | \$277,380   | \$226,903   | \$277,380 |
| 1,429 | T32AI007496 | 5T32AI007496-29   | UNIVERSITY OF VIRGINIA                   | Interdisciplinary Training Program in Immunology  | SPERLING, ANNE I                 | Awarded. Non-fellowships only | 1995/07/01 | 2026/06/30 | \$2,142,728 | \$2,142,728 | \$1,548,606 | \$437,025 |
| 1,430 | F32GM150204 | 5F32GM150204-02   | BRANDEIS UNIVERSITY                      | Mechanisms of septin-actin cytoskeletal crosstalk   | MAGLIOZZI, JOSEPH O              | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$145,416   | \$145,416   | \$122,148   | \$74,284  |
| 1,431 | T34GM149812 | 5T34GM149812-02   | UNIVERSITY OF COLORADO DENVER            | MARC at the University of Colorado Denver   | ALLEN, RICHARD M                 | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$452,709   | \$452,709   | \$332,811   | \$301,806 |
| 1,432 | T32TR004905 | 1T32TR004905-01   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | CTSA Predoctoral T32 at the University of Texas Health Science Center at Houston  | FROST, JEFFREY A                 | Awarded. Non-fellowships only | 2024/08/01 | 2029/06/30 | \$265,752   | \$265,752   | \$57,048    | \$265,752 |
| 1,433 | F30HL160122 | 5F30HL160122-03   | MEDICAL COLLEGE OF WISCONSIN             | Investigating the role of brainstem neuroinflammation in cardiorespiratory control in a rat model of recurrent epilepsy         | OSMANI, WASIF A                  | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$149,690   | \$149,690   | \$133,197   | \$51,064  |
| 1,434 | F31AI172324 | 5F31AI172324-02   | BAYLOR COLLEGE OF MEDICINE               | Effect of Mucins and Dolosigranlulum pigrum on Staphylococcus aureus nasal colonization   | BOYD, ANDREA IVEY                | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$89,826    | \$48,974  |
| 1,435 | T32MH106454 | 5T32MH106454-09   | UNIVERSITY OF TEXAS AT AUSTIN            | Training in Learning and Memory   | PRESTON, ALISON R                | Awarded. Non-fellowships only | 2015/07/01 | 2026/06/30 | \$1,015,787 | \$1,015,787 | \$776,255   | \$240,844 |
| 1,436 | F30CA275269 | 5F30CA275269-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Dissecting innate immune mechanisms of resistance to checkpoint blockade therapy in bladder cancer                              | TRAN, MICHELLE ALYSSA            | Awarded. Fellowships only     | 2022/07/11 | 2026/07/10 | \$146,660   | \$146,660   | \$144,912   | \$53,974  |
| 1,437 | T32AR007411 | 5T32AR007411-39   | UNIVERSITY OF COLORADO DENVER            | Training in Translational Research of Skin Diseases   | ROOP, DENNIS                     | Awarded. Non-fellowships only | 1981/07/01 | 2026/06/30 | \$1,183,556 | \$1,183,556 | \$772,824   | \$229,498 |
| 1,438 | F30CA275327 | 5F30CA275327-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | VEGF/Neuropilin-2 Signaling and Radioresistance in Triple-Negative Breast Cancer  | KUMAR, AYUSH                     | Awarded. Fellowships only     | 2023/06/28 | 2027/03/27 | \$68,613    | \$68,613    | \$66,108    | \$33,758  |
| 1,439 | F31CA268785 | 5F31CA268785-03   | UNIVERSITY OF ARIZONA                    | Coordinated Actions of SNAI1 and AR in Prostate Cancer Dissemination and Metastatic Outgrowth                                   | TRAN, JACK                       | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$128,771   | \$128,771   | \$122,767   | \$44,762  |
| 1,440 | T90DE030854 | 5T90DE030854-04   | UNIVERSITY OF PENNSYLVANIA               | Advanced Training at the Interface of Engineering and Oral-Craniofacial Sciences  | KOO, HYUN                        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,048,076 | \$1,048,076 | \$798,453   | \$278,862 |
| 1,441 | T32AI007632 | 5T32AI007632-25   | UNIVERSITY OF PENNSYLVANIA               | HIV Pathogenesis, Vaccination and Cure  | BUSHMAN, FREDERIC D              | Awarded. Non-fellowships only | 2000/09/01 | 2025/08/31 | \$2,493,521 | \$2,493,521 | \$2,265,329 | \$492,527 |
| 1,442 | T32AI007535 | 5T32AI007535-24   | HARVARD SCHOOL OF PUBLIC HEALTH          | Epidemiology of Infectious Diseases   | LIPSITCH, MARC                   | Awarded. Non-fellowships only | 1998/09/30 | 2026/08/31 | \$1,490,020 | \$1,490,020 | \$1,024,019 | \$404,798 |
| 1,443 | F30CA265069 | 5F30CA265069-04   | UNIVERSITY OF PENNSYLVANIA               | The Role of Glutamine Metabolism in Monocyte-Derived Dendritic Cell Differentiation in the Soft-Tissue Sarcoma Microenvironment | LOBEL, GRAHAM                    | Awarded. Fellowships only     | 2021/07/08 | 2026/07/07 | \$156,773   | \$156,773   | \$144,479   | \$36,413  |
| 1,444 | F31CA281246 | 5F31CA281246-02   | COLD SPRING HARBOR LABORATORY            | The impact of sepsis-induced inflammation on pancreatic cancer liver metastasis   | SIVETZ, NICOLE                   | Awarded. Fellowships only     | 2023/07/16 | 2025/07/15 | \$96,668    | \$96,668    | \$89,343    | \$48,974  |
| 1,445 | T32GM144299 | 5T32GM144299-03   | ROCKEFELLER UNIVERSITY                   | Genetics and Cell Biology Training Program  | STEARNS, TIM                     | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,280,204 | \$1,280,204 | \$1,152,584 | \$439,487 |
| 1,446 | T32NS073548 | 5T32NS073548-12   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Training in Mechanisms and Clinical Presentation of Pain  | GOLD, MICHAEL S                  | Awarded. Non-fellowships only | 2012/07/01 | 2028/06/30 | \$564,702   | \$564,702   | \$506,347   | \$275,806 |
| 1,447 | F32CA275298 | 5F32CA275298-03   | MASSACHUSETTS GENERAL HOSPITAL           | Enhanced antigen-lymphocyte interactions to improve immune checkpoint blockade in breast cancer                                 | O'MELIA, MEGHAN                  | Awarded. Fellowships only     | 2022/07/10 | 2025/07/09 | \$213,430   | \$213,430   | \$170,958   | \$76,756  |
| 1,448 | T32EY007001 | 5T32EY007001-47   | BAYLOR COLLEGE OF MEDICINE               | Research Training in Visual Sciences  | WU, SAMUEL M                     | Awarded. Non-fellowships only | 1975/07/01 | 2028/07/31 | \$454,375   | \$454,375   | \$285,322   | \$224,668 |

|       |             |                 |  |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,449 | T32AI132165 | 5T32AI132165-07 | MAYO CLINIC ROCHESTER                    | PhD Training Program in Virology and Gene Therapy   | CATTANEO, ROBERTO B        | Awarded. Non-fellowships only | 2018/08/15 | 2028/07/31 | \$303,928   | \$303,928   | \$243,446   | \$150,276 |
| 1,450 | T32HL134616 | 5T32HL134616-08 | OHIO STATE UNIVERSITY                    | Training to provide the knowledge, skills, and culture to the next generation of cardiovascular scientists    | RAFAEL-FORTNEY, JILL A     | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,083,636 | \$1,083,636 | \$827,821   | \$360,631 |
| 1,451 | F30AI157036 | 5F30AI157036-04 | VANDERBILT UNIVERSITY                    | The role of Immunoresponsive gene 1 in protection against infection   | MCBRIDE, MARGARET ANN      | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$174,501   | \$174,501   | \$165,102   | \$56,974  |
| 1,452 | T32EB001026 | 5T32EB001026-20 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Cellular Approaches to Tissue Engineering and Regeneration  | MONGA, SATDARSHAN SINGH    | Awarded. Non-fellowships only | 2003/07/01 | 2026/06/30 | \$1,092,383 | \$1,092,383 | \$961,485   | \$216,621 |
| 1,453 | T32NS086750 | 5T32NS086750-10 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Integrative Approaches to Explore Cellular Interactions in Neural Circuits                                    | DASEN, JEREMY S            | Awarded. Non-fellowships only | 2014/07/01 | 2025/06/30 | \$1,010,538 | \$1,010,538 | \$857,776   | \$99,019  |
| 1,454 | F32AG079593 | 5F32AG079593-03 | HARVARD UNIVERSITY                       | Understanding Roles for Protein Homeostasis Machinery in Aging Brain Vasculature                              | GIADONE, RICHARD           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$218,266   | \$218,266   | \$184,662   | \$78,892  |
| 1,455 | T32MH132518 | 5T32MH132518-02 | UNIVERSITY OF WASHINGTON                 | Training in theoretical and computational approaches to neural circuits of cognition                          | BUFFALO, ELIZABETH A       | Awarded. Non-fellowships only | 2023/08/01 | 2028/06/30 | \$505,697   | \$505,697   | \$193,543   | \$326,216 |
| 1,456 | T32AI118690 | 5T32AI118690-10 | FRED HUTCHINSON CANCER CENTER            | Training Program in Infectious Diseases in the Immunocompromised Host   | BOECKH, MICHAEL J          | Awarded. Non-fellowships only | 2016/08/01 | 2026/07/31 | \$1,900,605 | \$1,900,605 | \$1,473,132 | \$436,073 |
| 1,457 | F31AI172421 | 5F31AI172421-02 | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Impact of T cell receptor signaling on memory CD8+ T cell stemness  | GUILLEN, ERIK              | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$106,668   | \$106,668   | \$94,508    | \$53,974  |
| 1,458 | T32DK007569 | 5T32DK007569-36 | VANDERBILT UNIVERSITY MEDICAL CENTER     | Renal Biology and Disease Training Program  | HARRIS, RAYMOND C          | Awarded. Non-fellowships only | 1993/09/30 | 2025/06/30 | \$1,486,242 | \$1,486,242 | \$1,413,683 | \$353,350 |
| 1,459 | F31CA271738 | 5F31CA271738-03 | UNIVERSITY OF CALIFORNIA AT DAVIS        | Advancing Evidence of the Associations between specific Benign Breast Diagnoses and Future Breast Cancer Risk | SATTAYAPIWAT, OLIVIA KAYAN | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$120,464   | \$120,464   | \$109,445   | \$41,322  |
| 1,460 | TL1TR001880 | 5TL1TR001880-09 | UNIVERSITY OF PENNSYLVANIA               | NRSA Training Core  | MEAGHER, EMMA ANNE         | Awarded. Non-fellowships only | 2016/07/01 | 2026/05/31 | \$2,430,642 | \$2,430,642 | \$3,670,953 | \$972,301 |
| 1,461 | T32NS041228 | 5T32NS041228-24 | YALE UNIVERSITY                          | Interdepartmental Neuroscience Program  | GREER, CHARLES A           | Awarded. Non-fellowships only | 2001/07/20 | 2026/06/30 | \$1,903,095 | \$1,903,095 | \$1,878,587 | \$349,989 |
| 1,462 | T32GM150533 | 5T32GM150533-02 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Predoctoral Training in Bioinformatics and Computational Biology  | SEGRE, DANIEL              | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$647,937   | \$647,937   | \$474,921   | \$329,616 |
| 1,463 | F31HL156319 | 5F31HL156319-03 | YALE UNIVERSITY                          | Novel Transcriptional & Post-Transcriptional Regulators of Endothelial Metabolism in Atherosclerosis          | CITRIN, KATHRYN            | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$86,489    | \$48,974  |
| 1,464 | T32AG076455 | 5T32AG076455-03 | UNIVERSITY OF ROCHESTER                  | T32 University of Rochester Aging and Alzheimers disease Training Program                                     | O'BANION, M KERRY          | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$831,585   | \$831,585   | \$643,540   | \$340,632 |
| 1,465 | F31HL165885 | 5F31HL165885-03 | UNIVERSITY OF COLORADO                   | Targeting cellular senescence with oral fisetin supplementation to improve vascular aging                     | MAHONEY, SOPHIA ANDREA     | Awarded. Fellowships only     | 2022/08/19 | 2025/11/30 | \$122,750   | \$122,750   | \$99,615    | \$42,084  |
| 1,466 | T32MH122395 | 5T32MH122395-04 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Clinical Research Training in Schizophrenia and Other Psychoses   | NUECHTERLEIN, KEITH H      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,198,548 | \$1,198,548 | \$920,636   | \$317,602 |
| 1,467 | F30DA057053 | 5F30DA057053-03 | UNIVERSITY OF COLORADO DENVER            | Impact of stress on heroin seeking and ventral pallidal synapse function                                      | MILLER, CARLEY N           | Awarded. Fellowships only     | 2022/08/03 | 2025/08/02 | \$117,269   | \$117,269   | \$109,376   | \$40,257  |
| 1,468 | T32AR007098 | 5T32AR007098-50 | BRIGHAM AND WOMEN'S HOSPITAL             | Dermatology Training Grant  | KUPPER, THOMAS S           | Awarded. Non-fellowships only | 1980/09/01 | 2026/05/31 | \$1,391,358 | \$1,391,358 | \$1,295,350 | \$410,126 |
| 1,469 | T32GM139796 | 5T32GM139796-04 | UNIVERSITY OF TEXAS AT AUSTIN            | Problem-to-Product Team Entrepreneurship and Active Mentoring (P2P-TEAM) Graduate Training Program            | BRODBELT, JENNIFER S       | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$605,259   | \$605,259   | \$425,589   | \$181,924 |
| 1,470 | T32GM135115 | 5T32GM135115-05 | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | Diverse Predoctoral Training in Genetics  | ADELMAN, ZACH N            | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$900,593   | \$900,593   | \$698,168   | \$179,592 |
| 1,471 | T32GM141828 | 5T32GM141828-03 | STANFORD UNIVERSITY                      | Genetics and Developmental Biology Training Program   | SHERLOCK, GAVIN J          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,600,256 | \$1,600,256 | \$1,269,239 | \$549,359 |



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|-------|-------------|-----------------|--|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 1,472 | F32DA058380 | 5F32DA058380-02 | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Locus coeruleus-norepinephrine regulation of stress-induced anxiety and opioid reinstatement                             | SMILEY, CORA            | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$146,256   | \$146,256   | \$118,685   | \$76,756    |
| 1,473 | TL1TR001997 | 5TL1TR001997-08 | UNIVERSITY OF KENTUCKY                   | NRSA Training Core   | STOOPS, WILLIAM WALTON  | Awarded. Non-fellowships only | 2016/08/15 | 2026/06/30 | \$1,460,778 | \$1,460,778 | \$1,281,526 | \$486,219   |
| 1,474 | F31CA278419 | 5F31CA278419-02 | UNIVERSITY OF CALIFORNIA AT DAVIS        | The TGF-Beta/MUC4 Signaling Axis in Circulating Tumor Cells of Metastatic Breast Cancer                                  | FREE, SAVANNAH R        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$81,856    | \$81,856    | \$49,184    | \$41,568    |
| 1,475 | F30DK137405 | 5F30DK137405-02 | UT SOUTHWESTERN MEDICAL CENTER           | The role and regulation of pericytes in remodeling the periarterial niche during nephrogenesis                           | LUO, PETER              | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$78,858    | \$78,858    | \$63,986    | \$40,242    |
| 1,476 | T32GM007198 | 5T32GM007198-50 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Medical Scientist Training Program   | INSEL, PAUL A           | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$7,222,995 | \$7,222,995 | \$6,778,642 | \$1,438,462 |
| 1,477 | T32MH094174 | 5T32MH094174-14 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | A Training Program to Address HIV-related Health Disparities in MSM  | HAWK, MARY ELIZABETH    | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$620,906   | \$620,906   | \$538,743   | \$166,600   |
| 1,478 | T32HL007035 | 5T32HL007035-49 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Biology of the Lung: A Multidisciplinary Program   | MIZGERD, JOSEPH P       | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$3,489,306 | \$3,489,306 | \$2,863,304 | \$907,730   |
| 1,479 | T32AI007641 | 5T32AI007641-23 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Biology of Infectious Diseases Training Program  | DORSEY, MATTHEW G       | Awarded. Non-fellowships only | 2000/08/01 | 2027/08/31 | \$1,119,562 | \$1,119,562 | \$976,302   | \$385,356   |
| 1,480 | T32GM139799 | 5T32GM139799-04 | WASHINGTON UNIVERSITY                    | Postdoctoral Training Program in Genomic Medicine  | DICKSON, PATRICIA I     | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$624,983   | \$624,983   | \$328,157   | \$186,487   |
| 1,481 | T32GM145766 | 5T32GM145766-03 | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Training in Cellular, Molecular and Biomedical Studies (CMBs)  | LIEM, RONALD K          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$2,560,410 | \$2,560,410 | \$2,359,910 | \$878,975   |
| 1,482 | T32CA281953 | 5T32CA281953-02 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Epigenetics, Metabolism and Cancer   | SHILATIFARD, ALI        | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$514,751   | \$514,751   | \$304,781   | \$352,520   |
| 1,483 | T32TR004417 | 5T32TR004417-02 | TUFTS UNIVERSITY BOSTON                  | CTSA Predoctoral T32 at Tufts University   | KENT, DAVID M           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,105,814 | \$1,105,814 | \$857,839   | \$562,319   |
| 1,484 | T32NS126122 | 5T32NS126122-03 | CARNEGIE-MELLON UNIVERSITY               | Training Program in Big Data Systems Neuroscience  | GITTIS, ARYN HILARY     | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$581,331   | \$581,331   | \$413,773   | \$222,737   |
| 1,485 | F31CA281312 | 5F31CA281312-02 | UNIVERSITY OF IOWA                       | Intratumoral plasma cells in MPNST response to CDK4/6 targeted therapy and sensitization to immune checkpoint blockade   | LINGO, JOSHUA J         | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$70,262    | \$70,262    | \$65,106    | \$35,771    |
| 1,486 | T32GM145443 | 5T32GM145443-03 | UNIVERSITY OF VIRGINIA                   | Interdisciplinary Training in Systems & Biomolecular Data Science  | PAPIN, JASON            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$960,154   | \$960,154   | \$823,347   | \$329,616   |
| 1,487 | T32CA136432 | 5T32CA136432-15 | DANA-FARBER CANCER INST                  | Research Training in Pediatric Oncology  | ARMSTRONG, SCOTT A      | Awarded. Non-fellowships only | 2009/07/13 | 2025/06/30 | \$2,243,286 | \$2,243,286 | \$2,140,859 | \$533,976   |
| 1,488 | F30AG082434 | 5F30AG082434-02 | CASE WESTERN RESERVE UNIVERSITY          | Identifying genetic variants that modify the effect size of ApoE alleles on late-onset Alzheimers disease risk           | DURODOYE, RAZAQ OLUMIDE | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$106,668   | \$106,668   | \$82,110    | \$53,974    |
| 1,489 | F30NS129238 | 5F30NS129238-03 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | The role of microglia as antigen presenting cells in Globoid Cell Leukodystrophy   | SUTTER, PEARL A         | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$140,005   | \$140,005   | \$128,489   | \$53,974    |
| 1,490 | T32GM132063 | 5T32GM132063-05 | UNIVERSITY OF MINNESOTA                  | Biostatistics in Genetics and Genomics Training Program  | BASU, SAONLI            | Awarded. Non-fellowships only | 2020/07/09 | 2025/06/30 | \$1,308,224 | \$1,308,224 | \$1,221,919 | \$289,812   |
| 1,491 | T32GM008464 | 5T32GM008464-32 | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Anesthesiology Research Training   | EMALA, CHARLES W        | Awarded. Non-fellowships only | 1992/07/01 | 2028/06/30 | \$700,299   | \$700,299   | \$471,292   | \$350,862   |
| 1,492 | T32TR004392 | 5T32TR004392-02 | UNIVERSITY OF UTAH                       | CTSA Predoctoral T32 at University of Utah: Spheres of Translation Across the Research Spectrum (STARS) Training Program | FAIRFAX, KEKE CELESTE   | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$629,085   | \$629,085   | \$408,628   | \$320,190   |
| 1,493 | F30DC019523 | 5F30DC019523-04 | STATE UNIVERSITY NEW YORK STONY BROOK    | The role of gustatory cortex in perceptual learning of taste   | KOGAN, JOSHUA           | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$184,008   | \$184,008   | \$164,544   | \$53,974    |
| 1,494 | T32HL007024 | 5T32HL007024-50 | JOHNS HOPKINS UNIVERSITY                 | Cardiovascular Epidemiology Institutional Training   | SELVIN, ELIZABETH       | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$3,833,463 | \$3,833,463 | \$3,883,083 | \$589,601   |

|       |             |                   |   |   |                              |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,495 | T32AI007319 | 5T32AI007319-35   | UNIVERSITY OF CALIFORNIA-IRVINE         | Virus-host interactions: a multi-scale training program   | SEMLER, BERT L               | Awarded. Non-fellowships only | 1988/09/30 | 2025/08/31 | \$660,422   | \$660,422   | \$600,069   | \$137,020 |
| 1,496 | T32GM145470 | 5T32GM145470-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Cellular and Molecular Biology at Michigan  | PUTHENVEEDU, MANOJKUMAR A    | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$2,560,410 | \$2,560,410 | \$2,480,410 | \$878,975 |
| 1,497 | T32GM142605 | 5T32GM142605-04   | DUKE UNIVERSITY                         | Cell and Molecular Biology Training Program   | BOYCE, MICHAEL S             | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,212,884 | \$2,212,884 | \$1,909,773 | \$659,231 |
| 1,498 | T32AR060710 | 5T32AR060710-12   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Post Graduate Program in Cutaneous Biology  | PALLER, AMY S                | Awarded. Non-fellowships only | 2012/05/01 | 2028/06/30 | \$453,887   | \$453,887   | \$312,298   | \$238,964 |
| 1,499 | T32CA009216 | 5T32CA009216-44   | MASSACHUSETTS GENERAL HOSPITAL          | Molecular Immunology and Tumor Biology  | LANGENAU, DAVID MICHAEL      | Awarded. Non-fellowships only | 1978/09/30 | 2026/06/30 | \$2,165,218 | \$2,165,218 | \$1,986,053 | \$522,182 |
| 1,500 | T32NS121763 | 5T32NS121763-03   | UNIVERSITY OF CHICAGO                   | Neural, Computational, and Neuromechanical Approaches to Motor Control  | HATSOPOULOS, NICHOLAS G      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$918,084   | \$918,084   | \$694,701   | \$363,385 |
| 1,501 | T32MH016804 | 5T32MH016804-44   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Training for Transformative Discovery in Psychiatry   | SWEET, ROBERT A              | Awarded. Non-fellowships only | 1981/08/01 | 2026/06/30 | \$1,511,093 | \$1,511,093 | \$1,487,960 | \$422,035 |
| 1,502 | T32DC014435 | 5T32DC014435-10   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Interdisciplinary Research Training in Otolaryngology and Communication Sciences  | DUBNO, JUDY R                | Awarded. Non-fellowships only | 2015/07/01 | 2025/06/30 | \$1,618,679 | \$1,618,679 | \$1,416,341 | \$277,466 |
| 1,503 | T32GM135028 | 5T32GM135028-04   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | UAB Predoctoral Training Grant in Translational and Molecular Sciences  | PATEL, RAKESH P              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$992,340   | \$992,340   | \$731,664   | \$285,198 |
| 1,504 | T32GM141955 | 5T32GM141955-04   | OHIO STATE UNIVERSITY                   | Cellular, molecular, and biochemical sciences training grant  | MUSIER-FORSYTH, KARIN M      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,468,539 | \$1,468,539 | \$1,137,252 | \$394,127 |
| 1,505 | F31NS134272 | 1F31NS134272-01A1 | UNIVERSITY OF GEORGIA                   | Characterizing genes that regulate dopaminergic neuron regeneration in the planarian brain  | CLAY, KENDALL BLEU           | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$33,629    | \$33,629    | \$20,461    | \$33,629  |
| 1,506 | F31HL170726 | 1F31HL170726-01A1 | UNIVERSITY OF ILLINOIS AT CHICAGO       | The role of GCN2 in human induced pluripotent stem cell maintenance, differentiation and endothelial cell function                                    | TOBOZ, PHOENIX               | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$45,708    | \$45,708    | \$21,619    | \$45,708  |
| 1,507 | T32DK007007 | 5T32DK007007-50   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | INRSA Training Grant in Gastroenterology  | MA, AVERIL I                 | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$1,036,126 | \$1,036,126 | \$885,752   | \$200,105 |
| 1,508 | F31ES034632 | 5F31ES034632-03   | UNIVERSITY OF WISCONSIN-MADISON         | Multifactorial environmental inhibition of Sonic hedgehog signaling: Impact of chemical interactions on pathway activity and craniofacial development | BEAMES, TYLER GEORGE         | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$108,851   | \$108,851   | \$99,344    | \$37,775  |
| 1,509 | F31NS137774 | 1F31NS137774-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Investigating mechanisms of neuronal nuclear mechanotransduction in physiological conditions and tauopathy  | SOHN, CLAIRA ROSE            | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$38,674    | \$38,674    | \$23,426    | \$38,674  |
| 1,510 | F32HL174084 | 1F32HL174084-01   | UT SOUTHWESTERN MEDICAL CENTER          | Using defective lipoylation as a window into cardiac fuel consumption and failure.  | TIPPETTS, TREVOR STANLEY     | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$77,284    | \$77,284    | \$39,458    | \$77,284  |
| 1,511 | F30DK130531 | 5F30DK130531-03   | WRIGHT STATE UNIVERSITY                 | The role of NFkB in calcineurin inhibitor-induced renal fibrosis  | UME, ADAKU                   | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$142,671   | \$142,671   | \$95,167    | \$53,974  |
| 1,512 | F30EY036249 | 1F30EY036249-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Advancing treatment and molecular understanding of oculocutaneous albinism through gene therapy   | LARIMER-PICCIANI, ALESSANDRA | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$51,930    | \$51,930    | \$46,071    | \$51,930  |
| 1,513 | F31AI179113 | 1F31AI179113-01A1 | DARTMOUTH COLLEGE                       | Cross-fed metabolites modulate Pseudomonas aeruginosa fitness   | CONAWAY, AMY CAROLYN         | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$19,598    | \$48,974  |
| 1,514 | F31AR081691 | 5F31AR081691-03   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Understanding the Mechanical Underpinnings of Rotator Cuff Tear and Surgical Repair   | DALMAN, MORGAN               | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$119,180   | \$119,180   | \$108,759   | \$40,894  |
| 1,515 | F31GM151846 | 5F31GM151846-02   | BAYLOR COLLEGE OF MEDICINE              | Exploring the functional role of tubulin methylation and its regulation by mes-4/NSD in C. elegans  | PIETRYK, EDWARD              | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$72,838    | \$48,974  |
| 1,516 | F31NS137566 | 1F31NS137566-01   | STANFORD UNIVERSITY                     | Characterizing age-related differences in T cell responses to stroke  | JUNG, YOO JIN                | Awarded. Fellowships only     | 2024/09/01 | 2027/01/30 | \$42,270    | \$42,270    | \$17,679    | \$42,270  |

|       |             |                   |  |  |                          |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,517 | F31DA056221 | 5F31DA056221-03   | VANDERBILT UNIVERSITY                    | Defining sex differences in GABA regulation of dopamine release in cocaine use disorder  | CHRISTENSEN, BROOKE A    | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$99,313    | \$99,313    | \$85,725    | \$34,290  |
| 1,518 | F31AI172391 | 5F31AI172391-03   | JOHNS HOPKINS UNIVERSITY                 | The role of HrpA in ribosome-associated quality control in E. coli   | CAMPBELL, ANNABELLE      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$124,220   | \$124,220   | \$87,082    | \$42,574  |
| 1,519 | F32MH132175 | 5F32MH132175-02   | EMORY UNIVERSITY                         | Developing novel neural network tools for accurate and interpretable dynamical modeling of neural circuits   | VERSTEEG, CHRISTOPHER    | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$158,864   | \$158,864   | \$115,885   | \$82,284  |
| 1,520 | F31DA060555 | 1F31DA060555-01   | UNIVERSITY OF RHODE ISLAND               | Happiness and Pleasurable Activities as Longitudinal Predictors of Adolescent Alcohol and Cannabis Outcomes  | TRINH, CATHERINE D       | Awarded. Fellowships only     | 2024/05/20 | 2026/05/19 | \$97,948    | \$97,948    | \$48,749    | \$48,974  |
| 1,521 | F30AG082394 | 1F30AG082394-01A1 | WASHINGTON UNIVERSITY                    | Boosting protein synthesis using antisense oligonucleotides to treat neurodegeneration   | BOROS, BEN DAVID         | Awarded. Fellowships only     | 2024/06/01 | 2026/11/30 | \$34,623    | \$34,623    | \$27,935    | \$34,623  |
| 1,522 | F31GM154461 | 1F31GM154461-01   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Quantifying the contribution of supracellular actomyosin networks during mouse neural tube closure   | DELAO, JUANA             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$33,729    | \$48,974  |
| 1,523 | F31DE033920 | 1F31DE033920-01   | VIRGINIA COMMONWEALTH UNIVERSITY         | Characterization of Selenomonas sputigena invasion, intracellular life cycle, and exocytosis in gingival epithelial cells.   | HAWKES, COLIN G          | Awarded. Fellowships only     | 2024/06/10 | 2027/06/09 | \$43,674    | \$43,674    | \$31,572    | \$43,674  |
| 1,524 | F30HL170641 | 1F30HL170641-01A1 | TUFTS UNIVERSITY BOSTON                  | Mechanism of Ponatinib induced vascular toxicity   | STEPANIAN, ALEC          | Awarded. Fellowships only     | 2024/09/16 | 2026/09/15 | \$44,724    | \$44,724    | \$32,152    | \$44,724  |
| 1,525 | F30MD019536 | 1F30MD019536-01   | VIRGINIA COMMONWEALTH UNIVERSITY         | Understanding how health determinants shape recovery after critical illness among Virginia Medicaid patients   | MARKS, SARAH JULIA       | Awarded. Fellowships only     | 2024/06/01 | 2029/05/31 | \$43,404    | \$43,404    | \$0         | \$43,404  |
| 1,526 | T32HL098049 | 5T32HL098049-15   | STANFORD UNIVERSITY                      | T32 Training Program in Mechanisms and Innovation in Vascular Disease  | TSAO, PHILIP S           | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$2,068,642 | \$2,068,642 | \$1,927,839 | \$254,323 |
| 1,527 | F32HL162417 | 5F32HL162417-03   | NORTHWESTERN UNIVERSITY                  | Measurement of ab-initio physiomaerker using wearable sensors to predict aneurysm growth and formation   | ZHAO, TOM YU             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$210,154   | \$210,154   | \$154,994   | \$74,284  |
| 1,528 | F31MH134599 | 1F31MH134599-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Examining subtypes of suicidal youth in the Adolescent Brain Cognitive Development Study   | POLLAK, OLIVIA HAVEMEYER | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$40,441    | \$40,441    | \$39,312    | \$40,441  |
| 1,529 | F32CA265054 | 5F32CA265054-03   | DUKE UNIVERSITY                          | Addressing Fertility Information Needs and Fertility-related Distress among Female Adult Survivors of Childhood Cancer   | STALLS, JULIANN          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$232,538   | \$232,538   | \$199,470   | \$83,722  |
| 1,530 | F31HL174025 | 1F31HL174025-01   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Investigation of state-specific drug binding to cardiac ion channels to reveals mechanisms of arrhythmogenesis   | ROUEN, KYLE C            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$41,709    | \$41,709    | \$29,949    | \$41,709  |
| 1,531 | F30HL173967 | 1F30HL173967-01   | STANFORD UNIVERSITY                      | Defining the role of mechanotransduction pathways in activating cardiac fibroblasts to cause fibrosis after myocardial infarction.   | LU, JOHN MING            | Awarded. Fellowships only     | 2024/09/15 | 2027/09/14 | \$41,921    | \$41,921    | \$18,586    | \$41,921  |
| 1,532 | F31GM149176 | 5F31GM149176-02   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Solving cell-type specific differences of the Wnt-directed gene regulatory network in Hydra vulgaris.  | MORRIS LITTLE, HANNAH    | Awarded. Fellowships only     | 2023/07/03 | 2025/07/02 | \$81,856    | \$81,856    | \$78,242    | \$41,568  |
| 1,533 | F32GM149160 | 5F32GM149160-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Defining structure and function of GT-A fold enzymes in bacterial glycan assembly  | KNOX, HAYLEY             | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$143,364   | \$143,364   | \$107,326   | \$74,284  |
| 1,534 | T34GM137870 | 5T34GM137870-04   | CITY COLLEGE OF NEW YORK                 | Bridges to the Baccalaureate Research Training Program (T34) for racial/ethnic minorities at the Borough of Manhattan Community College (BMCC) and the City College of New York (CCNY) | MELARA, ROBERT           | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$1,224,028 | \$1,224,028 | \$922,678   | \$350,862 |
| 1,535 | F31HL170747 | 1F31HL170747-01A1 | DREXEL UNIVERSITY                        | Understanding Neighborhood Effects of Eviction on Cardiovascular Health: A mixed-methods study   | SMITH, PATRICK DUNN      | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974    | \$48,974    | \$21,168    | \$48,974  |

|       |             |                   |  |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,536 | F31HL168962 | 1F31HL168962-01A1 | BAYLOR COLLEGE OF MEDICINE               | The role of the Htr1B serotonin receptor in the neonate autoresuscitation reflex and embryonic serotonergic neurogenesis as a potential mechanism in Sudden Infant Death Syndrome | PATEL, DIPAK               | Awarded. Fellowships only     | 2024/09/16 | 2027/09/15 | \$48,974    | \$48,974    | \$18,644    | \$48,974  |
| 1,537 | F31MD018943 | 1F31MD018943-01A1 | UNIVERSITY OF ARIZONA                    | Pathways linking childhood and intergenerational trauma at the US-Mexico border with cardiovascular health.   | RASMUSSEN, ELIZABETH       | Award terminated              | 2024/08/21 | 2025/07/31 | \$48,974    | \$48,974    | \$44,867    | \$48,974  |
| 1,538 | F31AG087649 | 1F31AG087649-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | How does the brain accumulate cognitive maps?   | BAGGETTA, AUSTIN           | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,814    | \$48,814    | \$1,005     | \$48,814  |
| 1,539 | F31EY036280 | 1F31EY036280-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Lens injury-mediated mechanisms of nervous system protection and axon regeneration  | FINNERAN, MATTHEW          | Awarded. Fellowships only     | 2024/05/24 | 2027/05/23 | \$84,198    | \$84,198    | \$42,099    | \$42,099  |
| 1,540 | F30NS125921 | 5F30NS125921-03   | THOMAS JEFFERSON UNIVERSITY              | Parkinsons disease therapies targeting GUCY2C   | CHESLOW, LARA              | Awarded. Fellowships only     | 2022/09/01 | 2026/10/31 | \$151,269   | \$151,269   | \$117,771   | \$53,974  |
| 1,541 | F31AR083815 | 1F31AR083815-01A1 | UNIVERSITY OF UTAH                       | Modeling pain variability in fibromyalgia   | WHITAKER, MIRINDA MAR      | Awarded. Fellowships only     | 2024/05/23 | 2026/05/22 | \$40,562    | \$40,562    | \$31,176    | \$40,562  |
| 1,542 | F32GM150246 | 1F32GM150246-01A1 | YALE UNIVERSITY                          | Biomimetic Reactivity and Spectroscopy of Carbon Monoxide Dehydrogenase C-Clusters  | STONEBRAKER, SAMUEL NEWMAN | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$73,828    | \$73,828    | \$61,376    | \$73,828  |
| 1,543 | F31DC020630 | 5F31DC020630-03   | UNIVERSITY OF ROCHESTER                  | Physiological and Computational-Modeling Studies of Timbre Encoding in the Inferior Colliculus  | FRITZINGER, JOHANNA        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$123,426   | \$48,974  |
| 1,544 | F30HL163918 | 5F30HL163918-03   | OREGON HEALTH & SCIENCE UNIVERSITY       | Role of glycosaminoglycans (GAGs) in deep vein thrombus formation and resolution  | MATHEWS, RICK              | Awarded. Fellowships only     | 2022/07/27 | 2026/07/26 | \$158,420   | \$158,420   | \$132,233   | \$53,974  |
| 1,545 | F31NS137730 | 1F31NS137730-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Diverse Patterns of Activity-Dependent Alternative Splicing   | SUN, YU-CHI                | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$41,836    | \$41,836    | \$20,911    | \$41,836  |
| 1,546 | F31HL174122 | 1F31HL174122-01   | GEORGIA INSTITUTE OF TECHNOLOGY          | Investigating the Effectiveness and Mechanisms of Lymphaticovenous Anastomoses (LVA) for Lymphedema Treatment: Integrating Computational Modeling with Clinical LVA Insights      | RYU, YOUNG JAE             | Awarded. Fellowships only     | 2024/05/15 | 2027/05/14 | \$48,974    | \$48,974    | \$44,678    | \$48,974  |
| 1,547 | T32GM145462 | 5T32GM145462-03   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | Medical Scientist Training Program  | LIEBL, DANIEL JON          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$2,336,287 | \$2,336,287 | \$2,072,291 | \$839,103 |
| 1,548 | F30AI157385 | 5F30AI157385-04   | HARVARD MEDICAL SCHOOL                   | Characterizing the Genomic Basis of Immune-Mediated Resilience Against Tuberculosis in an Admixed Peruvian Population   | RUMKER, LAURIE ANN         | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$177,602   | \$177,602   | \$168,194   | \$53,974  |
| 1,549 | T34GM142627 | 5T34GM142627-04   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Bridges to the Baccalaureate Research Training Program at University of Illinois at Chicago   | WINK, DONALD J             | Awarded. Non-fellowships only | 2021/08/02 | 2026/07/31 | \$975,213   | \$975,213   | \$648,094   | \$280,574 |
| 1,550 | T34GM137869 | 5T34GM137869-04   | UNIVERSITY OF FLORIDA                    | SF2UF: The Bridges to the Baccalaureate partnership between Santa Fe College and the University of Florida  | JULIAN, DAVID              | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$751,931   | \$751,931   | \$380,003   | \$203,683 |
| 1,551 | F31MH136695 | 1F31MH136695-01   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Determining the nigrostriatal circuit basis of false auditory perceptions.  | ANAI, JUSTIN               | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$43,353    | \$43,353    | \$28,278    | \$43,353  |
| 1,552 | T32AG078110 | 5T32AG078110-03   | UNIVERSITY OF KENTUCKY                   | Training in Translational Research in Alzheimers and Related Dementias (TRIAD)  | VAN ELDIK, LINDA J         | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$1,584,280 | \$1,584,280 | \$1,005,273 | \$551,112 |
| 1,553 | F30HL159915 | 5F30HL159915-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Age-dependent differences in the immune response to human metapneumovirus   | PARKS, OLIVIA              | Awarded. Fellowships only     | 2022/08/15 | 2027/08/14 | \$148,577   | \$148,577   | \$65,621    | \$50,693  |
| 1,554 | T34GM146647 | 5T34GM146647-03   | FLORIDA AGRICULTURAL AND MECHANICAL UNIV | Bridges to the Baccalaureate at Florida A&M University  | DARLING-REED, SELINA FAITH | Awarded. Non-fellowships only | 2022/08/08 | 2027/07/31 | \$655,990   | \$655,990   | \$318,423   | \$262,322 |
| 1,555 | T34GM137861 | 5T34GM137861-05   | COLORADO STATE UNIVERSITY                | Northern Colorado (NoCo) Bridges to the Baccalaureate Research Training Program   | LAYBOURN, PAUL JAMES       | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,935,151 | \$1,935,151 | \$1,894,427 | \$205,611 |
| 1,556 | F31NS129292 | 5F31NS129292-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Molecular mechanisms of spectrin-dependent axonal organization and function in cerebellar granule cells   | EDWARDS, REGINALD JAMES    | Awarded. Fellowships only     | 2023/08/01 | 2026/06/30 | \$72,628    | \$72,628    | \$65,316    | \$36,954  |

|       |             |                   |   |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,557 | F31AI172404 | 5F31AI172404-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Characterizing the IgG1 Memory B cells that are precursors of pathogenic IgE  | REDES, JAMIE               | Awarded. Fellowships only     | 2022/08/03 | 2025/08/02 | \$140,060   | \$140,060   | \$132,235   | \$47,374  |
| 1,558 | T32GM144294 | 5T32GM144294-03   | VIRGINIA COMMONWEALTH UNIVERSITY        | VCU Medical Scientist Training Program  | DONNENBERG, MICHAEL S      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$785,216   | \$785,216   | \$679,638   | \$287,814 |
| 1,559 | T32DK007559 | 5T32DK007559-34   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Obesity Research Center Training Grant  | GALLAGHER, DYMUNA          | Awarded. Non-fellowships only | 1989/07/01 | 2027/07/31 | \$440,762   | \$440,762   | \$382,022   | \$197,244 |
| 1,560 | F31AT012138 | 5F31AT012138-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Elucidating the Host Metabolic Response to Consumption of Kombucha-associated Microorganisms  | DUMEZ, RACHEL NELL         | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$78,848    | \$78,848    | \$69,354    | \$40,064  |
| 1,561 | F30AG076322 | 5F30AG076322-03   | UNIVERSITY OF MINNESOTA                 | Investigating the Role of PLIN2 in Senescence   | DEVARAJAN, MAHIMA          | Awarded. Fellowships only     | 2022/07/05 | 2025/12/24 | \$137,542   | \$137,542   | \$111,300   | \$51,030  |
| 1,562 | T32EB032787 | 5T32EB032787-03   | UNIVERSITY OF WASHINGTON                | Bioengineering Cardiovascular Training Grant (BCTG)   | REGNIER, MICHAEL           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$603,367   | \$603,367   | \$505,933   | \$201,372 |
| 1,563 | F30HL165761 | 5F30HL165761-02   | UNIVERSITY OF WASHINGTON                | Targeting IL-18 in Thymic Regeneration  | GRANADIER, DAVID WILLIAM   | Awarded. Fellowships only     | 2023/06/16 | 2025/06/15 | \$97,289    | \$97,289    | \$91,756    | \$53,974  |
| 1,564 | F30HL168842 | 5F30HL168842-02   | JOHNS HOPKINS UNIVERSITY                | Leveraging a novel health records platform to predict the development of cardiovascular disease following kidney transplantation              | BOWRING, MARY GRACE        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$112,168   | \$112,168   | \$95,734    | \$56,974  |
| 1,565 | F31NR020977 | 5F31NR020977-02   | UNIVERSITY OF MIAMI CORAL GABLES        | The Effects of Intersecting Identity and Social Determinants of Health on Afro-Latina Maternal Morbidity and Infant Birth Outcomes in Florida | PARRA, ALEXA MERCEDES      | Awarded. Fellowships only     | 2023/08/01 | 2025/12/31 | \$87,622    | \$87,622    | \$73,191    | \$42,272  |
| 1,566 | F32AG085890 | 1F32AG085890-01A1 | BRANDEIS UNIVERSITY                     | Neurobiological mechanisms of daily life activity participation in older adults   | CRAWFORD, JENNIFER L       | Awarded. Fellowships only     | 2024/06/01 | 2026/01/15 | \$74,284    | \$74,284    | \$56,069    | \$74,284  |
| 1,567 | F31GM151803 | 1F31GM151803-01A1 | RICE UNIVERSITY                         | Investigating the role of autophagy inducers and peroxisomal proteins in pexophagy  | JACKSON, MAKAEAL           | Awarded. Fellowships only     | 2024/09/18 | 2026/09/17 | \$48,974    | \$48,974    | \$16,488    | \$48,974  |
| 1,568 | T32HL083808 | 5T32HL083808-14   | OREGON HEALTH & SCIENCE UNIVERSITY      | Multidisciplinary Research Training in Pulmonary Medicine   | LEWINSOHN, DAVID M         | Awarded. Non-fellowships only | 2008/04/01 | 2026/06/30 | \$1,728,056 | \$1,728,056 | \$1,412,068 | \$450,888 |
| 1,569 | T32CA082084 | 5T32CA082084-23   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Cancer Immunology Training Program  | VIGNALI, DARIO AA          | Awarded. Non-fellowships only | 1999/07/01 | 2027/06/30 | \$1,366,060 | \$1,366,060 | \$1,038,873 | \$500,063 |
| 1,570 | F30CA265106 | 5F30CA265106-04   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Overcoming Drug Resistance Driven by BCL10 Mutations in Diffuse Large B Cell Lymphoma   | COUGHLIN, CAROLINE ALICE   | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$209,456   | \$209,456   | \$205,175   | \$53,974  |
| 1,571 | F31AG076289 | 5F31AG076289-03   | EMORY UNIVERSITY                        | Mechanism and restoration of altered firing in interneurons during early phase Alzheimers Disease   | GOETTEMOELLER, ANNIE M     | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$91,513    | \$48,974  |
| 1,572 | F30HD110250 | 5F30HD110250-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating the role of DDX3 in regulating RNA structure and mRNA export  | XU, ALBERT Y               | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$132,517   | \$132,517   | \$120,159   | \$53,974  |
| 1,573 | T32CA148724 | 5T32CA148724-13   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Cancer Biology Training Program   | YANG, FENG-CHUN            | Awarded. Non-fellowships only | 2011/08/01 | 2027/07/31 | \$722,494   | \$722,494   | \$613,923   | \$243,603 |
| 1,574 | T32AI007384 | 5T32AI007384-34   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | HOPE Training Grant   | LETENDRE, SCOTT L          | Awarded. Non-fellowships only | 1990/08/01 | 2026/08/31 | \$1,866,749 | \$1,866,749 | \$1,655,401 | \$515,425 |
| 1,575 | F30CA264963 | 5F30CA264963-04   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Promotion of ER+ Breast Cancer Progression in the Elderly   | CARLETON, NEIL             | Awarded. Fellowships only     | 2021/08/01 | 2026/03/31 | \$198,023   | \$198,023   | \$168,297   | \$53,974  |
| 1,576 | T32HL120823 | 5T32HL120823-09   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Transdisciplinary Training In Cardiovascular Research   | KIEFE, CATARINA I          | Awarded. Non-fellowships only | 2014/08/01 | 2026/07/31 | \$1,894,949 | \$1,894,949 | \$1,301,802 | \$358,994 |
| 1,577 | T32GM137863 | 5T32GM137863-05   | CALIFORNIA STATE UNIVERSITY NORTHRIDGE  | Bridges to the Doctorate Research Training Program at CSUN  | ZAVALA, MARIAELENA B       | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$2,474,562 | \$2,474,562 | \$2,025,764 | \$584,130 |
| 1,578 | F32AI183625 | 1F32AI183625-01   | UNIVERSITY OF WISCONSIN-MADISON         | Defining how SLBP promotes infectivity of HCMV  | MORRISON, KYLEE MARIE      | Awarded. Fellowships only     | 2024/06/02 | 2026/06/01 | \$73,408    | \$73,408    | \$60,060    | \$73,408  |
| 1,579 | F30HL164047 | 5F30HL164047-03   | UNIVERSITY OF COLORADO                  | Developing near-infrared responsive liquid crystal elastomers for an adjustable pulmonary artery band   | SKILLIN, NATHANIEL PHILLIP | Awarded. Fellowships only     | 2022/08/17 | 2026/08/16 | \$127,967   | \$127,967   | \$116,682   | \$43,823  |

|       |             |                   |                                     |  |                           |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|-------------------------------------|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,580 | T32DK112751 | 5T32DK112751-08   | UNIVERSITY OF IOWA                  | Diabetes Research Training Program   | NORRIS, ANDREW W          | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,523,844 | \$1,523,844 | \$1,260,418 | \$452,612 |
| 1,581 | F31GM151817 | 5F31GM151817-02   | JOHNS HOPKINS UNIVERSITY            | Investigating the role of the Ccr4-Not complex in regulating codon optimality-mediated mRNA decay                    | CHRISTENSEN, LANA NICOLE  | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$96,668    | \$96,668    | \$87,471    | \$48,974  |
| 1,582 | TL1DK136048 | 5TL1DK136048-03   | ALBERT EINSTEIN COLLEGE OF MEDICINE | New York Consortium for Interdisciplinary Training in Kidney, Urological and Hematological Research (NYC Train KUHR) | KASKEL, FREDERICK JEFFREY | Awarded. Non-fellowships only | 2022/09/15 | 2027/06/30 | \$2,315,392 | \$2,315,392 | \$1,630,562 | \$579,682 |
| 1,583 | F30HD104278 | 5F30HD104278-04   | BAYLOR COLLEGE OF MEDICINE          | The role of microbe-epithelial interactions on primate enteroneuroactivity in response to maternal high fat diet     | BOLTE, ERIN E             | Awarded. Fellowships only     | 2021/08/15 | 2025/08/14 | \$198,535   | \$198,535   | \$156,859   | \$53,974  |
| 1,584 | F30CA268748 | 5F30CA268748-03   | UNIV OF NORTH CAROLINA CHAPEL HILL  | Minor Histocompatibility Antigen T Cell Targeting in Acute Myeloid Leukemia  | OLSEN, KELLY SHEA         | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$158,420   | \$158,420   | \$141,038   | \$53,974  |
| 1,585 | F31GM143907 | 5F31GM143907-03   | NORTHWESTERN UNIVERSITY AT CHICAGO  | Elucidating mechanisms of acetylcholine signaling in bacterial biofilms  | LANDER, STEPHEN           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$130,967   | \$130,967   | \$114,606   | \$44,823  |
| 1,586 | F31DK135356 | 5F31DK135356-02   | YALE UNIVERSITY                     | Immune Cell and Epithelial Cell Interactions in Autosomal Dominant Polycystic Kidney Disease                         | RAI, VICTORIA             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$65,502    | \$48,974  |
| 1,587 | F31HL160191 | 5F31HL160191-04   | UNIVERSITY OF CONNECTICUT STORRS    | Identification of chemosensitive cells within the lateral hypothalamus   | KHUU, MAGGIE ANN          | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$173,340   | \$173,340   | \$148,658   | \$44,945  |
| 1,588 | F31AG085934 | 1F31AG085934-01A1 | TEMPLE UNIV OF THE COMMONWEALTH     | Characterizing the role of confirmation bias in financial exploitation of older adults                               | WYNGAARDEN, JAMES         | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$35,660    | \$35,660    | \$20,828    | \$35,660  |
| 1,589 | F31HL165767 | 5F31HL165767-03   | NORTHWESTERN UNIVERSITY AT CHICAGO  | Mechanosensing and Mechanotransduction in the Endothelial Nucleus  | SALVADOR, JOCELYNDA       | Awarded. Fellowships only     | 2022/09/08 | 2025/09/07 | \$129,284   | \$129,284   | \$97,585    | \$44,262  |
| 1,590 | F30EY036261 | 1F30EY036261-01   | NORTHWESTERN UNIVERSITY AT CHICAGO  | The Role of Myeloid Cell Transendothelial Migration in Non-Proliferative Diabetic Retinopathy                        | FANG, VIVIENNE            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$44,187    | \$44,187    | \$20,179    | \$44,187  |
| 1,591 | F32GM151857 | 5F32GM151857-02   | UNIVERSITY OF PENNSYLVANIA          | The role of cis-regulatory elements in the inheritance of transcriptional memory through mitosis.                    | OPRESCU, STEPHANIE NICOLE | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$142,512   | \$142,512   | \$122,722   | \$73,828  |
| 1,592 | F32CA264890 | 5F32CA264890-03   | UNIVERSITY OF SOUTHERN CALIFORNIA   | How does the ubiquitously expressed ZFX mediate cell type-specific transcriptional regulation                        | HSU, EMILY                | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$210,154   | \$210,154   | \$185,840   | \$74,284  |
| 1,593 | F30CA284847 | 5F30CA284847-02   | UNIVERSITY OF UTAH                  | SEMIColon: Somatic Exploration of Mosaicism in Colon   | HIATT, LAUREL             | Awarded. Fellowships only     | 2023/09/01 | 2027/10/31 | \$99,224    | \$99,224    | \$66,297    | \$50,252  |
| 1,594 | T32TR005124 | 1T32TR005124-01   | NORTHWESTERN UNIVERSITY AT CHICAGO  | NUCATS T32   | MCCOLLEY, SUSANNA A       | Awarded. Non-fellowships only | 2024/09/15 | 2029/07/31 | \$355,002   | \$355,002   | \$34,019    | \$355,002 |
| 1,595 | F31AG084279 | 5F31AG084279-02   | UNIVERSITY OF SOUTHERN CALIFORNIA   | 17 alpha-estradiol as a potential protective therapeutic against development of Alzheimers disease                   | MCGILL, CASSANDRA JOAN    | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668    | \$96,668    | \$72,232    | \$48,974  |
| 1,596 | T32HL007381 | 2T32HL007381-46A1 | UNIVERSITY OF CHICAGO               | Cardiovascular Sciences Training Grant   | GILAD, YOAV               | Awarded. Non-fellowships only | 1994/07/01 | 2029/06/30 | \$689,752   | \$689,752   | \$80,338    | \$689,752 |
| 1,597 | F31MH135693 | 5F31MH135693-02   | UNIVERSITY OF NOTRE DAME            | Stress experiences as markers of person-level vulnerability and temporal risk for near-term suicidal ideation        | KNORR, ANNE               | Awarded. Fellowships only     | 2023/09/28 | 2026/06/30 | \$96,668    | \$96,668    | \$72,243    | \$48,974  |
| 1,598 | F31AI184673 | 1F31AI184673-01   | UNIVERSITY OF MINNESOTA             | Structural characterization of the HIV-2 capsid lattice  | ARNDT, WILLIAM            | Awarded. Fellowships only     | 2024/09/27 | 2026/09/26 | \$45,915    | \$45,915    | \$20,333    | \$45,915  |
| 1,599 | F32DA060768 | 1F32DA060768-01   | DREXEL UNIVERSITY                   | Corticolimbic circuit and neuroimmune mechanisms of comorbid HIV and cocaine use                                     | NAMBA, MARK D             | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$78,784    | \$78,784    | \$63,287    | \$78,784  |
| 1,600 | T32CA261786 | 5T32CA261786-04   | UNIVERSITY OF KENTUCKY              | Addressing Rural cancer Inequities through Scientific Excellence (ARISE)   | DIGNAN, MARK B            | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$1,006,560 | \$1,006,560 | \$551,117   | \$279,494 |



|       |             |                   |   |  |                         |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,601 | F31AG082506 | 5F31AG082506-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Uncovering Mechanisms of Racial Inequalities in ADRD: Psychosocial Risk and Resilience Factors for White Matter Integrity  | PALMS, JORDAN D         | Awarded. Fellowships only     | 2024/01/10 | 2026/01/09 | \$82,386  | \$82,386  | \$62,762  | \$41,843  |
| 1,602 | F31DK137484 | 5F31DK137484-02   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Investigating the role of oxytocin signaling in the social regulation of eating  | REA, JESSICA            | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668  | \$96,668  | \$80,442  | \$48,974  |
| 1,603 | F31DK138753 | 5F31DK138753-02   | UNIVERSITY OF COLORADO DENVER           | Investigating a rare pediatric enteropathy caused by ADAM17 loss of function using iPSC-derived human intestinal organoids   | WILLIAMS, SHANE         | Awarded. Fellowships only     | 2023/09/11 | 2026/09/10 | \$79,986  | \$79,986  | \$60,663  | \$40,633  |
| 1,604 | F32CA284834 | 5F32CA284834-02   | BROAD INSTITUTE, INC.                   | Identifying genetic vulnerabilities in KIAA1549-BRAF mutant pediatric low-grade gliomas  | MISEK, SEAN ALEXANDER   | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$150,684 | \$150,684 | \$107,912 | \$78,892  |
| 1,605 | F31HL170516 | 5F31HL170516-02   | BROWN UNIVERSITY                        | Probing the cardioprotective effects of sulfane sulfurs with next generation fluorescent sensors   | SHIEH, MEG              | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668  | \$96,668  | \$86,014  | \$48,974  |
| 1,606 | T32HL171029 | 1T32HL171029-01A1 | UNIVERSITY OF ROCHESTER                 | Multidisciplinary Training in Pulmonary Research   | GEORAS, STEVE N         | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$515,255 | \$515,255 | \$130,989 | \$515,255 |
| 1,607 | F31CA271757 | 5F31CA271757-03   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | The Role of Dedifferentiation in Basal like Breast Cancer  | LARIOS-VALENCIA, JESSIE | Awarded. Fellowships only     | 2022/09/28 | 2026/09/27 | \$158,420 | \$158,420 | \$135,270 | \$53,974  |
| 1,608 | F31EY034400 | 5F31EY034400-02   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Cross-modal plasticity after the loss of vision at two early developmental ages in the posterior parietal cortex: Adult connections, cortical function and behavior. | PINEDA, CARLOS RODRIGO  | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$82,107  | \$82,107  | \$54,865  | \$41,819  |
| 1,609 | F31DC021641 | 5F31DC021641-02   | RUTGERS, THE STATE UNIV OF N.J.         | The role of Tex15 in shaping stochastic olfactory receptor gene choice.  | YUSUF, NUSRATH          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$79,424  | \$79,424  | \$49,583  | \$40,352  |
| 1,610 | F31MH133386 | 5F31MH133386-02   | UNIVERSITY OF OREGON                    | Conceptual Models of Childhood Adversity: Multivariate and Neural Approaches   | BARRETT, ANN-MARIE      | Awarded. Fellowships only     | 2023/09/16 | 2025/09/15 | \$95,736  | \$95,736  | \$68,850  | \$48,735  |
| 1,611 | F32OD037666 | 1F32OD037666-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Prenatal Exposure to Endocrine Disrupting Chemicals and Child Neurodevelopmental Disorders: Mediation by Cytokines and DNA Methylation                               | OH, JIWON               | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$89,488  | \$89,488  | \$61,626  | \$89,488  |
| 1,612 | T32EY007026 | 5T32EY007026-48   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Vision Science Training Program  | SAMPATH, ALAPAKKAM P    | Awarded. Non-fellowships only | 1975/07/01 | 2027/08/31 | \$510,290 | \$510,290 | \$306,242 | \$166,919 |
| 1,613 | T32CA180984 | 2T32CA180984-10   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Advanced Training in Urologic Oncology   | PALAPATTU, GANESH S     | Awarded. Non-fellowships only | 2014/08/22 | 2029/06/30 | \$246,023 | \$246,023 | \$160,457 | \$246,023 |
| 1,614 | F31AI179118 | 5F31AI179118-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Exploiting Pf phage superinfection to lower Pseudomonas aeruginosa virulence via evolutionary tradeoffs  | KUBOTA, NANAMI          | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668  | \$96,668  | \$51,763  | \$48,974  |
| 1,615 | F31AG084197 | 5F31AG084197-02   | UNIVERSITY OF COLORADO DENVER           | APP as a mediator of amyloid beta effects on CaMKII synaptic functions   | LARSEN, MATTHEW E       | Awarded. Fellowships only     | 2023/08/03 | 2026/08/02 | \$75,588  | \$75,588  | \$65,240  | \$38,434  |
| 1,616 | F32DK132826 | 5F32DK132826-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Intestinal Stem Cell Metabolism in Inflammatory Bowel Disease Mucosal Healing  | MENTRUP, HEATHER        | Awarded. Fellowships only     | 2023/08/10 | 2026/08/09 | \$174,484 | \$174,484 | \$121,283 | \$91,432  |
| 1,617 | T32AI141342 | 2T32AI141342-06   | DUKE UNIVERSITY                         | Advanced Immunobiology Training Program for Surgeons   | KIRK, ALLAN D           | Awarded. Non-fellowships only | 2019/06/01 | 2029/05/31 | \$559,670 | \$559,670 | \$230,257 | \$282,004 |
| 1,618 | F31AT012588 | 5F31AT012588-02   | COLORADO STATE UNIVERSITY               | The Role of Engagement in the Efficacy of Mindfulness Training for Adolescents   | MORAN, MEGAN JOY        | Awarded. Fellowships only     | 2023/06/22 | 2025/06/21 | \$81,084  | \$81,084  | \$70,602  | \$41,182  |
| 1,619 | T34GM154620 | 1T34GM154620-01   | CALIFORNIA POLY STATE U SAN LUIS OBISPO | Bridges to the Baccalaureate at Cal Poly   | HAGOBIAN, TODD ALAN     | Awarded. Non-fellowships only | 2024/08/01 | 2029/07/31 | \$127,179 | \$127,179 | \$9,129   | \$127,179 |
| 1,620 | F32DC021094 | 5F32DC021094-02   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Cortical and subcortical underpinnings of typical and dysarthric speech - Resubmission - 1   | KABAKOFF, HEATHER M     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$146,256 | \$146,256 | \$118,696 | \$76,756  |
| 1,621 | T32AI007090 | 2T32AI007090-46   | UNIVERSITY OF CHICAGO                   | Interdisciplinary Training Program in Immunology   | SAVAGE, PETER AIDAN     | Awarded. Non-fellowships only | 1979/07/01 | 2029/06/30 | \$540,919 | \$540,919 | \$286,669 | \$540,919 |

|       |             |                 |  |   |                          |                               |            |            |              |              |              |             |
|-------|-------------|-----------------|--|---|--------------------------|-------------------------------|------------|------------|--------------|--------------|--------------|-------------|
| 1,622 | F31HL170531 | 5F31HL170531-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO    | The Role of Hsf1 in Hematopoietic Stem Cell Aging   | ZHOU, FANNY JIAHUA       | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$81,224     | \$81,224     | \$67,765     | \$41,252    |
| 1,623 | F31AA030913 | 5F31AA030913-02 | MEDICAL UNIVERSITY OF SOUTH CAROLINA   | The role of lateral orbitofrontal cortex astrocytes in alcohol drinking   | BLASCZYK, ABIGAIL RILEY  | Awarded. Fellowships only     | 2023/09/19 | 2026/03/18 | \$96,668     | \$96,668     | \$79,831     | \$48,974    |
| 1,624 | T32CA291654 | 1T32CA291654-01 | UT SOUTHWESTERN MEDICAL CENTER         | Translational Cancer Biology (TCB) T32 Training Program   | BREKKEN, ROLF A          | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$432,326    | \$432,326    | \$200,140    | \$432,326   |
| 1,625 | F32HD113384 | 5F32HD113384-02 | FRED HUTCHINSON CANCER CENTER          | Developmental mechanisms specifying vagal innervation of organ targets  | SEROKA, AUSTIN           | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$146,256    | \$146,256    | \$87,265     | \$76,756    |
| 1,626 | F31AA030492 | 5F31AA030492-03 | COLORADO STATE UNIVERSITY              | Exploring differential biological and psychological effects of regular alcohol and cannabis use in humans   | DRENNAN, MEGGAN L        | Awarded. Fellowships only     | 2022/12/15 | 2025/12/14 | \$117,482    | \$117,482    | \$90,595     | \$40,068    |
| 1,627 | T32AI074492 | 2T32AI074492-16 | EMORY UNIVERSITY                       | Training a new generation of vaccinologists   | ROUPHAEL, NADINE GEORGES | Awarded. Non-fellowships only | 2009/08/01 | 2029/08/31 | \$532,438    | \$532,438    | \$211,913    | \$435,985   |
| 1,628 | T90DA062773 | 1T90DA062773-01 | UNIVERSITY OF UTAH                     | University of Utah Program to Provide Pain Research Knowledge (UP3RK)   | FRITZ, JULIE M           | Awarded. Non-fellowships only | 2024/08/15 | 2029/06/30 | \$385,409    | \$385,409    | \$0          | \$385,409   |
| 1,629 | F32AG082486 | 5F32AG082486-02 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE | Predicting post-kidney transplant dementia/Alzheimers Disease risk in older patients  | LONG, JANE J             | Awarded. Fellowships only     | 2023/08/02 | 2026/08/01 | \$182,684    | \$182,684    | \$128,782    | \$94,892    |
| 1,630 | F31NS134198 | 5F31NS134198-02 | UNIV OF NORTH CAROLINA CHAPEL HILL     | Novel Bioprinted Neural Stem Cell-Embedded Hydrogel Matrices for Enhanced Treatment of Glioblastoma   | KASS, LAUREN             | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$79,704     | \$79,704     | \$52,275     | \$40,492    |
| 1,631 | F30AG081084 | 5F30AG081084-02 | UNIVERSITY OF CALIFORNIA-IRVINE        | The Neuroprotective Role of PPAR-delta in Microglia   | DEYELL, JACOB SAHAG      | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$106,668    | \$106,668    | \$97,354     | \$53,974    |
| 1,632 | F30DC021360 | 5F30DC021360-02 | UNIVERSITY OF UTAH                     | Multisensory integration of auditory cues for navigation  | SHAYMAN, COREY SCOTT     | Awarded. Fellowships only     | 2023/09/15 | 2025/06/21 | \$86,606     | \$86,606     | \$57,797     | \$47,324    |
| 1,633 | F31HL170717 | 5F31HL170717-02 | UNIVERSITY OF TEXAS AT AUSTIN          | Elucidation and improved control of human induced pluripotent stem cell cardiac differentiation by using single-guide RNA-based cellular barcoding to track and manipulate lineages | SOHN, SOGU               | Awarded. Fellowships only     | 2023/09/01 | 2026/02/28 | \$79,754     | \$79,754     | \$64,431     | \$40,517    |
| 1,634 | F31EY034776 | 5F31EY034776-02 | YALE UNIVERSITY                        | Retinal Circuitry Response to Nerve Injury  | ZAPADKA, THOMAS EUGENE   | Awarded. Fellowships only     | 2023/09/07 | 2026/08/31 | \$96,668     | \$96,668     | \$65,338     | \$48,974    |
| 1,635 | F32HL170650 | 5F32HL170650-02 | BOSTON UNIVERSITY MEDICAL CAMPUS       | Sub-phenotyping pneumonia by lung pathobiology  | HILLER, BRADLEY          | Awarded. Fellowships only     | 2023/09/01 | 2025/06/30 | \$133,050    | \$133,050    | \$126,989    | \$63,970    |
| 1,636 | F32AI174656 | 5F32AI174656-02 | VIRGINIA COMMONWEALTH UNIVERSITY       | Multifunctional roles of an Orientia tsutsugamushi nucleomodulin  | ALLEN, PAIGE             | Awarded. Fellowships only     | 2023/12/10 | 2026/12/09 | \$143,364    | \$143,364    | \$104,133    | \$74,284    |
| 1,637 | F31MH135667 | 5F31MH135667-02 | TEMPLE UNIV OF THE COMMONWEALTH        | Childhood trauma, hippocampal function, and anhedonia among those at heightened risk for psychosis  | O'BRIEN, KATHLEEN        | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$67,620     | \$67,620     | \$37,220     | \$34,450    |
| 1,638 | T32AI138952 | 2T32AI138952-06 | EMORY UNIVERSITY                       | Infectious Diseases Across Scales Training Program  | DE ROODE, JACOBUS        | Awarded. Non-fellowships only | 2019/09/01 | 2029/08/31 | \$324,774    | \$324,774    | \$198,415    | \$324,774   |
| 1,639 | F30HL160104 | 5F30HL160104-04 | OHIO STATE UNIVERSITY                  | The Role of m6A Binding Protein YTHDF1 in Cardiac Homeostasis   | GOLUBEVA, VOLHA          | Awarded. Fellowships only     | 2021/09/01 | 2026/08/31 | \$160,041    | \$160,041    | \$139,473    | \$53,974    |
| 1,640 | F31EY033226 | 5F31EY033226-03 | OREGON HEALTH & SCIENCE UNIVERSITY     | Mechanisms of structural plasticity, client interactions, and co-aggregation of the lens $\alpha$ -crystallins  | MILLER, ADAM PHILLIP     | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$119,733    | \$88,393     | \$45,175     | \$40,805    |
| 1,641 | F30MH129062 | 5F30MH129062-03 | HARVARD MEDICAL SCHOOL                 | Resting-state functional connectivity mapping using Magnetic Particle Imaging (MPI)   | DRAGO, JOHN MICHAEL      | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$158,420    | \$158,420    | \$147,701    | \$53,974    |
| 1,642 | T32GM136651 | 5T32GM136651-05 | YALE UNIVERSITY                        | Medical Scientist Training Program  | KAZMIERCZAK, BARBARA I   | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$11,815,964 | \$11,815,964 | \$10,817,620 | \$2,457,373 |



|       |             |                 |  |   |                                |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--|---|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,643 | F31EY035554 | 5F31EY035554-02 | VANDERBILT UNIVERSITY                    | Reprogramming adult murine Müller glia via L-Myc expression   | STONE, MEGAN                   | Awarded. Fellowships only     | 2023/09/01 | 2026/07/31 | \$67,276    | \$67,276    | \$55,179    | \$34,287  |
| 1,644 | T32CA108462 | 5T32CA108462-20 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Molecular and Cellular Mechanisms in Cancer   | GOGA, ANDREI                   | Awarded. Non-fellowships only | 2004/09/01 | 2025/08/31 | \$2,856,141 | \$2,856,141 | \$2,357,462 | \$672,808 |
| 1,645 | T32HL007081 | 5T32HL007081-49 | WASHINGTON UNIVERSITY                    | Principles in Cardiovascular Research Training Program  | DIWAN, ABHINAV                 | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$2,129,539 | \$2,129,539 | \$1,505,519 | \$562,535 |
| 1,646 | F30AI174437 | 5F30AI174437-02 | UNIVERSITY OF PENNSYLVANIA               | Defining the Role of Dynamic X Chromosome Inactivation in Age-Associated B Cells for Female-Biased Systemic Lupus Erythematosus                     | LOVELL, CLAUDIA DARNELL        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$71,744    | \$71,744    | \$66,167    | \$36,512  |
| 1,647 | F30HD106699 | 5F30HD106699-04 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | The Role of Astrocyte BMP Signaling in Fragile X Syndrome   | DENG, JAMES DERONG             | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$174,515   | \$174,515   | \$118,336   | \$53,974  |
| 1,648 | F31DK136259 | 5F31DK136259-02 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Investigating metabolism and DNA damage repair in uropathogenic Escherichia coli fluoroquinolone persisters   | LAGREE, TRAVIS                 | Awarded. Fellowships only     | 2023/09/08 | 2026/09/07 | \$88,150    | \$88,150    | \$69,925    | \$44,715  |
| 1,649 | T34GM146634 | 5T34GM146634-03 | BOISE STATE UNIVERSITY                   | Southwest Idaho Bridges to Baccalaureate Program  | JORCYK, CHERYL LYNN            | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$391,023   | \$391,023   | \$196,830   | \$260,023 |
| 1,650 | F31CA284611 | 5F31CA284611-02 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Investigating the impact of hyperglycemia on modulating T cell populations in breast cancer   | SWAIN, COURTNEY A              | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$83,978    | \$83,978    | \$74,220    | \$42,629  |
| 1,651 | T32CA272387 | 5T32CA272387-03 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL    | T32 Training Program in Pediatric Immuno-Oncology and Immunotherapy   | GOTTSCALK, STEPHEN             | Awarded. Non-fellowships only | 2022/09/01 | 2027/08/31 | \$689,762   | \$689,762   | \$347,937   | \$227,609 |
| 1,652 | T32CA217834 | 5T32CA217834-07 | VANDERBILT UNIVERSITY MEDICAL CENTER     | VOLT (Vanderbilt Oncology Training Program)   | JOHNSON, DOUGLAS B             | Awarded. Non-fellowships only | 2018/08/01 | 2028/08/31 | \$680,442   | \$680,442   | \$492,352   | \$322,587 |
| 1,653 | T32AG066576 | 5T32AG066576-05 | JOHNS HOPKINS UNIVERSITY                 | Health Services and Outcomes Research for Aging Populations   | WOLFF, JENNIFER L              | Awarded. Non-fellowships only | 2020/09/01 | 2025/08/31 | \$2,762,296 | \$2,762,296 | \$2,206,597 | \$578,425 |
| 1,654 | T32AG071474 | 5T32AG071474-04 | CASE WESTERN RESERVE UNIVERSITY          | The Alzheimers Disease Translational Data Science Training Program  | BUSH, WILLIAM S                | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$942,874   | \$942,874   | \$563,999   | \$283,860 |
| 1,655 | F30EY032338 | 5F30EY032338-04 | YALE UNIVERSITY                          | Functional diversity of somatostatin interneurons in visual cortical circuits   | FANG, CALVIN                   | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$168,053   | \$168,053   | \$136,225   | \$53,974  |
| 1,656 | F31CA271518 | 5F31CA271518-02 | SLOAN-KETTERING INST CAN RESEARCH        | Investigating the role of melanoma-adipocyte cell junctions in heterotypic communication and tumor progression                                      | PERLEE, SARAH                  | Awarded. Fellowships only     | 2023/07/13 | 2026/07/12 | \$96,688    | \$96,688    | \$90,122    | \$48,994  |
| 1,657 | F30CA278384 | 5F30CA278384-02 | UNIVERSITY OF MARYLAND BALTIMORE         | Obscurin-Deficient Breast Epithelia Generate Secreted Factors that Prime Lung Vascular Smooth Muscle Cell Pre-metastatic Microenvironment Formation | EASON, MATTHEW KENT            | Awarded. Fellowships only     | 2023/07/15 | 2026/07/14 | \$92,902    | \$92,902    | \$73,501    | \$47,091  |
| 1,658 | T32AI070077 | 5T32AI070077-17 | UNIVERSITY OF PENNSYLVANIA               | VMD-PhD Training in Infectious Disease-Related Research   | ATCHISON, MICHAEL LEE          | Awarded. Non-fellowships only | 2008/06/01 | 2028/08/31 | \$450,563   | \$450,563   | \$346,679   | \$224,327 |
| 1,659 | F32EY035182 | 5F32EY035182-02 | UNIVERSITY OF CALIFORNIA BERKELEY        | Determining the role of the mechano-activated potassium channel TRAAK at nodes of Ranvier   | ELLEMAN, ANNA VIRGINIA         | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$143,364   | \$143,364   | \$115,358   | \$74,284  |
| 1,660 | F30AG076278 | 5F30AG076278-03 | UNIVERSITY OF KANSAS MEDICAL CENTER      | Effects of metabolic phenotype on functional connectivity in aging and Alzheimer's Disease  | GREEN, ZACHARY DOUGLASS        | Awarded. Fellowships only     | 2022/09/19 | 2027/02/18 | \$125,448   | \$125,448   | \$99,025    | \$53,974  |
| 1,661 | F30HL163926 | 5F30HL163926-03 | UNIVERSITY OF WASHINGTON                 | Investigating the Role of MBNL1 in Maintaining Cardiomyocyte Terminal Differentiation.  | BAILEY, LOGAN ROBERT JEFFERSON | Awarded. Fellowships only     | 2022/09/16 | 2026/09/15 | \$138,856   | \$138,856   | \$126,077   | \$53,974  |
| 1,662 | F31HL165681 | 5F31HL165681-03 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Pathways of Succinate Accumulation and Adenine Nucleotide Depletion in Cardiac Ischemia   | COLLINS, NICOLE                | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$120,584   | \$120,584   | \$109,977   | \$41,362  |
| 1,663 | F31NS129317 | 5F31NS129317-03 | UNIVERSITY OF PENNSYLVANIA               | Elucidating the RNA-mediated mechanisms governing H3K9me3 deposition in fragile X syndrome  | MALACHOWSKI, THOMAS ERNST      | Awarded. Fellowships only     | 2022/09/01 | 2025/12/29 | \$143,420   | \$143,420   | \$125,601   | \$48,974  |

|       |             |                 |   |  |                          |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,664 | T32EY007125 | 5T32EY007125-34 | UNIVERSITY OF ROCHESTER   | Training in Vision Science   | TADIN, DUJE              | Awarded. Non-fellowships only | 1990/09/30 | 2026/08/31 | \$582,526   | \$582,526   | \$529,323   | \$167,076 |
| 1,665 | F31AG084165 | 5F31AG084165-02 | WEILL MEDICAL COLL OF CORNELL UNIV  | Mitochondrial complex III-derived ROS in astrocytic signaling and Alzheimers disease-related pathogenesis                  | BARNETT, DANIEL MARTIN   | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668    | \$96,668    | \$87,545    | \$48,974  |
| 1,666 | F31HL170678 | 5F31HL170678-02 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, LLC | Investigating dysregulation of hematopoietic stem cell support in sickle cell disease mesenchymal stromal cells            | CAIN, TERRI              | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$88,668    | \$88,668    | \$64,050    | \$44,974  |
| 1,667 | F31HL165834 | 5F31HL165834-03 | UNIVERSITY OF WASHINGTON  | Investigating the Time-Dependent Reversibility of DCM-Induced Epigenetic, Matrix, and Functional Remodeling                | REICHARDT, ISABELLA      | Awarded. Fellowships only     | 2022/09/16 | 2025/09/15 | \$128,021   | \$128,021   | \$128,021   | \$43,841  |
| 1,668 | T32EB007509 | 5T32EB007509-18 | CASE WESTERN RESERVE UNIVERSITY   | Interdisciplinary Biomedical Imaging Training Program  | WILSON, DAVID LYNN       | Awarded. Non-fellowships only | 2007/09/01 | 2027/06/30 | \$1,119,913 | \$1,119,913 | \$970,432   | \$318,272 |
| 1,669 | F31HG013267 | 5F31HG013267-02 | STANFORD UNIVERSITY   | High-throughput thermodynamic and kinetic measurements for variant effects prediction in a major protein superfamily       | OLIVAS, MICAH            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$90,101    | \$90,101    | \$66,522    | \$42,407  |
| 1,670 | F31HL170732 | 5F31HL170732-02 | UNIVERSITY OF UTAH  | Metabolic Programming of Hematopoietic Stem Cell Function by Prenatal Folate   | KRUM, BRIAN              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$85,682    | \$85,682    | \$65,392    | \$43,481  |
| 1,671 | F31NR020988 | 5F31NR020988-02 | EMORY UNIVERSITY  | The Experience of Cancer Related Financial Hardship Among Individuals with Chronic Myeloid Leukemia in the Rural Southeast | WRIGHT, STEPHANIE LEE    | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$96,668    | \$96,668    | \$75,866    | \$48,974  |
| 1,672 | T32CA163184 | 5T32CA163184-14 | UNIVERSITY OF MINNESOTA   | Cancer Related Health Disparities Training Program   | ALLEN, MICHELE L         | Awarded. Non-fellowships only | 2016/09/15 | 2026/08/31 | \$1,221,300 | \$1,221,300 | \$1,215,559 | \$348,156 |
| 1,673 | T32CA211034 | 5T32CA211034-09 | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Research Training in Surgical Oncology   | MERCHANT, NIPUN B        | Awarded. Non-fellowships only | 2016/09/15 | 2026/08/31 | \$1,151,199 | \$1,151,199 | \$1,110,431 | \$356,551 |
| 1,674 | F30GM146428 | 5F30GM146428-03 | UPSTATE MEDICAL UNIVERSITY  | Molecular Devices for the Detection and Treatment of HCMV Infection  | SEKHON, HARSIMRANJIT S   | Awarded. Fellowships only     | 2022/09/01 | 2027/08/31 | \$158,420   | \$158,420   | \$147,009   | \$53,974  |
| 1,675 | T32DK007745 | 5T32DK007745-28 | UT SOUTHWESTERN MEDICAL CENTER  | UT Gastroenterology/Hepatology Research Training Program   | BURSTEIN, EZRA           | Awarded. Non-fellowships only | 1997/01/01 | 2027/05/31 | \$1,165,559 | \$1,165,559 | \$694,080   | \$363,480 |
| 1,676 | T32GM149370 | 5T32GM149370-02 | UNIV OF NORTH CAROLINA CHAPEL HILL  | Enhancement training for the next generation of translational Ph.D. scientists   | WEISSMAN, BERNARD E      | Awarded. Non-fellowships only | 2023/08/21 | 2028/06/30 | \$468,276   | \$468,276   | \$400,088   | \$203,008 |
| 1,677 | F30CA265127 | 5F30CA265127-04 | ROSWELL PARK CANCER INSTITUTE CORP  | The impact of chronic stress on radiation induced cell death and the anti-tumor immune response                            | MACDONALD, CAMERON RIKER | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$169,092   | \$169,092   | \$156,407   | \$53,974  |
| 1,678 | T32AG000181 | 5T32AG000181-34 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Training in the Epidemiology of Aging  | STROTMAYER, ELSA S       | Awarded. Non-fellowships only | 1989/09/01 | 2026/08/31 | \$1,529,281 | \$1,529,281 | \$1,139,499 | \$391,559 |
| 1,679 | T32GM007019 | 5T32GM007019-48 | UNIVERSITY OF CHICAGO   | Clinical Therapeutics  | O'DONNELL, PETER HUGH    | Awarded. Non-fellowships only | 1978/07/01 | 2025/06/30 | \$2,691,176 | \$2,691,176 | \$2,245,391 | \$301,147 |
| 1,680 | F31HL166193 | 5F31HL166193-03 | CASE WESTERN RESERVE UNIVERSITY   | Investigating the role of NMD in Nonsense Mutation Biology and Therapeutic Strategies                                      | MICHICICH, MARGARET      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$98,792    | \$48,974  |
| 1,681 | F32HD106679 | 5F32HD106679-03 | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Local Economic Conditions and Patterns of Family Instability and Complexity  | HAYS, JAKE J             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$210,154   | \$210,154   | \$172,405   | \$74,284  |
| 1,682 | F31MH132306 | 5F31MH132306-03 | ROCKEFELLER UNIVERSITY  | Single-molecule Investigation of the Interaction Between MeCP2 and Chromatin   | CHUA, GABRIELLA N L      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$126,370   | \$48,974  |
| 1,683 | F30HL170483 | 5F30HL170483-02 | VANDERBILT UNIVERSITY   | Mechanisms of Cell-Free Hemoglobin-Mediated Injury to the Pulmonary Endothelial Glycocalyx in Sepsis                       | BOGART, AVERY MAY        | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$67,048    | \$67,048    | \$54,103    | \$34,164  |
| 1,684 | T32HL134621 | 5T32HL134621-08 | UNIVERSITY OF FLORIDA   | Breathing Research and Therapeutics (BREATHE)  | MITCHELL, GORDON S       | Awarded. Non-fellowships only | 2017/04/15 | 2027/07/31 | \$1,390,744 | \$1,390,744 | \$986,372   | \$475,916 |

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|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,685 | F32CA271812 | 5F32CA271812-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Multi-functional cellular therapies to overcome tumor heterogeneity and limit toxicity in acute myeloid leukemia      | KASAP, CORYNN                | Awarded. Fellowships only     | 2023/09/10 | 2026/09/09 | \$173,916   | \$173,916   | \$134,933   | \$90,988  |
| 1,686 | F32GM151784 | 5F32GM151784-02   | CALIFORNIA INSTITUTE OF TECHNOLOGY      | An Electrochemical Approach to Amine Synthesis from Nitrogen  | OVIAN, JOHN MICHAEL          | Awarded. Fellowships only     | 2023/08/09 | 2026/08/08 | \$142,512   | \$142,512   | \$118,051   | \$73,828  |
| 1,687 | F31EY033220 | 5F31EY033220-04   | CALIFORNIA INSTITUTE OF TECHNOLOGY      | Determining the cell fate programs of mammalian retina development  | TRAN, MARTIN                 | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$189,456   | \$189,456   | \$177,550   | \$48,974  |
| 1,688 | T32ES007026 | 5T32ES007026-47   | UNIVERSITY OF ROCHESTER                 | Training in Environmental Toxicology  | ELDER, ALISON                | Awarded. Non-fellowships only | 1978/07/01 | 2028/06/30 | \$1,490,492 | \$1,490,492 | \$1,089,941 | \$749,155 |
| 1,689 | T32EY021462 | 5T32EY021462-13   | UNIVERSITY OF TEXAS AT AUSTIN           | CPS Training Grant  | HAYHOE, MARY M               | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$510,351   | \$510,351   | \$491,229   | \$86,113  |
| 1,690 | F31MH133285 | 5F31MH133285-02   | UNIVERSITY OF MINNESOTA                 | Functional, structural, and computational consequences of NMDA receptor ablation at medial prefrontal cortex synapses | DICK, RACHEL                 | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$71,579    | \$71,579    | \$66,070    | \$36,594  |
| 1,691 | F32HL176197 | 1F32HL176197-01   | JOHNS HOPKINS UNIVERSITY                | The Impact of Shear Stress on Aquaporin 1 Expression in the Pulmonary Endothelium                                     | CROGLIO, MICHAEL             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$83,932    | \$83,932    | \$54,166    | \$83,932  |
| 1,692 | F31NS127574 | 5F31NS127574-02   | EMORY UNIVERSITY                        | Fascin1 in Growth Cone Motility and Guidance  | HARDIN, KATHERINE REBECCA    | Awarded. Fellowships only     | 2023/05/15 | 2025/05/14 | \$96,668    | \$96,668    | \$80,720    | \$48,974  |
| 1,693 | F30EY034033 | 5F30EY034033-02   | NORTHWESTERN UNIVERSITY                 | Anatomical and functional imaging of the conventional outflow pathway   | FANG, RAYMOND                | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,881    | \$96,881    | \$77,168    | \$53,974  |
| 1,694 | F31MH138093 | 1F31MH138093-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Exploring the Contribution of Distinct mPFC Cell-Types to the Encoding of Decision-Making Outcome                     | VORMSTEIN-SCHNEIDER, DOUGLAS | Awarded. Fellowships only     | 2024/09/30 | 2028/09/29 | \$42,208    | \$42,208    | \$4,860     | \$42,208  |
| 1,695 | F31AA031907 | 1F31AA031907-01   | SAN DIEGO STATE UNIVERSITY              | Sleep Characteristics in Children and Adolescents with Prenatal Alcohol Exposure                                      | SOJA, JACQUELINE             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$39,125    | \$39,125    | \$29,824    | \$39,125  |
| 1,696 | F31CA281335 | 5F31CA281335-02   | YALE UNIVERSITY                         | Examining Early Life Risk Factors and Patterns of Screening for Early-Onset Colorectal Cancer                         | SIDDIQUE, ARFAN              | Awarded. Fellowships only     | 2023/08/18 | 2025/08/17 | \$96,668    | \$96,668    | \$63,251    | \$48,974  |
| 1,697 | F31NS129289 | 5F31NS129289-02   | UNIVERSITY OF COLORADO DENVER           | The Role of Notch Signaling in Shh-mediated Oligodendrocyte Fate Specification  | TRAN, LUULI                  | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$79,346    | \$79,346    | \$67,506    | \$40,313  |
| 1,698 | F31HL165919 | 5F31HL165919-03   | OREGON HEALTH & SCIENCE UNIVERSITY      | The role of NCK1 in CSF3R-driven myeloproliferative neoplasms   | MANIACI, BREANNA NICOLE      | Awarded. Fellowships only     | 2022/12/01 | 2025/11/30 | \$144,700   | \$144,700   | \$110,999   | \$48,974  |
| 1,699 | F30DK134041 | 5F30DK134041-03   | VANDERBILT UNIVERSITY                   | Molecular mechanisms of NKX2.2 function in adult human beta cells   | PETTWAY, YASMINE D           | Awarded. Fellowships only     | 2023/01/01 | 2027/12/31 | \$101,098   | \$101,098   | \$75,454    | \$34,126  |
| 1,700 | F30DE030675 | 5F30DE030675-04   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Unraveling the Cellular Dynamics of the Cranial Base Synchondroses Throughout Postnatal Craniofacial Development      | HALLETT, SHAWN ALEXANDER     | Awarded. Fellowships only     | 2022/01/01 | 2025/12/31 | \$214,878   | \$214,878   | \$214,878   | \$54,774  |
| 1,701 | F31GM151835 | 1F31GM151835-01A1 | UNIVERSITY OF SOUTHERN CALIFORNIA       | Investigating macrophage assisted reprogramming of lizard fibroblasts during appendage regeneration                   | GAMBLE, DARIAN               | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$45,574    | \$45,574    | \$38,518    | \$45,574  |
| 1,702 | F31AI181447 | 1F31AI181447-01A1 | WEILL MEDICAL COLL OF CORNELL UNIV      | Investigating the Role of the Microbiome in Mononuclear Phagocyte Function  | CHEN, AMANDA                 | Awarded. Fellowships only     | 2024/07/08 | 2027/07/07 | \$48,974    | \$48,974    | \$41,375    | \$48,974  |
| 1,703 | T32AI114398 | 2T32AI114398-11A1 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Global HIV Implementation Science Research Training Grant   | HOWARD, ANDREA ALLOCCO       | Awarded. Non-fellowships only | 2014/09/01 | 2029/08/31 | \$286,928   | \$286,928   | \$286,928   | \$286,928 |
| 1,704 | F31NS132469 | 5F31NS132469-02   | DUKE UNIVERSITY                         | Neural and behavioral mechanisms of song learning in zebra finches  | MARTINEZ, MILES              | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$82,054    | \$82,054    | \$75,525    | \$41,667  |
| 1,705 | F32MH135620 | 5F32MH135620-03   | JOHNS HOPKINS UNIVERSITY                | Neural substrates of extinction deficits in pathological fear   | TOTTY, MICHAEL               | Awarded. Fellowships only     | 2024/01/15 | 2027/01/14 | \$143,364   | \$143,364   | \$68,816    | \$74,284  |
| 1,706 | F31DA061638 | 1F31DA061638-01   | TRUSTEES OF INDIANA UNIVERSITY          | Evaluating the Association Between General Chronic Pain Liability and Clinically Recognized Substance Use             | SUMMIT, ALYNNA               | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974    | \$48,974    | \$48,363    | \$48,974  |

|       |             |                   |  |   |                                      |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|--|---|--------------------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 1,707 | F31AI186614 | 1F31AI186614-01   | GEORGE WASHINGTON UNIVERSITY             | PTPN1 and PTPN2 as targets to improve NK function against HIV   | MELO, CLAUDIA                        | Awarded. Fellowships only | 2024/07/01 | 2025/06/30 | \$43,756  | \$43,756  | \$30,213  | \$43,756 |
| 1,708 | F31CA294908 | 1F31CA294908-01   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | A novel immunotherapy for pancreatic cancer using micro-RNA-29a   | RAFIE, CHRISTINE ISABELLE            | Awarded. Fellowships only | 2024/08/01 | 2028/07/31 | \$53,974  | \$53,974  | \$32,839  | \$53,974 |
| 1,709 | F31HL172610 | 5F31HL172610-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Adapting cell-based therapies for the treatment of pulmonary fibrosis   | WHITTY, CAROLINE                     | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$97,948  | \$97,948  | \$68,381  | \$48,974 |
| 1,710 | F31NS139658 | 1F31NS139658-01   | GEORGETOWN UNIVERSITY                    | Matrix Metalloproteinase 2 Controls Trans-Synaptic Homeostatic Plasticity in Drosophila   | CAI, YIMEI                           | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$38,774  | \$38,774  | \$27,711  | \$38,774 |
| 1,711 | F32HL167558 | 1F32HL167558-01A1 | STANFORD UNIVERSITY                      | Investigating the role of the Unfolded Protein Response in Genetic Dilated Cardiomyopathy   | BAUM, RACHEL                         | Awarded. Fellowships only | 2024/09/30 | 2026/01/29 | \$79,756  | \$79,756  | \$10,726  | \$79,756 |
| 1,712 | F30AI181449 | 5F30AI181449-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Transcriptional regulation of NK cell metabolism and effector function by MEF2C   | LI, JOEY H T                         | Awarded. Fellowships only | 2024/04/01 | 2026/03/31 | \$89,302  | \$89,302  | \$44,413  | \$44,651 |
| 1,713 | F31DA055451 | 5F31DA055451-04   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Recovery is Achievable: Biocatalytic approaches to Diversifying Mitragynine Analogs for Opioid Substitution Therapies   | HARRIS, NATALIA                      | Awarded. Fellowships only | 2022/02/01 | 2025/05/31 | \$136,747 | \$136,747 | \$133,818 | \$16,772 |
| 1,714 | F31EY034793 | 5F31EY034793-03   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Rod photoreceptor regeneration in a zebrafish model of Retinitis Pigmentosa.  | SHIHABEDDIN, EYAD                    | Awarded. Fellowships only | 2023/01/16 | 2026/01/15 | \$109,603 | \$109,603 | \$90,140  | \$36,961 |
| 1,715 | F31MH136767 | 1F31MH136767-01A1 | TEXAS TECH UNIVERSITY                    | Improving Brief Assessment of Suicidal Thoughts and Behaviors in Youth: An Engaged, Stakeholder-Informed Approach to Measure Development, Testing, and Implementation | CHRISTENSEN, KIRSTEN                 | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$45,662  | \$45,662  | \$22,557  | \$45,662 |
| 1,716 | F31HL165772 | 5F31HL165772-03   | UNIVERSITY OF VIRGINIA                   | The role of nitrogen metabolism in smooth muscle cell phenotypic plasticity   | PERRY, ROBERT NOAH                   | Awarded. Fellowships only | 2022/12/19 | 2025/12/18 | \$119,122 | \$119,122 | \$96,364  | \$40,448 |
| 1,717 | F31MH134555 | 5F31MH134555-02   | HARVARD UNIVERSITY                       | Enhancing Clinical Decision-Making in Modular Youth Psychotherapy   | VENTURO-CONERLY, KATHERINE ELIZABETH | Awarded. Fellowships only | 2023/08/01 | 2026/07/31 | \$75,430  | \$75,430  | \$67,826  | \$35,226 |
| 1,718 | F31CA294988 | 1F31CA294988-01   | TRUSTEES OF INDIANA UNIVERSITY           | Factors Impacting Global Health: The Importance of Individualized Treatment Goals for Black Breast Cancer Survivors   | SINCLAIR, KELSEY L                   | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$37,788  | \$37,788  | \$33,038  | \$37,788 |
| 1,719 | F31AG081110 | 5F31AG081110-03   | YALE UNIVERSITY                          | Reversal of Age-Associated Damage in the Planarian Germline   | VERDESCA, ANDREW                     | Awarded. Fellowships only | 2023/02/01 | 2026/01/31 | \$145,642 | \$145,642 | \$58,490  | \$48,974 |
| 1,720 | F31NS130997 | 5F31NS130997-03   | DUKE UNIVERSITY                          | Characterizing Evoked Potentials of Deep Brain Stimulation for Parkinsons Disease   | DALE, JAHRANE ANTONIO                | Awarded. Fellowships only | 2023/01/01 | 2026/12/31 | \$136,596 | \$136,596 | \$108,377 | \$42,127 |
| 1,721 | F31HD116512 | 1F31HD116512-01   | NORTHEASTERN UNIVERSITY                  | Epigenetic regulation of the regenerating axolotl forelimbs proximodistal axis by retinoic acid   | MILLER, MELISSA NANETTE              | Awarded. Fellowships only | 2024/09/06 | 2026/09/05 | \$48,974  | \$48,974  | \$0       | \$48,974 |
| 1,722 | F31AI176795 | 5F31AI176795-02   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | TRIM 14 is a master regulator of STAT3 activity during the macrophage innate immune responses to Mycobacterium tuberculosis   | MABRY, CORY                          | Awarded. Fellowships only | 2024/02/01 | 2027/01/31 | \$75,449  | \$75,449  | \$45,743  | \$37,797 |
| 1,723 | F31AI186506 | 1F31AI186506-01   | UNIVERSITY OF TEXAS SAN ANTONIO          | Repurposing Drugs to Discover Novel Antifungals for Coccidioidomycosis  | SAEGER, SARAH BETH                   | Awarded. Fellowships only | 2024/09/01 | 2025/08/31 | \$37,513  | \$37,513  | \$25,417  | \$37,513 |
| 1,724 | F31DC021854 | 5F31DC021854-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Effects of late first language acquisition on phonological processing in American Sign Language   | NIELSON, SHAI LYNNE                  | Awarded. Fellowships only | 2024/01/01 | 2025/12/31 | \$83,566  | \$83,566  | \$41,783  | \$41,783 |
| 1,725 | F32HL176086 | 1F32HL176086-01   | JOHNS HOPKINS UNIVERSITY                 | Financial Toxicity in Chronic Obstructive Pulmonary Disease   | MALLYA, SONAL                        | Awarded. Fellowships only | 2024/07/01 | 2026/06/30 | \$97,364  | \$97,364  | \$81,843  | \$97,364 |
| 1,726 | F31HL176141 | 1F31HL176141-01   | UNIVERSITY OF CALIFORNIA BERKELEY        | Uncovering the Role of Neural Crest Gene Regulatory Networks in Cardiac Regeneration  | HAUGAN, ALEXANDRA K                  | Awarded. Fellowships only | 2024/09/30 | 2026/09/29 | \$42,654  | \$42,654  | \$28,654  | \$42,654 |
| 1,727 | F30CA295068 | 1F30CA295068-01   | UNIVERSITY OF MINNESOTA                  | Engineering Immune Engagers   | WALSH, MELISSA ARIEL                 | Awarded. Fellowships only | 2024/08/26 | 2028/08/25 | \$43,262  | \$43,262  | \$31,206  | \$43,262 |

|       |             |                   |   |   |                                      |                                  |            |            |           |           |           |           |
|-------|-------------|-------------------|---|---|--------------------------------------|----------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,728 | F31DE033916 | 1F31DE033916-01A1 | UNIV OF NORTH CAROLINA<br>CHAPEL HILL       | Investigating the roles of the H3K4<br>methyltransferases KMT2C and KMT2D in<br>chondrocyte differentiation and endochondral<br>ossification                            | QUICKSTAD, GABRIELLE<br>ALAIR        | Awarded. Fellowships only        | 2024/08/01 | 2026/10/31 | \$43,374  | \$43,374  | \$30,267  | \$43,374  |
| 1,729 | T32AI060525 | 5T32AI060525-17   | UNIVERSITY OF PITTSBURGH AT<br>PITTSBURGH   | Immunology of Infections Disease Renewal 2023   | FLYNN, JOANNE L                      | Awarded. Non-fellowships<br>only | 2005/07/01 | 2029/01/31 | \$798,792 | \$798,792 | \$360,563 | \$399,396 |
| 1,730 | F31HD116510 | 1F31HD116510-01   | JOHNS HOPKINS UNIVERSITY                    | Mechanism and Regulation of Replication-Coupled<br>Asymmetric Histone Incorporation in Drosophila<br>Male Germline Stem Cells   | DAVIS, BRENDON EUGENE<br>MICHAEL     | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$39,566  | \$48,974  |
| 1,731 | F30AA031900 | 1F30AA031900-01   | LSU HEALTH SCIENCES CENTER                  | Alcohol-Cannabinoid System Interactions in the<br>Context of Pain and AUD   | LEE, SUMIN                           | Awarded. Fellowships only        | 2024/08/01 | 2028/07/31 | \$40,827  | \$40,827  | \$27,636  | \$40,827  |
| 1,732 | F31HL176166 | 1F31HL176166-01   | UNIVERSITY OF TEXAS HLTH SCI CTR<br>HOUSTON | Investigating the role of Yap/Taz in neural crest-<br>derived cardiac development   | ERHARDT, SHANNON<br>NICOLE           | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$37,124  | \$37,124  | \$15,665  | \$37,124  |
| 1,733 | F32AG090098 | 1F32AG090098-01   | RICE UNIVERSITY                             | Biopsychosocial influences on cognitive function in<br>dementia spousal caregivers  | BRICE, KELLY N                       | Awarded. Fellowships only        | 2024/09/09 | 2027/09/08 | \$78,328  | \$78,328  | \$36,578  | \$78,328  |
| 1,734 | F31AG081046 | 5F31AG081046-03   | EMORY UNIVERSITY                            | Behavioral and Molecular Consequences of Tau<br>Pathology in Locus Coeruleus in Prodromal<br>Alzheimers Disease   | KORUKONDA,<br>ANURADHA               | Awarded. Fellowships only        | 2023/01/01 | 2025/12/31 | \$145,642 | \$145,642 | \$108,924 | \$48,974  |
| 1,735 | F32DA061631 | 1F32DA061631-01   | EMORY UNIVERSITY                            | Examining the modulatory role of galanin in opioid<br>reward  | PATE, BRITTANY                       | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$73,828  | \$73,828  | \$35,833  | \$73,828  |
| 1,736 | F31AG090051 | 1F31AG090051-01   | BOSTON UNIVERSITY MEDICAL<br>CAMPUS         | Functional epitranscriptomic profiling of m6A RNA<br>modifications in Alzheimers Disease  | LIBERA, JENNA LYNN                   | Awarded. Fellowships only        | 2024/08/19 | 2026/11/07 | \$48,974  | \$48,974  | \$17,259  | \$48,974  |
| 1,737 | F31GM156098 | 1F31GM156098-01   | JOHNS HOPKINS UNIVERSITY                    | Time-resolved chromatin accessibility by Single-<br>Molecule FRET of +1 Nucleosome Dynamics   | YAMADI, MARYAM                       | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$17,640  | \$48,974  |
| 1,738 | F32MH135706 | 1F32MH135706-01A1 | UNIVERSITY OF TEXAS AT AUSTIN               | Neurodevelopmental Patterns of Social Reactivity in<br>Youth at Increased Familial Risk for Bipolar I Disorder  | SIEGEL-RAMSAY,<br>JENNIFER E         | Awarded. Fellowships only        | 2024/09/01 | 2026/08/31 | \$84,592  | \$84,592  | \$42,529  | \$84,592  |
| 1,739 | F31HL176153 | 1F31HL176153-01   | UNIVERSITY OF CALIFORNIA, SAN<br>DIEGO      | Decoupling sex chromosome and sex hormone<br>regulation of cardiac myofibroblast activation   | GORASHI, RAYYAN                      | Awarded. Fellowships only        | 2024/12/01 | 2026/11/30 | \$42,132  | \$42,132  | \$12,550  | \$42,132  |
| 1,740 | F31NS139700 | 1F31NS139700-01   | STANFORD UNIVERSITY                         | Precision Monitoring of Multiple Sclerosis with Mobile<br>Devices: A Transformative Approach  | HITTLE, MICHAEL                      | Awarded. Fellowships only        | 2024/08/01 | 2026/07/31 | \$42,407  | \$42,407  | \$26,806  | \$42,407  |
| 1,741 | F31DE034307 | 1F31DE034307-01   | UNIVERSITY OF SOUTHERN<br>CALIFORNIA        | Identifying the cellular origins of jaw joint cartilage<br>regeneration in zebrafish  | OFOEGBU, OLUCHI<br>AMARACHUKWU EBERE | Awarded. Fellowships only        | 2024/09/01 | 2028/08/31 | \$49,774  | \$49,774  | \$28,758  | \$49,774  |
| 1,742 | F31NS135926 | 5F31NS135926-02   | VANDERBILT UNIVERSITY                       | Stress, Inflammation, and Neurocognitive<br>Functioning in Adults with Huntington's Disease   | CIRIEGIO, ABAGAIL<br>ELIZABETH       | Awarded. Fellowships only        | 2023/12/01 | 2026/09/30 | \$97,948  | \$97,948  | \$43,623  | \$48,974  |
| 1,743 | F32AI181504 | 5F32AI181504-02   | CALIFORNIA INSTITUTE OF<br>TECHNOLOGY       | Dissecting the transcription factor networks<br>controlling fetal T-lineage differentiation   | MACNABB, BRENDAN<br>WILLIAM          | Awarded. Fellowships only        | 2024/01/01 | 2026/12/31 | \$148,112 | \$148,112 | \$91,124  | \$74,284  |
| 1,744 | F30HL172613 | 1F30HL172613-01A1 | CINCINNATI CHILDRENS HOSP MED<br>CTR        | Pathogenesis of frequent asthma exacerbators  | PHELAN, KIERAN                       | Awarded. Fellowships only        | 2024/09/07 | 2027/09/06 | \$41,915  | \$41,915  | \$0       | \$41,915  |
| 1,745 | F31HD116499 | 1F31HD116499-01   | RUTGERS, THE STATE UNIV OF N.J.             | ADAD1 and ribosome biogenesis in the post-meiotic<br>male germ cell   | POTGIETER, SARAH                     | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$51,334  | \$51,334  | \$34,988  | \$51,334  |
| 1,746 | F32NS129585 | 5F32NS129585-03   | STANFORD UNIVERSITY                         | NRSA application: Characterizing acetylcholine,<br>noradrenaline, and dopamine diffusion through the<br>extracellular space in three subregions of macaque<br>neocortex | KRUEGER, JULIANE                     | Awarded. Fellowships only        | 2022/12/01 | 2025/11/30 | \$249,222 | \$249,222 | \$187,876 | \$86,488  |
| 1,747 | F30CA278322 | 5F30CA278322-02   | ALBERT EINSTEIN COLLEGE OF<br>MEDICINE      | Anti-Complement Immunotherapy for Pancreatic<br>Cancer  | BELL, BRETT I                        | Awarded. Fellowships only        | 2024/01/01 | 2026/12/31 | \$106,668 | \$106,668 | \$69,780  | \$53,974  |

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|-------|-------------|-------------------|-------------------------------------|---|-------------------------------|----------|------------------|------------|------------|-----------|-----------|-----------|----------|
| 1,748 | F30MH126615 | 5F30MH126615-04   | UNIVERSITY OF CALIFORNIA-IRVINE     | The thalamic paraventricular nucleus mediates the influence of early-life adversity on reward-seeking behaviors   | KOOIKER, CASSANDRA LEIGH      | Awarded. | Fellowships only | 2021/12/01 | 2025/11/30 | \$191,322 | \$191,322 | \$165,192 | \$53,974 |
| 1,749 | F31AI174696 | 5F31AI174696-03   | WASHINGTON UNIVERSITY               | Defining the regulation and regulatory mechanisms of TCF-1 in CD8+ T cell differentiation   | MURPHY, MAEGAN                | Awarded. | Fellowships only | 2022/12/01 | 2025/11/30 | \$103,498 | \$103,498 | \$79,932  | \$34,926 |
| 1,750 | F30AI174817 | 5F30AI174817-03   | UNIVERSITY OF COLORADO DENVER       | The role of indole-induced immune dysregulation in collagen-induced arthritis   | SEYMOUR, BRENDA J             | Awarded. | Fellowships only | 2022/12/01 | 2025/11/30 | \$110,964 | \$110,964 | \$82,570  | \$37,802 |
| 1,751 | F30AG076259 | 5F30AG076259-04   | FATHER FLANAGAN'S BOYS' HOME        | Aberrant cortical entrainment in biomarker-confirmed Alzheimers disease and mild cognitive impairment   | SPRINGER, SETH D              | Awarded. | Fellowships only | 2022/01/12 | 2027/01/11 | \$156,398 | \$156,398 | \$69,103  | \$49,950 |
| 1,752 | F30CA268872 | 5F30CA268872-04   | BAYLOR COLLEGE OF MEDICINE          | Combating the Immunosuppressive Tumor Microenvironment in Triple Negative Breast Cancer: The Role of Mitochondrial Dynamics in the Polarization of Tumor-Associated Macrophages | CHAN, HILDA LYN               | Awarded. | Fellowships only | 2022/01/01 | 2025/06/30 | \$202,433 | \$202,433 | \$151,871 | \$44,213 |
| 1,753 | F31AI186389 | 1F31AI186389-01   | NEW YORK STRUCTURAL BIOLOGY CENTER  | Functional implications of structural heterogeneity in a viral RNA translation initiation element   | SEGAR, KATHERINE              | Awarded. | Fellowships only | 2024/09/15 | 2027/09/14 | \$48,974  | \$48,974  | \$20,959  | \$48,974 |
| 1,754 | F31HD116524 | 1F31HD116524-01   | UNIVERSITY OF COLORADO DENVER       | A novel approach to exercise as treatment for injury-induced impairments in cerebrovascular function among adolescents with concussion  | WINGERSON, MATHEW J           | Awarded. | Fellowships only | 2024/07/16 | 2026/07/15 | \$38,714  | \$38,714  | \$27,629  | \$38,714 |
| 1,755 | F30HL172431 | 1F30HL172431-01A1 | BAYLOR COLLEGE OF MEDICINE          | Macrophage-mediated interleukin-6 signaling drives ryanodine receptor 2 calcium leak in postoperative atrial fibrillation   | KEEFE, JOSHUA ANTHONY         | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$49,244  | \$49,244  | \$41,084  | \$49,244 |
| 1,756 | F32HL176055 | 1F32HL176055-01   | TUFTS MEDICAL CENTER                | The Role of Smooth Muscle Cell Estrogen Receptor Alpha in Aging-Associated Arterial Stiffness   | TURNER, CASEY GAIL            | Awarded. | Fellowships only | 2025/01/01 | 2027/12/31 | \$74,284  | \$74,284  | \$24,417  | \$74,284 |
| 1,757 | F31AI186315 | 1F31AI186315-01   | UNIVERSITY OF KANSAS MEDICAL CENTER | The One Ring to Rule Them All: How ICP0's Ring Finger in Alliance with the Host Protein CIN85 Regulates Protein Trafficking and Communication                                   | LASNIER, SARAH                | Awarded. | Fellowships only | 2025/01/03 | 2028/01/02 | \$37,460  | \$37,460  | \$12,537  | \$37,460 |
| 1,758 | F31EY035961 | 1F31EY035961-01A1 | UNIVERSITY OF VIRGINIA              | Radial Astroglia Form Novel Structures to Engulf Neuronal Cell Bodies during Zebrafish Optic Tectum Development   | BARBER, HEATHER M             | Awarded. | Fellowships only | 2024/08/01 | 2026/07/31 | \$41,145  | \$41,145  | \$28,519  | \$41,145 |
| 1,759 | F31HL168920 | 5F31HL168920-02   | YALE UNIVERSITY                     | Contribution of Endothelial Planar Cell Polarity pathways in Blood Flow Direction Sensing   | X, SHAKA                      | Awarded. | Fellowships only | 2024/01/01 | 2026/12/31 | \$96,668  | \$96,668  | \$55,005  | \$48,974 |
| 1,760 | F32HL170557 | 5F32HL170557-02   | JOHNS HOPKINS UNIVERSITY            | The Role of Iron Deficiency in COPD Morbidity   | KUNITOMO, YUKIKO              | Awarded. | Fellowships only | 2023/07/01 | 2025/06/30 | \$180,916 | \$180,916 | \$164,822 | \$86,488 |
| 1,761 | F31AI186287 | 1F31AI186287-01   | UNIVERSITY OF ILLINOIS AT CHICAGO   | Elucidating the Role of a Staphylococcus aureus Glucosaminidase in the Innate Immune Response.  | JOHNSON, KAELE RENEE          | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$46,377  | \$46,377  | \$27,658  | \$46,377 |
| 1,762 | F31HL175909 | 1F31HL175909-01   | UNIVERSITY OF PENNSYLVANIA          | Identifying Inflammatory Signals Facilitating Ectopic Krt5+ Cell Migration and their Function in the Alveoli  | HOLCOMB, NICOLAS PHILIP       | Awarded. | Fellowships only | 2024/07/01 | 2029/06/30 | \$48,974  | \$48,974  | \$42,376  | \$48,974 |
| 1,763 | F31NS135752 | 1F31NS135752-01A1 | UNIVERSITY OF MARYLAND BALTIMORE    | Pathological SUR1-TRPM4 Expression in Neurons Heightens Chronic Seizure Susceptibility  | MOYER, MITCHELL BRADLEY       | Awarded. | Fellowships only | 2024/08/01 | 2025/07/31 | \$45,574  | \$45,574  | \$29,028  | \$45,574 |
| 1,764 | F30DK138644 | 1F30DK138644-01A1 | WASHINGTON UNIVERSITY               | Interferon-Stimulated Gene 15 as a Novel Regulator of Cell Death During Acute Kidney Injury   | CARPENTER, JESSICA MARIE      | Awarded. | Fellowships only | 2024/07/01 | 2026/06/30 | \$35,482  | \$35,482  | \$28,328  | \$35,482 |
| 1,765 | F30HL175889 | 1F30HL175889-01   | DUKE UNIVERSITY                     | Intracellular Osteopontin induces Pathologic Macrophage phenotypes in Pulmonary Fibrosis  | MESSERSCHMIDT, JONATHAN LEIGH | Awarded. | Fellowships only | 2024/09/30 | 2027/09/29 | \$53,974  | \$53,974  | \$37,559  | \$53,974 |
| 1,766 | F31LM014646 | 1F31LM014646-01   | STANFORD UNIVERSITY                 | Exploring Understudied Proteins to Predict Novel Pathways and Associations to Disease   | NAYAR, GOWRI                  | Awarded. | Fellowships only | 2024/09/30 | 2026/09/29 | \$48,974  | \$48,974  | \$22,112  | \$48,974 |
| 1,767 | F30CA294875 | 1F30CA294875-01   | GEORGETOWN UNIVERSITY               | Promoting Activated Natural Killer (NK) Cell Accumulation in Pancreatic Cancer  | LEKAN, ALEXANDER              | Awarded. | Fellowships only | 2024/09/01 | 2028/08/31 | \$36,274  | \$36,274  | \$1,650   | \$36,274 |



|       |             |                   |   |   |                                |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|---|---|--------------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,768 | F31EY036716 | 1F31EY036716-01   | DUKE UNIVERSITY                             | Dissecting inhibitory mechanisms and their contribution to information processing in retinal ganglion cells.        | RUDZITE, ANDRA MARIJA          | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$41,766  | \$41,766  | \$15,538  | \$41,766  |
| 1,769 | F31AG081073 | 5F31AG081073-03   | UNIV OF NORTH CAROLINA<br>CHAPEL HILL       | Age-related differences in neurobiological systems supporting emotion   | FELDMAN, MALLORY<br>JEAN       | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$121,259 | \$121,259 | \$93,838  | \$41,259  |
| 1,770 | F30AI174699 | 5F30AI174699-03   | HARVARD MEDICAL SCHOOL                      | Fibroblast-mediated inflammatory resolution of rheumatoid arthritis   | ZOU, ANGELA ELIZABETH          | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$147,825 | \$147,825 | \$92,653  | \$53,974  |
| 1,771 | F31AI186436 | 1F31AI186436-01   | VANDERBILT UNIVERSITY                       | The Impact of STING Activation and Fever on Regulatory T cell Function and Stability                                | SMITH, RACHAEL<br>CORYNNE      | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$34,370  | \$34,370  | \$24,022  | \$34,370  |
| 1,772 | F30CA294669 | 1F30CA294669-01   | CASE WESTERN RESERVE UNIVERSITY             | Defining features of the neoantigen-specific T cell response against a common EGFR mutation in lung cancer          | WANG, STEPHEN LEE              | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$53,974  | \$53,974  | \$37,515  | \$53,974  |
| 1,773 | F31DC021859 | 1F31DC021859-01A1 | MEDICAL UNIVERSITY OF SOUTH<br>CAROLINA     | Mitochondrial dysfunction as a promoter of stria vascularis degeneration and inflammation in metabolic presbycusis  | JENKINS, TYREEK<br>RAYSHAWN    | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974  | \$48,974  | \$43,870  | \$48,974  |
| 1,774 | F30HL167581 | 5F30HL167581-02   | UNIVERSITY OF COLORADO<br>DENVER            | Investigating Recruited Lung Macrophage Programming and Turnover in Self-Limited Versus Prolonged Lung Inflammation | KING, EMILY MERTENS            | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$90,913  | \$90,913  | \$72,352  | \$53,974  |
| 1,775 | F31HL170503 | 1F31HL170503-01A1 | UNIVERSITY OF NEW MEXICO<br>HEALTH SCIS CTR | The Role of Mitochondrial Acid-Sensing Ion Channel 1 in Pulmonary Hypertension                                      | TUINEAU, MEGAN                 | Awarded. Fellowships only     | 2024/09/01 | 2026/02/28 | \$40,756  | \$40,756  | \$20,053  | \$40,756  |
| 1,776 | F31CA288057 | 1F31CA288057-01A1 | UNIVERSITY OF VIRGINIA                      | Endothelial Cell Cycle Control to Normalize the Tumor Vasculature   | CAIN, SHELBY                   | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$38,198  | \$38,198  | \$30,269  | \$38,198  |
| 1,777 | F32GM156016 | 1F32GM156016-01   | UNIVERSITY OF MASSACHUSETTS<br>AMHERST      | Demystifying the interaction of UGGT, the ER folding gatekeeper, with its substrates and co-chaperone               | WILLIAMS, ROBERT V             | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$74,284  | \$74,284  | \$38,249  | \$74,284  |
| 1,778 | F30CA294612 | 1F30CA294612-01   | JOHNS HOPKINS UNIVERSITY                    | Genome-wide approaches to non-invasive screening and characterization of ovarian cancers                            | ANNAPRAGADA,<br>AKSHAYA VIJAYA | Awarded. Fellowships only     | 2024/09/01 | 2027/10/31 | \$53,974  | \$53,974  | \$40,959  | \$53,974  |
| 1,779 | F32HD116460 | 1F32HD116460-01   | UNIVERSITY OF WASHINGTON                    | Association between adverse maternal factors and neurodevelopmental outcomes among children in Kenya                | TIWARI, RUCHI                  | Awarded. Fellowships only     | 2024/09/16 | 2026/09/15 | \$76,108  | \$76,108  | \$39,175  | \$76,108  |
| 1,780 | F32DK141236 | 1F32DK141236-01   | UNIVERSITY OF MICHIGAN AT ANN<br>ARBOR      | The contribution of mitochondrial DNA damage to diabetes-related beta-cell failure                                  | DAVIDSON, REBECCA K            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$73,828  | \$73,828  | \$42,120  | \$73,828  |
| 1,781 | F31HL168949 | 5F31HL168949-02   | EMORY UNIVERSITY                            | Roles for integrins in control of lung barrier function   | IBRAHIM, YASMIN                | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$97,948  | \$97,948  | \$61,641  | \$48,974  |
| 1,782 | F30DK135357 | 5F30DK135357-03   | DUKE UNIVERSITY                             | Mechanisms of Enteroendocrine Cell Adaptation to High Fat Diet in Zebrafish   | MORASH, MARGARET               | Awarded. Fellowships only     | 2023/01/01 | 2027/12/31 | \$136,594 | \$136,594 | \$105,361 | \$42,126  |
| 1,783 | T32TR004362 | 5T32TR004362-02   | VIRGINIA COMMONWEALTH<br>UNIVERSITY         | CTSA Predoctoral T32 at Virginia Commonwealth University  | SARKAR, DEVANAND               | Awarded. Non-fellowships only | 2023/12/01 | 2028/11/30 | \$302,114 | \$302,114 | \$153,902 | \$203,568 |
| 1,784 | F31MH138142 | 1F31MH138142-01   | DUKE UNIVERSITY                             | Understanding gene regulation in schizophrenia-associated loci using high-throughput epigenetic CRISPR screens      | HAMILTON, MARISA C             | Awarded. Fellowships only     | 2024/07/11 | 2027/07/10 | \$42,519  | \$42,519  | \$36,388  | \$42,519  |
| 1,785 | F32AI186297 | 1F32AI186297-01   | BOSTON CHILDREN'S HOSPITAL                  | Understanding the role of transmembrane proteins for Plasmodium cell division                                       | BACK, PETER S                  | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$73,828  | \$73,828  | \$42,864  | \$73,828  |
| 1,786 | F32GM156080 | 1F32GM156080-01   | HARVARD UNIVERSITY                          | Role of Chromatin Structures in Genomic Imprinting  | BAE, BONG MIN                  | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$74,284  | \$74,284  | \$48,072  | \$74,284  |
| 1,787 | F32HD116657 | 1F32HD116657-01   | COLUMBIA UNIV NEW YORK<br>MORNINGSIDE       | Discovering how emerging oscillatory dynamics interact with attention to shape memory representations in infancy    | FOREST, TESS                   | Awarded. Fellowships only     | 2024/11/16 | 2027/11/15 | \$73,828  | \$73,828  | \$15,358  | \$73,828  |
| 1,788 | F31NS129296 | 5F31NS129296-03   | VANDERBILT UNIVERSITY                       | Understanding the effects of mitochondrial fission disruption during early cortical development                     | BAUM, TIERNEY                  | Awarded. Fellowships only     | 2022/12/05 | 2025/06/04 | \$99,271  | \$99,271  | \$68,143  | \$32,974  |
| 1,789 | F31ES036884 | 1F31ES036884-01   | WEILL MEDICAL COLL OF CORNELL<br>UNIV       | Protein Modification and Stability Regulation to Cope with Genotoxic Environments                                   | CHWAT-EDELSTEIN,<br>TZIPPORA   | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$48,974  | \$48,974  | \$10,375  | \$48,974  |

|       |             |                   |   |  |                            |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|---|--|----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,790 | F30HD114315 | 1F30HD114315-01A1 | BAYLOR COLLEGE OF MEDICINE              | Defining the role of ILF2-ILF3 in human cell fate  | PARK, EMILY J              | Awarded. Fellowships only     | 2024/08/05 | 2027/08/04 | \$49,362  | \$49,362  | \$39,080  | \$49,362  |
| 1,791 | F32AA031405 | 1F32AA031405-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Neuroepigenetic mechanisms of alcohol response   | FILIPOWICZ, ADAM RICHARD   | Awarded. Fellowships only     | 2024/09/01 | 2025/11/30 | \$74,284  | \$74,284  | \$44,149  | \$74,284  |
| 1,792 | F30AI181340 | 1F30AI181340-01A1 | UNIVERSITY OF IOWA                      | Evaluating the impact of malaria on immunogenicity of the Ebola virus vaccine  | ELLIFF, JONAH              | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$41,385  | \$41,385  | \$26,401  | \$41,385  |
| 1,793 | F31NS134188 | 1F31NS134188-01A1 | BRANDEIS UNIVERSITY                     | Cellular and Molecular Mechanisms of Inhibitory Synapse Development  | PRANSKE, ZACHARY JAMES     | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$70,511  | \$70,511  | \$27,712  | \$35,211  |
| 1,794 | F30CA287962 | 1F30CA287962-01A1 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Decoding the Molecular Basis of Dysregulated Cleavage and Polyadenylation in Myeloid Malignancies - Resubmission - 1 | KOWALSKI, MADELINE HEIDI   | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$41,614  | \$41,614  | \$28,639  | \$41,614  |
| 1,795 | F31DC022154 | 1F31DC022154-01   | HARVARD MEDICAL SCHOOL                  | Sniff-controlling Circuitry in the Parabrachial Nucleus  | PEARL, JONAH ELI           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$36,918  | \$36,918  | \$31,952  | \$36,918  |
| 1,796 | F32HL176048 | 1F32HL176048-01   | UNIVERSITY OF FLORIDA                   | Cellular Mechanisms of Acute-Intermittent Hypercapnic-Hypoxia Induced Phrenic Motor Plasticity                       | BUTENAS, ALEC LLOYD EDWARD | Awarded. Fellowships only     | 2024/09/13 | 2027/09/12 | \$73,828  | \$73,828  | \$43,692  | \$73,828  |
| 1,797 | F31AG090063 | 1F31AG090063-01   | UNIVERSITY OF PENNSYLVANIA              | Combining Chemical Biology and Machine Learning to Generate Reproducible Amyloid Fibrils                             | PEREZ, RYANN MICHAEL       | Awarded. Fellowships only     | 2024/09/05 | 2027/09/04 | \$45,304  | \$45,304  | \$38,726  | \$45,304  |
| 1,798 | F32AI181496 | 1F32AI181496-01A1 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Investigating a RORgt-expressing antigen presenting cell required for peripheral Treg responses to gut microbiota    | CHEN, FRANCIS M            | Awarded. Fellowships only     | 2024/11/01 | 2026/10/31 | \$74,284  | \$74,284  | \$25,345  | \$74,284  |
| 1,799 | T32HL167121 | 5T32HL167121-03   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Promoting Under-Representative Minorities in Pulmonary and Sleep Research (PURPOSE)                                  | PUNJABI, NARESH M          | Awarded. Non-fellowships only | 2022/12/01 | 2027/11/30 | \$958,150 | \$958,150 | \$243,792 | \$386,359 |
| 1,800 | F31DC022153 | 1F31DC022153-01   | HARVARD MEDICAL SCHOOL                  | Leveraging human intracranial recordings to quantitatively characterize basal ganglia output during speech           | BULLOCK, PRICE LATANE      | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$43,203  | \$43,203  | \$40,851  | \$43,203  |
| 1,801 | F30HD111129 | 5F30HD111129-03   | BAYLOR COLLEGE OF MEDICINE              | Determining the effect of DNMT3A loss on the competitive fitness of mutant cells in somatic mosaicism                | WALDVOGEL, SARAH MARIE     | Awarded. Fellowships only     | 2022/12/20 | 2026/12/19 | \$151,479 | \$151,479 | \$83,867  | \$55,037  |
| 1,802 | F31NS130757 | 5F31NS130757-03   | DUKE UNIVERSITY                         | Neuron-Microglia Crosstalk in Development: A new role for the neuron-derived cytokine IL34 in microglial function    | DEVLIN, BENJAMIN           | Awarded. Fellowships only     | 2022/12/01 | 2025/09/30 | \$140,938 | \$140,938 | \$109,227 | \$44,270  |
| 1,803 | F31HD116488 | 1F31HD116488-01   | YALE UNIVERSITY                         | Investigating how maternal metabolic dysfunction impacts mammalian gastrulation                                      | BERGMANN, JENNA            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$33,958  | \$33,958  | \$22,160  | \$33,958  |
| 1,804 | F31GM156078 | 1F31GM156078-01   | UT SOUTHWESTERN MEDICAL CENTER          | Mechanisms of Transcriptional Condensate Function during Cell State Transitions                                      | EPPERT, MIKAYLA            | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$40,127  | \$40,127  | \$30,719  | \$40,127  |
| 1,805 | F30NS141502 | 1F30NS141502-01   | BROWN UNIVERSITY                        | Effect of Extracellular Citrate on Neuronal Excitability in SLC13A5 Epilepsy   | LIN, ALICE S               | Awarded. Fellowships only     | 2024/12/01 | 2028/11/30 | \$53,974  | \$53,974  | \$22,506  | \$53,974  |
| 1,806 | F30HD117592 | 1F30HD117592-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Quantifying germ cell lineage dynamics in mammalian oogenesis  | ZUSSMAN, JAY WOLF          | Awarded. Fellowships only     | 2024/12/01 | 2028/11/30 | \$41,750  | \$41,750  | \$0       | \$41,750  |
| 1,807 | F31EY037197 | 1F31EY037197-01   | DREXEL UNIVERSITY                       | Characterization of visual feature encoding in Drosophila Visual Projection Neurons LPLC1 and LPLC2                  | HINA, BRYCE                | Awarded. Fellowships only     | 2024/12/15 | 2026/12/14 | \$51,474  | \$51,474  | \$22,445  | \$51,474  |
| 1,808 | F31HL178296 | 1F31HL178296-01   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Elucidating the Interplay Between DDX41 and CUX1 Mutations in Hematopoiesis in Danio Rerio and iPSCs                 | AWAD, VALERIE              | Awarded. Fellowships only     | 2024/12/01 | 2028/03/31 | \$53,974  | \$53,974  | \$1,585   | \$53,974  |
| 1,809 | F31AR083254 | 5F31AR083254-02   | STANFORD UNIVERSITY                     | Hydrogels with Tunable Stress Relaxation and Mobility for Enhancing Articular Cartilage Regeneration                 | JONES, SARAH JANE          | Awarded. Fellowships only     | 2023/09/15 | 2026/11/13 | \$96,668  | \$96,668  | \$60,222  | \$48,974  |
| 1,810 | F31DA062445 | 1F31DA062445-01   | UNIVERSITY OF PENNSYLVANIA              | Endogenous opioid modulation of cortical pain circuits.  | OSWELL, CORINNA            | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974  | \$48,974  | \$19,499  | \$48,974  |



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|-------|-------------|-------------------|---|---|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,811 | F32EY035578 | 5F32EY035578-02   | UNIVERSITY OF OREGON                    | Microbiome Modulation of Visual System Development  | JAMES, DAVID M          | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$151,040   | \$151,040   | \$76,699    | \$76,756  |
| 1,812 | F31DC022507 | 1F31DC022507-01   | UNIVERSITY OF PENNSYLVANIA              | Cortical mechanisms for contrast gain control in auditory perception in noise.  | ZELIGER, OMER           | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$48,974    | \$48,974    | \$39,336    | \$48,974  |
| 1,813 | F31CA298561 | 1F31CA298561-01   | BAYLOR COLLEGE OF MEDICINE              | A Novel Immune Tolerization Strategy for Investigating the Trade-offs between Oncogene Pathogenicity and Immunogenicity.  | HOFFMAN, DANE KRISTIAN  | Awarded. Fellowships only     | 2025/04/21 | 2027/04/20 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,814 | F31DK136225 | 5F31DK136225-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | Forced Activation of ATF6 Drives Pancreatic Beta Cell Dysfunction   | RAPPA, ANDREW           | Awarded. Fellowships only     | 2024/03/18 | 2027/03/17 | \$97,948    | \$97,948    | \$46,283    | \$48,974  |
| 1,815 | F31EY035156 | 5F31EY035156-03   | CASE WESTERN RESERVE UNIVERSITY         | Src Inhibition Induces Selective Autophagic Killing of T. gondii Independently of EGF Receptor  | HUBAL, ALYSSA           | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$135,442   | \$135,442   | \$89,868    | \$45,574  |
| 1,816 | F31HD115304 | 1F31HD115304-01A1 | UNIVERSITY OF WASHINGTON                | Modeling Chromosomal Mosaicism During Early Human Embryogenesis on Microarray Platform  | JAN, IAN                | Awarded. Fellowships only     | 2024/12/13 | 2026/07/12 | \$44,457    | \$44,457    | \$25,386    | \$44,457  |
| 1,817 | T32HL134625 | 5T32HL134625-09   | BROWN UNIVERSITY                        | Brown Respiratory Research Training Program   | HARRINGTON, ELIZABETH O | Awarded. Non-fellowships only | 2017/02/01 | 2027/02/28 | \$2,613,712 | \$2,613,712 | \$1,548,230 | \$665,172 |
| 1,818 | F32DA057779 | 5F32DA057779-03   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Characterizing the connectivity and molecular composition of opioid-sensitive neurons in the periaqueductal gray  | NIEHAUS, JESSE          | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$225,148   | \$225,148   | \$132,356   | \$78,892  |
| 1,819 | F31AI183737 | 5F31AI183737-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Elucidating the Proteolytic Determinants of Flavivirus Infection  | CORLISS, LOCHLAIN       | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$88,584    | \$88,584    | \$45,910    | \$44,292  |
| 1,820 | F30AI183562 | 1F30AI183562-01A1 | UNIVERSITY OF FLORIDA                   | Utilizing phylogenetic and causal artificial intelligence methods for predicting and characterizing antibiotic resistant bacterial transmission within and beyond hospital settings | COHEN, SCOTT A          | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$43,131    | \$43,131    | \$12,527    | \$43,131  |
| 1,821 | F31DC022470 | 1F31DC022470-01   | HARVARD MEDICAL SCHOOL                  | Mechanisms of experience-dependent odor categorization in the olfactory cortex  | D'ALESSANDRO, ISABEL    | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$43,203    | \$43,203    | \$26,578    | \$43,203  |
| 1,822 | F30AI183705 | 1F30AI183705-01A1 | UNIVERSITY OF MINNESOTA                 | Investigating mechanisms of bystander CD8 T cell mediated immunopathology   | WALL, SARAH M           | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$42,492    | \$42,492    | \$10,286    | \$42,492  |
| 1,823 | F31DA062411 | 1F31DA062411-01   | UNIVERSITY OF MINNESOTA                 | Regulation of Methamphetamine-Induced Behaviors by the Neurotensin Receptor 1   | MOORE, MADELYN          | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$36,498    | \$36,498    | \$433       | \$36,498  |
| 1,824 | F30AR085476 | 1F30AR085476-01   | NORTHEAST OHIO MEDICAL UNIVERSITY       | The Role of GPNMB in Post-Traumatic Osteoarthritis  | KRONK, TRINITY          | Awarded. Fellowships only     | 2025/05/01 | 2029/04/30 | \$42,720    | \$42,720    | \$0         | \$42,720  |
| 1,825 | F30EY035173 | 5F30EY035173-02   | EMORY UNIVERSITY                        | A Novel Non-Drug, Non-Surgical Hydrogel-Based Treatment of Glaucoma   | CHUNG, YOOREE GRACE     | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$106,668   | \$106,668   | \$74,333    | \$53,974  |
| 1,826 | T32EY026590 | 5T32EY026590-10   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Translational Vision Research Training at UCSD  | ZANGWILL, LINDA M       | Awarded. Non-fellowships only | 2016/04/01 | 2026/03/31 | \$313,252   | \$313,252   | \$253,025   | \$71,632  |
| 1,827 | T32CA288356 | 5T32CA288356-02   | UNIVERSITY OF PENNSYLVANIA              | Training in Tumor Virology  | ROBERTSON, ERLE S       | Awarded. Non-fellowships only | 2024/05/15 | 2029/04/30 | \$907,866   | \$907,866   | \$166,213   | \$454,348 |
| 1,828 | F31AI188630 | 1F31AI188630-01   | UNIVERSITY OF MINNESOTA                 | Role of S1PRs and KLF transcription factors in CD8T cell trafficking  | DEPAUW, TAYLOR A        | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$35,785    | \$35,785    | \$8,187     | \$35,785  |
| 1,829 | F31ES037182 | 1F31ES037182-01   | YALE UNIVERSITY                         | Regulation of co- and post-transcriptional pre-mRNA processing in response to environmental stress in green algae   | SHINE, MORGAN ASHLEIGH  | Awarded. Fellowships only     | 2024/12/01 | 2028/11/30 | \$48,974    | \$48,974    | \$14,908    | \$48,974  |
| 1,830 | F31HL177899 | 1F31HL177899-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Triangulating causal effects of sleep, inflammation, and cardiometabolic disease  | KOENIGSBERG, SARAH H    | Awarded. Fellowships only     | 2025/05/01 | 2027/11/30 | \$41,136    | \$41,136    | \$0         | \$41,136  |
| 1,831 | F31MH139249 | 1F31MH139249-01   | UNIVERSITY OF FLORIDA                   | Cell specific & compartment specific changes in translation during long term memory storage   | ZHAO, YIBO              | Awarded. Fellowships only     | 2025/01/03 | 2028/01/02 | \$35,974    | \$35,974    | \$5,263     | \$35,974  |
| 1,832 | F31HL178278 | 1F31HL178278-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating the role of SYNE1-Giant in Atrial Cardiomyopathy  | LALLY, NAV              | Awarded. Fellowships only     | 2025/04/01 | 2030/03/31 | \$41,713    | \$41,713    | \$0         | \$41,713  |

|       |             |                   |   |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,833 | F30DK138766 | 5F30DK138766-02   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Determining CGRP neuron contribution to inflammation-induced anorexia   | PROVINCE, HALEY            | Awarded. Fellowships only     | 2024/04/01 | 2028/06/30 | \$98,726    | \$98,726    | \$43,415    | \$44,752  |
| 1,834 | F30CA298121 | 1F30CA298121-01   | WASHINGTON UNIVERSITY                   | Dissecting how activated immunity reshapes the stromal TME of pancreatic ductal adenocarcinoma  | SELLS, BLAKE               | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$35,482    | \$35,482    | \$0         | \$35,482  |
| 1,835 | F31DC022140 | 1F31DC022140-01A1 | UNIVERSITY OF VIRGINIA                  | Phosphatidylserine signaling in neuronal refinement of the cochlea  | NIMCHUK, KATHERINE         | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$38,198    | \$38,198    | \$23,542    | \$38,198  |
| 1,836 | F31MH136792 | 1F31MH136792-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Investigating Mentalizing as a Cognitive Strength and Protective Factor Among Youth Impacted by Structural Inequality                               | NAVARRO, ESMERALDA         | Awarded. Fellowships only     | 2024/09/05 | 2026/09/04 | \$40,572    | \$40,572    | \$36,317    | \$40,572  |
| 1,837 | F30AI183592 | 5F30AI183592-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Investigating the molecular mechanisms of Plasmodium vivax invasion in Duffy-negative hosts   | CONNELLY, SEAN             | Awarded. Fellowships only     | 2024/04/01 | 2029/03/31 | \$81,036    | \$81,036    | \$38,204    | \$40,518  |
| 1,838 | F32DC022143 | 5F32DC022143-02   | UNIVERSITY OF ROCHESTER                 | Modeling the effects of binaural midbrain coding and efferent gain control on the perception of complex sounds                                      | GUEST, DANIEL              | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$151,040   | \$151,040   | \$67,829    | \$76,756  |
| 1,839 | F31AI183560 | 1F31AI183560-01A1 | UNIVERSITY OF COLORADO DENVER           | The Role of the Group B Streptococcus Type VII Secretion System in Polymicrobial Environments   | JOB, ALYX M                | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$37,529    | \$37,529    | \$16,028    | \$37,529  |
| 1,840 | F31NS137667 | 1F31NS137667-01A1 | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Understanding the Impact of CACNA1A/unc-2 Mutations on Presynaptic Structure and Function in C. Elegans   | KRAWCHUK, MICHAEL B        | Awarded. Fellowships only     | 2025/02/15 | 2027/02/14 | \$48,974    | \$48,974    | \$7,502     | \$48,974  |
| 1,841 | F31DC022520 | 1F31DC022520-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Behavioral and neural mechanisms of chemosensation in skin-penetrating parasitic nematodes  | GONZALEZ AKIMORI, DAMIA    | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$44,731    | \$44,731    | \$28,221    | \$44,731  |
| 1,842 | F32HL178083 | 1F32HL178083-01   | UNIVERSITY OF PENNSYLVANIA              | Unraveling the cell networks in bone marrow through transcriptomic and epigenetic profiling   | DUFFY, MICHAEL P           | Awarded. Fellowships only     | 2025/02/01 | 2026/01/31 | \$79,756    | \$79,756    | \$0         | \$79,756  |
| 1,843 | F30HL172604 | 5F30HL172604-02   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Investigation of Chromatin Modifiers to Elucidate the Phenotypic Variability of Congenital Heart Disease in Patients with 22q11.2 Deletion Syndrome | MILLER, DANIELLA           | Awarded. Fellowships only     | 2024/01/16 | 2027/07/15 | \$107,948   | \$107,948   | \$67,959    | \$53,974  |
| 1,844 | F32DK007762 | 3T32DK007762-47S1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Training Program in Pediatric Gastroenterology/Nutrition  | BAYRER, JAMES              | Awarded. Non-fellowships only | 1998/08/24 | 2028/06/30 | \$1,035,770 | \$1,035,770 | \$1,177,841 | \$101,987 |
| 1,845 | F31GM157877 | 1F31GM157877-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Engineering bacterial group I introns for efficient production of safe and durable nucleoside-modified circular mRNA therapeutics                   | FELIX MEJIA, ALEJANDRO     | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$33,780    | \$33,780    | \$11,548    | \$33,780  |
| 1,846 | F31HL170558 | 5F31HL170558-02   | UNIVERSITY OF KENTUCKY                  | The myosin super-relaxed state and human dilated cardiomyopathy   | WELLETTE-HUNSUCKER, AUSTIN | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$70,644    | \$70,644    | \$32,620    | \$35,322  |
| 1,847 | F32HL170536 | 5F32HL170536-02   | BAYLOR COLLEGE OF MEDICINE              | Mu Opioid Receptors and Splice Variant Expression in Neonate Autoresuscitation  | MEMOS, NICOLETTA K         | Awarded. Fellowships only     | 2024/02/26 | 2027/02/25 | \$148,112   | \$148,112   | \$91,023    | \$74,284  |
| 1,848 | F31CA287495 | 5F31CA287495-02   | MAYO CLINIC ROCHESTER                   | DUSP2 in Negative Regulation of Cytotoxic T Cell Responses to Immunotherapy   | DELLACECCA, EMILIA R       | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948    | \$97,948    | \$47,081    | \$48,974  |
| 1,849 | F31DE034609 | 1F31DE034609-01   | UNIVERSITY OF IOWA                      | Deciphering the role of MEMO1 during amelogenesis   | WUEBKER, SAMANTHA          | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$37,973    | \$37,973    | \$12,210    | \$37,973  |
| 1,850 | F30HL178304 | 1F30HL178304-01   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES  | The Second Heart Field in Lymphovenous Valve Development: Understanding Lymphatic Dysfunction in Congenital Heart Disease                           | VYZAS, CHRISTINA           | Awarded. Fellowships only     | 2024/12/27 | 2029/06/26 | \$44,880    | \$44,880    | \$7,704     | \$44,880  |
| 1,851 | F32DK139699 | 1F32DK139699-01A1 | UNIVERSITY OF COLORADO DENVER           | Physiological regulation of energy intake at meals following weight loss  | EZPELETA, MARK             | Awarded. Fellowships only     | 2025/01/01 | 2025/12/31 | \$74,284    | \$74,284    | \$19,064    | \$74,284  |
| 1,852 | F31MD020261 | 1F31MD020261-01   | UNIVERSITY OF CALIFORNIA BERKELEY       | Understanding the Macrosocial Drivers of Cardiovascular Health in the Rural South   | BENJAMIN, LARISSA          | Award terminated              | 2024/11/01 | 2025/10/31 | \$45,965    | \$45,965    | \$27,145    | \$45,965  |

|       |             |                   |  |  |                        |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|--|--|------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 1,853 | F30DK137453 | 5F30DK137453-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Understanding Kidney Endothelial Maturity and Mesenchymal Transition in Vascularized Human Kidney Organoids                                      | MAGGIORE, JOSEPH COLE  | Awarded. Fellowships only     | 2024/04/04 | 2027/04/03 | \$102,508 | \$102,508 | \$13,490  | \$51,254  |
| 1,854 | T35OD011887 | 5T35OD011887-18   | VIRGINIA POLYTECHNIC INST AND ST UNIV    | Summer Veterinary Student Research (SVSRP)   | AHMED, S ANSAR         | Awarded. Non-fellowships only | 2005/10/01 | 2028/03/31 | \$133,685 | \$133,685 | \$98,922  | \$54,498  |
| 1,855 | F31DK138763 | 5F31DK138763-02   | UNIVERSITY OF COLORADO DENVER            | Study the role and origin of hybrid insulin peptides in the pathogenesis of type 1 diabetes  | GROEGLER, JASON        | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$71,948  | \$71,948  | \$45,777  | \$35,974  |
| 1,856 | F31HD115361 | 5F31HD115361-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Comparison of Antimicrobial Safety and Effectiveness for the Treatment of Urinary Tract Infections During Pregnancy                              | KAHRS, JACOB           | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$80,744  | \$80,744  | \$36,823  | \$41,012  |
| 1,857 | F31HD112113 | 5F31HD112113-02   | EMORY UNIVERSITY                         | Revealing the Defects in Gene Regulation that Link ARID1B to a Spectrum of Neurodevelopmental Disorders  | LOSKOVE, YONINA        | Awarded. Fellowships only     | 2024/05/02 | 2027/05/01 | \$97,948  | \$97,948  | \$41,368  | \$48,974  |
| 1,858 | F31DK139619 | 5F31DK139619-02   | UNIVERSITY OF IOWA                       | GRASP55 Regulates Pancreatic Beta-cell Golgi Structure and Function During Cytokine Stress   | BLOM, SANDRA           | Awarded. Fellowships only     | 2024/03/01 | 2026/10/31 | \$69,027  | \$69,027  | \$36,174  | \$34,138  |
| 1,859 | F32AI189235 | 1F32AI189235-01   | BOSTON CHILDREN'S HOSPITAL               | Antiretroviral mechanisms of TRIM56  | PARSONS, MOLLY FRANCES | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$77,284  | \$77,284  | \$30,942  | \$77,284  |
| 1,860 | F31DA063524 | 1F31DA063524-01A1 | NORTHEASTERN UNIVERSITY                  | Revealing activity signatures of early life adversity in the basolateral amygdala driving risky decision making                                  | CODY, CAITLYN ROSE     | Awarded. Fellowships only     | 2025/01/21 | 2028/01/20 | \$48,974  | \$48,974  | \$6,330   | \$48,974  |
| 1,861 | F32GM157940 | 1F32GM157940-01   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Machine Learning and Automated Flow Synthesis for the Development of Peptide Catalysts for the Stereo- and Site-Selective Formation of C-C Bonds | YU, ISAAC FU-RAY       | Awarded. Fellowships only     | 2025/01/15 | 2028/01/14 | \$73,408  | \$73,408  | \$12,941  | \$73,408  |
| 1,862 | F32MH139150 | 1F32MH139150-01   | LIEBER INSTITUTE, INC.                   | Identifying a functional role for transcriptionally distinct, BLA-activated LS ensembles in social behaviors                                     | PHILLIPS, ROBERT       | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$78,828  | \$78,828  | \$18,088  | \$78,828  |
| 1,863 | F31DK139684 | 1F31DK139684-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Role of hemopexin in the development of urologicchronic pelvic pain syndrome   | CAANGAY, ANASTASIA E   | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$40,556  | \$40,556  | \$0       | \$40,556  |
| 1,864 | F31NS132578 | 1F31NS132578-01A1 | DREXEL UNIVERSITY                        | Mechanisms and functions of the transcription factor broad as a terminal selector in the fly visual system                                       | SMOLIN, NATALIE        | Awarded. Fellowships only     | 2024/12/15 | 2026/12/14 | \$48,974  | \$48,974  | \$21,319  | \$48,974  |
| 1,865 | F32DE033911 | 5F32DE033911-02   | UNIVERSITY OF SOUTHERN CALIFORNIA        | The roles of Hsd3b7 and Foxp2 in Lower Jaw Development   | PAULISSEN, ERIC        | Awarded. Fellowships only     | 2024/05/01 | 2025/09/30 | \$116,113 | \$116,113 | \$63,947  | \$37,185  |
| 1,866 | T32EY025201 | 5T32EY025201-10   | SMITH-KETLEWELL EYE RESEARCH INSTITUTE   | Postdoctoral Training in Vision Research   | VERGHESE, PREETI       | Awarded. Non-fellowships only | 2016/04/01 | 2026/03/31 | \$622,927 | \$622,927 | \$449,205 | \$89,768  |
| 1,867 | F30CA298391 | 1F30CA298391-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Functional consequences of high glucose culture on adoptive T cell therapies for cancer  | BUMGARNER, HANNAH      | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$53,974  | \$53,974  | \$0       | \$53,974  |
| 1,868 | F31GM154433 | 1F31GM154433-01A1 | UT SOUTHWESTERN MEDICAL CENTER           | Investigating the role of the RNA helicase F57B9.3 in translational regulation under conditions of lipid depletion                               | WALL, JORDAN MCCALL    | Awarded. Fellowships only     | 2024/12/01 | 2027/05/31 | \$40,127  | \$40,127  | \$9,440   | \$40,127  |
| 1,869 | F30CA298388 | 1F30CA298388-01   | VANDERBILT UNIVERSITY                    | VISTA-Mediated Immune Evasion in High-Risk Myelodysplastic Syndrome  | ZHANG, RAYMOND J       | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$34,295  | \$34,295  | \$0       | \$34,295  |
| 1,870 | F31HL178223 | 1F31HL178223-01   | UNIVERSITY OF DENVER (COLORADO SEMINARY) | Association of Discrimination Reported During Pregnancy with Cardiovascular Disease Risk in Mothers  | DIEUJUSTE, NATHALIE    | Awarded. Fellowships only     | 2025/01/06 | 2027/01/05 | \$51,974  | \$51,974  | \$10,922  | \$51,974  |
| 1,871 | F32AR083823 | 5F32AR083823-02   | OKLAHOMA MEDICAL RESEARCH FOUNDATION     | Deciphering the myofibroblast life cycle in skin wound healing   | JEONG, SUNHYE          | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$157,040 | \$157,040 | \$64,604  | \$79,756  |
| 1,872 | T32AR082315 | 5T32AR082315-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Research Training in Systems Skin Biology  | KIM, BRIAN             | Awarded. Non-fellowships only | 2023/05/01 | 2028/04/30 | \$753,310 | \$753,310 | \$446,891 | \$276,981 |

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|-------|-------------|-------------------|--|--|--------------------------|---------------------------|------------|------------|-----------|-----------|----------|----------|
| 1,873 | F31HD117594 | 1F31HD117594-01   | NORTHWESTERN UNIVERSITY AT CHICAGO       | The effect of gonadotropin pathway genetic variation on PCOS pathogenesis  | STOKES, GIANGELA MARIA   | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$44,187  | \$44,187  | \$7,507  | \$44,187 |
| 1,874 | F31DA062444 | 1F31DA062444-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Functions and mechanisms of Crym-positive astrocytes in the nucleus accumbens  | ADAMS, JULIA M           | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$44,664  | \$44,664  | \$11,512 | \$44,664 |
| 1,875 | F32HL178024 | 1F32HL178024-01   | UNIVERSITY OF PENNSYLVANIA               | defense by branched-chain amino acid metabolism  | HAGGADONE, MIKEL DAVID   | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$76,756  | \$76,756  | \$42,914 | \$76,756 |
| 1,876 | F30AT013174 | 1F30AT013174-01   | VIRGINIA POLYTECHNIC INST AND ST UNIV    | Mapping the neural and physiologic response to tonic pain with low-intensity focused ultrasound: a bridge towards therapeutic applications                   | STROHMAN, ANDREW         | Awarded. Fellowships only | 2025/01/10 | 2028/03/09 | \$44,151  | \$44,151  | \$10,339 | \$44,151 |
| 1,877 | F31CA284715 | 5F31CA284715-02   | VANDERBILT UNIVERSITY                    | SOX9 as a key transcriptional regulator of SPEM cells in gastric carcinogenesis  | GUENTHER, ALEXIS A       | Awarded. Fellowships only | 2024/04/01 | 2025/05/31 | \$41,644  | \$41,644  | \$33,852 | \$7,332  |
| 1,878 | F30DA059437 | 5F30DA059437-03   | YALE UNIVERSITY                          | Subcortical targets involved in the action of psilocybin in learned and innate escape behaviors  | DAVOUDIAN, PASHA A       | Awarded. Fellowships only | 2023/04/16 | 2026/04/15 | \$140,560 | \$140,560 | \$77,391 | \$53,974 |
| 1,879 | F31HL168914 | 5F31HL168914-02   | EMORY UNIVERSITY                         | Impact of Resident Memory CD8 T Cells on Respiratory Virus Transmission  | MICHALETS, SARAH         | Awarded. Fellowships only | 2023/06/01 | 2026/05/31 | \$96,668  | \$96,668  | \$70,063 | \$48,974 |
| 1,880 | F31AG084295 | 5F31AG084295-02   | DENVER                                   | Individual Predoctoral Fellowship  | DOOLING, BREANNA         | Awarded. Fellowships only | 2024/02/02 | 2027/02/01 | \$71,938  | \$71,938  | \$31,852 | \$36,577 |
| 1,881 | F30HD114410 | 5F30HD114410-02   | BAYLOR COLLEGE OF MEDICINE               | Inhibitory neuron dysfunction in intellectual disability and epilepsy  | JIANG, KEVIN             | Awarded. Fellowships only | 2024/03/15 | 2027/05/14 | \$99,637  | \$99,637  | \$41,604 | \$51,096 |
| 1,882 | F32AI181510 | 5F32AI181510-02   | WHITEHEAD INSTITUTE FOR BIOMEDICAL RES   | Investigating differentiation, maintenance, and reactivation of the Toxoplasma chronic stage   | LICON, MEREDITH HALEY    | Awarded. Fellowships only | 2024/04/01 | 2027/03/31 | \$155,648 | \$155,648 | \$76,726 | \$78,892 |
| 1,883 | F31AI179207 | 5F31AI179207-02   | EMORY UNIVERSITY                         | Within and between host dynamics in influenza A virus antigenic evolution  | RAGHUNATHAN, VEDHIKA     | Awarded. Fellowships only | 2024/05/01 | 2027/04/30 | \$97,948  | \$97,948  | \$46,047 | \$48,974 |
| 1,884 | F32AA031422 | 5F32AA031422-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Effects of tACS on alcohol-induced cognitive and neurochemical deficits  | SULLIVAN, EMILY          | Awarded. Fellowships only | 2024/01/01 | 2025/07/17 | \$122,528 | \$122,528 | \$93,428 | \$50,528 |
| 1,885 | F31MD019216 | 5F31MD019216-02   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | The Application of a Theoretical Framework to Assess the Acceptability of a Health-Related Social Needs Screening Tool Among Black Patients In New York City | ONAKOMAIYA, DEBORAH      | Award terminated          | 2023/09/19 | 2025/09/18 | \$96,192  | \$96,192  | \$58,835 | \$48,736 |
| 1,886 | F31AI179208 | 5F31AI179208-02   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | Toxin B receptor mediated events in Clostridioides difficile disease   | DOYLE, DENA ANNIE        | Awarded. Fellowships only | 2024/02/05 | 2026/01/31 | \$73,148  | \$73,148  | \$39,530 | \$36,574 |
| 1,887 | F31CA271740 | 5F31CA271740-03   | UNIVERSITY OF UTAH                       | Investigating the regulation and mechanism of tension-sensors Stu2 & Ndc80c  | STEWART, MICHAEL         | Awarded. Fellowships only | 2023/04/01 | 2026/03/31 | \$127,619 | \$127,619 | \$84,435 | \$43,133 |
| 1,888 | F31AT012837 | 1F31AT012837-01A1 | UNIVERSITY OF NORTH CAROLINA GREENSBORO  | Microbe-Microbe and Microbe-Host Interactions Relevant to the Skin Microbiome  | BUNCH, ZOIE              | Awarded. Fellowships only | 2025/01/01 | 2026/12/31 | \$35,766  | \$35,766  | \$9,226  | \$35,766 |
| 1,889 | F32DA062455 | 1F32DA062455-01   | WASHINGTON UNIVERSITY                    | Investigating the role of dorsal raphe nucleus enkephalin neurons in motivational and affective behaviors during chronic pain                                | BRADEN, KATHRYN I        | Awarded. Fellowships only | 2025/01/01 | 2028/12/31 | \$77,284  | \$77,284  | \$19,272 | \$77,284 |
| 1,890 | F31HL167578 | 5F31HL167578-03   | YALE UNIVERSITY                          | Inter-Domain Regulation of p120RasGAP  | PAUL, MAXUM              | Awarded. Fellowships only | 2023/02/01 | 2026/01/31 | \$145,642 | \$145,642 | \$79,347 | \$48,974 |
| 1,891 | F31AI178950 | 5F31AI178950-02   | VANDERBILT UNIVERSITY                    | Iron homeostasis in sustaining commensal resilience in the inflamed gut  | FANSLER, RYAN T          | Awarded. Fellowships only | 2024/02/01 | 2027/01/31 | \$68,590  | \$68,590  | \$36,176 | \$34,295 |
| 1,892 | F31HL177888 | 1F31HL177888-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Investigating the Role of High Fat Diet in Hematopoiesis and Clonal Hematopoiesis  | CAMPBELL, KORAL          | Awarded. Fellowships only | 2025/02/01 | 2028/01/31 | \$48,974  | \$48,974  | \$4,704  | \$48,974 |
| 1,893 | F32HD117535 | 1F32HD117535-01   | HARVARD SCHOOL OF PUBLIC HEALTH          | Prenatal exposure to maternal incarceration and infant and toddler health and development  | KOTLAR, BETHANY CLARISSA | Awarded. Fellowships only | 2025/04/01 | 2027/03/31 | \$79,108  | \$79,108  | \$0      | \$79,108 |
| 1,894 | F31HD115296 | 1F31HD115296-01A1 | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Leveraging Embedded Mobile Device Sensors for Detection of Childrens Mobile Screen Use: Examining Feasibility and Performance                                | FINNEGAN, OLIVIA         | Awarded. Fellowships only | 2024/12/17 | 2027/12/16 | \$41,902  | \$41,902  | \$0      | \$41,902 |
| 1,895 | F30HL167457 | 5F30HL167457-03   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | Metabolic Control of Epigenetic Reprogramming in Neovascularization  | LU, ALEXANDER J          | Awarded. Fellowships only | 2023/02/01 | 2026/09/30 | \$118,213 | \$118,213 | \$82,289 | \$40,688 |

|       |             |                   |   |  |                               |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,896 | F30AI176699 | 5F30AI176699-02   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Macrophage NR4A nuclear receptors in tuberculosis pathogenesis   | SIMPER, JAN                   | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$76,735    | \$76,735    | \$50,141    | \$38,421  |
| 1,897 | F31MH136670 | 5F31MH136670-02   | UNIVERSITY OF WASHINGTON                | Characterizing the function of locus coeruleus and pericoerulear zone activity during avoidance behavior                               | MARTIN, MADISON MARGARET      | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$48,974    | \$48,974  |
| 1,898 | F32DC022467 | 1F32DC022467-01   | GALLAUDET UNIVERSITY                    | Examining Iconicity with EEG: The role of Motoric Iconicity and Embodied Cognition in American Sign Language                           | MCGARRY, MEGHAN ELIZABETH     | Awarded. Fellowships only     | 2025/01/15 | 2028/01/14 | \$77,468    | \$77,468    | \$5,119     | \$77,468  |
| 1,899 | F31HL168916 | 5F31HL168916-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Regulation of Protein Kinase C Theta by Phosphorylation  | HODAPP, STEFANIE JILL         | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$122,848   | \$122,848   | \$82,350    | \$41,376  |
| 1,900 | F31DK136254 | 5F31DK136254-03   | EMORY UNIVERSITY                        | Determining the role of Tet1 in facultative intestinal stem cells  | JANTO, NICOLAS VAUGHAN        | Awarded. Fellowships only     | 2023/04/01 | 2027/03/31 | \$145,642   | \$145,642   | \$96,625    | \$48,974  |
| 1,901 | F30CA298302 | 1F30CA298302-01   | HARVARD MEDICAL SCHOOL                  | Identifying the Determinants of Immunoediting During Glioblastoma Immunotherapy  | GHANNAM, JACK                 | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$41,656    | \$41,656    | \$2,352     | \$41,656  |
| 1,902 | F30HD111284 | 5F30HD111284-03   | HARVARD MEDICAL SCHOOL                  | Developing Evidence-Based and Machine Learning Methods to Advance Evidence-Based Maternal Care and Improve Newborn Health Outcomes     | VATSA, RAJET                  | Awarded. Fellowships only     | 2023/03/01 | 2027/02/28 | \$135,008   | \$135,008   | \$109,113   | \$53,974  |
| 1,903 | F30HD111296 | 5F30HD111296-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Neural Circuit Mechanisms of Seizure Susceptibility in a Mouse Model of Angelman Syndrome  | RINGELBERG, NICHOLAS W        | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$86,570    | \$86,570    | \$38,718    | \$47,356  |
| 1,904 | F31NS129270 | 5F31NS129270-03   | NORTHWESTERN UNIVERSITY                 | Comparative Approaches for the Study of Somatosensory Processing in Drosophila   | CAPEK, MATTHEW                | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$139,132   | \$139,132   | \$92,014    | \$47,118  |
| 1,905 | F30DK135345 | 5F30DK135345-03   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Coordination of T cell-derived signals in intestinal epithelial barrier defense  | WILSON, CHRISTOPHER GARRETT   | Awarded. Fellowships only     | 2023/03/01 | 2026/08/31 | \$119,619   | \$119,619   | \$74,193    | \$35,641  |
| 1,906 | F31HD110151 | 5F31HD110151-02   | CUNY GRADUATE SCH AND UNIV CTR          | Characterization of the Attentional Profile in Women and Girls with a Fragile X Premutation Allele                                     | RUSSELL-GILLER, SHIRA         | Awarded. Fellowships only     | 2024/02/15 | 2027/02/14 | \$67,668    | \$67,668    | \$33,965    | \$32,974  |
| 1,907 | T32DK131957 | 5T32DK131957-03   | WEILL MEDICAL COLL OF CORNELL UNIV      | Research Training in Endocrinology and Metabolism  | ALONSO, LAURA C               | Awarded. Non-fellowships only | 2023/04/01 | 2028/03/31 | \$927,242   | \$927,242   | \$342,427   | \$348,276 |
| 1,908 | T32GM144273 | 3T32GM144273-03S1 | HARVARD MEDICAL SCHOOL                  | Medical Scientist Training Program   | WALENSKY, LOREN DAVID         | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$8,922,388 | \$8,922,388 | \$8,223,659 | \$119,872 |
| 1,909 | F31DA062446 | 1F31DA062446-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | The glucocorticoid receptor as a top-down neuromolecular mechanism of inhibitory control   | FELIX, PRINCESS               | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$42,545    | \$42,545    | \$19,590    | \$42,545  |
| 1,910 | T35DK007386 | 5T35DK007386-45   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Short Term Research Training   | DELLON, EVAN SAMUEL           | Awarded. Non-fellowships only | 1980/05/01 | 2026/02/28 | \$530,797   | \$530,797   | \$494,415   | \$85,952  |
| 1,911 | F31EY035133 | 5F31EY035133-02   | CLEVELAND CLINIC LERNER COM-CWRU        | Characterizing the role of mitochondrial DNA mutations on retinal degeneration.  | STURGIS, JOHNATHON BRIAN      | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$97,948    | \$97,948    | \$27,375    | \$48,974  |
| 1,912 | F31AA031597 | 5F31AA031597-02   | UNIVERSITY OF MINNESOTA                 | Illuminating Neurobiological Adaptations of Afferent Projections to the Lateral Habenula During Aversion-Resistant Alcohol Consumption | KERMOADE, KLAITEN E           | Awarded. Fellowships only     | 2024/02/05 | 2028/02/04 | \$93,328    | \$93,328    | \$40,201    | \$46,664  |
| 1,913 | F32NS134588 | 5F32NS134588-02   | BOSTON CHILDREN'S HOSPITAL              | Role of Choroid Plexus Autotaxin Secretion in Hemorrhage-Induced White Matter Injury   | HOCHSTETLER, ALEXANDRA        | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$148,112   | \$148,112   | \$93,653    | \$74,284  |
| 1,914 | F31MH135696 | 5F31MH135696-02   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Optimizing in vivo dLight recordings for investigating the influence of disease on dopamine signaling.                                 | ROSHGADOL, JACOB              | Awarded. Fellowships only     | 2024/04/01 | 2025/09/30 | \$67,727    | \$67,727    | \$34,458    | \$25,755  |
| 1,915 | F32AI179006 | 5F32AI179006-02   | UNIVERSITY OF CHICAGO                   | The Role of Host Genetics in Shaping Intestinal Lactobacillus Population   | LIETUVNINKAS, HELEN BEILINSON | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$151,040   | \$151,040   | \$72,381    | \$76,756  |
| 1,916 | T32AT008938 | 5T32AT008938-10   | UNIVERSITY OF NORTH CAROLINA GREENSBORO | Predoctoral Training: Innovative Technologies for Natural Products and Integrative Medicine Research                                   | CECH, NADJA B                 | Awarded. Non-fellowships only | 2016/03/01 | 2026/03/31 | \$740,374   | \$740,374   | \$594,762   | \$188,839 |

|       |             |                   |   |   |                                      |                                  |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|--------------------------------------|----------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,917 | F31HD113306 | 5F31HD113306-02   | UNIVERSITY OF TX MD ANDERSON<br>CAN CTR   | Molecular and Cellular Regulation of Uterine<br>Morphogenesis   | MACHADO, DIANA                       | Awarded. Fellowships only        | 2024/02/03 | 2027/02/02 | \$72,640    | \$72,640    | \$56,011    | \$36,960  |
| 1,918 | F32HL170592 | 5F32HL170592-02   | YALE UNIVERSITY                           | A multi-modal approach for efficient, point-of-care<br>screening of hypertrophic cardiomyopathy   | OIKONOMOU,<br>EVANGELOS              | Awarded. Fellowships only        | 2023/09/01 | 2026/08/31 | \$165,684   | \$165,684   | \$116,881   | \$86,392  |
| 1,919 | F31HL170655 | 5F31HL170655-02   | UNIVERSITY OF IOWA                        | Examining the Function of a Novel Protein in the<br>Cardiac Junctional Membrane Complex   | CIAMPA, GRACE                        | Awarded. Fellowships only        | 2024/01/01 | 2026/12/31 | \$66,994    | \$66,994    | \$40,476    | \$34,137  |
| 1,920 | F32AA031396 | 5F32AA031396-02   | PENNSYLVANIA STATE UNIVERSITY,<br>THE     | Sex differences in somatostatin cell dynamics and<br>exploratory behavior after adolescent binge<br>drinking in mice  | SEEMILLER, LAUREL                    | Awarded. Fellowships only        | 2024/03/01 | 2027/02/28 | \$147,236   | \$147,236   | \$64,439    | \$73,828  |
| 1,921 | F30HD107912 | 5F30HD107912-03   | RUTGERS BIOMEDICAL AND HEALTH<br>SCIENCES | Caesarean Deliverys Effect on the Early Life<br>Microbiome and Neurodevelopment   | LESSING, JEREMY K                    | Awarded. Fellowships only        | 2023/01/01 | 2026/12/31 | \$121,742   | \$121,742   | \$78,858    | \$45,574  |
| 1,922 | F31AG082504 | 5F31AG082504-03   | UNIVERSITY OF WISCONSIN-<br>MADISON       | Regulation of cellular senescence and metabolic<br>health by dietary protein  | CALUBAG, MARIAH                      | Awarded. Fellowships only        | 2023/04/03 | 2026/04/02 | \$145,642   | \$145,642   | \$80,003    | \$48,974  |
| 1,923 | F30DK136276 | 5F30DK136276-03   | UNIVERSITY OF MIAMI SCHOOL OF<br>MEDICINE | Strategies to attenuate the indirect alloimmune<br>response in encapsulated pancreatic islet<br>transplantation   | LI, CHRIS MICHAEL                    | Awarded. Fellowships only        | 2023/04/01 | 2027/03/31 | \$160,642   | \$160,642   | \$108,124   | \$53,974  |
| 1,924 | T32DK007217 | 3T32DK007217-48S1 | STANFORD UNIVERSITY                       | Diabetes, Endocrinology and Metabolism Training<br>Grant  | ANNES, JUSTIN PIERCE                 | Awarded. Non-fellowships<br>only | 1976/07/01 | 2028/06/30 | \$831,699   | \$831,699   | \$709,647   | \$91,953  |
| 1,925 | F31DA059262 | 5F31DA059262-02   | UNIVERSITY OF WASHINGTON                  | Exploration of the unique neurobehavioral profile of<br>sequential opioid-stimulant polysubstance use<br>disorders  | SAAVEDRA, SARA                       | Awarded. Fellowships only        | 2024/03/01 | 2027/02/28 | \$90,510    | \$90,510    | \$50,204    | \$45,255  |
| 1,926 | T32HL176428 | 1T32HL176428-01   | RHODE ISLAND HOSPITAL                     | Postdoctoral Research Training in Child Health<br>Equity  | KOINIS MITCHELL,<br>DAPHNE           | Awarded. Non-fellowships<br>only | 2025/02/01 | 2030/01/31 | \$185,178   | \$185,178   | \$654       | \$185,178 |
| 1,927 | F30DK134204 | 5F30DK134204-03   | EMORY UNIVERSITY                          | Valerobetaine is a microbe-generated metabolite<br>that induces mitochondrial biogenesis and<br>maintains epithelial integrity  | ASKEW, LAUREN CASEY                  | Awarded. Fellowships only        | 2023/04/01 | 2026/03/31 | \$160,642   | \$160,642   | \$103,897   | \$53,974  |
| 1,928 | F32GM153032 | 5F32GM153032-02   | COLUMBIA UNIV NEW YORK<br>MORNINGSIDE     | Photocatalytic Generation of Reactive Probes for<br>Bioconjugation and Proximity Labeling   | KARIOFILLIS, STAVROS<br>KONSTANTINOS | Awarded. Fellowships only        | 2024/01/10 | 2027/01/09 | \$148,112   | \$148,112   | \$84,077    | \$74,284  |
| 1,929 | F31AR085939 | 1F31AR085939-01   | UNIVERSITY OF WISCONSIN-<br>MADISON       | The Role of MKK3b in the Mechanical Activation of<br>mTORC1, Protein Synthesis, and Skeletal Muscle<br>Growth   | FLYNN, COREY                         | Awarded. Fellowships only        | 2025/04/15 | 2028/04/14 | \$36,689    | \$36,689    | \$0         | \$36,689  |
| 1,930 | F31MH140553 | 1F31MH140553-01   | TUFTS UNIVERSITY BOSTON                   | Evaluating a cell type-specific mechanism of<br>glutamatergic synapse function and organization   | BOYER, MOLLY BRADY                   | Awarded. Fellowships only        | 2025/05/01 | 2027/10/23 | \$45,162    | \$45,162    | \$0         | \$45,162  |
| 1,931 | F32CA271719 | 5F32CA271719-02   | BROAD INSTITUTE, INC.                     | Directed Clonal Evolution of Drug Resistant BRAF<br>Mutant Melanoma for Cross-Sensitization to MAPK<br>Hyperactivation  | CHO, EUNICE                          | Awarded. Fellowships only        | 2024/03/01 | 2027/02/28 | \$151,040   | \$151,040   | \$80,181    | \$76,756  |
| 1,932 | F31DC022501 | 1F31DC022501-01A1 | UNIVERSITY OF MASSACHUSETTS<br>AMHERST    | Caregiver-Implemented Early Language<br>Interventions in Puerto Rico: A Mixed-Methods<br>Examination of Provider and Caregiver Practices<br>and Perspectives to Develop Culturally Responsive<br>Interventions. | LOPEZ GONZALEZ, ADA<br>CRISTINA      | Awarded. Fellowships only        | 2025/01/20 | 2027/01/19 | \$48,974    | \$48,974    | \$28,224    | \$48,974  |
| 1,933 | T32DK007314 | 3T32DK007314-44S1 | UNIVERSITY OF PENNSYLVANIA                | Diabetes, Endocrine, and Metabolism   | STOFFERS, DORIS A                    | Awarded. Non-fellowships<br>only | 1978/09/15 | 2026/06/30 | \$2,357,846 | \$2,357,846 | \$2,118,666 | \$113,487 |
| 1,934 | F30DK142445 | 1F30DK142445-01A1 | UT SOUTHWESTERN MEDICAL<br>CENTER         | Uncovering the mechanistic drivers of hepatic<br>dysfunction in LIPT1 deficiency  | CERVANTES, MARGARET<br>BRECKER       | Awarded. Fellowships only        | 2025/05/01 | 2029/04/30 | \$43,127    | \$43,127    | \$0         | \$43,127  |
| 1,935 | F31EY037580 | 1F31EY037580-01   | TUFTS UNIVERSITY BOSTON                   | Investigating Fucosylation as a Mediator of Limbal<br>Stem Cell Viability   | JUDGE, JENNIFER R                    | Awarded. Fellowships only        | 2025/04/01 | 2028/03/31 | \$48,012    | \$48,012    | \$0         | \$48,012  |
| 1,936 | F32HD113386 | 5F32HD113386-02   | LOYOLA UNIVERSITY CHICAGO                 | Targeting MeCP2-Associated Disorders with miRNA<br>Site-Blocking Oligonucleotides   | VANDERFLOW, AMANDA                   | Awarded. Fellowships only        | 2024/05/01 | 2027/04/30 | \$155,840   | \$155,840   | \$52,679    | \$79,156  |



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|-------|-------------|-------------------|--|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,937 | F32HL172535 | 5F32HL172535-02   | JOHNS HOPKINS UNIVERSITY                 | The Association of Pneumonia-Related Financial Toxicity with Subsequent Outcomes  | WOMER, JAMES W             | Awarded. Fellowships only     | 2023/12/30 | 2025/06/29 | \$133,830   | \$133,830   | \$113,540   | \$44,966  |
| 1,938 | F31HD118793 | 1F31HD118793-01   | COLUMBIA UNIV NEW YORK MORNINGSIDE       | Using genetics and optogenetics to dissect how Rho signaling is coordinated at distinct subcellular domains to drive epithelial tissue morphogenesis                        | COUNTRYMAN, ANDREW DYLAN   | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 1,939 | T32GM007863 | 3T32GM007863-45S1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Michigan Medical Scientist Training Program   | COLLINS, KATHLEEN L        | Awarded. Non-fellowships only | 1980/08/01 | 2025/06/30 | \$7,735,661 | \$7,735,661 | \$7,605,360 | \$59,936  |
| 1,940 | T32HD069038 | 5T32HD069038-15   | CHILDREN'S MERCY HOSP (KANSAS CITY, MO)  | Childrens Mercy Hospital Collaborative Fellowship Program in Pediatric Pharmacology   | WAGNER, JONATHAN           | Awarded. Non-fellowships only | 2011/05/01 | 2026/04/30 | \$1,257,733 | \$1,257,733 | \$774,650   | \$298,713 |
| 1,941 | F32DA063281 | 1F32DA063281-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Cannabidiol and buprenorphine: A poly-pharmacy approach to treat opioid use disorder  | GALBO THOMMA, LINDSEY      | Awarded. Fellowships only     | 2025/05/01 | 2026/08/30 | \$76,828    | \$76,828    | \$0         | \$76,828  |
| 1,942 | F30AI157211 | 5F30AI157211-05   | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | Mechanisms of regulatory T cell processes by IL-2 - TRANSFER to UNM   | SHOUSE, ACACIA NICOLE      | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$209,456   | \$205,481   | \$156,439   | \$53,974  |
| 1,943 | F32MH134481 | 5F32MH134481-02   | UNIVERSITY OF MISSOURI-COLUMBIA          | Caregiver Cry Perception and Developmental Trajectories of Infant-Caregiver Interactions Involving Cry as an Early Marker of Autism   | ANDRES, ERIN MARIE         | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$150,133   | \$150,133   | \$68,915    | \$74,284  |
| 1,944 | TL1DK143271 | 1TL1DK143271-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | PCT-KUH: Pittsburgh center for training in kidney, urology and hematology   | KLEYMAN, THOMAS R          | Awarded. Non-fellowships only | 2024/09/01 | 2029/05/31 | \$572,301   | \$572,301   | \$97,764    | \$572,301 |
| 1,945 | T32AR007080 | 3T32AR007080-45S1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Scientist Training in Rheumatology Research   | KNIGHT, JASON              | Awarded. Non-fellowships only | 1976/07/01 | 2028/06/30 | \$975,930   | \$975,930   | \$589,585   | \$86,976  |
| 1,946 | F30CA275160 | 5F30CA275160-03   | HARVARD MEDICAL SCHOOL                   | Targeting the E1 Control Point of Protein Ubiquitination in Cancer  | ZEINA, CHRISTINA MARIE     | Awarded. Fellowships only     | 2022/08/01 | 2025/11/30 | \$134,064   | \$134,064   | \$93,816    | \$53,974  |
| 1,947 | T32DK091317 | 3T32DK091317-14S1 | UNIVERSITY OF UTAH                       | Interdisciplinary Training Program in Metabolism  | SUMMERS, SCOTT A           | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,667,670 | \$1,667,670 | \$1,378,751 | \$45,596  |
| 1,948 | T32EY023202 | 5T32EY023202-10   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | Vision Science Training Program   | CALLEGAN, MICHELLE C       | Awarded. Non-fellowships only | 2014/05/01 | 2026/03/31 | \$297,894   | \$297,894   | \$197,702   | \$67,832  |
| 1,949 | T32DK112751 | 3T32DK112751-08S1 | UNIVERSITY OF IOWA                       | Diabetes Research Training Program  | NORRIS, ANDREW W           | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,523,844 | \$1,523,844 | \$1,260,418 | \$86,976  |
| 1,950 | F32HD113195 | 5F32HD113195-02   | UNIVERSITY OF COLORADO DENVER            | Osseoperception, Proprioception, and Postural Control in Individuals with an Osseointegrated Prosthesis   | TRACY, JAMES B             | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$159,414   | \$159,414   | \$76,545    | \$79,869  |
| 1,951 | F31EY034016 | 3F31EY034016-03S1 | UNIVERSITY OF MINNESOTA                  | Visual Perception in Visual Snow Syndrome   | MONTOYA, SAMANTHA A        | Awarded. Fellowships only     | 2022/08/29 | 2025/08/28 | \$102,917   | \$102,917   | \$80,842    | \$1,280   |
| 1,952 | F30HD114316 | 5F30HD114316-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Breast Milk IgA Exerts Selective Pressure on the Preterm Gut Microbiome   | TIN, CHRISTINE MELODY      | Awarded. Fellowships only     | 2024/01/01 | 2028/12/31 | \$106,668   | \$106,668   | \$42,571    | \$53,974  |
| 1,953 | F31HD113347 | 5F31HD113347-02   | UNIVERSITY OF WISCONSIN-MADISON          | Histone demethylase control of primordial germ cell specification   | CORMATY, HARSHINI          | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$81,241    | \$81,241    | \$40,172    | \$41,423  |
| 1,954 | F30DE031829 | 5F30DE031829-04   | UNIVERSITY OF MINNESOTA                  | Analysis of human retrovirus particle assembly sites  | WILLKOMM, NORA             | Awarded. Fellowships only     | 2021/09/27 | 2025/09/26 | \$214,012   | \$214,012   | \$209,812   | \$57,774  |
| 1,955 | F31AI176861 | 5F31AI176861-02   | UNIVERSITY OF WASHINGTON                 | Associations between influenza vaccination during pregnancy and outcomes related to maternal influenza disease, infant anthropometry, and cost-effectiveness in rural Nepal | FRIVOLD, COLLRANE          | Awarded. Fellowships only     | 2024/01/16 | 2026/01/15 | \$97,948    | \$97,948    | \$73,628    | \$48,974  |
| 1,956 | F31AI181569 | 1F31AI181569-01   | YALE UNIVERSITY                          | Determining the mechanism of cell death of small molecules produced by Pseudomonas aeruginosa against Acanthamoeba castellanii  | COLÓN RÍOS, REBECCA ISABEL | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$48,974    | \$48,974    | \$22,636    | \$48,974  |
| 1,957 | F31HL172670 | 1F31HL172670-01   | VANDERBILT UNIVERSITY                    | CaMK4 as a Critical Mediator of Inflammation Resolution and Trained Immunity  | GONZALEZ, AZUAH LUCRECIA   | Awarded. Fellowships only     | 2024/06/29 | 2027/06/28 | \$34,295    | \$34,295    | \$23,928    | \$34,295  |
| 1,958 | F32GM143919 | 5F32GM143919-03   | HARVARD UNIVERSITY                       | Anion Abstraction From Hypervalent Silanes: Enantioselective Synthesis of Compounds Bearing Carbon and Silicon Stereogenic Centers  | SHEVICK, SOPHIA LOUISE     | Awarded. Fellowships only     | 2022/06/13 | 2025/06/12 | \$210,154   | \$210,154   | \$195,074   | \$74,284  |

|       |             |                   |   |  |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,959 | F31HL156608 | 5F31HL156608-04   | JOHNS HOPKINS UNIVERSITY                | Targeting HMGA1-Mediated Progression and Immune Evasion in Myeloproliferative Diseases   | KIM, YOUNGEUN JOSEPH       | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$189,456   | \$189,456   | \$144,318   | \$48,974  |
| 1,960 | F32HD114539 | 1F32HD114539-01   | UNIVERSITY OF CALIFORNIA SANTA BARBARA  | Shining light on the mechanisms of primate gastrulation: development of high-throughput, optogenetic tools for understanding embryonic development     | RUFO, JOSEPH               | Awarded. Fellowships only     | 2024/07/22 | 2027/07/21 | \$74,284    | \$74,284    | \$46,589    | \$74,284  |
| 1,961 | T32GM144636 | 5T32GM144636-03   | UNIVERSITY OF IOWA                      | Predoctoral Training in the Pharmacological Sciences   | STRACK, STEFAN             | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,199,768 | \$1,199,768 | \$997,658   | \$414,269 |
| 1,962 | T32GM148376 | 1T32GM148376-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Molecular and Cellular Biophysics Training Grant   | KUHLMAN, BRIAN A           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$479,849   | \$479,849   | \$406,005   | \$479,849 |
| 1,963 | F31AI181652 | 1F31AI181652-01   | YALE UNIVERSITY                         | Characterization of full-length CPSF6 and its interaction with HIV capsid  | FRENIERE, CHRISTIAN JOSEPH | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$33,950    | \$33,950    | \$17,224    | \$33,950  |
| 1,964 | F31DC020864 | 5F31DC020864-02   | HARVARD MEDICAL SCHOOL                  | The Role of the Motor System in Speech and Language in Autism  | O'BRIEN, AMANDA            | Awarded. Fellowships only     | 2023/07/01 | 2025/07/31 | \$72,556    | \$72,556    | \$62,606    | \$36,918  |
| 1,965 | F31GM149178 | 5F31GM149178-02   | NORTHWESTERN UNIVERSITY                 | F31 Microtubule function in the onset of whole-body regeneration   | ANDERSON, XAVIER N         | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$89,106    | \$89,106    | \$78,181    | \$45,491  |
| 1,966 | T32AI007046 | 5T32AI007046-48   | UNIVERSITY OF VIRGINIA                  | Infectious Diseases Training Program   | PETRI, WILLIAM A           | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$2,030,631 | \$2,030,631 | \$1,830,285 | \$715,843 |
| 1,967 | F31GM150276 | 5F31GM150276-02   | NEW YORK UNIVERSITY                     | Contribution of cell mechanics in promoting collective behavior for supracellular migration  | GUPTA, SELENA              | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$96,668    | \$96,668    | \$75,866    | \$48,974  |
| 1,968 | T35DK104689 | 5T35DK104689-10   | YALE UNIVERSITY                         | Short Term Research Training: Students in Health Professional Schools  | HERZOG, ERICA L            | Awarded. Non-fellowships only | 2015/06/01 | 2025/05/31 | \$1,247,965 | \$1,247,965 | \$1,067,684 | \$266,689 |
| 1,969 | T34GM136494 | 5T34GM136494-05   | TEMPLE UNIV OF THE COMMONWEALTH         | MARC at Temple University  | MATSIKA, SPIRIDOULA        | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$2,094,217 | \$2,094,217 | \$1,974,919 | \$469,995 |
| 1,970 | T32DK007191 | 5T32DK007191-50   | MASSACHUSETTS GENERAL HOSPITAL          | Research Training in Digestive Diseases  | CHUNG, RAYMOND T           | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$2,881,305 | \$2,881,305 | \$2,490,154 | \$627,110 |
| 1,971 | T32AT004094 | 5T32AT004094-15   | LSU PENNINGTON BIOMEDICAL RESEARCH CTR  | Botanical Approaches to Combat Metabolic Syndrome  | BRANTLEY, PHILLIP J        | Awarded. Non-fellowships only | 2009/05/01 | 2026/04/30 | \$2,256,310 | \$2,256,310 | \$1,680,719 | \$187,332 |
| 1,972 | T32DA031099 | 5T32DA031099-13   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Substance Abuse Epidemiology Training Program (SAETP) at Columbia University   | HASIN, DEBORAH S           | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$1,357,324 | \$1,357,324 | \$1,341,066 | \$510,748 |
| 1,973 | F31DK138741 | 1F31DK138741-01   | UNIVERSITY OF FLORIDA                   | Measuring Exocrine Pancreas Metabolism in Type 1 Diabetes  | RUSHIN, ANNA               | Awarded. Fellowships only     | 2024/05/15 | 2027/05/14 | \$85,148    | \$42,574    | \$41,294    | \$42,574  |
| 1,974 | F30AA029261 | 5F30AA029261-04   | DARTMOUTH COLLEGE                       | Prenatal alcohol exposure, GABAergic interneuron circuitry, early motor behavior, and the developing striatum  | TOUSLEY, ADELAIDE R        | Awarded. Fellowships only     | 2021/05/25 | 2026/05/24 | \$209,456   | \$209,456   | \$178,978   | \$53,974  |
| 1,975 | T32DA013911 | 5T32DA013911-22   | MIRIAM HOSPITAL                         | HIV and Other Infectious Consequences of Substance Use   | RICH, JOSIAH D             | Awarded. Non-fellowships only | 2001/07/01 | 2028/06/30 | \$815,399   | \$815,399   | \$491,275   | \$557,680 |
| 1,976 | F32DK138739 | 1F32DK138739-01   | CHILDREN'S HOSP OF PHILADELPHIA         | Real-world Effectiveness and Utilization of Glucagon-Like Peptide-1 Receptor Agonists for Treatment of Type 2 Diabetes in Adolescents and Young Adults | CHU, PATRICIA YEA          | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$90,988    | \$90,988    | \$73,746    | \$90,988  |
| 1,977 | F31AT012724 | 1F31AT012724-01   | DARTMOUTH COLLEGE                       | Asymmetric de Novo Synthesis of a Cardenolide: The Total Synthesis of Sarmentogenin  | BUCKNAM, ANDREA RACHEL     | Awarded. Fellowships only     | 2024/07/24 | 2026/07/23 | \$48,974    | \$48,974    | \$19,154    | \$48,974  |
| 1,978 | T32DK007762 | 5T32DK007762-47   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Training Program in Pediatric Gastroenterology/Nutrition   | BAYRER, JAMES              | Awarded. Non-fellowships only | 1998/08/24 | 2028/06/30 | \$1,035,770 | \$1,035,770 | \$1,177,841 | \$490,664 |
| 1,979 | F31NS127544 | 5F31NS127544-02   | TEMPLE UNIV OF THE COMMONWEALTH         | The role of Cannabinoid Receptor 2 in cerebrovascular protection following traumatic brain injury  | BULLOCK, TRENT A           | Awarded. Fellowships only     | 2023/02/01 | 2025/12/31 | \$71,254    | \$71,254    | \$26,532    | \$35,562  |



|       |             |                   |  |   |                           |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 1,980 | T32GM008792 | 5T32GM008792-22   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Postdoctoral Training Program in Trauma   | COX, CHARLES S            | Awarded. Non-fellowships only | 2001/07/02 | 2028/06/30 | \$681,140   | \$681,140   | \$566,258   | \$347,714 |
| 1,981 | F31CA278591 | 5F31CA278591-02   | COLD SPRING HARBOR LABORATORY            | Targeting of Krüppel-like Factor 5 (KLF5) in Pancreatic Ductal Adenocarcinoma   | CUNNIFF, PATRICK          | Awarded. Fellowships only     | 2023/05/16 | 2026/02/15 | \$96,668    | \$96,668    | \$92,807    | \$48,974  |
| 1,982 | T32GM144292 | 5T32GM144292-03   | UNIVERSITY OF CHICAGO                    | Molecular and Cellular Biology Training Program   | MUNRO, EDWIN MARSHALL     | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$2,560,410 | \$2,560,410 | \$2,056,085 | \$878,975 |
| 1,983 | T32DK007056 | 5T32DK007056-48   | STANFORD UNIVERSITY                      | Training Grant in Academic Gastroenterology   | TOROK, NATALIE J          | Awarded. Non-fellowships only | 1975/07/01 | 2028/06/30 | \$688,416   | \$688,416   | \$619,284   | \$343,308 |
| 1,984 | F31AI176818 | 1F31AI176818-01A1 | YALE UNIVERSITY                          | The Kinetics and Dynamics of Functional Immune Responses to Plasmodium falciparum Strains   | HAGADORN, KELLY           | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$25,208    | \$48,974  |
| 1,985 | T32GM135169 | 5T32GM135169-04   | UNIVERSITY OF COLORADO DENVER            | Anesthesiology Mentored Research Training   | JEVTOVIC-TODOROVIC, VESNA | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$640,543   | \$640,543   | \$346,401   | \$197,535 |
| 1,986 | F30HD108986 | 5F30HD108986-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Investigation of fmn12 in cerebellar development  | TRAN, JOYCE               | Awarded. Fellowships only     | 2022/06/02 | 2026/06/01 | \$124,439   | \$124,439   | \$121,586   | \$43,123  |
| 1,987 | F30DC021348 | 5F30DC021348-02   | DUKE UNIVERSITY                          | Leveraging multi-omics to define the role of epigenetic regulation by PRC2 in Esthesioneuroblastoma   | FINLAY, JOHN BARRATT      | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$94,823    | \$94,823    | \$86,671    | \$42,129  |
| 1,988 | T32MH017119 | 5T32MH017119-38   | HARVARD SCHOOL OF PUBLIC HEALTH          | Training Program in Psychiatric Genetics and Translational Research   | KOENEN, KARESTAN C        | Awarded. Non-fellowships only | 1983/07/01 | 2025/06/30 | \$2,190,466 | \$2,190,466 | \$1,982,285 | \$440,804 |
| 1,989 | T32GM136631 | 5T32GM136631-04   | STANFORD UNIVERSITY                      | Molecular Pharmacology Training Program   | CHEN, JAMES K             | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,572,781 | \$1,572,781 | \$1,279,603 | \$439,487 |
| 1,990 | F31AI176803 | 1F31AI176803-01A1 | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Deciphering the mechanisms of nucleolar stress response during MCPyV infection  | PHAM, ALEXANDER MICHAEL   | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$35,848    | \$35,848    | \$22,672    | \$35,848  |
| 1,991 | T32DK007158 | 5T32DK007158-49   | CORNELL UNIVERSITY                       | NUTRITION TRAINING  | CASSANO, PATRICIA A       | Awarded. Non-fellowships only | 1976/07/01 | 2027/05/31 | \$576,325   | \$576,325   | \$523,444   | \$188,087 |
| 1,992 | F31HL172638 | 1F31HL172638-01   | UNIVERSITY OF UTAH                       | Defining the role of platelet-mediated glycolcalyx breakdown in driving pathogenic CD8 activity during severe malaria.                                    | REED, JENNA SUSAN         | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$39,995    | \$39,995    | \$29,329    | \$39,995  |
| 1,993 | T32DA007244 | 5T32DA007244-35   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Predoctoral Training in Addiction Science   | CARELLI, REGINA M         | Awarded. Non-fellowships only | 1990/09/30 | 2025/06/30 | \$1,740,418 | \$1,740,418 | \$1,741,772 | \$304,843 |
| 1,994 | T32DK007568 | 5T32DK007568-33   | DUKE UNIVERSITY                          | Duke Training Grant in Digestive Diseases and Nutrition   | MUIR, ANDREW J            | Awarded. Non-fellowships only | 1988/07/01 | 2027/06/30 | \$876,717   | \$876,717   | \$833,132   | \$250,805 |
| 1,995 | T32AI007151 | 5T32AI007151-45   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Infectious Disease Pathogenesis Research Training Program   | JULIANO, JONATHAN J       | Awarded. Non-fellowships only | 1978/07/01 | 2026/05/31 | \$1,467,867 | \$1,467,867 | \$1,333,961 | \$287,822 |
| 1,996 | F30MD017527 | 5F30MD017527-03   | UNIVERSITY OF NEBRASKA MEDICAL CENTER    | SPARKLED: Social Programming Affects Risk in Kids of Latent Endothelial Disease   | DRAKOWSKI, REBECCA ANNE   | Awarded. Fellowships only     | 2022/06/19 | 2027/05/31 | \$124,070   | \$124,070   | \$93,339    | \$42,574  |
| 1,997 | T32HL069749 | 5T32HL069749-20   | DUKE UNIVERSITY                          | Postdoctoral Training in Cardiovascular Clinical Research   | MARK, DANIEL B            | Awarded. Non-fellowships only | 2003/07/01 | 2025/06/30 | \$2,437,306 | \$2,437,306 | \$2,462,122 | \$418,454 |
| 1,998 | F30NS120845 | 5F30NS120845-03   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES   | Multisensory integration at the cell, circuit, and behavioral levels: How audiovisual signals drive dynamic courtship behavior in Drosophila melanogaster | NORMAND, EDNA             | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$131,809   | \$131,809   | \$128,245   | \$53,974  |
| 1,999 | TL1TR001423 | 5TL1TR001423-09   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Northwestern University Clinical and Translational Science Institute (NUCATS)   | MCCOLLEY, SUSANNA A       | Awarded. Non-fellowships only | 2015/08/12 | 2025/06/30 | \$2,999,656 | \$2,999,656 | \$2,205,713 | \$530,676 |
| 2,000 | T32AI007386 | 5T32AI007386-30   | DANA-FARBER CANCER INST                  | Postdoctoral Training Program in AIDS-related Research  | CANTOR, HARVEY            | Awarded. Non-fellowships only | 1990/08/01 | 2025/05/31 | \$1,637,511 | \$1,637,511 | \$1,597,672 | \$289,624 |
| 2,001 | T32HL139426 | 2T32HL139426-06A1 | JOHNS HOPKINS UNIVERSITY                 | NHLBI Training Program in Pharmacoepidemiology  | ALEXANDER, G CALEB        | Awarded. Non-fellowships only | 2018/01/01 | 2029/06/30 | \$317,361   | \$317,361   | \$233,207   | \$317,361 |

|       |             |                   |   |  |                           |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,002 | T32AI179595 | 1T32AI179595-01   | METHODIST HOSPITAL RESEARCH INSTITUTE   | Antimicrobial Resistance Training Program in the Texas Medical Center (AMR-TPT)          | ARIAS, CESAR AUGUSTO      | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$683,915   | \$683,915   | \$126,206   | \$342,204   |
| 2,003 | F31AI172335 | 5F31AI172335-02   | EMORY UNIVERSITY                        | Regulation of the Pseudomonas aeruginosa protease PrpL by temperature and iron           | ROBINSON, RACHEL EVANS    | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$96,668    | \$96,668    | \$89,169    | \$48,974    |
| 2,004 | T34GM105549 | 5T34GM105549-10   | NORTHEASTERN ILLINOIS UNIVERSITY        | NU-STARs for Northeastern Illinois Student Training in Academic Research in the Sciences | CHURCH, RUTH B            | Awarded. Non-fellowships only | 2014/06/01 | 2025/05/31 | \$1,367,666 | \$1,367,666 | \$1,161,903 | \$264,233   |
| 2,005 | T32GM066698 | 5T32GM066698-20   | UNIVERSITY OF CALIFORNIA BERKELEY       | University of California Berkeley Chemistry-Biology Interface Training Program           | CHANG, CHRISTOPHER J      | Awarded. Non-fellowships only | 2004/07/01 | 2025/06/30 | \$2,446,253 | \$2,446,253 | \$2,444,936 | \$479,593   |
| 2,006 | T32GM152284 | 1T32GM152284-01   | VANDERBILT UNIVERSITY                   | Medical Scientist Training Program   | WILLIAMS, CHRISTOPHER S   | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,618,270 | \$1,618,270 | \$16,464    | \$1,618,270 |
| 2,007 | TL1TR001428 | 5TL1TR001428-09   | UNIVERSITY OF FLORIDA                   | J. NRSA Training Core  | MCCORMACK, WAYNE T        | Awarded. Non-fellowships only | 2015/08/15 | 2025/06/30 | \$1,991,065 | \$1,991,065 | \$1,992,499 | \$388,308   |
| 2,008 | TL1TR001410 | 5TL1TR001410-09   | BOSTON UNIVERSITY MEDICAL CAMPUS        | NRSA Training Core   | KOTTON, DARRELL N         | Awarded. Non-fellowships only | 2015/08/13 | 2026/03/31 | \$2,178,081 | \$2,178,081 | \$1,967,636 | \$506,592   |
| 2,009 | T32AI055435 | 5T32AI055435-20   | UNIVERSITY OF PENNSYLVANIA              | Infectious Diseases Clinical Epidemiology Training Program                               | LAUTENBACH, EBBING        | Awarded. Non-fellowships only | 2003/08/01 | 2025/07/31 | \$1,906,532 | \$1,906,532 | \$1,824,448 | \$401,099   |
| 2,010 | T32GM066706 | 5T32GM066706-20   | UNIVERSITY OF MARYLAND BALTIMORE COUNTY | Graduate Training at The Chemistry Biology Interface                                     | SMITH, AARON T            | Awarded. Non-fellowships only | 2004/07/01 | 2025/06/30 | \$1,175,379 | \$1,175,379 | \$1,148,699 | \$155,895   |
| 2,011 | T32EB016652 | 5T32EB016652-10   | BRIGHAM AND WOMEN'S HOSPITAL            | Organ Design and Engineering Training Program (ODET Program)                             | BONVENTRE, JOSEPH VINCENT | Awarded. Non-fellowships only | 2014/07/01 | 2025/06/30 | \$1,778,403 | \$1,778,403 | \$1,748,493 | \$410,762   |
| 2,012 | T32GM008450 | 2T32GM008450-31   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Trauma Research Fellowship   | CAIRNS, BRUCE A           | Awarded. Non-fellowships only | 1992/07/01 | 2029/06/30 | \$202,203   | \$202,203   | \$57,337    | \$202,203   |
| 2,013 | T32GM127216 | 5T32GM127216-05   | UT SOUTHWESTERN MEDICAL CENTER          | Chemistry-Biology Interface T32  | PHILLIPS, MARGARET A      | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$753,641   | \$753,641   | \$710,278   | \$154,881   |
| 2,014 | T32EB027632 | 5T32EB027632-05   | TULANE UNIVERSITY OF LOUISIANA          | Interdisciplinary Predoctoral Training in Bioinnovation                                  | GAVER, DONALD P           | Awarded. Non-fellowships only | 2019/05/01 | 2025/12/31 | \$812,785   | \$812,785   | \$675,343   | \$109,239   |
| 2,015 | T32DA039080 | 5T32DA039080-07   | WEILL MEDICAL COLL OF CORNELL UNIV      | Genetic and Environmental Influences on Addiction  | MILNER, TERESA A          | Awarded. Non-fellowships only | 2017/07/01 | 2028/06/30 | \$328,505   | \$328,505   | \$255,107   | \$167,076   |
| 2,016 | F31AT012713 | 1F31AT012713-01   | UNIVERSITY OF ILLINOIS AT CHICAGO       | Aristotelia Alkaloids as Probes for the Nicotinic Acetylcholine Receptors                | RUSALI, LISA ELIANA       | Awarded. Fellowships only     | 2024/05/16 | 2026/05/15 | \$97,948    | \$97,948    | \$48,656    | \$48,974    |
| 2,017 | TL4GM118980 | 5TL4GM118980-10   | CALIFORNIA STATE UNIVERSITY LONG BEACH  | Building Infrastructure Leading to Diversity (BUILD) Initiative Phase II                 | DILLON, JESSE             | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$3,669,850 | \$3,669,850 | \$3,062,380 | \$315,426   |
| 2,018 | T32GM145767 | 1T32GM145767-01A1 | UNIVERSITY OF ILLINOIS AT CHICAGO       | Medical Scientist Training Program   | DARBAR, DAWOOD            | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$599,359   | \$599,359   | \$483,195   | \$599,359   |
| 2,019 | T32HL007731 | 2T32HL007731-31A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Molecular and Cellular Basis of Cardiovascular Disease                                   | BLACK, BRIAN L            | Awarded. Non-fellowships only | 1992/07/01 | 2029/05/31 | \$730,211   | \$730,211   | \$453,079   | \$730,211   |
| 2,020 | T32CA279363 | 1T32CA279363-01A1 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Epigenetics, DNA repair and Genomics (EDGE) Training Program in Cancer                   | MALKOVA, ANNA L           | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$179,264   | \$179,264   | \$83,813    | \$179,264   |
| 2,021 | F31HL172522 | 1F31HL172522-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Discerning the mechanisms of CYB5R1 regulation of ferroptosis in endothelial cells       | HALL, ROBERT              | Awarded. Fellowships only     | 2024/07/01 | 2025/06/30 | \$48,974    | \$48,974    | \$33,017    | \$48,974    |
| 2,022 | F30CA281040 | 1F30CA281040-01A1 | UNIVERSITY OF PENNSYLVANIA              | Deciphering and modulating CAR T cell persistence with controllable epigenome editors    | ERLITZKI, NOA             | Awarded. Fellowships only     | 2024/07/01 | 2026/01/31 | \$53,974    | \$53,974    | \$33,072    | \$53,974    |
| 2,023 | T35OD010956 | 5T35OD010956-25   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Students Training in Advanced Research   | BANNASCH, DANIKA L        | Awarded. Non-fellowships only | 2000/02/01 | 2026/03/31 | \$602,333   | \$602,333   | \$596,024   | \$123,224   |
| 2,024 | T32HL144459 | 5T32HL144459-05   | UNIVERSITY OF ILLINOIS AT CHICAGO       | Vascular Biology, Signaling and Therapeutics training program                            | KITAJEWSKI, JAN K         | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,567,423 | \$1,567,423 | \$1,495,215 | \$375,771   |
| 2,025 | F30CA254120 | 3F30CA254120-04S1 | WEILL MEDICAL COLL OF CORNELL UNIV      | Investigation of heterogeneity in cancer cell proliferation - COVID extension request    | TORBORG, STEFAN ROSS      | Awarded. Fellowships only     | 2020/07/01 | 2025/06/30 | \$234,642   | \$234,642   | \$225,213   | \$32,974    |
| 2,026 | F30DK136229 | 5F30DK136229-02   | DUKE UNIVERSITY                         | Rapid sugar sensing from gut to brain  | ALWAY, EMILY JEAN         | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$93,768    | \$93,768    | \$84,104    | \$41,074    |

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|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|--------------|-------------|
| 2,027 | T32CA240172 | 5T32CA240172-05   | CEDARS-SINAI MEDICAL CENTER             | A multidisciplinary training program in prostate cancer  | BHOWMICK, NEIL A        | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$987,574   | \$987,574   | \$881,081    | \$319,057   |
| 2,028 | T32HL115505 | 2T32HL115505-11   | UNIVERSITY OF HAWAII AT MANOA           | Training in Cardiovascular Research at the University of Hawaii  | TALLQUIST, MICHELLE D   | Awarded. Non-fellowships only | 2012/09/01 | 2029/07/31 | \$385,609   | \$385,609   | \$83,245     | \$385,609   |
| 2,029 | T32DK083250 | 5T32DK083250-15   | UNIVERSITY OF MINNESOTA                 | Minnesota Obesity Prevention Training (MnOPT)  | KOTZ, CATHERINE M       | Awarded. Non-fellowships only | 2010/04/01 | 2026/04/30 | \$1,992,755 | \$1,992,755 | \$1,901,739  | \$427,863   |
| 2,030 | T32DC020141 | 5T32DC020141-02   | VANDERBILT UNIVERSITY                   | Translational Interdisciplinary Research Training in Communication Sciences and Disorders  | DUFF, MELISSA C         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$437,238   | \$437,238   | \$311,232    | \$222,864   |
| 2,031 | TL4GM118983 | 5TL4GM118983-10   | UNIVERSITY OF DETROIT MERCY             | Research Enhancement for BUILDing Detroit (ReBUILDetroit)  | SNYDER, KATHERINE E     | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$8,933,100 | \$8,933,100 | \$10,165,705 | \$1,448,916 |
| 2,032 | T32DC016853 | 5T32DC016853-07   | PURDUE UNIVERSITY                       | Interdisciplinary Training in Auditory Neuroscience  | HEINZ, MICHAEL G        | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$312,305   | \$312,305   | \$226,742    | \$158,976   |
| 2,033 | T32DE023526 | 5T32DE023526-10   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Advanced Training in Oral Biology  | RUHL, STEFAN HANS-KLAUS | Awarded. Non-fellowships only | 2013/07/01 | 2025/06/30 | \$2,097,313 | \$2,097,313 | \$2,096,231  | \$50,324    |
| 2,034 | T32GM139790 | 5T32GM139790-04   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Graduate Training Program in Bioinformatics  | SUBRAMANIAM, SHANKAR    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,413,681  | \$439,487   |
| 2,035 | T32AI070114 | 5T32AI070114-18   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Training in Infectious Disease Epidemiology (TIDE)   | PENCE, BRIAN W          | Awarded. Non-fellowships only | 2007/08/01 | 2027/06/30 | \$1,337,626 | \$1,337,626 | \$804,301    | \$291,786   |
| 2,036 | T32GM133366 | 5T32GM133366-05   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | NC STATE MOLECULAR BIOTECHNOLOGY TRAINING PROGRAM (MBTP)   | HAUGH, JASON M          | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,467,655 | \$2,467,655 | \$1,938,595  | \$511,699   |
| 2,037 | T32EY015387 | 5T32EY015387-22   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Vision Science Training Program: Cornea to Cortex  | BURNS, MARIE E          | Awarded. Non-fellowships only | 2003/09/30 | 2028/08/31 | \$396,663   | \$396,663   | \$301,070    | \$196,196   |
| 2,038 | T32NR020776 | 5T32NR020776-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Next Generation Nurse Scientists Ending the HIV Epidemic   | DAWSON-ROSE, CAROL      | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$766,435   | \$766,435   | \$428,952    | \$392,607   |
| 2,039 | T32DE007057 | 5T32DE007057-48   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Tissue Engineering and Regeneration  | KOHN, DAVID H           | Awarded. Non-fellowships only | 1976/07/01 | 2027/06/30 | \$1,836,912 | \$1,836,912 | \$1,577,100  | \$631,496   |
| 2,040 | F30HD108866 | 5F30HD108866-02   | DUKE UNIVERSITY                         | The Causal Impact of Poverty Reduction on Housing Conditions of Low-Income, U.S. Children and the Role of Housing and Neighborhood Ecosystems on Young Childrens Healthy Development | STILWELL, LAURA ROSE    | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$94,463    | \$94,463    | \$78,043     | \$53,974    |
| 2,041 | T32AI055434 | 5T32AI055434-19   | UNIVERSITY OF UTAH                      | Training Program in Microbial Pathogenesis   | MULVEY, MATTHEW A       | Awarded. Non-fellowships only | 2004/09/01 | 2026/07/31 | \$1,394,992 | \$1,394,992 | \$1,160,316  | \$345,063   |
| 2,042 | T32GM140935 | 5T32GM140935-04   | UNIVERSITY OF WISCONSIN-MADISON         | Integrated Training For Physician-Scientists   | HUTTENLOCHER, ANNA      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$4,282,755 | \$4,282,755 | \$4,201,604  | \$1,078,847 |
| 2,043 | F32GM144988 | 5F32GM144988-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Allosteric regulation of human cystathionine beta-synthase   | ROMAN, JOSEPH V         | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$213,430   | \$213,430   | \$193,886    | \$76,756    |
| 2,044 | T32AR059039 | 5T32AR059039-14   | VANDERBILT UNIVERSITY                   | Interdisciplinary Training in Rheumatic Diseases   | CROFFORD, LESLIE J      | Awarded. Non-fellowships only | 2010/05/01 | 2026/05/31 | \$1,174,849 | \$1,174,849 | \$931,639    | \$348,873   |
| 2,045 | F31HD104495 | 5F31HD104495-04   | UNIVERSITY OF KANSAS MEDICAL CENTER     | Establishment of the Uterine-Placental Interface   | SCOTT, REGAN LEIGH      | Awarded. Fellowships only     | 2021/07/09 | 2026/06/30 | \$143,589   | \$143,589   | \$133,104    | \$37,710    |
| 2,046 | F31CA254259 | 5F31CA254259-04   | CASE WESTERN RESERVE UNIVERSITY         | Role of IRF2BP2 in Tumor Immune Evasion  | ABIFF, MUTA             | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$209,456   | \$209,456   | \$203,308    | \$53,974    |
| 2,047 | T32GM139782 | 5T32GM139782-04   | UNIVERSITY OF CHICAGO                   | Genetic Mechanisms and Evolution   | THORNTON, JOSEPH W      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,340,616 | \$3,340,616 | \$2,757,663  | \$878,975   |
| 2,048 | F31CA271721 | 5F31CA271721-03   | WASHINGTON UNIVERSITY                   | Understanding how senescent stromal cells contribute to mammary gland tumorigenesis  | YE, JIAYU               | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$101,282   | \$101,282   | \$92,315     | \$34,928    |
| 2,049 | F31AA030219 | 5F31AA030219-03   | BROWN UNIVERSITY                        | Alcohol-Induced Alternative Splicing in Drosophila Memory Circuits   | BROWN, TARIQ            | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$143,420   | \$143,420   | \$128,402    | \$48,974    |
| 2,050 | T32NS131126 | 1T32NS131126-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | ENLIGHTEN (ENgaging Leaders In Global and local HealTh Equity in Neurology)  | OVBIAGELE, BRUCE        | Awarded. Non-fellowships only | 2024/08/15 | 2029/06/30 | \$232,336   | \$232,336   | \$0          | \$232,336   |

|       |             |                 |   |   |                           |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|---|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,051 | T32GM144272 | 5T32GM144272-03 | JOHNS HOPKINS UNIVERSITY                | Biochemistry, Cellular and Molecular Biology Program  | INOUE, TAKANARI           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$3,260,186 | \$3,260,186 | \$2,912,427 | \$1,098,718 |
| 2,052 | F30DK126307 | 5F30DK126307-04 | UNIV OF NORTH CAROLINA CHAPEL HILL      | A Novel Planar Crypt Microarray for Real-Time Evaluation of Human Intestinal Stem Cell Fate   | OK, MERYEM TYRRASCH       | Awarded. Fellowships only     | 2020/07/01 | 2025/06/30 | \$180,380   | \$180,380   | \$176,761   | \$53,974    |
| 2,053 | T32DC000023 | 5T32DC000023-39 | JOHNS HOPKINS UNIVERSITY                | Training Program in Hearing and Balance   | CULLEN, KATHLEEN E        | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$1,887,596 | \$1,887,596 | \$1,551,831 | \$507,145   |
| 2,054 | T32HL155011 | 5T32HL155011-04 | AUGUSTA UNIVERSITY                      | Multi-Disciplinary Training Program in the Mechanisms of Cardiometabolic Disease  | STEPP, DAVID W            | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$964,478   | \$964,478   | \$585,722   | \$238,307   |
| 2,055 | T32DK065519 | 5T32DK065519-20 | UNIVERSITY OF MINNESOTA                 | Pre-faculty Research Training in Pediatric Endocrinology  | BELLIN, MELENA D          | Awarded. Non-fellowships only | 2004/07/01 | 2025/06/30 | \$757,199   | \$757,199   | \$691,174   | \$194,729   |
| 2,056 | T32GM136628 | 5T32GM136628-05 | COLORADO STATE UNIVERSITY               | Dual-Degree Medical Scientist Training Program for Veterinarians  | REGAN, DANIEL PATRICK     | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,334,382 | \$1,334,382 | \$1,226,583 | \$330,042   |
| 2,057 | T32GM135128 | 5T32GM135128-05 | UNIV OF NORTH CAROLINA CHAPEL HILL      | NRSA in Genetics  | SEKELSKY, JEFF J          | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,597,916 | \$3,597,916 | \$3,250,079 | \$769,103   |
| 2,058 | T32MH078788 | 5T32MH078788-17 | RHODE ISLAND HOSPITAL                   | Child/Adolescent/Young Adult HIV Research Training  | BROWN, LARRY K            | Awarded. Non-fellowships only | 2007/07/01 | 2028/06/30 | \$908,247   | \$908,247   | \$593,569   | \$464,252   |
| 2,059 | T32GM133364 | 5T32GM133364-05 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Training Program in Cellular Systems and Integrative Physiology   | CARON, KATHLEEN M         | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,017,637 | \$1,017,637 | \$812,478   | \$217,676   |
| 2,060 | T32MH126388 | 5T32MH126388-04 | BROWN UNIVERSITY                        | Brown Postdoctoral Training Program in Computational Psychiatry   | FRANK, MICHAEL J          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,398,015 | \$1,398,015 | \$1,065,656 | \$378,092   |
| 2,061 | TL1TR001454 | 5TL1TR001454-09 | UNIV OF MASSACHUSETTS MED SCH WORCESTER | J: NRSA Training Core   | LEWIS, BRIAN C            | Awarded. Non-fellowships only | 2015/08/14 | 2026/05/31 | \$1,919,399 | \$1,919,399 | \$1,286,911 | \$398,992   |
| 2,062 | T32AI162624 | 5T32AI162624-03 | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Predoctoral Training in Translational Immunology  | MALEK, THOMAS R           | Awarded. Non-fellowships only | 2022/08/15 | 2027/07/31 | \$508,185   | \$508,185   | \$375,878   | \$241,172   |
| 2,063 | TL1DK132771 | 5TL1DK132771-04 | UNIVERSITY OF VIRGINIA                  | IGNITE KUH NRSA Training Core   | PORTILLA, DIDIER          | Awarded. Non-fellowships only | 2021/09/15 | 2026/05/31 | \$1,530,712 | \$1,530,712 | \$998,223   | \$354,046   |
| 2,064 | T32HL007055 | 5T32HL007055-48 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Cardiovascular Epidemiology Training Grant  | ROSAMOND, WAYNE D         | Awarded. Non-fellowships only | 1975/07/01 | 2027/05/31 | \$1,540,656 | \$1,540,656 | \$938,570   | \$522,782   |
| 2,065 | F30ES033086 | 5F30ES033086-04 | UNIVERSITY OF CINCINNATI                | Assessing early-life exposure to replacement flame retardant chemicals and associations with thyroid disruption and altered neurobehavioral function in a longitudinal birth cohort | PERCY, ZANA               | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$194,280   | \$194,280   | \$171,388   | \$53,974    |
| 2,066 | T32AR065969 | 5T32AR065969-10 | UT SOUTHWESTERN MEDICAL CENTER          | Dermatology Research Training Program   | WANG, RICHARD C           | Awarded. Non-fellowships only | 2014/07/01 | 2026/05/31 | \$761,538   | \$761,538   | \$813,144   | \$83,803    |
| 2,067 | T32MH087004 | 5T32MH087004-15 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Training Program in Neuroscience  | HUNTLEY, GEORGE W         | Awarded. Non-fellowships only | 2009/07/01 | 2025/06/30 | \$1,540,346 | \$1,540,346 | \$1,510,198 | \$316,333   |
| 2,068 | T32ES015457 | 5T32ES015457-14 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Training in Molecular Toxicology  | HANKINSON, OLIVER NMN     | Awarded. Non-fellowships only | 2008/07/01 | 2026/06/30 | \$1,247,908 | \$1,247,908 | \$1,048,847 | \$295,463   |
| 2,069 | T32GM149200 | 5T32GM149200-02 | UNIVERSITY OF CINCINNATI                | Medical Scientist Training Program  | KHURANA HERSHEY, GURJIT K | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,887,831 | \$1,887,831 | \$1,432,912 | \$958,975   |
| 2,070 | F30AA030472 | 5F30AA030472-03 | LSU HEALTH SCIENCES CENTER              | Larp6 and Alcoholic Cardiomyopathy  | EDAVETAL, JOSHUA          | Awarded. Fellowships only     | 2022/07/01 | 2027/06/30 | \$158,421   | \$158,421   | \$102,181   | \$53,974    |
| 2,071 | T32ES007028 | 2T32ES007028-50 | VANDERBILT UNIVERSITY                   | Training Program in Environmental Toxicology  | HARRISON, FIONA EDITH     | Awarded. Non-fellowships only | 1975/07/10 | 2029/06/30 | \$201,929   | \$201,929   | \$0         | \$201,929   |
| 2,072 | T32GM148382 | 5T32GM148382-02 | INDIANA UNIVERSITY INDIANAPOLIS         | Indiana Medical Scientist/Engineer Training Program   | GASTON, BENJAMIN          | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,887,831 | \$1,887,831 | \$1,684,352 | \$958,975   |
| 2,073 | F30CA281104 | 5F30CA281104-02 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Chromosomal instability as a driver of non-small cell lung cancer immune evasion and brain metastasis   | CAPRIO, LINDSAY ANNE      | Awarded. Fellowships only     | 2023/07/01 | 2028/06/30 | \$96,668    | \$96,668    | \$96,668    | \$48,974    |
| 2,074 | T32GM141887 | 5T32GM141887-04 | NORTH CAROLINA STATE UNIVERSITY RALEIGH | NC State Chemistry of Life Training Program (CLTP)  | PIERCE, JOSHUA G          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$946,418   | \$946,418   | \$627,634   | \$274,680   |

|       |             |                   |  |  |                          |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|--|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,075 | T32GM145445 | 5T32GM145445-02   | EMORY UNIVERSITY                         | Graduate Training in the Pharmacological Sciences  | HALL, RANDY A            | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$863,915   | \$863,915   | \$670,777   | \$439,487   |
| 2,076 | F30MH132311 | 5F30MH132311-02   | WEILL MEDICAL COLL OF CORNELL UNIV       | Noncanonical E2F Regulation in the Neuronal DNA Damage Response  | ROSENTHAL, DAVID LEON    | Awarded. Fellowships only     | 2023/05/15 | 2026/05/14 | \$106,508   | \$106,508   | \$80,838    | \$53,894    |
| 2,077 | T32NS105608 | 2T32NS105608-06   | DUKE UNIVERSITY                          | Neurobiology Training Program  | MOONEY, RICHARD D        | Awarded. Non-fellowships only | 2019/07/22 | 2029/06/30 | \$317,532   | \$317,532   | \$240,565   | \$317,532   |
| 2,078 | T32GM142604 | 5T32GM142604-04   | NORTHWESTERN UNIVERSITY                  | Physical Genomics and Engineering Training Program   | BACKMAN, VADIM           | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,468,709 | \$1,468,709 | \$1,189,264 | \$439,487   |
| 2,079 | T32DA035200 | 5T32DA035200-27   | UNIVERSITY OF KENTUCKY                   | Research Training in Drug Abuse Behavior   | STOOPS, WILLIAM WALTON   | Awarded. Non-fellowships only | 1998/08/01 | 2028/06/30 | \$555,722   | \$555,722   | \$469,642   | \$201,327   |
| 2,080 | T32HL098069 | 5T32HL098069-14   | YALE UNIVERSITY                          | Training in Multi-Modality Molecular and Transitional Cardiovascular Imaging   | SINUSAS, ALBERT J        | Awarded. Non-fellowships only | 2010/09/21 | 2026/06/30 | \$1,907,643 | \$1,907,643 | \$1,632,504 | \$436,400   |
| 2,081 | T32NR008857 | 5T32NR008857-18   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Technology Research in Chronic & Critical Illness  | LEE, YOUNG JI            | Awarded. Non-fellowships only | 2005/07/01 | 2027/06/30 | \$778,784   | \$778,784   | \$639,755   | \$210,922   |
| 2,082 | T32CA288316 | 1T32CA288316-01   | DUKE UNIVERSITY                          | Duke Research Training Program in Surgical Oncology  | HARPOLE, DAVID H         | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$181,243   | \$181,243   | \$97,324    | \$181,243   |
| 2,083 | T32AR065971 | 2T32AR065971-10   | INDIANA UNIVERSITY INDIANAPOLIS          | Comprehensive Musculoskeletal Training Program   | ROBLING, ALEXANDER G     | Awarded. Non-fellowships only | 2015/07/01 | 2029/06/30 | \$315,531   | \$315,531   | \$283,163   | \$315,531   |
| 2,084 | T32ES007046 | 5T32ES007046-44   | NORTH CAROLINA STATE UNIVERSITY RALEIGH  | Molecular Pathways to Pathogenesis in Toxicology   | KULLMAN, SETH WILLIAM    | Awarded. Non-fellowships only | 1977/07/01 | 2026/06/30 | \$782,699   | \$782,699   | \$907,563   | \$250,398   |
| 2,085 | F30CA275379 | 5F30CA275379-03   | WEILL MEDICAL COLL OF CORNELL UNIV       | Single-molecule dissection of a tumor- and virus-suppressing Smc complex involved in genome maintenance                          | CHANG, JEREMY TZU-HUAI   | Awarded. Fellowships only     | 2022/07/11 | 2026/07/10 | \$158,420   | \$158,420   | \$140,309   | \$53,974    |
| 2,086 | T34GM149430 | 5T34GM149430-02   | SAN DIEGO STATE UNIVERSITY               | MARC at San Diego State University   | SOHL, CHRISTAL DYANE     | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$578,145   | \$578,145   | \$460,654   | \$513,907   |
| 2,087 | T32GM149364 | 5T32GM149364-02   | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Medical Scientist Training Program   | AKABAS, MYLES H          | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$3,775,662 | \$3,775,662 | \$3,257,820 | \$1,917,949 |
| 2,088 | T32MH018951 | 2T32MH018951-34   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Child & Adolescent Mental Health Research  | GOLDSTEIN, TINA R        | Awarded. Non-fellowships only | 1990/08/01 | 2029/06/30 | \$367,681   | \$367,681   | \$355,861   | \$367,681   |
| 2,089 | T32DK007058 | 2T32DK007058-50   | YALE UNIVERSITY                          | Diabetes Mellitus and Disorders of Metabolism  | WYSOLMERSKI, JOHN J      | Awarded. Non-fellowships only | 1975/07/01 | 2029/06/30 | \$200,664   | \$200,664   | \$179,635   | \$200,664   |
| 2,090 | T32AG081327 | 5T32AG081327-02   | MASSACHUSETTS GENERAL HOSPITAL           | Bridging the Science-to-Service Gap in Aging Care: Prevention, Optimization and Living Well with Persistent or Serious Illnesses | RITCHIE, CHRISTINE S     | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$539,944   | \$539,944   | \$315,527   | \$365,961   |
| 2,091 | T32DA060139 | 1T32DA060139-01   | WAYNE STATE UNIVERSITY                   | TRAIN@wayne: Translational Research in Addiction and Integrative Neuroscience  | GREENWALD, MARK K        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$238,968   | \$238,968   | \$72,196    | \$238,968   |
| 2,092 | T32GM149433 | 1T32GM149433-01A1 | BROWN UNIVERSITY                         | Predoctoral Training Program in Biological Data Science at Brown University  | RAMACHANDRAN, SOHINI     | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$329,616   | \$329,616   | \$198,441   | \$329,616   |
| 2,093 | T32ES007141 | 2T32ES007141-41   | JOHNS HOPKINS UNIVERSITY                 | Training Program in Environmental Health Sciences  | WILLS-KARP, MARSHA       | Awarded. Non-fellowships only | 1983/07/01 | 2029/06/30 | \$558,141   | \$558,141   | \$558,141   | \$558,141   |
| 2,094 | T35AG026736 | 5T35AG026736-20   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | UCLA Medical Student Training in Aging Research (MSTAR) Program  | LEE, CATHY               | Awarded. Non-fellowships only | 2005/06/01 | 2026/05/31 | \$673,067   | \$673,067   | \$654,960   | \$24,456    |
| 2,095 | F31DC020352 | 5F31DC020352-03   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Predictors of Speech Motor Sequence Learning in Neurological Disorders   | MILLER, HILARY ELIZABETH | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$138,140   | \$138,140   | \$113,891   | \$47,214    |
| 2,096 | T32DK064584 | 2T32DK064584-21   | LSU PENNINGTON BIOMEDICAL RESEARCH CTR   | Training in Obesity Research   | REDMAN, LEANNE MAREE     | Awarded. Non-fellowships only | 2003/07/01 | 2029/05/31 | \$202,945   | \$202,945   | \$241,054   | \$202,945   |
| 2,097 | T32HD060600 | 5T32HD060600-15   | WEILL MEDICAL COLL OF CORNELL UNIV       | Training Program in Developmental and Stem Cell Biology  | STUHLMANN, HEIDI         | Awarded. Non-fellowships only | 2010/09/18 | 2026/04/30 | \$1,246,529 | \$1,246,529 | \$1,147,855 | \$256,106   |

|       |             |                   |  |   |                             |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,098 | T32MH019733 | 2T32MH019733-29A1 | HARVARD MEDICAL SCHOOL                   | Health Policy Training Program: Promoting Outcomes, Quality, Equity and Diffusion of Advances                                       | HUSKAMP, HAIDEN A           | Awarded. Non-fellowships only | 1993/09/01 | 2029/06/30 | \$395,710   | \$395,710   | \$188,513   | \$395,710 |
| 2,099 | T32MH129274 | 5T32MH129274-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Predoctoral Training in Multifaceted Translational Approach to Mental Illness   | LAHTI, ADRIENNE C           | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$271,377   | \$271,377   | \$125,300   | \$187,388 |
| 2,100 | T32AI007044 | 5T32AI007044-49   | UNIVERSITY OF WASHINGTON                 | Host Defense Training in Allergy and Infectious Diseases  | FREDRICKS, DAVID NEAL       | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$3,659,772 | \$3,659,772 | \$2,012,599 | \$685,080 |
| 2,101 | F31GM146347 | 5F31GM146347-03   | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Epigenetic and transcriptional consequences of Intellectual Disability-associated mutations in the histone lysine demethylase KDM5. | YHESKEL, MATANEL            | Awarded. Fellowships only     | 2022/05/16 | 2026/05/15 | \$142,704   | \$142,704   | \$136,867   | \$48,974  |
| 2,102 | T32MH020021 | 2T32MH020021-26   | UNIVERSITY OF WASHINGTON                 | Integrated Mental Health Fellowship   | FORTNEY, JOHN C             | Awarded. Non-fellowships only | 1998/08/01 | 2029/06/30 | \$246,121   | \$246,121   | \$247,679   | \$246,121 |
| 2,103 | T32MH018269 | 2T32MH018269-39   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Clinical Research Training for Psychologists  | LEVINE, MICHELE D           | Awarded. Non-fellowships only | 1986/08/01 | 2029/06/30 | \$382,026   | \$382,026   | \$270,392   | \$382,026 |
| 2,104 | T32NS041231 | 2T32NS041231-21A1 | GEORGETOWN UNIVERSITY                    | Predoctoral Training in Integrative Neuroscience  | MALKOVA, LUDISE             | Awarded. Non-fellowships only | 2001/07/15 | 2029/06/30 | \$296,510   | \$296,510   | \$131,560   | \$296,510 |
| 2,105 | T32MH125815 | 5T32MH125815-03   | HARVARD SCHOOL OF PUBLIC HEALTH          | Training Program in Comparative Effectiveness Research for Suicide Prevention   | HERNAN, MIGUEL              | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$938,940   | \$938,940   | \$403,560   | \$302,903 |
| 2,106 | F30DE031158 | 5F30DE031158-04   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Local Sustained Delivery of Osteoprotegerin via Hydroxyapatite Microparticles to Enhance Post-Orthodontic Tooth Stability           | CUYLEAR, DARNELL            | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$196,956   | \$196,956   | \$189,257   | \$54,774  |
| 2,107 | T32DA060142 | 1T32DA060142-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Postdoctoral Training in the Biology of Drug Abuse  | TRAYNOR, JOHN R             | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$505,633   | \$505,633   | \$296,743   | \$505,633 |
| 2,108 | F31DA059211 | 5F31DA059211-02   | UNIVERSITY OF PENNSYLVANIA               | Investigation of acute and long-term neuroimmune changes induced by early-life opioid exposure and withdrawal                       | FERRANTE, JULIA RENEE       | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$96,668    | \$96,668    | \$91,312    | \$48,974  |
| 2,109 | T32MH122376 | 5T32MH122376-05   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Advanced data analytics training for behavioral and social sciences research  | HEKLER, ERIC                | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,257,544 | \$1,257,544 | \$1,044,746 | \$199,826 |
| 2,110 | T32GM146614 | 5T32GM146614-02   | UNIVERSITY OF CALIFORNIA BERKELEY        | Biophysics Training Program   | HURLEY, JAMES H             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,243,481 | \$1,243,481 | \$1,023,589 | \$633,035 |
| 2,111 | F30AA030941 | 5F30AA030941-02   | LSU HEALTH SCIENCES CENTER               | Interactions of Alcohol and Pain in the Context of HIV  | FITZPATRICK-SCHMIDT, TAYLOR | Awarded. Fellowships only     | 2023/07/01 | 2028/05/31 | \$95,102    | \$95,102    | \$72,136    | \$48,191  |
| 2,112 | T32DC000044 | 5T32DC000044-30   | FLORIDA STATE UNIVERSITY                 | Chemosensory Training Program   | FADOOL, DEBRA ANN           | Awarded. Non-fellowships only | 1995/07/01 | 2025/06/30 | \$1,269,444 | \$1,269,444 | \$1,217,778 | \$213,801 |
| 2,113 | F30AR081102 | 5F30AR081102-02   | VIRGINIA COMMONWEALTH UNIVERSITY         | Extracellular Matrix Vesicles and Intercellular Communication of Osteoblast-lineage Cells   | SKELTON, ANNE MICHELLE      | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$88,588    | \$88,588    | \$78,955    | \$44,294  |
| 2,114 | F31HL163921 | 5F31HL163921-03   | UNIVERSITY OF WASHINGTON                 | An Investigation of Focal Adhesion Tension During Cardiomyocyte Contraction   | NAGLE, ABIGAIL              | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$124,220   | \$124,220   | \$113,180   | \$42,574  |
| 2,115 | F31NS134309 | 5F31NS134309-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Mechanisms of Neural Synchrony in the Medial Entorhinal Cortex  | WILLIAMS, BRANDON DAVID     | Awarded. Fellowships only     | 2023/07/01 | 2025/09/30 | \$80,838    | \$80,838    | \$63,201    | \$41,059  |
| 2,116 | T32AI007313 | 5T32AI007313-35   | UNIVERSITY OF MINNESOTA                  | Immunology Training Program   | HOGQUIST, KRISTIN A         | Awarded. Non-fellowships only | 1989/09/30 | 2028/07/31 | \$600,866   | \$600,866   | \$394,833   | \$301,611 |
| 2,117 | T32AI007501 | 5T32AI007501-32   | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Training in HIV/AIDS Pathogenesis; Basic and Translational Research   | PRASAD, VINAYAKA R          | Awarded. Non-fellowships only | 1995/06/01 | 2025/07/31 | \$1,619,649 | \$1,619,649 | \$1,445,966 | \$350,287 |
| 2,118 | T32AI007476 | 5T32AI007476-27   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Immunology and Molecular Pathogenesis Training Program  | THORP, EDWARD BENJAMIN      | Awarded. Non-fellowships only | 1996/09/01 | 2028/08/31 | \$716,312   | \$716,312   | \$490,087   | \$364,704 |
| 2,119 | T32NS121727 | 5T32NS121727-03   | UNIVERSITY OF CALIFORNIA-IRVINE          | Neuroimmunology Training Program at the University of California, Irvine  | LANE, THOMAS E              | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$506,762   | \$506,762   | \$418,614   | \$188,956 |



|       |             |                 |   |  |                              |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,120 | F32CA275350 | 5F32CA275350-03 | UNIVERSITY OF COLORADO DENVER           | Understanding the unique dependency for MCL1 in Ven/Aza resistant AML  | ALTHOFF, MARK JORDAN         | Awarded. Fellowships only     | 2022/07/13 | 2025/07/12 | \$223,180   | \$223,180   | \$205,474   | \$80,530  |
| 2,121 | T32NS070201 | 5T32NS070201-20 | JOHNS HOPKINS UNIVERSITY                | Interdisciplinary Training in Biobehavioral Pain Research  | SMITH, MICHAEL T             | Awarded. Non-fellowships only | 2005/09/30 | 2025/06/30 | \$1,647,328 | \$1,647,328 | \$1,443,793 | \$258,421 |
| 2,122 | T32AI165391 | 5T32AI165391-03 | OHIO STATE UNIVERSITY                   | Interdisciplinary Program in Microbe-Host Biology  | WOZNIAK, DANIEL J            | Awarded. Non-fellowships only | 2022/08/10 | 2027/07/31 | \$904,570   | \$904,570   | \$491,246   | \$275,597 |
| 2,123 | T32DK007028 | 5T32DK007028-50 | MASSACHUSETTS GENERAL HOSPITAL          | Training Program in Endocrinology  | MILLER, KAREN K              | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$4,573,173 | \$4,573,173 | \$4,197,141 | \$921,056 |
| 2,124 | TL1TR002000 | 5TL1TR002000-09 | UNIVERSITY OF ROCHESTER                 | NRSA Training Core   | VAN WIJNGAARDEN, EDWIN       | Awarded. Non-fellowships only | 2016/08/15 | 2026/06/30 | \$2,043,599 | \$2,043,599 | \$1,792,869 | \$364,537 |
| 2,125 | F31HL165968 | 5F31HL165968-03 | YALE UNIVERSITY                         | Structural Investigation of p120RasGAPs regulation by phosphorylated binding partners                              | VISH, KIMBERLY JEAN          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$100,600   | \$48,974  |
| 2,126 | T32CA106183 | 5T32CA106183-21 | VANDERBILT UNIVERSITY MEDICAL CENTER    | Surgical Oncology Training Grant   | GOLDENRING, JAMES RICHARD    | Awarded. Non-fellowships only | 2004/09/30 | 2025/06/30 | \$1,571,433 | \$1,571,433 | \$1,523,676 | \$359,995 |
| 2,127 | F32GM149112 | 5F32GM149112-02 | HARVARD MEDICAL SCHOOL                  | Linking a prominent gut microbiome-derived metabolite to host proteostasis   | MAIER, NOLAN KENJI KWAISUN   | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$151,756   | \$151,756   | \$120,596   | \$79,756  |
| 2,128 | T32NS115723 | 5T32NS115723-05 | UNIVERSITY OF UTAH                      | Training in the Development of Novel Interventions for the Treatment of Neurological and Neurobehavioral Disorders | KEEFE, KRISTEN A             | Awarded. Non-fellowships only | 2020/07/15 | 2025/12/31 | \$1,130,707 | \$1,130,707 | \$939,985   | \$182,999 |
| 2,129 | T32NS121768 | 5T32NS121768-04 | DREXEL UNIVERSITY                       | Training Program on Innovative Approaches to Spinal Cord Injury  | BAAS, PETER W                | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$848,693   | \$848,693   | \$774,183   | \$240,250 |
| 2,130 | F31MD017465 | 5F31MD017465-03 | BOSTON COLLEGE                          | The Role of Social Relationships in Behavioral Health Treatment-Seeking in Post-Maria Puerto Rican Migrants        | HODGES, JAMES                | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$95,420    | \$95,420    | \$81,915    | \$32,974  |
| 2,131 | T32HL007854 | 5T32HL007854-29 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Postdoctoral Training in Cardiovascular Disease  | MARX, STEVEN O               | Awarded. Non-fellowships only | 1996/07/01 | 2026/06/30 | \$3,422,484 | \$3,422,484 | \$2,729,788 | \$900,800 |
| 2,132 | T32HL007062 | 5T32HL007062-48 | UNIVERSITY OF MINNESOTA                 | Hematology Research Training Program   | VERCELLOTTI, GREGORY M       | Awarded. Non-fellowships only | 1982/07/01 | 2027/06/30 | \$1,620,236 | \$1,620,236 | \$1,193,007 | \$560,041 |
| 2,133 | T32NS115657 | 5T32NS115657-04 | UNIVERSITY OF VIRGINIA                  | Brain, Immunology and Glia Training Program  | HARRIS, TAJIE H              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$794,568   | \$794,568   | \$665,817   | \$208,724 |
| 2,134 | F31DA059186 | 5F31DA059186-02 | UNIVERSITY OF WASHINGTON                | Isolating the role of endogenous mu-opioid activity in the VTA during natural reward                               | ZAMORANO, CATALINA ALEJANDRA | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$95,568    | \$48,974  |
| 2,135 | F32AT012587 | 5F32AT012587-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Brain Mechanisms Supporting Mindfulness Meditation-Induced Pain and Stress Relief                                  | DEAN, JON GREGORY            | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$146,256   | \$146,256   | \$112,174   | \$76,756  |
| 2,136 | T32NS007222 | 5T32NS007222-42 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Training in Clinical and Basic Neuroscience  | PAULSON, HENRY L             | Awarded. Non-fellowships only | 1982/07/01 | 2028/06/30 | \$771,768   | \$771,768   | \$638,988   | \$476,529 |
| 2,137 | F30AI157535 | 5F30AI157535-04 | WEILL MEDICAL COLL OF CORNELL UNIV      | Elucidating how CRISPR-Cas Modulates the Spread of S. aureus Pathogenicity Islands                                 | BANH, DALTON VAN             | Awarded. Fellowships only     | 2021/08/06 | 2025/08/05 | \$209,456   | \$209,456   | \$199,929   | \$53,974  |
| 2,138 | T32NS061847 | 5T32NS061847-15 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Neurosciences Graduate Training Program  | BLOODGOOD, BRENDA L          | Awarded. Non-fellowships only | 2008/07/01 | 2025/06/30 | \$2,509,746 | \$2,509,746 | \$2,222,947 | \$483,504 |
| 2,139 | F31HD110259 | 5F31HD110259-02 | TRUSTEES OF INDIANA UNIVERSITY          | Patterns in Womens Unmet Sexual and Reproductive Healthcare Needs Over the Life Course                             | ANDERSON, ELIZABETH MARIE    | Awarded. Fellowships only     | 2023/06/05 | 2026/06/04 | \$96,668    | \$96,668    | \$88,077    | \$48,974  |
| 2,140 | F31HD107999 | 5F31HD107999-03 | NEW YORK UNIVERSITY                     | Adaptability in infant walking   | HOSPODAR, CHRISTINA M        | Awarded. Fellowships only     | 2022/07/15 | 2025/07/14 | \$98,050    | \$98,050    | \$66,051    | \$32,974  |
| 2,141 | F31MD018916 | 5F31MD018916-02 | DUKE UNIVERSITY                         | Gendered Racism Profiles, Resilience, and High-Risk Pregnancies Among Black Women                                  | JAYNES, SHEWIT               | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$94,797    | \$94,797    | \$82,900    | \$44,603  |
| 2,142 | T32AI007647 | 5T32AI007647-25 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Training Program in Mechanisms of Virus-Host Interactions  | TORTORELLA, DOMENICO         | Awarded. Non-fellowships only | 2000/08/01 | 2025/07/31 | \$2,166,418 | \$2,166,418 | \$1,933,412 | \$455,803 |

|       |             |                 |   |  |                             |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|---|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,143 | T32AI162579 | 5T32AI162579-03 | UNIVERSITY OF MARYLAND BALTIMORE        | Systems-Level Research in Microbial Pathogenesis                                     | DUNNING HOTOPP, JULIE       | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$1,101,852 | \$1,101,852 | \$750,415   | \$335,411   |
| 2,144 | T32DK077586 | 5T32DK077586-15 | UNIVERSITY OF WISCONSIN-MADISON         | Childhood Diabetes and Adiposity Research Training Program (C-DART)                  | LAI, HUICHUAN J             | Awarded. Non-fellowships only | 2008/07/01 | 2025/06/30 | \$785,386   | \$785,386   | \$734,103   | \$156,563   |
| 2,145 | T32HL007457 | 5T32HL007457-44 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Mechanisms of Hypertension and Cardiovascular Diseases                               | YOUNG, MARTIN E             | Awarded. Non-fellowships only | 1980/07/01 | 2026/06/30 | \$1,389,915 | \$1,389,915 | \$1,154,647 | \$367,128   |
| 2,146 | T32DA039772 | 5T32DA039772-09 | ARIZONA STATE UNIVERSITY-TEMPE CAMPUS   | Research training in drug abuse prevention: closing the research-practice gap        | GONZALES, NANCY A           | Awarded. Non-fellowships only | 2015/07/01 | 2026/06/30 | \$1,627,856 | \$1,627,856 | \$1,215,019 | \$435,673   |
| 2,147 | T32GM148739 | 5T32GM148739-02 | PRINCETON UNIVERSITY                    | Methods and Logic in Molecular Biology Training Program                              | DEVENPORT, DANELLE N        | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,823,746 | \$1,823,746 | \$1,371,054 | \$934,462   |
| 2,148 | T32HL007057 | 5T32HL007057-49 | DUKE UNIVERSITY                         | Hematology & Transfusion Medicine  | AREPALLY, GOWTHAMI M        | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$1,711,654 | \$1,711,654 | \$1,574,479 | \$503,190   |
| 2,149 | T32CA009357 | 5T32CA009357-42 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Oncology Research Training Grant   | LI, QING                    | Awarded. Non-fellowships only | 1980/07/01 | 2028/06/30 | \$761,757   | \$761,757   | \$740,699   | \$400,650   |
| 2,150 | T32AI089621 | 5T32AI089621-14 | UNIV OF MARYLAND, COLLEGE PARK          | Training in Host-Pathogen Interactions   | MCIVER, KEVIN S             | Awarded. Non-fellowships only | 2010/08/01 | 2026/07/31 | \$609,062   | \$609,062   | \$525,496   | \$147,676   |
| 2,151 | F30AG077832 | 5F30AG077832-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Designing novel therapeutics for Alzheimer's disease using structural studies of tau | PAN, HOPE                   | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$86,064    | \$86,064    | \$78,962    | \$43,830    |
| 2,152 | F30AI164803 | 5F30AI164803-03 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | The role of ion channels and transporters in B cell function                         | TAO, ANTHONY                | Awarded. Fellowships only     | 2022/07/17 | 2025/07/16 | \$158,420   | \$158,420   | \$105,352   | \$53,974    |
| 2,153 | T32AI157855 | 5T32AI157855-04 | EMORY UNIVERSITY                        | Emory Training Program in Translational Research to End the HIV Epidemic             | KELLEY, COLLEEN F           | Awarded. Non-fellowships only | 2021/08/25 | 2026/07/31 | \$1,925,123 | \$1,925,123 | \$1,287,408 | \$504,152   |
| 2,154 | TL1TR002016 | 5TL1TR002016-08 | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | J: Penn State NRSA Training Core   | THOMAS, GAIL D              | Awarded. Non-fellowships only | 2016/09/12 | 2026/06/30 | \$1,522,115 | \$1,522,115 | \$1,119,219 | \$258,733   |
| 2,155 | F31DK137586 | 5F31DK137586-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating how long-term signals modulate brainstem satiation circuits            | LY, TRUONG                  | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$88,504    | \$88,504    | \$73,850    | \$44,892    |
| 2,156 | T32AI055413 | 5T32AI055413-20 | BAYLOR COLLEGE OF MEDICINE              | Research Training in Infection and Immunity  | GIORDANO, THOMAS P          | Awarded. Non-fellowships only | 2003/08/01 | 2025/06/30 | \$1,046,766 | \$1,046,766 | \$1,077,795 | \$193,453   |
| 2,157 | T32GM149361 | 5T32GM149361-02 | UNIVERSITY OF COLORADO DENVER           | Medical Scientist Training Program   | WILSON, CARA C              | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$2,123,810 | \$2,123,810 | \$1,829,081 | \$1,078,847 |
| 2,158 | T32HG012344 | 5T32HG012344-03 | UNIVERSITY OF CALIFORNIA SANTA CRUZ     | UCSC Graduate Program in Genome Sciences   | VOLLMERS, CHRISTOPHER       | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$953,494   | \$953,494   | \$953,494   | \$327,396   |
| 2,159 | F31AI169971 | 5F31AI169971-03 | VANDERBILT UNIVERSITY                   | Strategies for Acinetobacter baumannii to Maintain Zinc Homeostasis                  | MILLER, JEANETTE MARIE      | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$99,122    | \$99,122    | \$89,491    | \$34,208    |
| 2,160 | T32DK062707 | 5T32DK062707-22 | JOHNS HOPKINS UNIVERSITY                | Clinical Research and Epidemiology in Diabetes and Endocrinology                     | BROWN, TODD T               | Awarded. Non-fellowships only | 2002/09/30 | 2028/06/30 | \$1,052,979 | \$1,052,979 | \$824,448   | \$543,767   |
| 2,161 | T32ES007126 | 5T32ES007126-42 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Pre- and Postdoctoral Training in Toxicology   | REBULI, MEGHAN ELIZABETH    | Awarded. Non-fellowships only | 1982/07/01 | 2028/06/30 | \$1,226,861 | \$1,226,861 | \$982,264   | \$593,944   |
| 2,162 | T32CA275777 | 5T32CA275777-02 | EMORY UNIVERSITY                        | T32 Training Program in Cancer Biology   | YU, DAVID SUNG-WEN          | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$521,507   | \$521,507   | \$354,984   | \$355,227   |
| 2,163 | T32MH019112 | 5T32MH019112-33 | UNIVERSITY OF PENNSYLVANIA              | Psychosis: A Convergent Neuroscience Perspective                                     | GUR, RAQUEL E               | Awarded. Non-fellowships only | 1993/07/01 | 2025/07/31 | \$1,860,485 | \$1,860,485 | \$1,708,141 | \$414,991   |
| 2,164 | T32MH018869 | 5T32MH018869-37 | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Basic & Translational Research Training in Traumatic Stress Across the Lifespan      | DANIELSON, CARLA KMETT      | Awarded. Non-fellowships only | 1988/01/01 | 2028/06/30 | \$771,740   | \$771,740   | \$622,763   | \$377,097   |
| 2,165 | T32GM142520 | 5T32GM142520-03 | GEORGETOWN UNIVERSITY                   | Pharmacological Sciences Training Program (PSTP)                                     | FORCELLI, PATRICK ALEXANDER | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$804,045   | \$804,045   | \$613,298   | \$329,616   |
| 2,166 | F31AI164874 | 5F31AI164874-03 | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | Viral and Host Determinants of Endosomal Trafficking during HBV Infection            | MCGINLEY, MEGAN             | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$111,881   | \$111,881   | \$70,578    | \$38,878    |



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|-------|-------------|-----------------|--|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,167 | T32DE017551 | 5T32DE017551-19 | MEDICAL UNIVERSITY OF SOUTH CAROLINA       | T-COHR: Training in Craniofacial and Oral Health Research                       | YAO, HAI                  | Awarded. Non-fellowships only | 2006/07/01 | 2026/06/30 | \$2,540,695 | \$2,540,695 | \$1,820,960 | \$671,834   |
| 2,168 | T32HL007208 | 5T32HL007208-47 | MASSACHUSETTS GENERAL HOSPITAL             | Integrated, Multidisciplinary Training in Cardiovascular Research               | SOSNOVIK, DAVID E         | Awarded. Non-fellowships only | 1993/07/01 | 2028/06/30 | \$1,344,600 | \$1,344,600 | \$1,292,235 | \$561,820   |
| 2,169 | T32HD101397 | 5T32HD101397-05 | UNIVERSITY OF WASHINGTON                   | Child Health Equity Research Program for Post-doctoral Trainees.                | COKER, TUMAINI RUCKER     | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,598,162 | \$1,598,162 | \$1,183,048 | \$346,687   |
| 2,170 | F31DC020634 | 5F31DC020634-03 | UNIVERSITY OF COLORADO DENVER              | Not so sweet: Investigating the role of c-Kit in sweet cell homeostasis         | PIAROWSKI, CHRISTINA M    | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$108,071   | \$108,071   | \$97,592    | \$37,191    |
| 2,171 | T32AA007477 | 5T32AA007477-33 | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Multidisciplinary Alcoholism Research Training Program                          | BLOW, FREDERIC C          | Awarded. Non-fellowships only | 1990/07/01 | 2025/06/30 | \$1,783,788 | \$1,783,788 | \$1,497,189 | \$440,945   |
| 2,172 | T32GM146636 | 5T32GM146636-03 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI    | Mount Sinai Medical Scientist Training Program                                  | SWARTZ, TALIA H           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$4,200,614 | \$4,200,614 | \$3,306,169 | \$1,438,462 |
| 2,173 | T32MH112510 | 5T32MH112510-08 | BOSTON CHILDREN'S HOSPITAL                 | Translational Post-doctoral Training in Neurodevelopment                        | NELSON, CHARLES ALEXANDER | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$811,852   | \$811,852   | \$714,413   | \$326,628   |
| 2,174 | T32AI007613 | 5T32AI007613-25 | WEILL MEDICAL COLL OF CORNELL UNIV         | Research Training in Infectious Diseases  | GULICK, ROY M             | Awarded. Non-fellowships only | 1999/07/01 | 2026/06/30 | \$2,086,094 | \$2,086,094 | \$1,941,756 | \$431,304   |
| 2,175 | F31AG082505 | 5F31AG082505-02 | UNIVERSITY OF SOUTH FLORIDA                | DnaJB6 as a novel regulator of tau  | ESQUIVEL, ABIGAIL         | Awarded. Fellowships only     | 2023/08/14 | 2026/08/13 | \$77,279    | \$77,279    | \$53,389    | \$39,373    |
| 2,176 | T32HG002760 | 5T32HG002760-22 | UNIVERSITY OF WISCONSIN-MADISON            | Institutional Training in the Genomic Sciences                                  | LU, QIONGSHI              | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$1,678,608 | \$1,678,608 | \$1,409,662 | \$782,571   |
| 2,177 | T32EB019944 | 5T32EB019944-09 | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Tissue microenvironment (TIme) training program                                 | BHARGAVA, ROHIT           | Awarded. Non-fellowships only | 2016/04/01 | 2026/05/31 | \$793,596   | \$793,596   | \$552,333   | \$166,150   |
| 2,178 | T32AA007459 | 5T32AA007459-39 | BROWN UNIVERSITY                           | Alcohol Intervention Treatment Outcome Research Training                        | MIRANDA, ROBERT           | Awarded. Non-fellowships only | 1986/08/01 | 2026/06/30 | \$1,922,165 | \$1,922,165 | \$1,620,993 | \$525,277   |
| 2,179 | T32GM145437 | 5T32GM145437-03 | UNIVERSITY OF COLORADO                     | Interdisciplinary Predoctoral Training in Molecular Biophysics                  | FALKE, JOSEPH J           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,560,963 | \$1,560,963 | \$1,279,793 | \$569,135   |
| 2,180 | TL1TR001431 | 5TL1TR001431-10 | GEORGETOWN UNIVERSITY                      | Translational Biomedical Science Training Grant                                 | SANDBERG, KATHRYN L       | Awarded. Non-fellowships only | 2015/08/28 | 2026/03/31 | \$1,992,478 | \$1,992,478 | \$1,970,596 | \$542,462   |
| 2,181 | T32GM144293 | 5T32GM144293-03 | OHIO STATE UNIVERSITY                      | Molecular biophysics predoctoral training at the Ohio State University          | BUNDSCHUH, RALF A         | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$672,009   | \$672,009   | \$436,009   | \$296,202   |
| 2,182 | T32CA009351 | 5T32CA009351-47 | FRED HUTCHINSON CANCER CENTER              | Pediatric Oncology Research Training Program                                    | MESHINCHI, SOHEIL         | Awarded. Non-fellowships only | 1979/08/01 | 2027/06/30 | \$1,028,188 | \$1,028,188 | \$512,679   | \$327,376   |
| 2,183 | T32HD007475 | 5T32HD007475-30 | TRUSTEES OF INDIANA UNIVERSITY             | Training Program in Integrative Developmental Process                           | SMITH, LINDA B            | Awarded. Non-fellowships only | 1995/07/01 | 2026/04/30 | \$2,227,732 | \$2,227,732 | \$2,120,978 | \$501,756   |
| 2,184 | F31DK135375 | 5F31DK135375-02 | GEORGIA INSTITUTE OF TECHNOLOGY            | Synthetic Hydrogels for Islet Vascularization and Engraftment                   | QUIZON, MICHELLE          | Awarded. Fellowships only     | 2023/08/16 | 2025/08/15 | \$96,668    | \$96,668    | \$0         | \$48,974    |
| 2,185 | T32GM145226 | 5T32GM145226-02 | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA   | Behavioral-Biomedical Interface: Translational and Prevention Sciences Training | PRINZ, RONALD J           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$539,948   | \$539,948   | \$417,193   | \$274,680   |
| 2,186 | T32GM149417 | 5T32GM149417-02 | PENNSYLVANIA STATE UNIVERSITY, THE         | Molecular Machines Mechanism and Structure (M3S) Training Program               | HANCOCK, WILLIAM OLAF     | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$534,760   | \$534,760   | \$384,615   | \$325,374   |
| 2,187 | T32DK007011 | 5T32DK007011-50 | UNIVERSITY OF CHICAGO                      | Integrated Clinical and Basic Endocrinology Research                            | MIRMIRA, RAGHAVENDRA G    | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$779,608   | \$779,608   | \$770,634   | \$286,364   |
| 2,188 | T32GM139774 | 5T32GM139774-04 | WASHINGTON UNIVERSITY                      | Training Program in Cellular and Molecular Biology                              | TRUE-KROB, HEATHER L      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$4,593,346 | \$4,593,346 | \$4,033,392 | \$1,208,590 |
| 2,189 | T32CA275782 | 5T32CA275782-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO        | Surgical Oncologists as Scientists (SOAS) Training Program                      | SICKCLICK, JASON KEITH    | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$538,943   | \$538,943   | \$133,243   | \$368,648   |
| 2,190 | T32EB013180 | 5T32EB013180-13 | MASSACHUSETTS GENERAL HOSPITAL             | Postgraduate Training Program in Medical Imaging (PTPMI)                        | CATANA, CIPRIAN           | Awarded. Non-fellowships only | 2011/07/01 | 2027/06/30 | \$786,660   | \$786,660   | \$528,767   | \$245,228   |
| 2,191 | T32TR004418 | 5T32TR004418-02 | TUFTS UNIVERSITY BOSTON                    | CTSA Postdoctoral T32 at Tufts University                                       | KENT, DAVID M             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,075,091 | \$1,075,091 | \$557,885   | \$553,546   |

|       |             |                   |  |  |                              |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|--|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,192 | T32AI155385 | 5T32AI155385-04   | UNIVERSITY OF TEXAS MED BR GALVESTON     | Physician-Scientist Training in Emerging Infectious Diseases   | MELBY, PETER C               | Awarded. Non-fellowships only | 2021/09/22 | 2026/08/31 | \$567,887   | \$567,887   | \$242,925   | \$102,304   |
| 2,193 | T32HL129982 | 5T32HL129982-09   | UNIV OF NORTH CAROLINA CHAPEL HILL       | The Genetic Epidemiology of Heart, Lung, and Blood Traits Training Grant (GenHLB)  | NORTH, KARI E                | Awarded. Non-fellowships only | 2016/06/01 | 2026/05/31 | \$1,470,925 | \$1,470,925 | \$1,296,773 | \$354,722   |
| 2,194 | F30CA265124 | 5F30CA265124-04   | WEILL MEDICAL COLL OF CORNELL UNIV       | In vivo characterization of keratinocytes in the melanoma microenvironment   | MA, YILUN                    | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$206,302   | \$206,302   | \$188,199   | \$53,974    |
| 2,195 | T32DK007120 | 5T32DK007120-50   | WASHINGTON UNIVERSITY                    | Diabetes and Related Metabolic Diseases  | SEMENKOVICH, CLAY F          | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$4,087,320 | \$4,087,320 | \$3,823,273 | \$1,010,582 |
| 2,196 | T32ES019851 | 5T32ES019851-13   | UNIVERSITY OF PENNSYLVANIA               | Translational Research Training Program in Environmental Health Sciences   | PENNING, TREVOR M            | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$1,439,165 | \$1,439,165 | \$1,169,755 | \$500,124   |
| 2,197 | F31GM146427 | 5F31GM146427-02   | UNIVERSITY OF NORTH DAKOTA               | Function of GATA3-PARP1 complex in breast cancer during GATA3-mediated cellular reprogramming                                    | COOPER, MIKHALA              | Awarded. Fellowships only     | 2023/05/23 | 2025/11/22 | \$96,668    | \$96,668    | \$69,748    | \$48,974    |
| 2,198 | F32AI183661 | 1F32AI183661-01   | CEDARS-SINAI MEDICAL CENTER              | Defining the role of PSTPIP2 in neutrophil biology   | RATITONG, BRIDGET            | Awarded. Fellowships only     | 2024/12/18 | 2027/12/17 | \$73,828    | \$73,828    | \$24,255    | \$73,828    |
| 2,199 | F31DA060688 | 1F31DA060688-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Structural and functional responses of nucleus accumbens microglia following long-access cocaine self-administration             | BELLINGER, TANIA JAZMINE     | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$40,441    | \$40,441    | \$30,280    | \$40,441    |
| 2,200 | F31DC021877 | 1F31DC021877-01   | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Emotion Regulation in Children with Developmental Language Disorder  | BERRIER, TAYLOR BRYANT       | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974    | \$48,974    | \$37,452    | \$48,974    |
| 2,201 | F31AR083236 | 1F31AR083236-01A1 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Immunoregulatory biomaterials for modulating arthritis flares  | JOHNSON, WADE TRUMAN         | Awarded. Fellowships only     | 2024/08/19 | 2026/08/18 | \$41,566    | \$41,566    | \$28,347    | \$41,566    |
| 2,202 | F31AG087702 | 1F31AG087702-01   | JACKSON LABORATORY                       | Lrnf2 as a Novel Resilience Factor to Protect Against Alzheimers Disease-Related Cortical Neurodegeneration                      | GURDON, BRIANNA              | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$68,016    | \$68,016    | \$23,082    | \$34,008    |
| 2,203 | F30AG072804 | 5F30AG072804-03   | OHIO STATE UNIVERSITY                    | Decoding Selective Vulnerability: Effectors and Regulators of Tau Lesion Spread in Alzheimers Disease                            | AYOUB, CHRISTOPHER ANTHONY   | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$133,999   | \$133,999   | \$80,025    | \$53,974    |
| 2,204 | F30AI183830 | 1F30AI183830-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Mechanisms of reverse transcriptase mediated phage resistance in Enterobacteriaceae  | TANG, STEPHEN                | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$50,937    | \$50,937    | \$50,937    | \$50,937    |
| 2,205 | F31DC020390 | 5F31DC020390-03   | JOHNS HOPKINS UNIVERSITY                 | Neural Processing of Native and Prosthetic Vestibular Signals for Postural Control   | LEAVITT, OLIVIA MARIE ELAINE | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$127,420   | \$127,420   | \$114,895   | \$32,974    |
| 2,206 | T32DK007646 | 5T32DK007646-32   | UNIVERSITY OF VIRGINIA                   | Research Training in Neuroendocrinology and Metabolism   | LIU, ZHENQI                  | Awarded. Non-fellowships only | 1990/09/01 | 2027/06/30 | \$917,703   | \$917,703   | \$444,893   | \$370,157   |
| 2,207 | F31DA056213 | 5F31DA056213-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Astrocyte-mediated regulation of cocaine-generated synapses during cocaine seeking   | ZINSMAIER, ALEXANDER         | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$58,617    | \$48,974    |
| 2,208 | F32EY036268 | 1F32EY036268-01   | GEORGIA INSTITUTE OF TECHNOLOGY          | The Structural and Biochemical Effects of XFG-Associated Variants in LOXL1   | YOUNGBLOOD, HANNAH ABIGAIL   | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$74,284    | \$74,284    | \$42,521    | \$74,284    |
| 2,209 | F32GM151822 | 5F32GM151822-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Biosynthesis of Several Oxyvinylglycine Nonproteinogenic Amino Acids Bearing Unusual Alkoxyamine Bonds                           | TUREK-HERMAN, JOSHUA RAY     | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$142,512   | \$142,512   | \$107,599   | \$73,828    |
| 2,210 | T32CA078586 | 5T32CA078586-25   | UNIVERSITY OF IOWA                       | Training Program in Free Radical and Radiation Biology   | SPITZ, DOUGLAS ROBERT        | Awarded. Non-fellowships only | 1999/07/01 | 2025/07/31 | \$1,624,599 | \$1,624,599 | \$1,521,383 | \$360,199   |
| 2,211 | F31AA031602 | 1F31AA031602-01   | UNIVERSITY OF RHODE ISLAND               | Protective Behavioral Strategies on Alcohol and Cannabis Co-Use Occasions  | TODARO, SABRINA              | Awarded. Fellowships only     | 2024/05/20 | 2026/05/19 | \$48,974    | \$48,974    | \$48,475    | \$48,974    |
| 2,212 | F32HD108960 | 5F32HD108960-03   | WAYNE STATE UNIVERSITY                   | An integrative multisite study of the influence of socioeconomic disparities on hippocampal subfields developmental trajectories | CANADA, KELSEY LEIGH         | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$224,143   | \$224,143   | \$192,493   | \$78,892    |
| 2,213 | F32DA060556 | 1F32DA060556-01   | UNIVERSITY OF COLORADO DENVER            | Dissecting Modes of Dopamine Transmission and Their Roles in Reward Related Behaviors  | MCGREGOR, MATTHEW M          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$74,284    | \$74,284    | \$49,971    | \$74,284    |

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|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,214 | F31HD108952 | 5F31HD108952-03   | UNIVERSITY OF CALIFORNIA SANTA BARBARA  | Dissecting the role of Erk signaling dynamics in positioning and coordinating germ layer fates   | BAXTER, NAOMI JESSIE    | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$121,111   | \$121,111   | \$108,591   | \$41,792  |
| 2,215 | F31DK139599 | 1F31DK139599-01   | UNIVERSITY OF MINNESOTA                 | Renal Afferent Nerve Circuitry and Pathogenesis on Blood Pressure Regulation   | DAILEY-KREMPEL, BRIANNA | Awarded. Fellowships only     | 2024/09/03 | 2027/09/02 | \$38,538    | \$38,538    | \$29,475    | \$38,538  |
| 2,216 | F32HG013265 | 1F32HG013265-01A1 | COLD SPRING HARBOR LABORATORY           | A surrogate modeling framework for interpreting deep neural networks in functional genomics  | SEITZ, EVAN ELLIOTT     | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$77,284    | \$77,284    | \$71,331    | \$77,284  |
| 2,217 | F31AR084335 | 1F31AR084335-01   | EMORY UNIVERSITY                        | Superwoman Coping: A multi-level analysis of self-management behaviors and cardiovascular disease risk among Black women with systemic lupus erythematosus | LEUNG, JERIK            | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974    | \$48,974    | \$38,879    | \$48,974  |
| 2,218 | F31CA290817 | 1F31CA290817-01   | DUKE UNIVERSITY                         | ABL kinase inhibition sensitizes SCLC to dysregulation of metabolic pathways leading to cell death   | BARBIER, ROBERTO HUGO   | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$41,798    | \$41,798    | \$39,446    | \$41,798  |
| 2,219 | F31HL174075 | 1F31HL174075-01   | VIRGINIA POLYTECHNIC INST AND ST UNIV   | Investigating REDD1 as a mediator of cardiac insulin resistance  | WHEELER, MASON          | Awarded. Fellowships only     | 2024/09/10 | 2027/09/09 | \$42,503    | \$42,503    | \$28,391    | \$42,503  |
| 2,220 | F31CA291046 | 1F31CA291046-01   | GEORGETOWN UNIVERSITY                   | Identification of BAIAP2 and CDC42 as potential therapeutic targets in SHH medulloblastoma   | RUIZ, LUZ CLARITA       | Awarded. Fellowships only     | 2024/09/14 | 2027/09/13 | \$36,274    | \$36,274    | \$28,839    | \$36,274  |
| 2,221 | T32GM136542 | 5T32GM136542-05   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Training Program in Cell Biology   | SMITH, SUSAN            | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,027,492 | \$3,027,492 | \$2,768,579 | \$602,794 |
| 2,222 | F30DE031940 | 5F30DE031940-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Exploring the Role of DMBT1 Suppression in Invasion of Oral Cancer   | DANELLA, ERIKA BUNNINE  | Awarded. Fellowships only     | 2022/09/01 | 2027/08/31 | \$160,820   | \$160,820   | \$160,820   | \$54,774  |
| 2,223 | F31DC021883 | 1F31DC021883-01   | UNIVERSITY OF CHICAGO                   | Spatiotemporal models of neural coding in the vestibular periphery   | LUTZ, OLIVIA            | Awarded. Fellowships only     | 2024/04/01 | 2027/06/21 | \$48,974    | \$48,974    | \$32,779    | \$48,974  |
| 2,224 | T34GM142610 | 5T34GM142610-03   | HOWARD UNIVERSITY                       | Bridges to the Baccalaureate Research Training Program at Howard University and Baltimore City Community College   | ANDRISSE, STANLEY       | Awarded. Non-fellowships only | 2022/08/09 | 2027/07/31 | \$802,370   | \$802,370   | \$335,501   | \$320,074 |
| 2,225 | T32OD010423 | 5T32OD010423-18   | UNIVERSITY OF WISCONSIN-MADISON         | Comparative Biomedical Sciences Training Program   | SURESH, MARULASIDDAPPA  | Awarded. Non-fellowships only | 2007/07/01 | 2027/08/31 | \$1,120,146 | \$1,120,146 | \$650,636   | \$333,767 |
| 2,226 | F30HD115371 | 1F30HD115371-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Epigenetic and Neuronal Mechanisms of MECP2 Reactivation to rescue Rett Syndrome   | PAN, RICHARD LI CHENG   | Awarded. Fellowships only     | 2024/09/16 | 2028/09/15 | \$50,414    | \$50,414    | \$50,414    | \$50,414  |
| 2,227 | F32DK139701 | 1F32DK139701-01   | BRIGHAM AND WOMEN'S HOSPITAL            | Leveraging the Gastric Submucosa as a Host for Cell Therapies  | OWYANG, STEPHANIE YUEN  | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$83,932    | \$83,932    | \$56,972    | \$83,932  |
| 2,228 | TL1TR001871 | 5TL1TR001871-09   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | NRSA Training Core   | KANAYA, ALKA M          | Awarded. Non-fellowships only | 2016/07/18 | 2026/06/30 | \$2,615,884 | \$2,615,884 | \$3,144,970 | \$854,108 |
| 2,229 | F31DA059204 | 1F31DA059204-01A1 | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Role of the gut microbiome in prolonged pain hypersensitivity following neonatal morphine exposure   | ANTOINE, DANIELLE       | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974    | \$48,974    | \$38,501    | \$48,974  |
| 2,230 | F31CA284505 | 1F31CA284505-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | The role of mesothelial-derived cancer-associated fibroblasts in the pathogenesis of pancreatic ductal adenocarcinoma                                      | BISCHOFF, ALLISON       | Awarded. Fellowships only     | 2024/09/01 | 2028/08/31 | \$47,335    | \$47,335    | \$35,276    | \$47,335  |
| 2,231 | F30DK137438 | 1F30DK137438-01A1 | UNIVERSITY OF KANSAS MEDICAL CENTER     | Mechanisms of cyst progression driven by Na,K-ATPase in autosomal dominant polycystic kidney disease (ADPKD).  | TRANT, JORDAN           | Awarded. Fellowships only     | 2024/08/04 | 2028/08/03 | \$37,313    | \$37,313    | \$27,410    | \$37,313  |
| 2,232 | F31AI183775 | 1F31AI183775-01   | CORNELL UNIVERSITY                      | Impact of transposable elements on cis-regulatory variation in T cell activation   | CHOBIRKO, JASON D       | Awarded. Fellowships only     | 2024/05/21 | 2026/05/20 | \$45,454    | \$45,454    | \$45,082    | \$45,454  |
| 2,233 | T32HL144449 | 5T32HL144449-05   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | UCLA and Caltech integrated Cardiovascular Medicine for Bioengineers (iCMB)  | HSIAI, TZUNG K          | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,161,883 | \$1,161,883 | \$893,205   | \$109,304 |
| 2,234 | F31NS125974 | 5F31NS125974-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Microglia and S1PR1 Signaling in Multiple Sclerosis Associated Neuropathic Pain  | LAMERAND, SYDNEY        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$102,750   | \$48,974  |

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|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 2,235 | F31MH135695 | 1F31MH135695-01A1 | UNIVERSITY OF DELAWARE                  | Multilevel analysis of the bidirectional effects of cognition and psychopathology over time  | STUMPS, ANNA            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$44,416    | \$44,416    | \$15,288  | \$44,416  |
| 2,236 | F31AI179044 | 1F31AI179044-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Dose control of recombinant Adeno-associated virus with Chemical Epigenetic Modifiers  | WASSERMAN, SARA ROSE    | Awarded. Fellowships only     | 2024/08/12 | 2026/08/11 | \$40,277    | \$40,277    | \$30,012  | \$40,277  |
| 2,237 | F32MH134612 | 1F32MH134612-01A1 | VANDERBILT UNIVERSITY MEDICAL CENTER    | Temporal prediction and social function: Modeling neural and behavioral correlates of making predictions in time across typically-developing and autistic adults             | FRAM, NOAH ROY          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$78,328    | \$78,328    | \$62,110  | \$78,328  |
| 2,238 | F31EY036279 | 1F31EY036279-01   | GEORGIA STATE UNIVERSITY                | The adolescent development of top-down feedback for visual processing  | RADER GROVES, ANNA      | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$24,305  | \$48,974  |
| 2,239 | F31CA284773 | 5F31CA284773-02   | SALK INSTITUTE FOR BIOLOGICAL STUDIES   | Elucidating the distinct roles of T cell-polarized microglia in glioblastoma suppression and progression   | GARCIA-RIVERA, LIZMARIE | Awarded. Fellowships only     | 2023/08/01 | 2027/06/30 | \$81,652    | \$81,652    | \$65,188  | \$41,466  |
| 2,240 | F31HL174137 | 1F31HL174137-01   | VANDERBILT UNIVERSITY                   | Cerebral oxygen extraction efficiency in patients with sickle cell anemia  | SONG, ALEXANDER K       | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$34,370    | \$34,370    | \$21,670  | \$34,370  |
| 2,241 | F31CA290929 | 1F31CA290929-01   | HARVARD UNIVERSITY                      | Defining the roles for the sequence-non-specific DNA-binding domains in mammalian SWI/SNF chromatin remodeling complex assembly and function                                 | LIEBERMAN, WHITNEY KATE | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$41,656    | \$41,656    | \$36,952  | \$41,656  |
| 2,242 | F31MH131359 | 5F31MH131359-03   | UNIVERSITY OF UTAH                      | Top-Down Control of Isolation-Induced Aggression Through mPFC Tac2+ Interneurons   | GATLIN, RACHEL          | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$113,765   | \$113,765   | \$104,249 | \$39,089  |
| 2,243 | F30EY034380 | 5F30EY034380-03   | YALE UNIVERSITY                         | Plasticity of cortical networks during learning  | BATCHELOR, HANNAH MARIE | Awarded. Fellowships only     | 2022/09/16 | 2026/09/15 | \$124,190   | \$124,190   | \$76,460  | \$35,974  |
| 2,244 | F32EY036266 | 1F32EY036266-01   | UNIVERSITY OF PENNSYLVANIA              | From visual snapshots to allocentric representations of a 3D world   | SHAFFER-SKELTON, ANNA   | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$74,284    | \$74,284    | \$54,252  | \$74,284  |
| 2,245 | F32HL170716 | 1F32HL170716-01A1 | STANFORD UNIVERSITY                     | Stem Cell Model of Varicose Veins  | NOISHIKI, CHIKAGE       | Awarded. Fellowships only     | 2024/07/01 | 2025/06/30 | \$86,488    | \$86,488    | \$64,445  | \$86,488  |
| 2,246 | T34GM142620 | 5T34GM142620-02   | UNIVERSITY OF IDAHO                     | Bridges to the Baccalaureate Research Training Program T34   | WAYNANT, KRISTOPHER V   | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$300,857   | \$300,857   | \$156,658 | \$202,241 |
| 2,247 | F30HL173962 | 1F30HL173962-01   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Loaded Fibrin-Specific Nanogels for Sepsis-Induced DIC   | LUTZ, HALLE             | Awarded. Fellowships only     | 2024/09/30 | 2028/09/29 | \$40,354    | \$40,354    | \$26,423  | \$40,354  |
| 2,248 | F31DE033884 | 1F31DE033884-01   | UNIVERSITY OF ARIZONA                   | HPV Attenuation of the cGAS/STING Pathway  | TOBEY, ISABELLE         | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,094    | \$42,094    | \$32,174  | \$42,094  |
| 2,249 | F31NS134135 | 1F31NS134135-01A1 | UNIVERSITY OF WASHINGTON                | Mapping and Modeling the Spatial Topography of Tactile Neural Circuits in Drosophila   | ELABBADY, LEILA         | Awarded. Fellowships only     | 2024/06/16 | 2027/02/16 | \$48,974    | \$48,974    | \$40,288  | \$48,974  |
| 2,250 | F31AA031163 | 1F31AA031163-01A1 | UNIVERSITY OF RHODE ISLAND              | Adolescent alcohol and cannabis transitions: Associations with multidimensional SES and cannabis policy  | KENYON, EMILY A         | Awarded. Fellowships only     | 2024/05/20 | 2026/05/19 | \$48,974    | \$48,974    | \$48,711  | \$48,974  |
| 2,251 | T32HD098067 | 5T32HD098067-05   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Training in Intellectual and Developmental Disabilities (IDD) Research   | WALKLEY, STEVEN UPSHAW  | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,317,302 | \$1,317,302 | \$764,376 | \$83,693  |
| 2,252 | T35DK121678 | 5T35DK121678-05   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | University of Miami kidney Innovative & Interdisciplinary Medical Education in Research Activities (UM-KIMERA)   | FORNONI, ALESSIA        | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$220,633   | \$220,633   | \$156,490 | \$47,339  |
| 2,253 | F31HL164287 | 5F31HL164287-03   | BAYLOR COLLEGE OF MEDICINE              | Epigenetic modification of hematopoietic stem and progenitor cells in inflammation-induced differentiation   | TRAN, BRANDON T         | Awarded. Fellowships only     | 2022/08/01 | 2025/10/31 | \$143,420   | \$143,420   | \$113,285 | \$48,974  |
| 2,254 | F31MH133326 | 5F31MH133326-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Mapping functional brain connectivity, neurodevelopment, and imaging-genetic associations in individuals with genetic and clinical risk factors for neuropsychiatric illness | SCHLEIFER, CHARLES      | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$93,721    | \$93,721    | \$86,909  | \$53,974  |

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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,255 | F30AG079507 | 5F30AG079507-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Neurophysiological Basis for Functional Connectivity Changes in Early Alzheimer's Disease  | COVER, CHRISTOPHER GREGORY | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$150,996   | \$150,996   | \$115,612   | \$53,974  |
| 2,256 | TL1DK136046 | 5TL1DK136046-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Training Core  | MARIANI, LAURA H           | Awarded. Non-fellowships only | 2022/09/15 | 2027/06/30 | \$1,474,211 | \$1,474,211 | \$1,086,267 | \$417,662 |
| 2,257 | F31GM151815 | 5F31GM151815-02   | UNIVERSITY OF KANSAS MEDICAL CENTER      | Structural and Biological Effects of Ribonucleotide Insertion into Telomeres   | CORTEZ, LUIS MANUEL        | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$68,868    | \$68,868    | \$68,868    | \$32,974  |
| 2,258 | F31NS134281 | 5F31NS134281-02   | DUKE UNIVERSITY                          | Lung-brain communication in the onset of respiratory viral infection.  | MONROE, SARAH KATHERINE    | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$86,886    | \$86,886    | \$68,101    | \$44,083  |
| 2,259 | FM1HD117689 | 1FM1HD117689-01   | UNIVERSITY OF MARYLAND BALTIMORE         | Medical Scientist Training in the NIH Partnership Program - Yalan Wu   | WU, YALAN                  | Awarded. Fellowships only     | 2024/09/20 | 2027/09/19 | \$53,974    | \$53,974    | \$53,887    | \$53,974  |
| 2,260 | F31DA060560 | 1F31DA060560-01   | NORTHWESTERN UNIVERSITY AT CHICAGO       | The impact of adolescent stress on neural circuits underlying punishment resistant reward seeking  | NADEL, JACOB ANDREW        | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$44,187    | \$44,187    | \$32,705    | \$44,187  |
| 2,261 | T32HL105321 | 5T32HL105321-14   | UNIVERSITY OF UTAH                       | Multidisciplinary Pulmonary and Critical Care Training Program   | PAINE, ROBERT              | Awarded. Non-fellowships only | 2010/09/01 | 2026/06/30 | \$1,347,904 | \$1,347,904 | \$1,100,947 | \$387,785 |
| 2,262 | T34GM147664 | 5T34GM147664-03   | PORTLAND STATE UNIVERSITY                | Bridges to Baccalaureate Training Program at Portland State University   | KELLER, THOMAS E           | Awarded. Non-fellowships only | 2023/12/15 | 2028/07/31 | \$403,305   | \$403,305   | \$70,243    | \$276,127 |
| 2,263 | F30CA257622 | 5F30CA257622-02   | UNIVERSITY OF ARIZONA                    | Neoantigen-specific T cells in a novel cutaneous squamous cell carcinoma model   | ADAMS, ANNGELA CHRISTINA   | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$106,668   | \$106,668   | \$77,411    | \$53,974  |
| 2,264 | F31CA275314 | 5F31CA275314-02   | UNIVERSITY OF COLORADO DENVER            | Elucidating the role of EYA2 at centrosomes in glioblastoma stem cells   | WOLIN, ARTHUR R            | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$73,030    | \$73,030    | \$65,941    | \$37,155  |
| 2,265 | F31AG079620 | 5F31AG079620-03   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | Multimodal ventral tegmental area decrements in a mouse Alzheimers model   | BLANKENSHIP, HARRIS        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$109,877   | \$109,877   | \$89,673    | \$37,793  |
| 2,266 | T32CA165990 | 5T32CA165990-11   | UNIVERSITY OF KENTUCKY                   | Interdisciplinary Research Training in Cancer Biology  | O'CONNOR, KATHLEEN L       | Awarded. Non-fellowships only | 2013/04/01 | 2027/06/30 | \$918,241   | \$918,241   | \$704,875   | \$296,612 |
| 2,267 | F31AI172078 | 5F31AI172078-03   | UNIVERSITY OF WASHINGTON                 | Defining signals contributing to inflammatory hemophagocyte differentiation in TLR7 mediated Macrophage Activation Syndrome  | THULIN, NATALIE K          | Awarded. Fellowships only     | 2022/09/16 | 2025/09/15 | \$132,843   | \$132,843   | \$115,705   | \$45,197  |
| 2,268 | F31DK137425 | 1F31DK137425-01A1 | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | The contribution of the APOM/S1P signaling axis to podocyte injury   | TOLERICO, MATTHEW ROBERT   | Awarded. Fellowships only     | 2024/05/16 | 2027/05/15 | \$85,148    | \$85,148    | \$33,130    | \$42,574  |
| 2,269 | F31HD115328 | 1F31HD115328-01   | UNIVERSITY OF WISCONSIN-MADISON          | The Role of Environmental Context in Early Semantic Network Development  | BREITFELD, ELISE C         | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$74,732    | \$74,732    | \$34,216    | \$37,197  |
| 2,270 | T32AI095207 | 5T32AI095207-12   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Northwestern University Infectious Diseases Education and Science (NulDeas)  | HAWKINS, CLAUDIA A         | Awarded. Non-fellowships only | 2012/07/01 | 2028/07/31 | \$376,841   | \$376,841   | \$220,154   | \$210,373 |
| 2,271 | F31CA275328 | 5F31CA275328-03   | UNIVERSITY OF UTAH                       | Investigating molecular regulators of a mixed-lineage state in lung adenocarcinoma   | FORT, GABRIELA M           | Awarded. Fellowships only     | 2022/08/01 | 2025/09/29 | \$113,756   | \$113,756   | \$91,915    | \$39,086  |
| 2,272 | F30HL162429 | 5F30HL162429-03   | UNIVERSITY OF PENNSYLVANIA               | Right Ventricular Remodeling in Tetralogy of Fallot  | THOMPSON, ELIZABETH WALKER | Awarded. Fellowships only     | 2022/08/01 | 2027/07/31 | \$166,420   | \$166,420   | \$131,163   | \$56,974  |
| 2,273 | F31AA030727 | 5F31AA030727-03   | VIRGINIA COMMONWEALTH UNIVERSITY         | The Role of Ninein in Ethanol Anxiolysis   | GNATOWSKI, EMMA            | Awarded. Fellowships only     | 2022/09/25 | 2025/09/24 | \$125,231   | \$125,231   | \$107,627   | \$42,911  |
| 2,274 | T32HL007633 | 5T32HL007633-39   | BRIGHAM AND WOMEN'S HOSPITAL             | Integrated Training in Respiratory Research  | WASHKO, GEORGE R           | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$3,149,432 | \$3,149,432 | \$2,497,822 | \$828,764 |
| 2,275 | T32NS121881 | 5T32NS121881-04   | WASHINGTON UNIVERSITY                    | Neuroscience Training Program at Washington University   | KERSCHENSTEINER, DANIEL    | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,014,607 | \$2,014,607 | \$1,808,389 | \$461,621 |
| 2,276 | F31NR020987 | 1F31NR020987-01A1 | OHIO STATE UNIVERSITY                    | Associations Between Adversity and Psychological Distress and Physiological Stress Among Youth Experiencing Homelessness: The Buffering Role of Social Network Processes | FITZPATRICK, MARGARET M    | Awarded. Fellowships only     | 2024/08/16 | 2025/08/15 | \$40,582    | \$40,582    | \$31,731    | \$40,582  |
| 2,277 | F31DE032593 | 5F31DE032593-02   | BROWN UNIVERSITY                         | PD-1 Mediated Regulation of Salivary Gland Integrity   | BORYS, SAMANTHA            | Awarded. Fellowships only     | 2023/08/01 | 2026/11/30 | \$100,768   | \$100,768   | \$83,931    | \$52,274  |

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|-------|-------------|-------------------|--|---|---------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,278 | F31HL168950 | 5F31HL168950-02   | RESEARCH INST NATIONWIDE CHILDREN'S HOSP | Computational methods to elucidate the role of long non-coding RNA in Congenital Heart Disease  | PENALOZA, JACQUELINE STEPHANY   | Awarded. Fellowships only     | 2023/05/18 | 2025/05/17 | \$79,876    | \$79,876    | \$66,556    | \$40,578  |
| 2,279 | F30HL165812 | 5F30HL165812-02   | OHIO STATE UNIVERSITY                    | YTHDF3 as a critical regulator of cardiac function  | RABOLLI, CHARLES P              | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$87,168    | \$87,168    | \$80,244    | \$44,224  |
| 2,280 | F30CA278287 | 5F30CA278287-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Understanding the impact of DNA ADP-ribosylation on telomere function in cancer cells   | WONDISFORD, ANNE                | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$103,984   | \$103,984   | \$103,984   | \$53,974  |
| 2,281 | T32DA055569 | 5T32DA055569-03   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES   | Rutgers Training in Addiction Research Program  | PIERCE, ROBERT CHRISTOPHER      | Awarded. Non-fellowships only | 2023/07/03 | 2028/06/30 | \$803,505   | \$803,505   | \$655,918   | \$414,832 |
| 2,282 | F30DA057094 | 5F30DA057094-03   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Understanding the miRNA response to opioid withdrawal and their uses as potential biomarkers for neonatal abstinence syndrome               | SULLIVAN, RHEA ELENA            | Awarded. Fellowships only     | 2022/09/01 | 2027/08/31 | \$103,841   | \$103,841   | \$88,580    | \$35,864  |
| 2,283 | F32EB034156 | 5F32EB034156-02   | STANFORD UNIVERSITY                      | Skin-like wearable biosensors for multimodal mental health biomarker monitoring   | ZHAO, CHUANZHEN                 | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$150,684   | \$150,684   | \$126,736   | \$78,892  |
| 2,284 | F32AI164853 | 5F32AI164853-03   | UNIVERSITY OF WASHINGTON                 | Toxin neutralization to functionally dissect interbacterial antagonism in the gut microbiome  | SHEN, BETH A                    | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$218,266   | \$218,266   | \$187,034   | \$78,892  |
| 2,285 | F31AI179014 | 5F31AI179014-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Structure-based Antiviral Design against HTLV-1 Protease  | ZVORNICANIN, SARAH N            | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$71,240    | \$71,240    | \$68,287    | \$36,260  |
| 2,286 | T32GM141848 | 5T32GM141848-04   | UNIVERSITY OF UTAH                       | University of Utah Genetics Training Program  | STANFIELD, GILLIAN              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,313,942 | \$2,313,942 | \$1,899,227 | \$611,351 |
| 2,287 | T32NS045549 | 5T32NS045549-18   | UNIVERSITY OF IOWA                       | Interdisciplinary Training Program in Pain Research   | USACHEV, YURIY M                | Awarded. Non-fellowships only | 2004/07/01 | 2027/06/30 | \$781,395   | \$781,395   | \$570,185   | \$238,280 |
| 2,288 | F30HL162452 | 5F30HL162452-04   | INDIANA UNIVERSITY INDIANAPOLIS          | Spatiotemporal and Deep Learning Analysis of Cardiac Imaging for Predictive Risk Stratification in Duchenne Muscular Dystrophy              | EARL, CONNER                    | Awarded. Fellowships only     | 2022/08/05 | 2026/08/04 | \$162,696   | \$159,558   | \$144,477   | \$56,974  |
| 2,289 | T35AG026758 | 5T35AG026758-20   | JOHNS HOPKINS UNIVERSITY                 | Medical Student Training in Aging Research (MSTAR) Program  | CHRISTMAS, COLLEEN              | Awarded. Non-fellowships only | 2005/06/01 | 2025/05/31 | \$474,582   | \$474,582   | \$485,288   | \$79,295  |
| 2,290 | F31CA284708 | 5F31CA284708-02   | UNIVERSITY OF PENNSYLVANIA               | Defining the mechanisms of B7-H3 overexpression and role in neuroblastoma metastasis and immune evasion                                     | WINGROVE, CATHERINE LEONA-GRACE | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$84,345    | \$84,345    | \$76,654    | \$36,651  |
| 2,291 | F31DC021385 | 5F31DC021385-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Bilingualism as a cognitive reserve factor: the behavioral and neural underpinnings of cognitive control in bilingual patients with aphasia | CARPENTER, ERIN                 | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$74,656    | \$74,656    | \$46,911    | \$37,328  |
| 2,292 | F32DE032907 | 5F32DE032907-02   | NOVA SOUTHEASTERN UNIVERSITY             | Mechanosensing of osteoclasts in periodontitis.   | SHINDO, SATORU                  | Awarded. Fellowships only     | 2023/09/04 | 2026/08/31 | \$174,392   | \$174,392   | \$124,821   | \$90,288  |
| 2,293 | T32HL105346 | 5T32HL105346-14   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Training Program in Lung Biology and Translational Medicine   | GAGGAR, AMIT                    | Awarded. Non-fellowships only | 2010/09/20 | 2026/06/30 | \$1,669,501 | \$1,669,501 | \$1,457,304 | \$436,177 |
| 2,294 | F31AG084298 | 5F31AG084298-02   | UNIVERSITY OF KANSAS MEDICAL CENTER      | Interactions between Mitochondria, ER, and Amyloid  | STROPE, TAYLOR A                | Awarded. Fellowships only     | 2023/08/06 | 2028/08/05 | \$74,143    | \$74,143    | \$56,813    | \$37,827  |
| 2,295 | T32MH020031 | 2T32MH020031-26   | YALE UNIVERSITY                          | Interdisciplinary HIV Prevention Training Program   | KERSHAW, TRACE S                | Awarded. Non-fellowships only | 1999/07/01 | 2029/06/30 | \$587,404   | \$587,404   | \$350,048   | \$587,404 |
| 2,296 | F31AI179426 | 1F31AI179426-01A1 | SCRIPPS RESEARCH INSTITUTE, THE          | Development of soluble and membrane bound immunogens to shepherd HIV-1 MPER specific BCR maturation   | SWANSON, OLIVIA                 | Awarded. Fellowships only     | 2024/08/02 | 2027/08/01 | \$35,974    | \$35,974    | \$29,119    | \$35,974  |
| 2,297 | F31AG080962 | 5F31AG080962-02   | UNIVERSITY OF PENNSYLVANIA               | Super-Resolution Imaging of Alzheimers Disease Hyperphosphorylated Tau Aggregates   | SANTIAGO-RUIZ, ADRIANA NAOMI    | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668    | \$96,668    | \$79,374    | \$48,974  |
| 2,298 | F31AA031177 | 5F31AA031177-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Investigating tonic and synaptic excitatory signaling in the bed nucleus of the stria terminalis across models of alcohol exposure          | CONLEY, SARA YI-LING            | Awarded. Fellowships only     | 2023/09/14 | 2025/11/27 | \$78,920    | \$78,920    | \$52,766    | \$40,100  |
| 2,299 | F31GM151783 | 5F31GM151783-02   | STANFORD UNIVERSITY                      | Predicting adverse drug reactions via networks of drug binding pocket similarity  | CARPENTER, KRISTY               | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$90,201    | \$90,201    | \$65,016    | \$42,507  |



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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,300 | F31HG013246 | 5F31HG013246-02   | UNIVERSITY OF PENNSYLVANIA             | Augmenting Pharmacogenetics with Multi-Omics Data and Techniques to Predict Adverse Drug Reactions to NSAIDs   | KEAT, KARL ERNST           | Awarded. Fellowships only     | 2023/09/18 | 2026/10/31 | \$96,668    | \$96,668    | \$79,031    | \$48,974  |
| 2,301 | T32CA009001 | 2T32CA009001-49A1 | HARVARD SCHOOL OF PUBLIC HEALTH        | Program for Training in Cancer Epidemiology  | ELIASSEN, A HEATHER        | Awarded. Non-fellowships only | 1978/07/01 | 2029/06/30 | \$503,403   | \$503,403   | \$105,002   | \$503,403 |
| 2,302 | F31HD114419 | 5F31HD114419-02   | UNIVERSITY OF TEXAS AT AUSTIN          | Uncovering the role of inpp11a in notochord vacuolation and the development of a straight body axis.   | VOIGT, BRITTNEY            | Awarded. Fellowships only     | 2023/09/21 | 2026/09/20 | \$83,258    | \$83,258    | \$65,477    | \$42,269  |
| 2,303 | F32HL168968 | 5F32HL168968-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | A Magnetic Resonance Imaging Based Computational Analysis of Plaque Morphology and Hemodynamics in Patients with High Grade Asymptomatic Carotid Artery Stenosis | BRAET, DREW JACKSON        | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$158,184   | \$158,184   | \$134,710   | \$78,892  |
| 2,304 | F32MH134673 | 5F32MH134673-02   | CORNELL UNIVERSITY                     | Prefrontal cortical circuit reorganization during immediate memory consolidation   | ROBINSON, HEATH LARSSON    | Awarded. Fellowships only     | 2023/09/30 | 2027/09/29 | \$143,364   | \$143,364   | \$84,550    | \$74,284  |
| 2,305 | T32CA009206 | 2T32CA009206-46   | UNIVERSITY OF WISCONSIN-MADISON        | UW Radiological Sciences Training Program  | BEDNARZ, BRYAN PATRICK     | Awarded. Non-fellowships only | 1978/08/01 | 2029/08/31 | \$482,915   | \$482,915   | \$306,213   | \$482,915 |
| 2,306 | T90NR021683 | 1T90NR021683-01   | WASHINGTON UNIVERSITY                  | PRomoting Excellence through Pain and Addiction Research Enhancement (PREPARE)   | GOODIN, BUREL R            | Awarded. Non-fellowships only | 2024/08/12 | 2029/06/30 | \$172,596   | \$172,596   | \$35,369    | \$172,596 |
| 2,307 | F31AI179103 | 5F31AI179103-02   | EMORY UNIVERSITY                       | Investigating CovRS activation within skin microenvironments to drive heterogenicity of Streptococcus pyogenes gene expression                                   | GUERRA, STEPHANIE CORINNE  | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$77,828    | \$48,974  |
| 2,308 | T32OD011147 | 5T32OD011147-36   | UNIVERSITY OF CALIFORNIA AT DAVIS      | Comparative Medical Science Training Program   | THOMASY, SARA MICHELLE     | Awarded. Non-fellowships only | 1988/07/01 | 2027/11/30 | \$1,588,687 | \$1,588,687 | \$1,113,715 | \$417,087 |
| 2,309 | T32CA122061 | 2T32CA122061-17   | WAKE FOREST UNIVERSITY HEALTH SCIENCES | Cancer Prevention And Control Training Grant (CAPACITY)  | FOLEY, KRISTIE L           | Awarded. Non-fellowships only | 2019/08/01 | 2029/08/31 | \$432,156   | \$432,156   | \$80,998    | \$432,156 |
| 2,310 | F31AG084268 | 5F31AG084268-02   | UNIVERSITY OF CALIFORNIA-IRVINE        | Investigating HDAC3 phosphorylation as an epigenetic regulator of memory formation in the adult and aging brain  | RODRIGUEZ, ALYSSA CRYSTAL  | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$89,045    | \$89,045    | \$75,744    | \$45,518  |
| 2,311 | F30AI174686 | 5F30AI174686-03   | UNIVERSITY OF IOWA                     | Determining Tropism and Mechanisms of Ebola Virus Entry in Placental Tissues   | VAN ERT, HANORA ANNE MARIE | Awarded. Fellowships only     | 2022/11/15 | 2025/07/14 | \$125,670   | \$125,670   | \$84,601    | \$46,106  |
| 2,312 | F31AA031427 | 5F31AA031427-02   | DREXEL UNIVERSITY                      | Receptor variant-based changes in the role of PACAP in the nucleus accumbens during the transition to ethanol dependence   | CARPENTER, BRODY ALLEN     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$75,655    | \$48,974  |
| 2,313 | F31MH135686 | 5F31MH135686-02   | UNIVERSITY OF OREGON                   | Understanding Changes in Hippocampal Representations by Measuring Memories with Natural Language Processing  | BABU, ANISHA               | Awarded. Fellowships only     | 2023/09/16 | 2026/09/15 | \$95,736    | \$95,736    | \$68,594    | \$48,735  |
| 2,314 | F31MH135638 | 5F31MH135638-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO    | Identifying Effective Organizational Climate Embedding Mechanisms for Autism Interventions   | RANGEL, ELIZABETH          | Awarded. Fellowships only     | 2023/09/06 | 2025/09/05 | \$82,110    | \$82,110    | \$67,434    | \$41,695  |
| 2,315 | F31AG084330 | 5F31AG084330-02   | COLORADO STATE UNIVERSITY              | Role of ADAR1 and dsRNA in age-related neuroinflammation and Alzheimers disease  | MCENTEE, CALI MADISON      | Awarded. Fellowships only     | 2023/08/17 | 2026/07/16 | \$81,333    | \$81,333    | \$68,872    | \$41,627  |
| 2,316 | T32AI007524 | 2T32AI007524-26A1 | UNIVERSITY OF MARYLAND BALTIMORE       | Fellowship Training Program in Vaccinology   | SZTEIN, MARCELO B          | Awarded. Non-fellowships only | 1997/07/01 | 2029/06/30 | \$370,881   | \$370,881   | \$212,392   | \$370,881 |
| 2,317 | T32CA009686 | 2T32CA009686-28   | GEORGETOWN UNIVERSITY                  | Training Grant In Tumor Biology  | YI, CHUNLING               | Awarded. Non-fellowships only | 1996/07/01 | 2029/08/31 | \$332,856   | \$332,856   | \$144,597   | \$332,856 |
| 2,318 | T32CA009461 | 2T32CA009461-41   | SLOAN-KETTERING INST CAN RESEARCH      | Psychosocial Palliative and Community Research in Cancer   | HAY, JENNIFER L            | Awarded. Non-fellowships only | 1984/05/01 | 2029/08/31 | \$41,434    | \$41,434    | \$31,234    | \$41,434  |
| 2,319 | TL1DK136048 | 3TL1DK136048-03S1 | ALBERT EINSTEIN COLLEGE OF MEDICINE    | New York Consortium for Interdisciplinary Training in Kidney, Urological and Hematological Research (NYC Train KUHR)   | KASKEL, FREDERICK JEFFREY  | Awarded. Non-fellowships only | 2022/09/15 | 2027/06/30 | \$2,315,392 | \$2,315,392 | \$1,630,562 | \$55,692  |

|       |             |                 |   |   |                          |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,320 | F32GM149135 | 5F32GM149135-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Causal mechanisms of anesthetic induction and emergence in human cortical organoids   | TOKER, DANIEL            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$150,684   | \$150,684   | \$107,578   | \$78,892  |
| 2,321 | T32MD019800 | 1T32MD019800-01 | SAN DIEGO STATE UNIVERSITY              | ALIADOS: Advanced training in Latino multi-level Intervention reseArch for DOctoral Scholars  | CRESPO, NOE CUAUHEMOC    | Awarded. Non-fellowships only | 2024/08/26 | 2029/05/31 | \$240,085   | \$240,085   | \$0         | \$240,085 |
| 2,322 | F31DA058381 | 5F31DA058381-02 | UNIVERSITY OF WASHINGTON                | Determining the function of TRPC6 channels in a subpopulation of VTA dopamine neurons   | BERNSTEIN, MOLLIE XIAOQI | Awarded. Fellowships only     | 2023/09/16 | 2025/08/15 | \$89,430    | \$89,430    | \$84,974    | \$45,355  |
| 2,323 | F32HG013282 | 5F32HG013282-02 | UNIVERSITY OF WASHINGTON                | Mutational scanning of seizure-related gene para in fruit flies   | OI, CURRAN               | Awarded. Fellowships only     | 2023/09/01 | 2026/12/30 | \$146,256   | \$146,256   | \$90,161    | \$76,756  |
| 2,324 | T32CA225590 | 5T32CA225590-07 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | Training in Pediatric Cancer Survivorship Outcomes and Interventions  | KRULL, KEVIN R           | Awarded. Non-fellowships only | 2018/04/01 | 2028/08/31 | \$506,996   | \$506,996   | \$391,144   | \$292,915 |
| 2,325 | F32AG079659 | 5F32AG079659-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Investigating the regulation of lipid homeostasis and lysosomal function in neurodegenerative disease by prosaposin and progranulin in C. elegans | HODUL, MOLLY             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$150,684   | \$150,684   | \$118,624   | \$78,892  |
| 2,326 | T32CA293959 | 1T32CA293959-01 | UNIVERSITY OF SOUTHERN CALIFORNIA       | ADVANCE Cancer Health Disparities Research (CHDR) Training Program  | STERN, MARIANA C         | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$221,904   | \$221,904   | \$90,444    | \$221,904 |
| 2,327 | F31NS129326 | 5F31NS129326-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Evaluation of Mitochondrial Cardiolipin Modification in Neonatal Hypoxia/Ischemia Encephalopathy  | EMAUS, KATLYNN JOY       | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$83,551    | \$83,551    | \$83,551    | \$42,743  |
| 2,328 | F30CA278316 | 5F30CA278316-02 | BAYLOR COLLEGE OF MEDICINE              | Novel Triple-Negative Breast cancer vulnerability governed by PNPT1-mediated RNA decay  | YANG, ANDREW             | Awarded. Fellowships only     | 2023/08/01 | 2027/04/30 | \$98,362    | \$98,362    | \$82,488    | \$49,821  |
| 2,329 | F31CA281194 | 5F31CA281194-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Hypoxic regulation of macrophage migration and function via fibroblast reprogramming in pancreatic cancer   | HANNIFIN, SEAN MATTHEW   | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$82,908    | \$82,908    | \$82,908    | \$42,094  |
| 2,330 | F31ES035633 | 5F31ES035633-02 | RUTGERS BIOMEDICAL AND HEALTH SCIENCES  | Creating Pb Risk Mitigation Using Source Apportionment in an EJ Community   | STRATTON, SEAN           | Awarded. Fellowships only     | 2023/09/15 | 2028/09/14 | \$73,914    | \$73,914    | \$65,515    | \$37,597  |
| 2,331 | F31CA275272 | 5F31CA275272-02 | UNIVERSITY OF COLORADO DENVER           | Human-centered design of clinical AI to support the diagnosis of pediatric suprasellar tumors   | PRINCE, ERIC W           | Awarded. Fellowships only     | 2023/07/03 | 2026/07/02 | \$73,868    | \$73,868    | \$62,842    | \$37,574  |
| 2,332 | F31EY035171 | 5F31EY035171-02 | INDIANA UNIVERSITY INDIANAPOLIS         | Ref-1 in Retinal Neovascularization   | HARTMAN, GABRIELLA       | Awarded. Fellowships only     | 2023/06/14 | 2026/06/13 | \$69,288    | \$69,288    | \$52,684    | \$33,244  |
| 2,333 | F32DA060070 | 5F32DA060070-02 | OREGON HEALTH & SCIENCE UNIVERSITY      | mPFC Regulation of VTA Dopamine and GABA Neuronal Activity During Flexible Updating of Appetitive and Aversive Associations                       | LEFNER, MERRIDEE JUSTICE | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$143,364   | \$143,364   | \$79,635    | \$74,284  |
| 2,334 | F31NS130894 | 5F31NS130894-02 | WEILL MEDICAL COLL OF CORNELL UNIV      | Leveraging the genetics and biochemistry of UNC-13 to uncover mechanisms driving neurotransmitter secretion                                       | SHAHANOOR, ZIASMIN       | Awarded. Fellowships only     | 2023/08/17 | 2025/11/16 | \$96,668    | \$96,668    | \$86,020    | \$48,974  |
| 2,335 | TL1TR002371 | 5TL1TR002371-08 | OREGON HEALTH & SCIENCE UNIVERSITY      | NRSA Training Core  | FRYER, ALLISON DEBORAH   | Awarded. Non-fellowships only | 2017/09/02 | 2027/07/31 | \$2,138,416 | \$2,138,416 | \$1,636,985 | \$519,594 |
| 2,336 | F31LM013842 | 5F31LM013842-04 | UNIVERSITY OF WASHINGTON                | Co-designing a Technology-based Health Research Results Dissemination Tool with AIAN People   | DIRKS, LISA GRACE        | Awarded. Fellowships only     | 2021/09/16 | 2025/09/15 | \$171,340   | \$171,340   | \$169,580   | \$45,129  |
| 2,337 | F30HD107927 | 5F30HD107927-03 | UNIVERSITY OF CINCINNATI                | Integrated Electrochemical Aptamer Based Platforms for the Point-of-Care and Continuous Monitoring of Clinically Relevant Analytes                | WATKINS, ZACHARY L       | Awarded. Fellowships only     | 2022/09/06 | 2026/08/31 | \$133,665   | \$133,665   | \$72,819    | \$53,158  |
| 2,338 | F31CA275290 | 5F31CA275290-03 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | MEK PATHWAY INHIBITION COMBINED WITH 5-AMINOLEVULINIC ACID-PHOTODYNAMIC THERAPY FOR THE TREATMENT OF DIFFUSE MIDLINE GLIOMA                       | PRICE, GABRIELLE ALEXIA  | Awarded. Fellowships only     | 2022/09/26 | 2026/09/25 | \$146,660   | \$146,660   | \$99,654    | \$53,974  |
| 2,339 | T32GM112596 | 5T32GM112596-10 | UNIVERSITY OF PENNSYLVANIA              | Physician Postdoctoral Research Training in Perioperative Medicine (PPRTPM)   | KELZ, MAX                | Awarded. Non-fellowships only | 2015/07/01 | 2025/06/30 | \$1,522,919 | \$1,522,919 | \$931,932   | \$1       |
| 2,340 | F30DK130564 | 5F30DK130564-04 | HARVARD MEDICAL SCHOOL                  | Controlled release of RNA-targeting therapy to promote healing of diabetic ulcers   | BERGER, ADAM G           | Awarded. Fellowships only     | 2021/09/01 | 2026/08/31 | \$209,456   | \$209,456   | \$198,138   | \$53,974  |



|       |             |                 |  |  |                                |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--|--|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,341 | T32TR004543 | 5T32TR004543-02 | OHIO STATE UNIVERSITY                    | CTSA Predoctoral T32 at the Ohio State University  | BUMGARDNER, GINNY L            | Awarded. Non-fellowships only | 2023/08/22 | 2028/07/31 | \$601,503   | \$601,503   | \$355,141   | \$307,674 |
| 2,342 | F30DE031501 | 5F30DE031501-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Cellular Basis of Incisor Asymmetry  | HAQUE, AMEERA SAMAHAR          | Awarded. Fellowships only     | 2022/09/01 | 2027/08/31 | \$152,457   | \$152,457   | \$134,661   | \$54,774  |
| 2,343 | T32HG000035 | 5T32HG000035-30 | UNIVERSITY OF WASHINGTON                 | Interdisciplinary Training in Genome Sciences  | TRAPNELL, BRUCE COLSTON        | Awarded. Non-fellowships only | 1995/08/01 | 2025/08/31 | \$4,212,221 | \$4,212,221 | \$3,829,929 | \$878,725 |
| 2,344 | F31ES035614 | 5F31ES035614-02 | UNIVERSITY OF ROCHESTER                  | NIH Plunk The Effects of Gestational and Lactational Exposure to Perfluorohexanoic Acid on Cerebellum Development in the Mouse | PLUNK, ELIZABETH CATE          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$77,031    | \$48,974  |
| 2,345 | F31HD111279 | 5F31HD111279-02 | UNIVERSITY OF HAWAII AT MANOA            | Identifying the Molecular Function of the Y-linked Mouse Zinc Finger Proteins ZFY1 and ZFY2                                    | HOLMLUND, HAYDEN ROBERT        | Awarded. Fellowships only     | 2023/08/04 | 2026/08/03 | \$68,668    | \$68,668    | \$49,622    | \$34,974  |
| 2,346 | T32CA117865 | 5T32CA117865-18 | INDIANA UNIVERSITY INDIANAPOLIS          | Interdisciplinary Training in Cancer Prevention and Control  | CHAMPION, VICTORIA LEE         | Awarded. Non-fellowships only | 2006/09/18 | 2027/08/31 | \$1,047,962 | \$1,047,962 | \$750,748   | \$537,348 |
| 2,347 | F31NS131016 | 5F31NS131016-02 | UNIVERSITY OF CALIFORNIA BERKELEY        | Single-cell Transcriptomic Analysis of Cell Type Plasticity in Barrel Cortex of Normal and Autism Model Mice                   | BUTRUS, SALWAN                 | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$89,573    | \$89,573    | \$43,843    | \$45,730  |
| 2,348 | T32EY007157 | 5T32EY007157-23 | CASE WESTERN RESERVE UNIVERSITY          | CWRU-Visual Sciences Training Program  | VON LINTIG, JOHANNES FRIEDRICH | Awarded. Non-fellowships only | 2000/09/30 | 2027/05/31 | \$236,107   | \$236,107   | \$195,460   | \$51,015  |
| 2,349 | F30EY033201 | 5F30EY033201-04 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Investigating the Role of Nephronectin in Establishing Retinotectal Circuit Specificity  | TSAI, NICOLE Y                 | Awarded. Fellowships only     | 2021/09/13 | 2025/09/12 | \$184,233   | \$184,233   | \$171,245   | \$53,974  |
| 2,350 | T32EB006359 | 5T32EB006359-15 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Translational Research in Biomaterials   | GRINSTAFF, MARK W              | Awarded. Non-fellowships only | 2009/09/01 | 2027/08/31 | \$901,336   | \$901,336   | \$832,291   | \$305,480 |
| 2,351 | T32GM150524 | 5T32GM150524-02 | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Medical Scientist Training Program   | MILEWICZ, DIANNA M             | Awarded. Non-fellowships only | 2023/08/23 | 2028/06/30 | \$1,067,074 | \$1,067,074 | \$881,939   | \$542,949 |
| 2,352 | F31AG084337 | 5F31AG084337-02 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Uncovering the Role of the MS4A Gene Family in Alzheimers Disease  | MUNCH, ALEXANDRA               | Awarded. Fellowships only     | 2023/08/14 | 2026/08/13 | \$93,468    | \$93,468    | \$91,926    | \$47,374  |
| 2,353 | F31LM014204 | 5F31LM014204-02 | UNIVERSITY OF NOTRE DAME                 | Development & application of computational methods for the study of protein dynamics with PmHMGR as a model system             | FARRUGIA, MIKAELA              | Awarded. Fellowships only     | 2023/08/25 | 2025/08/24 | \$96,668    | \$96,668    | \$74,701    | \$48,974  |
| 2,354 | T32CA140044 | 5T32CA140044-15 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Proteogenomics of Cancer Training Program  | SARTOR, MAUREEN AGNES          | Awarded. Non-fellowships only | 2010/05/01 | 2025/07/31 | \$1,744,132 | \$1,744,132 | \$1,744,132 | \$370,831 |
| 2,355 | F31CA281345 | 5F31CA281345-02 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | The role of tumor cell-of-origin-specific PDL1 on tumorigenesis and tumor progression  | ONTIVEROS, CARLOS OSCAR        | Awarded. Fellowships only     | 2023/08/03 | 2027/08/02 | \$76,742    | \$76,742    | \$58,404    | \$39,011  |
| 2,356 | F32DC021634 | 5F32DC021634-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Neuroimmune interactions for laryngeal sensorimotor neuropathy in postviral influenza infection                                | FOOTE, ALEXANDER G             | Awarded. Fellowships only     | 2023/08/21 | 2026/08/20 | \$143,364   | \$143,364   | \$118,137   | \$74,284  |
| 2,357 | F31MD018934 | 5F31MD018934-02 | VIRGINIA COMMONWEALTH UNIVERSITY         | A Physiological Approach to Examining the Role of Racial Coping on Mental Health Among Black Adolescents                       | DAVIS, RACHEL J                | Awarded. Fellowships only     | 2023/08/25 | 2025/07/31 | \$102,168   | \$102,168   | \$77,252    | \$51,974  |
| 2,358 | F31CA284859 | 5F31CA284859-02 | JOHNS HOPKINS UNIVERSITY                 | Tri-Signal Artificial Antigen Presenting Cells for Cancer Immunotherapy  | SHANNON, SYDNEY ROSE           | Awarded. Fellowships only     | 2023/09/01 | 2026/02/28 | \$96,668    | \$96,668    | \$68,659    | \$48,974  |
| 2,359 | T32MH096724 | 5T32MH096724-12 | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Global Mental Health (GMH) Research Fellowship: Interventions that Make a Difference   | WAINBERG, MILTON L             | Awarded. Non-fellowships only | 2012/08/21 | 2028/07/31 | \$809,113   | \$809,113   | \$252,012   | \$443,114 |
| 2,360 | T32CA193145 | 5T32CA193145-09 | JOHNS HOPKINS UNIVERSITY                 | Opportunities for Pathology Trainees in Cancer Research  | LOTAN, TAMARA LEVIN            | Awarded. Non-fellowships only | 2015/09/21 | 2026/08/31 | \$1,075,997 | \$1,075,997 | \$864,734   | \$367,850 |
| 2,361 | T32MH019836 | 5T32MH019836-24 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Postdoctoral Training Program in Stress and Trauma   | SLOAN, DENISE M                | Awarded. Non-fellowships only | 1996/08/01 | 2026/07/31 | \$936,569   | \$936,569   | \$920,696   | \$215,443 |
| 2,362 | F31AA031168 | 5F31AA031168-02 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | The role of lncRNA Gas5 in Glucocorticoid-Mediated Ethanol Dependence Phenotypes   | RICE, RACHEL                   | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$83,763    | \$48,974  |

|       |             |                   |   |   |                           |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,363 | F30CA250451 | 5F30CA250451-05   | CORNELL UNIVERSITY                      | Elucidating the tumor suppressive effects of the sirtuin, SIRT1, in triple-negative breast cancer                                       | MULLMANN, JAMES           | Awarded. Fellowships only     | 2020/09/05 | 2025/09/04 | \$234,416   | \$234,416   | \$217,956   | \$53,974  |
| 2,364 | T32AI007520 | 2T32AI007520-26   | UT SOUTHWESTERN MEDICAL CENTER          | Molecular Microbiology Training Grant   | PFEIFFER, JULIE K         | Awarded. Non-fellowships only | 1997/09/30 | 2029/08/31 | \$368,225   | \$368,225   | \$182,987   | \$368,225 |
| 2,365 | T35DK126628 | 5T35DK126628-04   | NORTHWESTERN UNIVERSITY AT CHICAGO      | The Northwestern Summer Research Program for Medical Students   | LADNER, DANIELA P         | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$214,967   | \$214,967   | \$146,581   | \$31,751  |
| 2,366 | F31GM148021 | 5F31GM148021-03   | VANDERBILT UNIVERSITY                   | Basement membrane repair dynamics in the Drosophila midgut  | STRICKER, AUBRIE          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$99,174    | \$99,174    | \$85,728    | \$34,243  |
| 2,367 | F31EY033216 | 5F31EY033216-04   | UNIVERSITY OF HOUSTON                   | The differential behavior of Prph2/Rom1 in rods and cone contributes to Prph2-associated disease heterogeneity                          | IKELLE, LARISSA           | Awarded. Fellowships only     | 2021/09/28 | 2026/09/27 | \$164,688   | \$164,688   | \$143,593   | \$42,782  |
| 2,368 | T32CA193193 | 5T32CA193193-10   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Behavioral and Psychosocial Research Training in Cancer Prevention and Control  | CELLA, DAVID              | Awarded. Non-fellowships only | 2015/09/23 | 2025/08/31 | \$1,855,177 | \$1,855,177 | \$1,655,839 | \$345,037 |
| 2,369 | F32HD108935 | 5F32HD108935-03   | YALE UNIVERSITY                         | Modeling gene regulatory mechanisms contributing to the evolution of the human cerebral cortex  | BAUMGARTNER, MARY         | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$224,938   | \$224,938   | \$184,386   | \$81,364  |
| 2,370 | T32AG074934 | 5T32AG074934-04   | INDIANA UNIVERSITY INDIANAPOLIS         | Training the Next Generation of Social and Behavioral Physician-Scientists in ADRD: The Indiana ADRD Medical Scientist Training Program | FOWLER, NICOLE R          | Awarded. Non-fellowships only | 2021/09/30 | 2026/09/29 | \$715,280   | \$715,280   | \$380,676   | \$194,928 |
| 2,371 | T32HG000044 | 5T32HG000044-28   | STANFORD UNIVERSITY                     | Institutional Training Grant in Genome Science  | SNYDER, MICHAEL P         | Awarded. Non-fellowships only | 1995/09/01 | 2027/08/31 | \$2,780,942 | \$2,780,942 | \$2,585,300 | \$925,711 |
| 2,372 | F31GM149185 | 5F31GM149185-02   | CARNEGIE-MELLON UNIVERSITY              | Mechanisms of repressive interactions between developmental gene regulatory networks  | DOUGLAS, WILLIAM B        | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$96,668    | \$96,668    | \$59,951    | \$48,974  |
| 2,373 | T32AG049688 | 5T32AG049688-10   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Research Training in the Neuroscience of Aging  | HOF, PATRICK R            | Awarded. Non-fellowships only | 2015/09/01 | 2025/08/31 | \$1,540,345 | \$1,540,345 | \$1,312,143 | \$316,332 |
| 2,374 | F31HL170721 | 5F31HL170721-02   | VIRGINIA POLYTECHNIC INST AND ST UNIV   | The role of endothelial connexins in vascular wound repair  | SEDOVY, MEGHAN W          | Awarded. Fellowships only     | 2023/08/10 | 2026/02/09 | \$86,282    | \$86,282    | \$73,795    | \$43,781  |
| 2,375 | F31CA295016 | 1F31CA295016-01   | UNIVERSITY OF ILLINOIS AT CHICAGO       | Cognition, Vascular Function, and Physical Activity in Colorectal Cancer Survivors  | DEJONGE, SYDNEY RAE       | Awarded. Fellowships only     | 2024/07/19 | 2026/07/18 | \$45,142    | \$45,142    | \$36,663    | \$45,142  |
| 2,376 | F31HL165680 | 5F31HL165680-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Determining the role of Rac1 palmitoylation in cardiac hypertrophy and oxidative stress   | TEUBER, JAMES PATRICK     | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$121,780   | \$121,780   | \$119,989   | \$41,334  |
| 2,377 | F31ES035618 | 5F31ES035618-02   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Time series clustering to identify and translate time-varying multipollutant exposures for health studies                               | MARIAN, BRITTNEY          | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$96,668    | \$96,668    | \$53,406    | \$48,974  |
| 2,378 | F30HL168851 | 5F30HL168851-02   | UNIVERSITY OF MARYLAND BALTIMORE        | A Role for the Orphan Receptor, GPR37, in Estradiol-induced Changes in Sleep-Wake States  | KRUK, KATIE               | Awarded. Fellowships only     | 2023/08/30 | 2026/08/29 | \$90,205    | \$90,205    | \$62,558    | \$49,986  |
| 2,379 | F31NS139679 | 1F31NS139679-01   | STANFORD UNIVERSITY                     | Neural dynamics of freely-moving, naturalistic behavior   | JUN, ELIZABETH            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$25,346    | \$48,974  |
| 2,380 | F31NS135634 | 1F31NS135634-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Investigating mechanisms of NPC1 proteostasis in human neurons  | AZARIA, RUTH D            | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$41,925    | \$41,925    | \$39,980    | \$41,925  |
| 2,381 | F30EY033642 | 5F30EY033642-04   | UNIVERSITY OF CALIFORNIA-IRVINE         | microRNA-204 and microRNA-211 regulation of RPE phagocytosis  | DU, SAMUEL WANG           | Awarded. Fellowships only     | 2022/01/07 | 2027/01/06 | \$185,861   | \$185,861   | \$150,608   | \$53,974  |
| 2,382 | F31HL170711 | 5F31HL170711-02   | UNIVERSITY OF TENNESSEE HEALTH SCI CTR  | Cholesterol modulation of BK currents and cerebral artery diameter via channel-forming slo1 subunits                                    | SCHNEIDER, ELIZABETH HOPE | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$78,928    | \$78,928    | \$41,338    | \$40,104  |
| 2,383 | F32HL176077 | 1F32HL176077-01   | JOHNS HOPKINS UNIVERSITY                | Identifying Clinical Markers of Right Ventricular Adaptation to Improve Survival Predictions in Pulmonary Arterial Hypertension         | ROSEN, DARIN              | Awarded. Fellowships only     | 2024/09/10 | 2026/09/09 | \$102,932   | \$102,932   | \$69,378    | \$102,932 |
| 2,384 | F32AI176736 | 5F32AI176736-02   | UNIVERSITY OF WASHINGTON                | Identity and Accessibility of Immunostimulatory Viral RNAs During Flavivirus Infection  | GENOYER, EMMANUELLE       | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$155,648   | \$155,648   | \$76,756    | \$78,892  |
| 2,385 | F32GM156012 | 1F32GM156012-01   | HARVARD UNIVERSITY                      | Exploiting unicellular animal relatives to understand the evolution of sensory systems  | COYLE, MAXWELL CLARK      | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$73,408    | \$73,408    | \$52,248    | \$73,408  |

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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|----------|
| 2,386 | F32DK141217 | 1F32DK141217-01   | UNIVERSITY OF PENNSYLVANIA             | Acute Kidney Injury with Immune Checkpoint Inhibitors and Beta-Lactam Antibiotics  | THELEN, HAEDI              | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$83,884    | \$83,884    | \$65,014  | \$83,884 |
| 2,387 | F31HD110102 | 5F31HD110102-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | A role for hypothalamic astrocytes in neural circuits controlling reproduction   | PHILLIPS, CHRYSTIAN DAVID  | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$125,757   | \$125,757   | \$95,727  | \$43,136 |
| 2,388 | F32AI178919 | 5F32AI178919-02   | UNIVERSITY OF ARIZONA                  | Impact of diverse nutrient environment on viral replication and metabolite flow in human cytomegalovirus infection   | MOKRY, REBEKAH L           | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$143,364   | \$143,364   | \$112,987 | \$74,284 |
| 2,389 | F31NS139648 | 1F31NS139648-01   | VIRGINIA POLYTECHNIC INST AND ST UNIV  | Understanding the Molecular Mechanisms of Thermoreceptors  | HUDA, AINUL                | Awarded. Fellowships only     | 2025/01/23 | 2028/01/22 | \$45,503    | \$45,503    | \$11,431  | \$45,503 |
| 2,390 | F31CA294887 | 1F31CA294887-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES   | Aberrant activation of epidermal growth factor receptor signaling drives programming of an immunosuppressive brain tumor microenvironment in glioblastoma        | PIOSO, MARISSA S           | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$44,670    | \$44,670    | \$32,021  | \$44,670 |
| 2,391 | T32HD098066 | 3T32HD098066-05S1 | CHILDREN'S RESEARCH INSTITUTE          | Diversity Supplement: Clinical Pediatric Research Training for the Fetal-Neonatal Brain  | LIMPEROPOULOS, CATHERINE   | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,653,154 | \$1,653,154 | \$999,349 | \$87,321 |
| 2,392 | F30EY033659 | 5F30EY033659-04   | UNIVERSITY OF CALIFORNIA-IRVINE        | Formation of Retinyl-Opsins by Retinyl Formate as Molecular Shades Against Light-Induced Retinal Damage  | HONG, JOHN DONG-HOON       | Awarded. Fellowships only     | 2022/01/24 | 2026/01/23 | \$193,991   | \$193,991   | \$153,859 | \$53,974 |
| 2,393 | F30HL162128 | 5F30HL162128-04   | HARVARD MEDICAL SCHOOL                 | Structure and Function of the VWF Helical Tubule Required for Hemostasis   | ANDERSON, JACOB R          | Awarded. Fellowships only     | 2022/03/01 | 2026/07/31 | \$167,469   | \$167,469   | \$141,574 | \$53,974 |
| 2,394 | F31DK137596 | 1F31DK137596-01A1 | RUTGERS, THE STATE UNIV OF N.J.        | Mechanisms of BMP signaling driving tissue pattern in the intestine  | LOGERFO, ALEXANDRA         | Awarded. Fellowships only     | 2024/07/04 | 2026/07/03 | \$41,882    | \$41,882    | \$29,680  | \$41,882 |
| 2,395 | F31DA060029 | 1F31DA060029-01A1 | RUTGERS BIOMEDICAL AND HEALTH SCIENCES | Exploring the Role of Alternatively Spliced Variants of the Mu Opioid Receptor Gene, Oprm1, in Opioid-Induced Respiratory Depression in Gene Targeted Rat Models | MALIK, AYMA                | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$44,426    | \$44,426    | \$33,246  | \$44,426 |
| 2,396 | F31DA061610 | 1F31DA061610-01   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES | Elucidating How Menstrual Cycle Phase Influences Neurocognitive Processes Underlying Risk-Taking in Women with Opioid Use Disorder                               | LOFARO, FRANCESCA          | Awarded. Fellowships only     | 2024/11/05 | 2027/10/04 | \$47,217    | \$47,217    | \$1,528   | \$47,217 |
| 2,397 | F31NR021344 | 1F31NR021344-01   | UNIVERSITY OF PENNSYLVANIA             | Examining the Impact of Adverse Social Determinants of Health on Infant Feeding Practices among Black Women  | SLATER, COURTNEY N         | Awarded. Fellowships only     | 2024/07/01 | 2025/12/31 | \$48,974    | \$48,974    | \$42,672  | \$48,974 |
| 2,398 | F32DE033617 | 5F32DE033617-02   | STOWERS INSTITUTE FOR MEDICAL RESEARCH | The role of rRNA transcription and ribosome biogenesis in neural crest progenitors and stem cells during embryonic and postnatal craniofacial development        | MAILI, LORENA              | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$152,284   | \$152,284   | \$89,563  | \$79,692 |
| 2,399 | F31AG087647 | 1F31AG087647-01A1 | UNIVERSITY OF FLORIDA                  | Mechanism, connectivity, and outcome prediction of anxiety intervention from MRI-derived models in tDCS augmented cognitive training                             | STOLTE, SKYLAR E           | Awarded. Fellowships only     | 2024/08/16 | 2026/08/15 | \$43,902    | \$43,902    | \$28,790  | \$43,902 |
| 2,400 | F31HG013889 | 1F31HG013889-01   | YALE UNIVERSITY                        | Characterization of adaptive cis-regulatory variation across global populations  | AKERS, JARED FOX           | Awarded. Fellowships only     | 2024/11/01 | 2025/10/31 | \$48,974    | \$48,974    | \$21,495  | \$48,974 |
| 2,401 | F32AI186453 | 1F32AI186453-01   | JOHNS HOPKINS UNIVERSITY               | mTOR activation as a mechanism for sex differences in vaccine-induced immunity   | ST CLAIR, LAURA ATHELLE    | Awarded. Fellowships only     | 2024/12/16 | 2025/12/15 | \$74,764    | \$74,764    | \$26,339  | \$74,764 |
| 2,402 | F30HL175968 | 1F30HL175968-01   | WEILL MEDICAL COLL OF CORNELL UNIV     | Investigating the redox-sensitive E3 ubiquitin ligase Pellino-1 as a driver of T-cell dysfunction during severe lung infection                                   | MERLINSKY, TIFFANY REBECCA | Awarded. Fellowships only     | 2024/08/12 | 2028/08/11 | \$53,974    | \$53,974    | \$43,663  | \$53,974 |
| 2,403 | F31MH138112 | 1F31MH138112-01   | ARIZONA STATE UNIVERSITY-TEMPE CAMPUS  | The Role of Autism Risk Genes in Cognitive and Brain Aging Outcomes of Autistic Adults   | HARKER, SAMANTHA           | Awarded. Fellowships only     | 2025/01/01 | 2028/12/31 | \$48,974    | \$48,974    | \$9,973   | \$48,974 |

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|-------|-------------|-------------------|---|---|----------------------------------|----------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 2,404 | F31EY035945 | 5F31EY035945-02   | UNIVERSITY OF CALIFORNIA<br>BERKELEY        | Leveraging Single-Cell Stimulation to Untangle<br>Parallel Perceptual Pathways in the Human Retina                                      | JOHNSTON, LEAH                   | Awarded. Fellowships only        | 2024/01/01 | 2027/12/31 | \$91,930  | \$91,930  | \$48,312  | \$45,965  |
| 2,405 | F31DC021886 | 5F31DC021886-02   | YALE UNIVERSITY                             | Drosophila Chemosensory Responses to Dead<br>Conspecifics   | SIFF, EMILY JESSICA              | Awarded. Fellowships only        | 2024/02/01 | 2027/01/31 | \$82,924  | \$82,924  | \$49,273  | \$33,950  |
| 2,406 | F31AI176705 | 5F31AI176705-02   | UNIVERSITY OF CALIFORNIA, SAN<br>DIEGO      | Understanding Prostate Resident Memory T Cells  | TAKEHARA, KENNIDY                | Awarded. Fellowships only        | 2024/01/01 | 2026/12/31 | \$83,390  | \$83,390  | \$43,157  | \$41,824  |
| 2,407 | F31AI181082 | 5F31AI181082-02   | DUKE UNIVERSITY                             | Cis-regulatory mechanisms governing RORgt<br>expression in type 3 lymphocytes   | MEHTA, NAREN U                   | Awarded. Fellowships only        | 2024/02/01 | 2027/01/31 | \$97,948  | \$97,948  | \$56,815  | \$48,974  |
| 2,408 | F31HL172615 | 1F31HL172615-01A1 | MEDICAL UNIVERSITY OF SOUTH<br>CAROLINA     | Cardiac troponin i3 kinase in viral myocarditis   | TJEN, KELSEY                     | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 2,409 | F31AI186518 | 1F31AI186518-01   | EMORY UNIVERSITY                            | Intrinsic Ribosomal Decoding Center Methylation<br>and the Bacterial Antibiotic Response  | BARMADA, MOHAMED I               | Awarded. Fellowships only        | 2024/07/11 | 2028/07/10 | \$48,974  | \$48,974  | \$33,154  | \$48,974  |
| 2,410 | F31HL176146 | 1F31HL176146-01   | UNIV OF MARYLAND, COLLEGE<br>PARK           | New biophysical and immunoregulatory<br>mechanisms in neutrophil extracellular trap<br>mediated lung dysfunction in cystic fibrosis     | BOBOLTZ, ALLISON<br>MARGARET     | Awarded. Fellowships only        | 2024/09/16 | 2026/09/15 | \$39,760  | \$39,760  | \$18,126  | \$39,760  |
| 2,411 | F32GM156005 | 1F32GM156005-01   | JOHNS HOPKINS UNIVERSITY                    | Mechanisms of SAGA Regulation by Histone<br>Crosstalk   | FIELDS, JAMES KEMPER             | Awarded. Fellowships only        | 2024/08/01 | 2026/07/31 | \$76,756  | \$76,756  | \$52,881  | \$76,756  |
| 2,412 | F31DK139740 | 1F31DK139740-01A1 | EMORY UNIVERSITY                            | Homeostatic control of intestinal stem cell renewal<br>by two transcriptional coactivators  | PLACENTRA, VICTORIA              | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$23,900  | \$48,974  |
| 2,413 | F30EY034775 | 5F30EY034775-03   | UNIVERSITY OF COLORADO<br>DENVER            | Thalamocortical mechanisms producing spatial<br>chromatic contrast in mouse V1  | SANTIAGO MORENO,<br>JUAN GABRIEL | Awarded. Fellowships only        | 2023/01/01 | 2026/12/31 | \$110,932 | \$110,932 | \$87,204  | \$37,404  |
| 2,414 | F31AG084149 | 5F31AG084149-02   | UNIVERSITY OF TEXAS MED BR<br>GALVESTON     | The Influence of Lifetime Occupational Experience<br>on Cognitive Trajectories Among Mexican Older<br>Adults                            | GUTIERREZ, MARIELA A             | Awarded. Fellowships only        | 2024/01/01 | 2025/12/31 | \$75,049  | \$75,049  | \$45,886  | \$37,666  |
| 2,415 | F31AI184128 | 1F31AI184128-01A1 | UNIV OF MASSACHUSETTS MED SCH<br>WORCESTER  | Characterizing mechanisms by which HIV-infected<br>macrophages neutralize NK cell effector functions<br>to facilitate their persistence | GRASBERGER, PAULA                | Awarded. Fellowships only        | 2024/07/18 | 2027/07/17 | \$36,369  | \$36,369  | \$28,621  | \$36,369  |
| 2,416 | F30HL176032 | 1F30HL176032-01   | TULANE UNIVERSITY OF LOUISIANA              | Overcoming Immunological Barriers to Inhaled AAV<br>Gene Therapy  | CLARK, ROBERT DAVID<br>EDWARD    | Awarded. Fellowships only        | 2024/09/30 | 2029/08/29 | \$53,167  | \$53,167  | \$580     | \$53,167  |
| 2,417 | F31NS135973 | 5F31NS135973-02   | UNIVERSITY OF MICHIGAN AT ANN<br>ARBOR      | Single-cell optical phenotyping for diffuse gliomas<br>using artificial intelligence and label-free<br>microscopy                       | JIANG, CHENG                     | Awarded. Fellowships only        | 2024/01/01 | 2027/06/30 | \$84,198  | \$84,198  | \$64,837  | \$42,099  |
| 2,418 | F30EY033640 | 5F30EY033640-04   | WASHINGTON UNIVERSITY                       | Multiplex functional assay of variant effect in the<br>retinal transcription factor CRX   | SHEPHERDSON, JAMES<br>LEWIS      | Awarded. Fellowships only        | 2022/02/01 | 2026/01/31 | \$177,262 | \$177,262 | \$146,542 | \$56,974  |
| 2,419 | F31NS135948 | 1F31NS135948-01A1 | NEW YORK UNIVERSITY SCHOOL OF<br>MEDICINE   | Functional interrogation of region-specific reactive<br>astrocyte factors in neuroinflammation  | O'DEA, MICHAEL RYAN              | Awarded. Fellowships only        | 2024/07/01 | 2026/06/30 | \$41,906  | \$41,906  | \$34,850  | \$41,906  |
| 2,420 | F31DC021632 | 1F31DC021632-01A1 | UNIVERSITY OF COLORADO<br>DENVER            | Identifying Sox9 as a marker of multipotent<br>progenitors in Circumvallate papilla/Von Ebners<br>gland homeostasis                     | ISNER, TREVOR JOSEPH             | Awarded. Fellowships only        | 2024/09/01 | 2027/08/31 | \$37,659  | \$37,659  | \$22,458  | \$37,659  |
| 2,421 | F31ES036908 | 1F31ES036908-01   | UNIVERSITY OF TEXAS AT AUSTIN               | Identifying neuronal targets and mechanisms of<br>manganese-induced neuromotor disease  | MELKOTE, ASHVINI                 | Awarded. Fellowships only        | 2024/08/16 | 2027/08/15 | \$40,613  | \$40,613  | \$29,576  | \$40,613  |
| 2,422 | F31EY035867 | 5F31EY035867-02   | HARVARD MEDICAL SCHOOL                      | Elucidating Host Responses to AAV Ocular Gene<br>Therapy Vectors  | GARDNER, APOLONIA                | Awarded. Fellowships only        | 2024/02/01 | 2027/01/31 | \$80,121  | \$80,121  | \$53,111  | \$36,918  |
| 2,423 | T32CA285265 | 1T32CA285265-01A1 | OREGON HEALTH & SCIENCE<br>UNIVERSITY       | Experimental Therapeutics in Cancer Training<br>Program   | KUMMAR, SHIVAANI                 | Awarded. Non-fellowships<br>only | 2025/01/15 | 2029/12/31 | \$178,541 | \$178,541 | \$0       | \$178,541 |
| 2,424 | F31GM151889 | 1F31GM151889-01A1 | UNIVERSITY OF OKLAHOMA HLTH<br>SCIENCES CTR | Defining a direct mechanism of ESCO1 in chromatin<br>organization   | SCHOEN, JEFFREY R                | Awarded. Fellowships only        | 2024/07/01 | 2026/06/30 | \$39,419  | \$39,419  | \$20,326  | \$39,419  |
| 2,425 | F30AI157182 | 7F30AI157182-04   | RUTGERS BIOMEDICAL AND HEALTH<br>SCIENCES   | Cell Telomerase Modulation by Human<br>Cytomegalovirus  | CAVANAUGH, CHLOE M               | Awarded. Fellowships only        | 2022/01/01 | 2026/07/11 | \$212,394 | \$212,394 | \$95,754  | \$53,974  |

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|-------|-------------|-------------------|--|---|----------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 2,426 | F30AI186662 | 1F30AI186662-01   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Engineering B cells for enhanced HIV control  | MATHUR, ATISHAY      | Awarded. Fellowships only | 2024/09/01 | 2029/08/31 | \$53,974  | \$53,974  | \$2,880   | \$53,974 |
| 2,427 | F31HD111131 | 5F31HD111131-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Investigating the Role of Seryl-tRNA Synthetase in Mitochondrial Biology and Human Recessive Disease                        | DEL GRECO, CHRISTINA | Awarded. Fellowships only | 2023/09/06 | 2025/09/05 | \$83,374  | \$83,374  | \$81,537  | \$42,555 |
| 2,428 | F32HL172626 | 1F32HL172626-01A1 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Defining the role of Uba1 in bone marrow physiology and inflammation  | SAWAI-FRANTZ, AYANA  | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$79,756  | \$79,756  | \$47,182  | \$79,756 |
| 2,429 | F31DE034311 | 1F31DE034311-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Molecular mechanism of CCDC32 in Cardiofacioureodevelopmental syndrome  | SLOAN, DILLON        | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$37,346  | \$37,346  | \$29,215  | \$37,346 |
| 2,430 | F32HD116506 | 1F32HD116506-01   | UNIVERSITY OF KANSAS MEDICAL CENTER      | Invasive trophoblast cell differentiation   | SPECKHART, SAVANNAH  | Awarded. Fellowships only | 2024/08/12 | 2027/08/11 | \$73,828  | \$73,828  | \$54,878  | \$73,828 |
| 2,431 | F30AG081134 | 5F30AG081134-03   | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | The role of beta-secretase 1 (BACE1) in modulating excitatory synaptic and circuit function and behavior                    | YAO, ANNIE Y         | Awarded. Fellowships only | 2023/02/22 | 2027/02/21 | \$151,164 | \$151,164 | \$100,127 | \$53,974 |
| 2,432 | F31NS136003 | 5F31NS136003-02   | SCRIPPS RESEARCH INSTITUTE, THE          | Investigating the mechanism of decision-making in the mitochondrial Protease YME1   | ALEXANDRESCU, LAUREN | Awarded. Fellowships only | 2024/01/16 | 2026/01/15 | \$71,948  | \$71,948  | \$46,899  | \$35,974 |
| 2,433 | F31NS130915 | 5F31NS130915-03   | HARVARD MEDICAL SCHOOL                   | Molecular Mechanisms of Somatostatin Interneuron Diversity  | LEE, JINOH           | Awarded. Fellowships only | 2023/03/01 | 2026/02/28 | \$112,678 | \$112,678 | \$85,722  | \$34,444 |
| 2,434 | F31HD116541 | 1F31HD116541-01   | EMORY UNIVERSITY                         | Improving Global Measurement of Intimate Partner Violence   | BERGENFELD, IRINA    | Awarded. Fellowships only | 2024/08/05 | 2026/08/04 | \$51,974  | \$51,974  | \$31,143  | \$51,974 |
| 2,435 | F32GM153131 | 5F32GM153131-02   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Non-coding Genomic Determinants of Adipogenesis   | WHITNEY, PETER H     | Awarded. Fellowships only | 2023/12/20 | 2025/12/19 | \$148,112 | \$148,112 | \$102,529 | \$74,284 |
| 2,436 | F31AR084897 | 1F31AR084897-01   | OHIO STATE UNIVERSITY                    | Movement System Resiliency: Understanding Motor Responses to Mechanical Perturbation after ACLR                             | KRONENBERG, JAMIE    | Awarded. Fellowships only | 2024/12/01 | 2025/11/30 | \$44,015  | \$44,015  | \$10,179  | \$44,015 |
| 2,437 | F30HL176083 | 1F30HL176083-01   | UNIVERSITY OF VIRGINIA                   | Molecular regulators of marginal zone B cells in atherosclerosis  | RANSEGNOLA, BRETT    | Awarded. Fellowships only | 2024/09/30 | 2026/09/29 | \$38,198  | \$38,198  | \$20,189  | \$38,198 |
| 2,438 | F31DA061576 | 1F31DA061576-01   | UNIVERSITY OF WASHINGTON                 | Investigating the role of THC in mediating pain signaling in the BLA  | ELLIOFF, KAYLIN      | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$45,685  | \$45,685  | \$35,928  | \$45,685 |
| 2,439 | F32AI186256 | 1F32AI186256-01   | STANFORD UNIVERSITY                      | CXCL13 as an aging-associated defect in memory T cell homeostasis   | BEPPLER, CASEY       | Awarded. Fellowships only | 2024/09/01 | 2027/03/31 | \$74,284  | \$74,284  | \$36,099  | \$74,284 |
| 2,440 | F31AA031881 | 1F31AA031881-01   | GEORGE MASON UNIVERSITY                  | Intensive Longitudinal Associations between Stress, Mindfulness, and Alcohol Use in Highly Stressed Mothers                 | KISNER, MALLORY      | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$37,016  | \$37,016  | \$20,705  | \$37,016 |
| 2,441 | F31NS135995 | 1F31NS135995-01A1 | CINCINNATI CHILDRENS HOSP MED CTR        | Sex dependent effects of prolactin receptor on muscle hypersensitivity following ischemic insult                            | QUIJAS, MERANDA      | Awarded. Fellowships only | 2024/07/12 | 2026/07/11 | \$42,574  | \$42,574  | \$0       | \$42,574 |
| 2,442 | F32HL175973 | 1F32HL175973-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Defining Combined Pulmonary Fibrosis and Emphysema (CPFE) using Quantitative CT Imaging                                     | WANG, JENNIFER MIN   | Awarded. Fellowships only | 2024/09/10 | 2026/07/09 | \$91,694  | \$91,694  | \$51,077  | \$91,694 |
| 2,443 | F32AG090007 | 1F32AG090007-01   | VANDERBILT UNIVERSITY                    | Exploring the consequences of differential immune investment on molecular aging phenotypes in subsistence-level populations | WATOWICH, MARINA     | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$79,459  | \$79,459  | \$38,952  | \$79,459 |
| 2,444 | F32AG072837 | 5F32AG072837-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | The role of astrocytes in the pathogenesis of sporadic tauopathy  | WHITNEY, KRISTEN     | Awarded. Fellowships only | 2022/12/05 | 2025/12/04 | \$231,246 | \$231,246 | \$145,613 | \$77,908 |
| 2,445 | F31AA031910 | 1F31AA031910-01   | UNIVERSITY OF WASHINGTON                 | Implementation of BASICS: Matching Effective Strategies to Address Common Barriers  | METTERT, KAYNE       | Awarded. Fellowships only | 2024/07/16 | 2027/07/15 | \$47,405  | \$47,405  | \$34,580  | \$47,405 |
| 2,446 | F31HL176186 | 1F31HL176186-01   | UNIV OF MARYLAND, COLLEGE PARK           | Import of double-stranded RNA and cholesterol into cells in C. elegans  | LOWERS, VICTORIA     | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$42,547  | \$42,547  | \$13,550  | \$42,547 |
| 2,447 | F31HL176054 | 1F31HL176054-01   | RESEARCH INST NATIONWIDE CHILDREN'S HOSP | Elucidating the cellular and molecular basis of LYST-mediated TEVG stenosis   | TURNER, MACKENZIE    | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$44,667  | \$44,667  | \$4,497   | \$44,667 |

|       |             |                   |   |  |                               |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|---|--|-------------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 2,448 | F31CA288000 | 1F31CA288000-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Understanding the role of altered lipid metabolism in CD8 T cell exhaustion within the tumor microenvironment  | SPAHR, KELLIE                 | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974  | \$48,974  | \$40,646  | \$48,974  |
| 2,449 | F31DE033614 | 1F31DE033614-01A1 | UNIVERSITY OF COLORADO DENVER           | Development of deep learning methods to optimize patient personalized treatment for craniosynostosis   | ELKHILL, CONNOR               | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$37,721  | \$37,721  | \$31,083  | \$37,721  |
| 2,450 | F32GM155990 | 1F32GM155990-01   | STANFORD UNIVERSITY                     | Examining the conditionality and time dynamics of evolutionary constraint in yeast   | VISHER, ELISA                 | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$73,828  | \$73,828  | \$42,768  | \$73,828  |
| 2,451 | F31HL172636 | 1F31HL172636-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Type 1-2 immune cross-regulation in the lung   | CARYOTAKIS, SOFIA             | Awarded. Fellowships only     | 2024/09/13 | 2026/09/12 | \$45,909  | \$45,909  | \$36,936  | \$45,909  |
| 2,452 | F32CA284882 | 1F32CA284882-01A1 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | What is the mechanism by which a gene essential for Rhabdoid tumor viability regulates Chromatin function?   | COCKFIELD, JORDAN A           | Awarded. Fellowships only     | 2024/07/15 | 2027/07/14 | \$74,284  | \$74,284  | \$51,503  | \$74,284  |
| 2,453 | F32NS133029 | 5F32NS133029-02   | BOSTON CHILDREN'S HOSPITAL              | Investigating the Role of Somatic Mutations in Neurofibromatosis Brain   | SNELLINGS, DANIEL             | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$144,364 | \$144,364 | \$124,280 | \$74,284  |
| 2,454 | F31GM155957 | 1F31GM155957-01   | UNIVERSITY OF COLORADO DENVER           | High-throughput experimental and computational identification of RNA elements that regulate trafficking to midbodies   | VAETH, KATHERINE F            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$37,912  | \$37,912  | \$19,656  | \$37,912  |
| 2,455 | F32DK138685 | 1F32DK138685-01A1 | BAYLOR COLLEGE OF MEDICINE              | PERIFORNICAL AREA OF THE ANTERIOR HYPOTHALAMUS REGULATES METABOLIC BALANCE   | FANG, XING                    | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$81,892  | \$81,892  | \$49,669  | \$81,892  |
| 2,456 | F32GM151793 | 5F32GM151793-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Development of a Biocatalytic Toolbox for the Synthesis of Small-Molecule Mimics of cyclic GMPAMP  | MEYER, COLE CHRISTIAN         | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$142,512 | \$142,512 | \$123,179 | \$73,828  |
| 2,457 | F31AR082282 | 5F31AR082282-03   | UNIVERSITY OF PENNSYLVANIA              | Defining the Role of Type III Collagen in Neonatal Tendon Development and Healing  | TAMBURRO, MARGARET KATHRYN    | Awarded. Fellowships only     | 2022/12/07 | 2025/12/06 | \$133,404 | \$133,404 | \$112,785 | \$36,736  |
| 2,458 | F31NR021329 | 1F31NR021329-01   | DUKE UNIVERSITY                         | Exploring Grief Through Social Determinants of Health Mechanisms Among Latinx Families in the US Who Are Living Through the Loss of a Child to Cancer: A Mixed Methods Study | BUZELLI, PATRICIA G           | Awarded. Fellowships only     | 2024/08/01 | 2026/09/30 | \$48,974  | \$48,974  | \$38,918  | \$48,974  |
| 2,459 | F31HD111295 | 5F31HD111295-02   | COLUMBIA UNIVERSITY TEACHERS COLLEGE    | Parent-adolescent informant discrepancies: Predicting suicide risk and treatment outcomes  | SPEARS, ANGELA PAGE           | Awarded. Fellowships only     | 2024/01/01 | 2027/01/01 | \$82,588  | \$82,588  | \$41,294  | \$41,294  |
| 2,460 | F31CA295034 | 1F31CA295034-01   | BAYLOR COLLEGE OF MEDICINE              | Hp1bp3 oversees chromatin remodeling to slow tumor growth in high grade glioma   | LOZZI, BRITTNEY               | Awarded. Fellowships only     | 2024/07/09 | 2026/07/08 | \$48,974  | \$48,974  | \$36,617  | \$48,974  |
| 2,461 | F31AG082485 | 5F31AG082485-02   | UNIVERSITY OF CALIFORNIA-IRVINE         | Neuropathological and spatial transcriptome brain maps in Octodon degus, a natural Alzheimers disease rodent model   | GARDUNO, BERNARDO MAXIMILIANO | Awarded. Fellowships only     | 2023/12/01 | 2027/11/30 | \$90,209  | \$90,209  | \$65,155  | \$45,458  |
| 2,462 | T32TR004764 | 5T32TR004764-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | CTSA Postdoctoral T32 at the University of Michigan  | HARTE, STEVEN EDWARD          | Awarded. Non-fellowships only | 2023/12/01 | 2028/11/30 | \$895,152 | \$895,152 | \$446,236 | \$448,418 |
| 2,463 | F31AA031883 | 1F31AA031883-01   | SAN DIEGO STATE UNIVERSITY              | Exploring Risk and Resilience Factors in Families of Children with FASD: A Mixed Methods Approach  | FELICICCHIA, RILEY JORDAN     | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$39,125  | \$39,125  | \$28,328  | \$39,125  |
| 2,464 | F30DK134124 | 5F30DK134124-03   | SAINT LOUIS UNIVERSITY                  | Defining Inflammatory Triggers that Induce Diverse Subtypes of Gastric Metaplasia  | HOFT, STELLA GARDEN           | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$160,642 | \$160,642 | \$89,566  | \$53,974  |
| 2,465 | F30AG086007 | 1F30AG086007-01A1 | UNIVERSITY OF ILLINOIS AT CHICAGO       | The Role of PICALM in Regulating Neurogenesis in Alzheimers Disease  | APONTE-COFRESI, LUIS ALBERTO  | Awarded. Fellowships only     | 2024/08/16 | 2027/08/15 | \$53,974  | \$53,974  | \$44,390  | \$53,974  |
| 2,466 | F31AI186217 | 1F31AI186217-01   | HARVARD MEDICAL SCHOOL                  | Regulation of B cell receptor avidity to organize antigen recognition  | ROSADO, VICTORIA CELINE       | Awarded. Fellowships only     | 2024/09/30 | 2025/09/29 | \$43,456  | \$43,456  | \$31,696  | \$43,456  |
| 2,467 | F30DE030358 | 5F30DE030358-04   | OHIO STATE UNIVERSITY                   | Functional domains of bone sialoprotein in dentoalveolar development and healing   | CHAVEZ, MICHAEL B             | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$197,956 | \$197,956 | \$179,498 | \$57,774  |



|       |             |                   |   |  |                             |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|---|--|-----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 2,468 | F31NS139434 | 1F31NS139434-01   | CASE WESTERN RESERVE UNIVERSITY         | Hematopoietic stem cell dysfunction in traumatic brain injury and Alzheimers disease                                     | CORELLA, SOFIA              | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$53,974  | \$53,974  | \$18,940  | \$53,974  |
| 2,469 | T32HL155007 | 5T32HL155007-05   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | UAB Cardiovascular Disease Predoctoral Training Program in Biostatistics and Epidemiology                                | TIWARI, HEMANT K            | Awarded. Non-fellowships only | 2020/12/01 | 2025/11/30 | \$790,531 | \$790,531 | \$351,113 | \$143,965 |
| 2,470 | F32HL175915 | 1F32HL175915-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Epigenetic signatures driving metaplastic repair mechanisms in human alveolar type II cells                              | IANTORNO, STEFANO AZELIO    | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$84,364  | \$84,364  | \$23,805  | \$84,364  |
| 2,471 | F31AI181528 | 1F31AI181528-01A1 | UNIVERSITY OF MINNESOTA                 | Assessing the role of SP140 in enhanced resistance to Cryptococcus neoformans  | BETANCOURT, JOVANY JORDAN   | Awarded. Fellowships only     | 2024/08/15 | 2025/08/14 | \$46,478  | \$46,478  | \$34,889  | \$46,478  |
| 2,472 | F31HL176117 | 1F31HL176117-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Dissecting the role of vascular endothelial BMP9 signaling in lung transplantation                                       | GILL, BLAKE                 | Awarded. Fellowships only     | 2025/02/06 | 2027/02/05 | \$44,187  | \$44,187  | \$0       | \$44,187  |
| 2,473 | F31HL175888 | 1F31HL175888-01   | STANFORD UNIVERSITY                     | Liposome-crosslinked hyaluronic acid hydrogels with localized protein delivery for myocardial infarction therapy         | BAUGH, NEIL                 | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$42,819  | \$42,819  | \$21,342  | \$42,819  |
| 2,474 | F31AG089911 | 1F31AG089911-01   | UNIVERSITY OF VIRGINIA                  | Exploring the Role of Microglia SYK Signaling in Tauopathy   | JOHNSON, ALEXIS MARIE       | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$38,001  | \$38,001  | \$23,251  | \$38,001  |
| 2,475 | F30DE033606 | 1F30DE033606-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Local Delivery of CCL2 to Reverse Peri-implant Bone Loss in Murine Peri-implantitis                                      | CHO, YEJIN                  | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$54,774  | \$54,774  | \$34,690  | \$54,774  |
| 2,476 | F31HL176187 | 1F31HL176187-01   | UT SOUTHWESTERN MEDICAL CENTER          | Structural and biophysical investigation of Scap regulation by cholesterol   | WILLIAMS, BLAKE CHRISTOPHER | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$40,127  | \$40,127  | \$0       | \$40,127  |
| 2,477 | F31HL172642 | 1F31HL172642-01A1 | UNIVERSITY OF CONNECTICUT STORRS        | Enhanced central chemoreception contributes to breathing problems in hypertension  | JOLLY, MICHAEL ALLEN        | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$48,713  | \$48,713  | \$39,823  | \$48,713  |
| 2,478 | F32GM150259 | 5F32GM150259-02   | UNIVERSITY OF UTAH                      | A systems biology approach to elucidating mechanisms underlying amino acid toxicities                                    | JACOBS, KYLIE               | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$146,256 | \$146,256 | \$133,281 | \$76,756  |
| 2,479 | F30CA268910 | 5F30CA268910-04   | DUKE UNIVERSITY                         | Dissecting the Role of Radiation in Regulation of MHC-I and Neoantigen Presentation                                      | SU, CHANG                   | Awarded. Fellowships only     | 2021/12/02 | 2025/12/01 | \$174,729 | \$174,729 | \$153,839 | \$53,974  |
| 2,480 | F30AI157421 | 5F30AI157421-04   | CINCINNATI CHILDRENS HOSP MED CTR       | Silencer Control of T cell Homeostasis   | STEFAN, KURTIS              | Awarded. Fellowships only     | 2021/11/19 | 2025/10/31 | \$187,482 | \$187,482 | \$114,887 | \$53,974  |
| 2,481 | F31NS130989 | 5F31NS130989-03   | UNIVERSITY OF PENNSYLVANIA              | Exploring corticostriatal dynamics associated with action control deficits in Neurexin1 alpha mutant mice                | FERRIGNO, SARAH             | Awarded. Fellowships only     | 2023/01/04 | 2025/11/03 | \$128,700 | \$128,700 | \$104,227 | \$32,032  |
| 2,482 | F31NS130940 | 5F31NS130940-03   | UNIVERSITY OF COLORADO DENVER           | Meninges Specification and Cellular Crosstalk to the Developing Brain  | COMO, CHRISTINA N           | Awarded. Fellowships only     | 2022/12/07 | 2025/10/06 | \$114,726 | \$114,726 | \$78,858  | \$35,748  |
| 2,483 | F30AA031632 | 1F30AA031632-01A1 | LSU HEALTH SCIENCES CENTER              | TRAF3IP2 as a Proinflammatory Mediator of Alcohol-related Cardiomyopathy   | HARRIS, NICHOLAS R          | Awarded. Fellowships only     | 2024/08/01 | 2028/07/31 | \$40,827  | \$40,827  | \$25,088  | \$40,827  |
| 2,484 | T35AI078878 | 5T35AI078878-15   | UNIVERSITY OF TEXAS MED BR GALVESTON    | Infectious Diseases and Inflammatory Disorders Training Program  | WANG, TIAN                  | Awarded. Non-fellowships only | 2008/06/01 | 2026/01/31 | \$297,758 | \$297,758 | \$201,361 | \$57,405  |
| 2,485 | F31NS141554 | 1F31NS141554-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | POISEN: A Bioinformatics Pipeline to Identify Poison Exons in Neurodevelopment   | BROAD, MIA SUZANNE          | Awarded. Fellowships only     | 2025/02/11 | 2028/12/31 | \$39,462  | \$39,462  | \$2,578   | \$39,462  |
| 2,486 | T32AR082310 | 5T32AR082310-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | The Rheumatic and Musculoskeletal Disease Epidemiology and Outcomes Training Program at the University of North Carolina | CALLAHAN, LEIGH FLEMING     | Awarded. Non-fellowships only | 2024/05/01 | 2029/04/30 | \$405,617 | \$405,617 | \$64,475  | \$275,120 |
| 2,487 | F31MH139286 | 1F31MH139286-01   | BAYLOR COLLEGE OF MEDICINE              | Investigating the role of NLGN3 in autism spectrum disorder and sleep disruptions  | TOWNSLEY, REBEKAH ELISE     | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$48,974  | \$48,974  | \$9,043   | \$48,974  |
| 2,488 | T32HD104582 | 5T32HD104582-04   | BOSTON CHILDREN'S HOSPITAL              | Pediatric Surgeon-Scientist Training Program in Vascular Diseases  | GREENE, ARIN K              | Awarded. Non-fellowships only | 2022/05/09 | 2027/04/30 | \$888,794 | \$888,794 | \$479,347 | \$275,484 |
| 2,489 | F31HL177911 | 1F31HL177911-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Leveraging a sliding-window Type I CRISPR base editing platform to correct CFTR null mutations                           | MYERS, MASON T              | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$43,025  | \$43,025  | \$9,630   | \$43,025  |

|       |             |                   |   |   |                                    |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|------------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,490 | F31NS141294 | 1F31NS141294-01   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Aberrant DNA Methylation Associated with Repetitive Head Impact Exposure and Chronic Traumatic Encephalopathy                       | BREEN, KERRY ANN                   | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$48,974    | \$48,974    | \$4,704     | \$48,974  |
| 2,491 | F30CA281272 | 5F30CA281272-02   | STATE UNIVERSITY NEW YORK STONY BROOK   | Maximizing Selective Inhibition of Clinically Observed MET Mutants  | OUTHWAITE, IAN                     | Awarded. Fellowships only     | 2024/03/26 | 2027/03/25 | \$95,314    | \$95,314    | \$38,683    | \$53,974  |
| 2,492 | T32HD049303 | 5T32HD049303-19   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Research Training in Pediatric Critical Care Medicine   | FINEMAN, JEFFREY R                 | Awarded. Non-fellowships only | 2006/05/15 | 2027/04/30 | \$707,428   | \$707,428   | \$529,042   | \$198,394 |
| 2,493 | F30DA062474 | 1F30DA062474-01   | YALE UNIVERSITY                         | The Role of Prelimbic Corticotrophin Releasing Factor Type 1 Receptor and L-Type Calcium Channels in Stress-induced Relapse         | UCHENDU, STACY NDIDI               | Awarded. Fellowships only     | 2025/04/01 | 2028/06/30 | \$36,958    | \$36,958    | \$0         | \$36,958  |
| 2,494 | F31HL178291 | 1F31HL178291-01   | UNIV OF MARYLAND, COLLEGE PARK          | The Interplay Between mTOR Inhibitors and Endothelial Cell-to-Cell Junction Dynamics: Implications for Vascular Barrier Dysfunction | BRANDON, KEN D                     | Awarded. Fellowships only     | 2025/01/12 | 2026/07/11 | \$39,867    | \$39,867    | \$8,874     | \$39,867  |
| 2,495 | F32GM157944 | 1F32GM157944-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Engineering and application of modular chimeric tRNA synthetases in mRNA display  | ELLIS, JONATHAN M                  | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$73,828    | \$73,828    | \$17,654    | \$73,828  |
| 2,496 | F31MH136685 | 1F31MH136685-01A1 | UNIVERSITY OF PENNSYLVANIA              | The role of sleep in neurodevelopmental plasticity and emotion dysregulation in youth   | BAGAUTDINOVA, JOELLE               | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$37,348    | \$48,974  |
| 2,497 | F30DA062497 | 1F30DA062497-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Molecular and Functional Characterization of Transcriptionally Defined Subpopulations of VTA Dopamine Neurons                       | FITZGERALD, NATALIE DALTON         | Awarded. Fellowships only     | 2025/05/01 | 2027/10/31 | \$42,856    | \$42,856    | \$0         | \$42,856  |
| 2,498 | F31DK142470 | 1F31DK142470-01   | UNIVERSITY OF ARIZONA                   | Role of Myristate and Sphingolipids on Intestinal ER Stress and Lipid Metabolism  | DOLL, CHELSEA LOUISE               | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$48,974    | \$48,974    | \$15,756    | \$48,974  |
| 2,499 | F31DE033918 | 5F31DE033918-02   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Identifying novel contributors to Wnt/beta-catenin mediated epigenetic activity in the evolution of OSCC                            | FISHER, EMILY                      | Awarded. Fellowships only     | 2024/05/08 | 2026/05/07 | \$99,548    | \$73,580    | \$26,158    | \$49,774  |
| 2,500 | F31CA298288 | 1F31CA298288-01   | WASHINGTON UNIVERSITY                   | Dissecting mechanistic differences between EZH2 gain-of-function events in B-cell lymphoma  | SMITH, SOFIA R                     | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$35,482    | \$35,482    | \$0         | \$35,482  |
| 2,501 | F31HL174077 | 5F31HL174077-02   | TULANE UNIVERSITY OF LOUISIANA          | EVALUATING THE IMPACT OF LOSS OF HETEROZYGOSITY ON LOCALIZED AVM FORMATION IN HHT   | GUIDROZ, ADELLA PATIENCE BOUDREAUX | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948    | \$97,948    | \$35,056    | \$48,974  |
| 2,502 | T32EB035504 | 1T32EB035504-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Michigan Translational Imaging Program (M-TIP)  | SEIBERLICH, NICOLE                 | Awarded. Non-fellowships only | 2025/05/01 | 2030/04/30 | \$184,010   | \$184,010   | \$0         | \$184,010 |
| 2,503 | F31NS135908 | 5F31NS135908-02   | VANDERBILT UNIVERSITY                   | Seizure onset zone localization with functional MRI correlates of interictal physiology in temporal lobe epilepsy                   | SAINBURG, LUCAS                    | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$97,948    | \$97,948    | \$32,389    | \$48,974  |
| 2,504 | T32HL155000 | 5T32HL155000-05   | YALE UNIVERSITY                         | Training in Implementation Science Research and Methods   | SPIEGELMAN, DONNA L                | Awarded. Non-fellowships only | 2021/02/01 | 2026/01/31 | \$2,164,380 | \$2,164,380 | \$1,190,215 | \$260,462 |
| 2,505 | T32GM150375 | 3T32GM150375-02S1 | UNIVERSITY OF CHICAGO                   | Medical Scientist National Research Service Award   | CLARK, MARCUS RAMSAY               | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$2,889,800 | \$2,889,800 | \$2,503,033 | \$119,872 |
| 2,506 | T32AR071302 | 5T32AR071302-09   | HOSPITAL FOR SPECIAL SURGERY            | HSS Research Institute Rheumatology Training  | SALMON, JANE E                     | Awarded. Non-fellowships only | 2017/05/01 | 2027/04/30 | \$1,176,909 | \$1,176,909 | \$373,695   | \$263,920 |
| 2,507 | F32AA032173 | 1F32AA032173-01   | RUTGERS, THE STATE UNIV OF N.J.         | Astrocyte modulation of striatal neuronal activity and behavioral sensitivity to alcohol  | ARDINGER, CHERISH                  | Awarded. Fellowships only     | 2025/01/15 | 2027/01/14 | \$74,284    | \$74,284    | \$14,938    | \$74,284  |
| 2,508 | F31MH136717 | 1F31MH136717-01A1 | JOHNS HOPKINS UNIVERSITY                | Characterizing the regulatory roles of microRNA on mitochondria in the mammalian CNS  | EISS, EMILY                        | Awarded. Fellowships only     | 2024/09/05 | 2027/09/04 | \$51,974    | \$51,974    | \$37,469    | \$51,974  |
| 2,509 | T32HD091058 | 5T32HD091058-09   | UNIV OF NORTH CAROLINA CHAPEL HILL      | From Biological to Social Processes: Interdisciplinary Training in Life Course Research   | HUMMER, ROBERT A                   | Awarded. Non-fellowships only | 2017/08/21 | 2027/04/30 | \$1,879,013 | \$1,858,013 | \$1,215,982 | \$552,192 |
| 2,510 | F31DK139601 | 1F31DK139601-01A1 | UNIVERSITY OF VIRGINIA                  | The reninness score: integrative analysis of multi-omic data to define renin cell identity  | XUE, BINGJIE                       | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$40,196    | \$40,196    | \$12,042    | \$40,196  |



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|-------|-------------|-------------------|---|--|-----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 2,511 | F31MH134596 | 5F31MH134596-02   | JOHNS HOPKINS UNIVERSITY                | Head Scanning Behavior and Reward Interactions in Potentiation of Place Fields   | OZEL, PELIN                 | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948  | \$97,948  | \$50,659  | \$48,974  |
| 2,512 | F31NS141320 | 1F31NS141320-01   | UNIVERSITY OF COLORADO DENVER           | The role of subsynaptic nanoscale architecture in inhibitory synaptic plasticity   | STEWART, AMBER ROSE         | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$36,670  | \$36,670  | \$6,777   | \$36,670  |
| 2,513 | F31DE034641 | 1F31DE034641-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The molecular mechanism of amelogenin exon4 alternative splicing and its association to amelogenesis imperfecta                              | SHEMIRANI, ROZANA           | Awarded. Fellowships only     | 2024/09/27 | 2027/07/26 | \$48,003  | \$48,003  | \$28,593  | \$48,003  |
| 2,514 | F30DE033612 | 1F30DE033612-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Cellular mechanisms of palatal shelf outgrowth   | SHAMARDANI, KARIN           | Awarded. Fellowships only     | 2024/09/06 | 2028/09/05 | \$48,003  | \$48,003  | \$34,829  | \$48,003  |
| 2,515 | F30HD114399 | 5F30HD114399-02   | CASE WESTERN RESERVE UNIVERSITY         | Investigating the Structural Basis of Human Glycine Receptor Modulation for Neurodevelopmental Disorders                                     | KRUEGER, EMILY              | Awarded. Fellowships only     | 2024/03/01 | 2028/02/29 | \$107,948 | \$107,948 | \$44,960  | \$53,974  |
| 2,516 | F32MH139279 | 1F32MH139279-01   | EMORY UNIVERSITY                        | Medial orbitofrontal cortical mechanisms underlying socially guided choice   | TOWNER, TREVOR              | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$73,828  | \$73,828  | \$20,719  | \$73,828  |
| 2,517 | F31HD115364 | 1F31HD115364-01A1 | JOHNS HOPKINS UNIVERSITY                | Investigating how germline sexual identity controls sex-specific gene expression   | CURNUTTE, HARRISON          | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$48,974  | \$48,974  | \$15,666  | \$48,974  |
| 2,518 | F31NS127399 | 5F31NS127399-03   | HARVARD MEDICAL SCHOOL                  | Dissecting the Forward Trafficking of Presynaptic Voltage Gated Calcium Channels   | CHIN, MORVEN                | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$109,288 | \$109,288 | \$85,442  | \$36,856  |
| 2,519 | F31AI178955 | 5F31AI178955-02   | UNIVERSITY OF WASHINGTON                | Itaconate mediated control of inflammatory hemophagocyte accumulation  | LICHAUCO, KATRINA           | Awarded. Fellowships only     | 2024/03/16 | 2025/06/15 | \$55,193  | \$55,193  | \$46,141  | \$11,039  |
| 2,520 | T32AR069516 | 5T32AR069516-08   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Training Program in Rheumatic and Musculoskeletal Diseases Research  | MOUNTZ, JOHN D              | Awarded. Non-fellowships only | 2016/05/01 | 2028/04/30 | \$986,224 | \$986,224 | \$301,127 | \$266,003 |
| 2,521 | F32GM157893 | 1F32GM157893-01   | DUKE UNIVERSITY                         | Highly parallelized characterization of histone reader dysfunction   | BOILEAU, RYAN MICHAEL       | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$73,828  | \$73,828  | \$30,663  | \$73,828  |
| 2,522 | F30HL178496 | 1F30HL178496-01   | STANFORD UNIVERSITY                     | Engineering hematopoietic stem cells to generate therapeutic antibody secreting B cells  | LUNA, SOFIA ELENA           | Awarded. Fellowships only     | 2025/01/15 | 2028/08/14 | \$53,974  | \$53,974  | \$13,828  | \$53,974  |
| 2,523 | F32HD117621 | 1F32HD117621-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Defining the contributions of apoptosis to germline syncytium function during oogenesis  | ONWUBIKO, UDODIRIM          | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$73,408  | \$73,408  | \$0       | \$73,408  |
| 2,524 | F31HL174074 | 5F31HL174074-02   | TULANE UNIVERSITY OF LOUISIANA          | UNCOVERING THE COMBINED EFFECTS OF VEGFA AND ANG2 PRO-ANGIOGENIC SIGNALING IN HEREDITARY HEMORRHAGIC TELANGIECTASIA                          | BAVISHI, SHREYA             | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948  | \$97,948  | \$34,810  | \$48,974  |
| 2,525 | F31DA062541 | 1F31DA062541-01   | UNIVERSITY OF PENNSYLVANIA              | Identifying a role for the mu-opioid receptor in the paraventricular nucleus of the thalamus in the development of stress related phenotypes | TYNER, EMMA ELYSE           | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 2,526 | F31AG087552 | 1F31AG087552-01A1 | ROCKEFELLER UNIVERSITY                  | Structural and Functional Characterization of the S. cerevisiae mRNA export platform   | MITTAL, SANRAJ RAO          | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$48,974  | \$48,974  | \$16,324  | \$48,974  |
| 2,527 | F31NS137751 | 1F31NS137751-01A1 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Profiling of Midbrain Neuronal Vulnerability in Parkinsons Disease   | LIANG, MARIANNA             | Awarded. Fellowships only     | 2024/12/01 | 2027/04/30 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 2,528 | F31HL168825 | 5F31HL168825-02   | UNIVERSITY OF WASHINGTON                | Investigating the Impact of Epigenetic Heterogeneity on Hematopoiesis  | WONG, MADELINE              | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$97,948  | \$97,948  | \$58,268  | \$48,974  |
| 2,529 | F30CA278298 | 5F30CA278298-02   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Identifying the Mechanism of Resistance to Immunotherapy in Merkel Cell Carcinoma (for Zachary Reinstein)                                    | REINSTEIN, ZACHARY ZALE     | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$88,374  | \$88,374  | \$32,401  | \$44,187  |
| 2,530 | F31HL165774 | 5F31HL165774-03   | DARTMOUTH COLLEGE                       | Role of Phosphorylation in Determining Circadian Period Length and Temperature Compensation  | STEVENSON, ELIZABETH-LAUREN | Awarded. Fellowships only     | 2023/03/16 | 2026/03/15 | \$145,642 | \$145,642 | \$94,329  | \$48,974  |
| 2,531 | F31GM149144 | 5F31GM149144-02   | YALE UNIVERSITY                         | Disease consequences and regulation of autophagy-independent ATG3 activity   | GUINN, EMILY DELGADO        | Awarded. Fellowships only     | 2024/01/16 | 2026/07/15 | \$97,948  | \$97,948  | \$55,267  | \$48,974  |
| 2,532 | F32NS140212 | 1F32NS140212-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Learning-induced synaptic plasticity in corticospinal output neurons of motor cortex   | LI, JENNIFER YING           | Awarded. Fellowships only     | 2025/03/01 | 2027/11/30 | \$73,408  | \$73,408  | \$0       | \$73,408  |

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|-------|-------------|-------------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,533 | T32GM007198 | 3T32GM007198-50S1 | UNIVERSITY OF CALIFORNIA, SAN DIEGO    | Medical Scientist Training Program   | INSEL, PAUL A             | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$7,222,995 | \$7,222,995 | \$6,778,642 | \$59,936  |
| 2,534 | F31HL172674 | 5F31HL172674-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Defining the metabolic regulation of erythropoiesis  | POURMANDI, NARGES         | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$84,188    | \$84,188    | \$42,094    | \$42,094  |
| 2,535 | F31NS127537 | 5F31NS127537-03   | EMORY UNIVERSITY                       | Genome-wide dysregulation of R-loops in Ataxia Telangiectasia neurological pathogenesis            | WESTOVER, KATHERINE R     | Awarded. Fellowships only     | 2023/03/13 | 2026/01/12 | \$140,938   | \$140,938   | \$97,579    | \$44,270  |
| 2,536 | F30AI181462 | 5F30AI181462-02   | WASHINGTON UNIVERSITY                  | Defining how ubiquitination of Ebola viral proteins affect host-viral dynamics                     | UWASE, GRACE              | Awarded. Fellowships only     | 2024/02/01 | 2028/01/31 | \$69,246    | \$69,246    | \$40,932    | \$34,623  |
| 2,537 | T35OD011078 | 5T35OD011078-15   | UNIVERSITY OF WISCONSIN-MADISON        | Short-term Research Training for Veterinary Students in Wisconsin                                  | JORGENSEN, JOAN S         | Awarded. Non-fellowships only | 2011/06/18 | 2026/03/31 | \$453,749   | \$453,749   | \$352,134   | \$100,370 |
| 2,538 | F32CA274982 | 5F32CA274982-03   | UT SOUTHWESTERN MEDICAL CENTER         | Immune Checkpoint Regulation by the Integrated Stress Response Pathway in Lung Ca                  | THOMAS-JARDIN, SHAYNA     | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$225,148   | \$225,148   | \$148,202   | \$78,892  |
| 2,539 | F30AG085921 | 5F30AG085921-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | High physical activity in older adults with pain: behavioral and neural drivers of pain resilience | WITONSKY, KAILYN FAYE     | Awarded. Fellowships only     | 2024/01/18 | 2026/01/17 | \$108,640   | \$108,640   | \$60,158    | \$54,320  |
| 2,540 | F31NS132434 | 5F31NS132434-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Monoaminergic and limbic systems underlying narcolepsy-cataplexy                                   | TOTH, BRANDON ANTHONY     | Awarded. Fellowships only     | 2024/01/01 | 2026/10/31 | \$84,644    | \$84,644    | \$68,588    | \$42,550  |
| 2,541 | F30AG082410 | 5F30AG082410-02   | UNIVERSITY OF WASHINGTON               | Investigating the role of the endoplasmic reticulum unfolded protein response in tauopathy         | HAN, MARINA               | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$107,948   | \$107,948   | \$53,974    | \$53,974  |
| 2,542 | T35OD010977 | 5T35OD010977-17   | OHIO STATE UNIVERSITY                  | Short term training for veterinary students  | OGLESBEE, MICHAEL J       | Awarded. Non-fellowships only | 2009/04/01 | 2029/03/31 | \$158,077   | \$158,077   | \$68,459    | \$89,030  |
| 2,543 | F30DA057821 | 5F30DA057821-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM    | Role of Reelin protein in the cellular and behavioral response to drugs of abuse                   | BRIDA, KASEY LYNN         | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$90,286    | \$90,286    | \$37,700    | \$47,657  |
| 2,544 | F32MH132176 | 5F32MH132176-03   | NEW YORK UNIVERSITY                    | Circuit mechanisms of arbitration between distinct reinforcement learning systems                  | DEMAEGD, MARGARET LOUISE  | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$230,336   | \$230,336   | \$134,256   | \$81,756  |
| 2,545 | T35DK103596 | 5T35DK103596-10   | UNIVERSITY OF UTAH                     | MSRP in Metabolism, Diabetes, Digestive and Kidney Diseases  | BEDDHU, SRINIVASAN        | Awarded. Non-fellowships only | 2015/03/01 | 2026/02/28 | \$368,634   | \$368,634   | \$285,499   | \$44,200  |
| 2,546 | F32AI176876 | 5F32AI176876-03   | UNIVERSITY OF WISCONSIN-MADISON        | Structure-guided design of protease-resistant, lipopeptide inhibitors of SARS-CoV-2                | KUHN, ARIEL JADE          | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$216,796   | \$216,796   | \$141,947   | \$74,284  |
| 2,547 | T32GM142603 | 3T32GM142603-03S1 | UNIVERSITY OF DELAWARE                 | Practical Data-Centric AI/ML for Biomedical Researchers  | POLSON, SHAWN W           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$959,723   | \$959,723   | \$647,624   | \$80,983  |
| 2,548 | F30DK138742 | 5F30DK138742-02   | UNIVERSITY OF PENNSYLVANIA             | Cellular and Molecular Mechanisms Underlying the Development of Brown Adipose Tissue               | FEIN, ETHAN               | Awarded. Fellowships only     | 2024/03/01 | 2028/02/29 | \$90,780    | \$90,780    | \$60,499    | \$36,806  |
| 2,549 | T35HL007489 | 5T35HL007489-42   | UNIVERSITY OF FLORIDA                  | Renewal: Short-Term Training for Medical Students in Cardiovascular and Pulmonary Research         | BERCELI, SCOTT A          | Awarded. Non-fellowships only | 1980/05/01 | 2029/03/31 | \$203,167   | \$203,167   | \$111,220   | \$82,977  |
| 2,550 | F32AI188869 | 1F32AI188869-01   | UNIVERSITY OF COLORADO DENVER          | Defining mechanisms of chronic CHIKV disease in joint associated tissue                            | ZARRELLA, KRISTEN         | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$73,828    | \$73,828    | \$23,365    | \$73,828  |
| 2,551 | T32HL134598 | 5T32HL134598-08   | DARTMOUTH COLLEGE                      | Dartmouth Cystic Fibrosis Training Program   | O'TOOLE, GEORGE A         | Awarded. Non-fellowships only | 2017/03/01 | 2028/02/29 | \$655,958   | \$655,958   | \$413,573   | \$214,496 |
| 2,552 | F31AG086006 | 5F31AG086006-02   | EMORY UNIVERSITY                       | Interneuron dysfunction and the emergence of tau pathology in early Alzheimer's disease            | BANKS, EMMIE              | Awarded. Fellowships only     | 2023/12/06 | 2027/12/05 | \$97,948    | \$97,948    | \$56,921    | \$48,974  |
| 2,553 | F32NS129586 | 5F32NS129586-02   | UNIVERSITY OF PENNSYLVANIA             | Interplay between macroautophagy and secretory autophagy in neurons.                               | PALUMBOS, SIERRA DANIELLE | Awarded. Fellowships only     | 2023/09/11 | 2026/02/10 | \$146,364   | \$146,364   | \$120,539   | \$77,284  |
| 2,554 | F32NS126298 | 5F32NS126298-03   | OHIO STATE UNIVERSITY                  | Maladaptive Remodeling of the Neuromuscular Synapse Following Central Nervous System Injury        | BALCH, MARIA HELEN HARLEY | Awarded. Fellowships only     | 2023/03/01 | 2025/08/31 | \$187,238   | \$187,238   | \$137,268   | \$40,946  |
| 2,555 | F31HD114406 | 5F31HD114406-02   | MAGEE-WOMEN'S RES INST AND FOUNDATION  | AAV gene therapy to restore fertility in mammalian Sertoli cell dysfunction models                 | ATKINS, GEORGIA RAE       | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$96,668    | \$96,668    | \$46,692    | \$48,974  |
| 2,556 | F30DA057838 | 5F30DA057838-03   | OREGON HEALTH & SCIENCE UNIVERSITY     | Intracellular signaling mechanisms underlying opioid modulation of pain                            | BAYLESS-EDWARDS, LONDON   | Awarded. Fellowships only     | 2023/03/01 | 2027/02/28 | \$169,142   | \$169,142   | \$115,255   | \$56,974  |

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| 2,557 | F32GM153031 | 5F32GM153031-02   | UNIVERSITY OF CALIFORNIA<br>BERKELEY      | Precision Deaminases to Expand the Scope of<br>Diseases Amenable to CRISPR-mediated Correction   | DOHERTY, ERIN E             | Awarded. Fellowships only        | 2024/03/01 | 2027/02/28 | \$148,112   | \$148,112 | \$79,741  | \$74,284  |
| 2,558 | F31AI176589 | 5F31AI176589-03   | HARVARD MEDICAL SCHOOL                    | The Dynamics of DNA in Salmonella Persists in<br>Macrophages   | SARGEN, MOLLY RENEE         | Awarded. Fellowships only        | 2023/05/01 | 2026/04/30 | \$115,388   | \$115,388 | \$71,924  | \$36,856  |
| 2,559 | F32CA284727 | 5F32CA284727-02   | ROCKEFELLER UNIVERSITY                    | Chemoproteomic discovery and characterization<br>of covalent ligands for the oncoprotein CIP2A, a<br>unique vulnerability in BRCA1/2-deficient cancers | HEISS, TYLER                | Awarded. Fellowships only        | 2024/04/01 | 2027/03/31 | \$151,040   | \$151,040 | \$79,704  | \$76,756  |
| 2,560 | F31HL170972 | 5F31HL170972-02   | UNIVERSITY OF KENTUCKY                    | Bilirubin Catabolism induces Plasminogen-Activator<br>Inhibitor 1 (PAI-1) worsening Metabolic Dysfunction  | KIPP, ZACHARY A             | Awarded. Fellowships only        | 2024/01/01 | 2026/12/31 | \$68,652    | \$68,652  | \$41,447  | \$34,966  |
| 2,561 | F30DK139717 | 5F30DK139717-02   | UNIVERSITY OF MICHIGAN AT ANN<br>ARBOR    | Adaptive Response(s) to Complete Thyroglobulin<br>Gene Knockout  | YOUNG, KATHY CRYSTAL        | Awarded. Fellowships only        | 2024/04/01 | 2027/03/31 | \$97,476    | \$97,476  | \$48,738  | \$48,738  |
| 2,562 | F30DK138769 | 5F30DK138769-02   | WEILL MEDICAL COLL OF CORNELL<br>UNIV     | Structural basis for deficient actin mechanosensing<br>in ACTN4-driven podocytopathy   | CHIN, ALFRED CHOON KIT      | Awarded. Fellowships only        | 2024/04/01 | 2028/03/31 | \$107,948   | \$107,948 | \$32,506  | \$53,974  |
| 2,563 | F31AG082494 | 5F31AG082494-03   | UNIVERSITY OF UTAH                        | Investigating the Lysosome and Plasma Membrane<br>Systems in Protecting Cells Against Age-induced<br>Amino Acid Toxicity                               | CHUI, KEVIN                 | Awarded. Fellowships only        | 2023/04/01 | 2026/03/31 | \$118,372   | \$118,372 | \$78,488  | \$39,884  |
| 2,564 | F30DK131846 | 5F30DK131846-04   | YALE UNIVERSITY                           | Elucidating the pathophysiology and molecular<br>mechanisms of renal insulin resistance  | HUBBARD, BRANDON            | Awarded. Fellowships only        | 2022/03/16 | 2026/03/15 | \$172,109   | \$172,109 | \$110,722 | \$53,974  |
| 2,565 | F31MH134619 | 5F31MH134619-02   | UNIVERSITY OF UTAH                        | Mechanism and Synaptic Function of Binding<br>Between Proteins Kirrel3 and IgSF8   | WEINBROM, ADAM              | Awarded. Fellowships only        | 2024/05/01 | 2026/04/30 | \$80,026    | \$80,026  | \$35,137  | \$40,013  |
| 2,566 | F31CA281128 | 5F31CA281128-02   | HARVARD MEDICAL SCHOOL                    | Evaluating the impact of antigen selection on T cell<br>responses to therapeutic cancer vaccination  | POMERANCE, LUCAS C          | Awarded. Fellowships only        | 2023/12/01 | 2026/11/30 | \$72,556    | \$72,556  | \$51,298  | \$36,918  |
| 2,567 | F31DE033565 | 5F31DE033565-02   | CINCINNATI CHILDRENS HOSP MED<br>CTR      | The role of Sonic hedgehog signaling in cranial<br>neural crest potency  | HAN, SIMON JOON<br>YOUNG    | Awarded. Fellowships only        | 2023/09/15 | 2025/09/14 | \$84,329    | \$84,329  | \$40,216  | \$42,894  |
| 2,568 | F31AI178923 | 5F31AI178923-02   | UNIVERSITY OF CALIFORNIA-IRVINE           | Chemoproteomic discovery of secreted microbial<br>enzymes for engineered probiotics  | FALCO, NATALIE              | Awarded. Fellowships only        | 2024/03/27 | 2026/03/26 | \$91,392    | \$91,392  | \$44,602  | \$46,067  |
| 2,569 | F30HL158035 | 5F30HL158035-04   | UNIVERSITY OF CHICAGO                     | Defining the Pathogenesis of Del(7q) in<br>Hematopoietic Stem Cells  | JOTTE, MATTHEW              | Awarded. Fellowships only        | 2022/04/01 | 2026/03/31 | \$212,394   | \$212,394 | \$163,237 | \$53,974  |
| 2,570 | T32CA257957 | 5T32CA257957-05   | RUTGERS BIOMEDICAL AND HEALTH<br>SCIENCES | Post-doctoral Training Program in Cancer<br>Metabolism and Tumor-host Interactions   | ZONG, WEI-XING              | Awarded. Non-fellowships<br>only | 2021/04/01 | 2026/03/31 | \$1,147,353 | \$881,547 | \$575,329 | \$230,987 |
| 2,571 | F31HD108974 | 5F31HD108974-03   | EMORY UNIVERSITY                          | Developmental regulation of histone genes by<br>pioneer factors and three-dimensional architecture   | O'HAREN, THOMAS E           | Awarded. Fellowships only        | 2023/03/15 | 2026/03/14 | \$145,642   | \$145,642 | \$91,527  | \$48,974  |
| 2,572 | F30DK142323 | 1F30DK142323-01   | WASHINGTON UNIVERSITY                     | Characterizing IgA-microbe interactions in type 1<br>diabetes  | OLIN, ILANA RAE             | Awarded. Fellowships only        | 2025/01/01 | 2027/12/31 | \$37,154    | \$37,154  | \$9,146   | \$37,154  |
| 2,573 | F32NS136234 | 1F32NS136234-01A1 | UNIVERSITY OF PITTSBURGH AT<br>PITTSBURGH | Targeting spinal orexins to treat chronic pain   | STRATTON, HARRISON<br>JAMES | Awarded. Fellowships only        | 2025/03/01 | 2028/02/29 | \$79,256    | \$79,256  | \$5,363   | \$79,256  |
| 2,574 | F31NS130957 | 5F31NS130957-02   | YALE UNIVERSITY                           | Investigating the mechanism and role of the steady-<br>state CXCR3-CXCL10 gut-microbiota-brain T cell axis   | YOSHIDA, TOMOMI<br>MARIE    | Awarded. Fellowships only        | 2023/12/19 | 2025/10/18 | \$93,244    | \$93,244  | \$37,062  | \$44,270  |
| 2,575 | F31DC021855 | 1F31DC021855-01A1 | HARVARD MEDICAL SCHOOL                    | Effects of the TECTB-C225Y Variant in the Inner Ear  | HALE, EVAN BROWN            | Awarded. Fellowships only        | 2024/09/30 | 2026/09/29 | \$36,983    | \$36,983  | \$24,896  | \$36,983  |
| 2,576 | F30CA287739 | 5F30CA287739-02   | STANFORD UNIVERSITY                       | High-Throughput Measurements of RNA-Mediated<br>Regulation of Gene Expression and Oncogenesis  | THURM, ABBY                 | Awarded. Fellowships only        | 2024/04/01 | 2027/03/31 | \$92,897    | \$92,897  | \$36,993  | \$41,660  |
| 2,577 | T32DK007217 | 3T32DK007217-48S2 | STANFORD UNIVERSITY                       | Diabetes, Endocrinology and Metabolism Training<br>Grant   | ANNES, JUSTIN PIERCE        | Awarded. Non-fellowships<br>only | 1976/07/01 | 2028/06/30 | \$831,699   | \$831,699 | \$709,647 | \$35,612  |
| 2,578 | F32HL172637 | 5F32HL172637-02   | BOSTON CHILDREN'S HOSPITAL                | Endothelial and mural cell interaction in capillary<br>malformation  | NASIM, SANA                 | Awarded. Fellowships only        | 2023/12/02 | 2026/12/01 | \$155,648   | \$155,648 | \$85,709  | \$78,892  |
| 2,579 | F31AG085730 | 5F31AG085730-02   | UNIVERSITY OF WISCONSIN-<br>MADISON       | Weight, inflammation, and Alzheimers disease in<br>Down syndrome   | FLEMING, VICTORIA           | Awarded. Fellowships only        | 2024/05/01 | 2027/04/30 | \$72,229    | \$72,229  | \$35,657  | \$36,235  |

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|-------|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,580 | F30DK132807 | 5F30DK132807-03   | MEDICAL COLLEGE OF WISCONSIN            | Mechanisms by which PIM kinase modulates the effector function of autoreactive CD8 T cells in type 1 diabetes                                     | BROWN, ASHLEY K            | Awarded. Fellowships only     | 2023/04/07 | 2027/04/06 | \$160,642   | \$160,642   | \$96,214    | \$53,974  |
| 2,581 | F31HD108987 | 5F31HD108987-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Early Neurodevelopmental Trajectories of Typical and Atypical Language Acquisition  | WAGNER, LAUREN E           | Awarded. Fellowships only     | 2023/01/19 | 2026/01/18 | \$121,621   | \$121,621   | \$83,218    | \$40,967  |
| 2,582 | F32CA287961 | 5F32CA287961-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Intraoperative Molecular Imaging of Metastatic Osteosarcoma with 111In-dinutuximab-IR800  | ROSENBLUM, LAUREN TAYLOR   | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$165,408   | \$165,408   | \$94,304    | \$84,064  |
| 2,583 | T32CA257923 | 5T32CA257923-05   | UNIVERSITY OF FLORIDA                   | Team-based Interdisciplinary Cancer Research Training Program   | SIEMANN, DIETMAR W         | Awarded. Non-fellowships only | 2021/04/01 | 2026/03/31 | \$1,310,820 | \$1,310,820 | \$884,509   | \$264,880 |
| 2,584 | F32DE032896 | 5F32DE032896-03   | UNIVERSITY OF CALIFORNIA-IRVINE         | Tissue-engineered regeneration of the minipig TMJ condyle   | BIELAJEW, BENJAMIN         | Awarded. Fellowships only     | 2023/04/11 | 2026/04/10 | \$222,520   | \$222,520   | \$144,964   | \$77,556  |
| 2,585 | F31AI191410 | 1F31AI191410-01   | HARVARD MEDICAL SCHOOL                  | Revealing the Mechanisms of Cleaved and Intact GSDMD Pore Formation and Membrane Rupture  | HEALY, LIAM BRENDAN        | Awarded. Fellowships only     | 2025/03/01 | 2028/02/29 | \$43,456    | \$43,456    | \$8,920     | \$43,456  |
| 2,586 | T32GM152316 | 3T32GM152316-01S1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | UNC Medical Scientist Training Program  | DESHMUKH, MOHANISH P       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,378,526 | \$1,378,526 | \$1,257,348 | \$59,936  |
| 2,587 | F31DK143749 | 1F31DK143749-01   | CHILDREN'S HOSPITAL OF LOS ANGELES      | Investigating the role of NGN3 in Notch signaling repression during pancreatic endocrinogenesis   | WANG, VICTORIA LIWEN       | Awarded. Fellowships only     | 2025/05/01 | 2027/04/30 | \$46,649    | \$46,649    | \$0         | \$46,649  |
| 2,588 | F32HL172586 | 5F32HL172586-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Exploring Mechanisms Through Which STING Alleles Impact Clinical Penetrance of COPA Syndrome  | SIMCHONI, NOA              | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$170,420   | \$170,420   | \$83,932    | \$86,488  |
| 2,589 | F32CA284750 | 5F32CA284750-02   | DANA-FARBER CANCER INST                 | Investigating IGF2BP1 as a novel Therapeutic Target for Ewing Sarcoma   | BOND, MICHAEL JOSEPH       | Awarded. Fellowships only     | 2024/04/03 | 2027/04/02 | \$148,112   | \$148,112   | \$74,255    | \$74,284  |
| 2,590 | F31NS143580 | 1F31NS143580-01   | BROWN UNIVERSITY                        | Testing of the VTA - EC Ca2+ – BBB Hypothesis   | SCOTT, SENECA J            | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 2,591 | F31DE033887 | 5F31DE033887-02   | UNIVERSITY OF COLORADO DENVER           | Divergent response to radio-immunotherapy in HNSCC and PDAC is mediated by regulatory T cells   | GADWA, JACOB               | Awarded. Fellowships only     | 2024/03/01 | 2028/02/28 | \$37,384    | \$37,384    | \$20,404    | \$0       |
| 2,592 | F31DC022801 | 1F31DC022801-01   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Structure-function correspondence in the cortical organization of language  | BELISLE, REBECCA MICHELE   | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$7,056     | \$48,974  |
| 2,593 | F31DC022481 | 1F31DC022481-01A1 | CARNEGIE-MELLON UNIVERSITY              | Neural Mechanisms of Spatial Auditory Attention with Magnified Interaural Level Differences   | RICHARDSON, BENJAMIN NOAH  | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$525       | \$48,974  |
| 2,594 | F31MH140538 | 1F31MH140538-01   | UNIVERSITY OF OREGON                    | Neighborhood environment, puberty, sleep quality, and trajectories of depression in adolescent girls: A longitudinal study of risk and resilience | BERGER, ESTELLE            | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 2,595 | F30DE030354 | 5F30DE030354-05   | UNIVERSITY OF MINNESOTA                 | The epigenetic role of LSD1 in osteoclast differentiation   | ASTLEFORD-HOPPER, KRISTINA | Awarded. Fellowships only     | 2020/08/29 | 2025/08/28 | \$246,294   | \$246,294   | \$242,094   | \$54,774  |
| 2,596 | TL1DK143272 | 1TL1DK143272-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | The Training Core for The San Diego Regional Network Award for Kidney, Urologic, and Hematologic Research Training                                | RIFKIN, DENA EVETTE        | Awarded. Non-fellowships only | 2024/09/01 | 2029/05/31 | \$426,769   | \$426,769   | \$24,129    | \$426,769 |
| 2,597 | F31AG087696 | 5F31AG087696-02   | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | The Impact of Early and Later-life Stress on Later-life Cognition and Plasma Biomarkers of Alzheimers Disease and Related Dementias               | LEE, JILLIAN               | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$97,948    | \$97,948    | \$45,460    | \$48,974  |
| 2,598 | T32CA009599 | 5T32CA009599-37   | UNIVERSITY OF TX MD ANDERSON CAN CTR    | Training of Academic Surgical Oncologists   | WARGO, JENNIFER A          | Awarded. Non-fellowships only | 1994/05/25 | 2028/02/29 | \$1,970,264 | \$1,970,264 | \$1,466,750 | \$782,693 |
| 2,599 | F30AG085984 | 5F30AG085984-02   | MAYO CLINIC JACKSONVILLE                | The Role of TMEM106B in FTLD-TDP Pathogenesis   | MARKS, JORDAN DAVID        | Awarded. Fellowships only     | 2023/12/06 | 2027/06/05 | \$98,348    | \$98,348    | \$65,640    | \$49,174  |
| 2,600 | F30AI174788 | 5F30AI174788-02   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Strategies for next-generation flavivirus vaccine development   | JUNG, HELEN S              | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$106,668   | \$106,668   | \$95,917    | \$53,974  |
| 2,601 | F31NS130942 | 5F31NS130942-02   | YALE UNIVERSITY                         | Genetic and epigenetic mechanisms of glioblastoma invasion and their therapeutic implication  | LONG, GRETCHEN IRELLA      | Awarded. Fellowships only     | 2024/04/01 | 2026/07/31 | \$81,948    | \$81,948    | \$30,828    | \$32,974  |
| 2,602 | T32GM152319 | 3T32GM152319-01S1 | CASE WESTERN RESERVE UNIVERSITY         | Medical Scientist Training Program at Case Western Reserve University   | HUANG, ALEX YEE-CHEN       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,738,142 | \$1,738,142 | \$1,535,409 | \$59,936  |

|       |             |                   |   |  |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,603 | T32GM136577 | 3T32GM136577-05S2 | JOHNS HOPKINS UNIVERSITY                | Medical Scientist Training Program   | COX, ANDREA L              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$9,307,687 | \$9,307,687 | \$8,414,450 | \$59,936  |
| 2,604 | F32AI179151 | 5F32AI179151-02   | BROAD INSTITUTE, INC.                   | Deep integration of multi-omics and patient health data to clarify risk factors of enterococcal infective endocarditis   | SMITH, JOSHUA THOMAS       | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$155,876   | \$155,876   | \$60,696    | \$79,282  |
| 2,605 | F30CA288019 | 5F30CA288019-02   | JOHNS HOPKINS UNIVERSITY                | Defining protein translation dynamics in cancers with differential Myc expression  | SCHOLE, KATE               | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$107,948   | \$107,948   | \$53,011    | \$53,974  |
| 2,606 | F32DA060663 | 5F32DA060663-02   | VANDERBILT UNIVERSITY                   | The Role of Ovarian Hormones in Regulating Dopamine Acetylcholine Interactions in the Nucleus Accumbens                  | HOLMGREN, ELEANOR BAILEY   | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$154,112   | \$154,112   | \$62,999    | \$77,284  |
| 2,607 | T32EY007143 | 3T32EY007143-30S1 | JOHNS HOPKINS UNIVERSITY                | Visual Science Training Program  | ZACK, DONALD J             | Awarded. Non-fellowships only | 1995/01/01 | 2025/07/31 | \$1,117,818 | \$1,117,818 | \$1,119,226 | \$51,288  |
| 2,608 | F31DK138745 | 5F31DK138745-02   | CARNEGIE-MELLON UNIVERSITY              | Time-varying psychosocial influences of blood glucose among adults with type 1 diabetes                                  | HORNER, FIONA              | Awarded. Fellowships only     | 2024/03/18 | 2026/03/17 | \$85,148    | \$85,148    | \$42,574    | \$42,574  |
| 2,609 | F30HD107921 | 5F30HD107921-04   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Epigenetic regulation of neural stem cell biology by Tet DNA dioxygenases  | MACARTHUR, IAN CAMPBELL    | Awarded. Fellowships only     | 2022/02/09 | 2026/02/08 | \$211,678   | \$211,678   | \$172,314   | \$53,974  |
| 2,610 | F31DA058522 | 1F31DA058522-01A1 | UNIVERSITY OF TEXAS AT AUSTIN           | Recruitment of striatal enkephalin by cocaine as a substrate for striatopallidal circuit adaptations and cocaine seeking | MATSUMURA, KANAKO          | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$45,771    | \$45,771    | \$34,697    | \$45,771  |
| 2,611 | F32HL160093 | 5F32HL160093-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Role of NOD2 in Acute Lung Injury Following Ischemic Kidney Injury   | DEWOLF, SEAN EDWARD        | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$245,546   | \$245,546   | \$228,586   | \$89,488  |
| 2,612 | F32GM149162 | 5F32GM149162-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Control of gene expression via RNA-targeted covalent probes  | KHITUN, ALEXANDRA          | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$150,684   | \$150,684   | \$126,946   | \$78,892  |
| 2,613 | T32AG020499 | 5T32AG020499-20   | UNIVERSITY OF FLORIDA                   | Research Training in Non-Pharmacological Interventions for Cognition in Aging, MCI, and Alzheimers Disease               | MARSISKE, MICHAEL          | Awarded. Non-fellowships only | 2003/05/01 | 2026/04/30 | \$1,137,027 | \$1,137,027 | \$1,341,595 | \$76,134  |
| 2,614 | T32ES014562 | 5T32ES014562-18   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Environmental Epidemiology in Community Settings   | CLAUS HENN, BIRGIT GUNHILD | Awarded. Non-fellowships only | 2006/07/01 | 2027/06/30 | \$1,841,639 | \$1,841,639 | \$1,653,597 | \$600,852 |
| 2,615 | T32HD043021 | 5T32HD043021-20   | CHILDREN'S HOSP OF PHILADELPHIA         | T32 Institutional Pediatric Research   | ST GEME, JOSEPH W          | Awarded. Non-fellowships only | 2002/07/01 | 2026/04/30 | \$1,640,625 | \$1,640,625 | \$1,653,817 | \$351,988 |
| 2,616 | F31DA058562 | 1F31DA058562-01A1 | JOHNS HOPKINS UNIVERSITY                | Endocannabinoid Modulation of the HIV-Induced Microglial Inflammatory Response   | ELLISON, ALYSHA            | Awarded. Fellowships only     | 2024/06/17 | 2026/06/16 | \$48,974    | \$48,974    | \$44,104    | \$48,974  |
| 2,617 | F32AI176916 | 1F32AI176916-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Modulation of ADP-Ribosylation as a Target During HIV-1 Latency and Reactivation   | MOEN, JACK MICHAEL         | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$73,828    | \$73,828    | \$34,417    | \$73,828  |
| 2,618 | T32DA007292 | 5T32DA007292-32   | JOHNS HOPKINS UNIVERSITY                | NIDA Epidemiology Training Program   | MAHER, BRION S             | Awarded. Non-fellowships only | 1995/08/01 | 2028/06/30 | \$2,144,397 | \$2,144,397 | \$1,581,902 | \$351,695 |
| 2,619 | T32GM141819 | 5T32GM141819-04   | STANFORD UNIVERSITY                     | Graduate Training Program in Biotechnology   | COCHRAN, JENNIFER R        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,252,731 | \$1,252,731 | \$1,043,328 | \$329,616 |
| 2,620 | F30AG087521 | 1F30AG087521-01   | UNIVERSITY OF ROCHESTER                 | Sigma-1 Receptor as a modulator of Astrocyte pro-inflammatory activities in Parkinsons Disease                           | PIESTER, GAVIN EDWARD      | Awarded. Fellowships only     | 2024/12/02 | 2027/12/01 | \$53,974    | \$53,974    | \$16,344    | \$53,974  |
| 2,621 | F30DK127564 | 5F30DK127564-04   | MAYO CLINIC ROCHESTER                   | ST8Sia6 modulation of diabetes   | CHOE, JUSTIN               | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$199,856   | \$199,856   | \$185,697   | \$53,974  |
| 2,622 | T32DK007044 | 5T32DK007044-43   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Experimental Endocrinology and Metabolism  | WEBSTER, NICHOLAS J        | Awarded. Non-fellowships only | 1978/09/15 | 2027/05/31 | \$775,968   | \$775,968   | \$163,952   | \$262,396 |
| 2,623 | T32GM121318 | 5T32GM121318-07   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Interdisciplinary Anesthesiology Research Training Program   | PATEL, HEMAL H             | Awarded. Non-fellowships only | 2017/07/01 | 2028/06/30 | \$355,050   | \$355,050   | \$259,286   | \$183,762 |
| 2,624 | T32HL007852 | 5T32HL007852-27   | MEDICAL COLLEGE OF WISCONSIN            | Integrated Physiology Training: Molecule to Organism   | HODGES, MATTHEW ROBERT     | Awarded. Non-fellowships only | 1996/07/01 | 2028/06/30 | \$838,862   | \$838,862   | \$565,518   | \$404,930 |
| 2,625 | T32MH018399 | 5T32MH018399-38   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Fellowship in Biological Psychiatry and Neuroscience   | SHIH, PEI-AN (BETTY)       | Awarded. Non-fellowships only | 1986/07/15 | 2027/06/30 | \$987,736   | \$987,736   | \$742,857   | \$258,406 |



|       |             |                   |  |   |                           |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,626 | T32GM008440 | 5T32GM008440-28   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Comprehensive Anesthesia Research Training  | HELLMAN, JUDITH           | Awarded. Non-fellowships only | 1995/07/01 | 2027/06/30 | \$1,035,846 | \$1,035,846 | \$872,666   | \$365,579 |
| 2,627 | T32AI007001 | 5T32AI007001-47   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Training in Sexually Transmitted Infections and HIV   | SENA-SOBERANO, ARLENE C   | Awarded. Non-fellowships only | 1990/07/15 | 2026/06/30 | \$2,138,535 | \$2,138,535 | \$1,947,382 | \$573,274 |
| 2,628 | T32DK063929 | 5T32DK063929-22   | CINCINNATI CHILDRENS HOSP MED CTR        | Research Training in Child Behavior and Nutrition   | ZELLER, MARGARET H        | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$690,397   | \$690,397   | \$646,479   | \$367,658 |
| 2,629 | T32DA007242 | 5T32DA007242-34   | UNIVERSITY OF VERMONT & ST AGRIC COLLEGE | Behavioral Pharmacology of Human Drug Use Disorders   | HIGGINS, STEPHEN T        | Awarded. Non-fellowships only | 1990/09/30 | 2026/06/30 | \$1,118,664 | \$1,118,664 | \$934,473   | \$208,557 |
| 2,630 | T32ES007271 | 5T32ES007271-30   | UNIVERSITY OF ROCHESTER                  | Training in Environmental Health Biostatistics  | THURSTON, SALLY W         | Awarded. Non-fellowships only | 1992/07/01 | 2025/06/30 | \$1,008,889 | \$1,008,889 | \$1,016,535 | \$240,395 |
| 2,631 | T32MH103210 | 5T32MH103210-10   | JOHNS HOPKINS UNIVERSITY                 | Global Mental Health Training Program   | BASS, JUDITH KAREN        | Awarded. Non-fellowships only | 2015/07/01 | 2025/06/30 | \$2,154,553 | \$2,154,553 | \$1,866,462 | \$450,443 |
| 2,632 | F31DA060021 | 1F31DA060021-01   | UNIVERSITY OF RHODE ISLAND               | The Relationship Between Historical Trauma, Substance Use, and Suicidal Ideation in Native Hawaiian/Pacific Islander Adults: A Mixed-Methods Approach | EGAN, ALANA               | Awarded. Fellowships only     | 2024/05/20 | 2026/05/19 | \$51,974    | \$51,974    | \$45,571    | \$51,974  |
| 2,633 | T32GM136499 | 5T32GM136499-05   | CITY COLLEGE OF NEW YORK                 | G-RISE at The City College of New York  | STARK, RUTH E             | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$3,257,848 | \$3,257,848 | \$3,025,955 | \$727,765 |
| 2,634 | F31CA278383 | 5F31CA278383-02   | YALE UNIVERSITY                          | Molecular mechanism of membrane association of Brutons Tyrosine Kinase  | MCALLISTER, RACHEL        | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$92,808    | \$92,808    | \$66,748    | \$47,044  |
| 2,635 | T32GM139801 | 5T32GM139801-04   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Training Interdisciplinary Pharmacology Scientists (TIPS)   | DESSAUER, CARMEN W        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$945,543   | \$945,543   | \$711,010   | \$250,080 |
| 2,636 | F31DK136312 | 1F31DK136312-01A1 | BROAD INSTITUTE, INC.                    | Mechanisms of Renal Lipotoxicity  | GABRIEL, KATLYN ROSE      | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$42,574    | \$42,574    | \$37,700    | \$42,574  |
| 2,637 | T32AI007529 | 5T32AI007529-25   | MASSACHUSETTS GENERAL HOSPITAL           | Training in Transplantation Biology   | MADSEN, JOREN C           | Awarded. Non-fellowships only | 1998/09/01 | 2025/06/30 | \$1,614,396 | \$1,614,396 | \$1,362,119 | \$344,653 |
| 2,638 | T32EB001631 | 5T32EB001631-20   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Biomedical Imaging for Clinician Scientists   | LINK, THOMAS M            | Awarded. Non-fellowships only | 2005/07/01 | 2028/06/30 | \$514,264   | \$514,264   | \$484,409   | \$238,483 |
| 2,639 | T32DA015035 | 5T32DA015035-22   | WASHINGTON UNIVERSITY                    | Transdisciplinary Training in Addictions Research   | GOLDBACH, JEREMY THOMAS   | Awarded. Non-fellowships only | 2002/07/01 | 2028/06/30 | \$938,822   | \$938,822   | \$471,877   | \$269,197 |
| 2,640 | T32NR009759 | 5T32NR009759-19   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Targeting Research and Academic Training of Nurses in Genomics  | CONLEY, YVETTE P          | Awarded. Non-fellowships only | 2006/06/01 | 2026/06/30 | \$1,169,304 | \$1,169,304 | \$983,665   | \$173,609 |
| 2,641 | T32NR014225 | 5T32NR014225-10   | OHIO STATE UNIVERSITY                    | Training in the Science of Health Development   | PICKLER, RITA H           | Awarded. Non-fellowships only | 2013/07/01 | 2025/06/30 | \$1,011,045 | \$1,011,045 | \$936,858   | \$74,894  |
| 2,642 | F31CA288141 | 1F31CA288141-01   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | Defining Novel Redox Stress Mechanisms to Inhibit KRAS-driven Pancreatic Ductal Adenocarcinoma  | MATEO-VICTORIANO, BEATRIZ | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$26,204    | \$48,974  |
| 2,643 | T32DK062708 | 5T32DK062708-22   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Clinical Research in Digestive Diseases (CRDD) Training Program   | HIGGINS, PETER D R        | Awarded. Non-fellowships only | 2003/02/01 | 2028/06/30 | \$456,173   | \$456,173   | \$236,161   | \$287,213 |
| 2,644 | T32AR076951 | 5T32AR076951-05   | UNIVERSITY OF PENNSYLVANIA               | Training Program/Rheumatic Diseases   | MERKEL, PETER A           | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,850,930 | \$1,850,930 | \$1,672,615 | \$399,277 |
| 2,645 | T32GM136503 | 5T32GM136503-05   | UNIVERSITY OF SOUTH DAKOTA               | G-RISE University of South Dakota   | BURRELL, BRIAN DONALD     | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,123,986 | \$1,123,986 | \$932,143   | \$127,750 |
| 2,646 | T32ES007020 | 5T32ES007020-50   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Training Grant in Environmental Toxicology  | ESSIGMANN, JOHN M         | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$3,603,515 | \$3,603,515 | \$3,587,852 | \$847,905 |
| 2,647 | F31DC021106 | 5F31DC021106-02   | JOHNS HOPKINS UNIVERSITY                 | Interrogating the Dynamic Neural Computation of the Sense of Direction  | STANLEY, OLIVER RILEY     | Awarded. Fellowships only     | 2023/05/15 | 2025/05/14 | \$96,668    | \$96,668    | \$93,914    | \$48,974  |
| 2,648 | T32DA007294 | 5T32DA007294-32   | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Translational Clinical Research Fellowship on Substance Use Disorders   | LEVIN, FRANCES RUDNICK    | Awarded. Non-fellowships only | 1993/07/20 | 2028/06/30 | \$954,773   | \$954,773   | \$729,167   | \$412,899 |
| 2,649 | F31CA288070 | 1F31CA288070-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Regulation of the retinoblastoma (Rb) tumor suppressor by the ubiquitin-proteasome system   | APONTE, AMY               | Awarded. Fellowships only     | 2024/08/15 | 2027/08/14 | \$40,188    | \$40,188    | \$26,695    | \$40,188  |

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|-------|-------------|-------------------|---|--|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,650 | T32GM095442 | 5T32GM095442-14   | EMORY UNIVERSITY                        | Critical Care Training Program   | COOPERSMITH, CRAIG M             | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,415,070 | \$1,415,070 | \$1,144,200 | \$378,831 |
| 2,651 | T32DA007234 | 5T32DA007234-38   | UNIVERSITY OF MINNESOTA                 | Neuroscience Training in Drug Abuse Research   | MERMELSTEIN, PAUL G              | Awarded. Non-fellowships only | 1991/09/30 | 2027/06/30 | \$1,438,055 | \$1,438,055 | \$1,274,510 | \$515,455 |
| 2,652 | T32HL139430 | 5T32HL139430-07   | BAYLOR COLLEGE OF MEDICINE              | Research Training Program in Cardiovascular Surgery  | ROSENGART, TODD K                | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$713,214   | \$713,214   | \$654,725   | \$364,748 |
| 2,653 | F31GM153158 | 1F31GM153158-01   | STANFORD UNIVERSITY                     | Investigating the role of protein quality control in osmotic stress adaptation                                       | LE, KATHY H                      | Awarded. Fellowships only     | 2024/08/01 | 2027/01/31 | \$48,974    | \$48,974    | \$22,056    | \$48,974  |
| 2,654 | T32HG003284 | 5T32HG003284-20   | PRINCETON UNIVERSITY                    | Quantitative and Computational Biology Graduate Program  | STOREY, JOHN D                   | Awarded. Non-fellowships only | 2004/08/18 | 2025/05/31 | \$2,193,725 | \$2,193,725 | \$2,163,100 | \$350,228 |
| 2,655 | F31AI176652 | 1F31AI176652-01A1 | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR | The Mycobacterium tuberculosis secreted protein Rv1075c hijacks host histone methyltransferases to promote infection | COLEMAN, AJA                     | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$37,568    | \$37,568    | \$33,169    | \$37,568  |
| 2,656 | F32DK136310 | 1F32DK136310-01A1 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Diagnosing disparities in existing and proposed allocation systems for kidney transplantation                        | LIYANAGE, LUCKMINI               | Awarded. Fellowships only     | 2024/07/09 | 2027/07/08 | \$92,756    | \$92,756    | \$47,815    | \$92,756  |
| 2,657 | T32HL125241 | 5T32HL125241-10   | WASHINGTON UNIVERSITY                   | Pediatric Cardiovascular and Pulmonary Research Training Program   | BUBECK WARDENBURG, JULIANE       | Awarded. Non-fellowships only | 2015/02/01 | 2026/02/28 | \$1,934,960 | \$1,934,960 | \$1,750,362 | \$297,425 |
| 2,658 | T32CA009135 | 5T32CA009135-45   | UNIVERSITY OF WISCONSIN-MADISON         | Training in Cancer Biology Training Grant  | SUGDEN, WILLIAM M                | Awarded. Non-fellowships only | 1975/07/01 | 2025/08/31 | \$1,976,673 | \$1,976,673 | \$1,545,568 | \$385,484 |
| 2,659 | T32OD017863 | 5T32OD017863-10   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | UCSD Research Training Program for Veterinarians   | SIGURDSON, CHRISTINA             | Awarded. Non-fellowships only | 2014/05/02 | 2025/09/30 | \$1,041,995 | \$1,041,995 | \$722,095   | \$224,863 |
| 2,660 | F31GM149174 | 5F31GM149174-02   | YALE UNIVERSITY                         | Spatial organization of phenotypically diverse cells during collective migration                                     | VO, LAM                          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$67,508    | \$48,974  |
| 2,661 | T32DA007233 | 5T32DA007233-40   | NEW YORK UNIVERSITY                     | Behavioral Sciences Training in Drug Abuse Research  | GOLDSAMT, LLOYD A                | Awarded. Non-fellowships only | 1984/08/15 | 2025/06/30 | \$3,789,612 | \$3,789,612 | \$3,900,074 | \$849,741 |
| 2,662 | TL4GM118971 | 5TL4GM118971-10   | UNIVERSITY OF TEXAS EL PASO             | Phase II of BUILDing SCHOLARS - Student Training Core  | BOLAND, THOMAS                   | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$2,871,294 | \$2,871,294 | \$2,039,952 | \$12,960  |
| 2,663 | T32HL007439 | 2T32HL007439-46   | UNIVERSITY OF PENNSYLVANIA              | Hematology Clinical Research Training Program  | BRASS, LAWRENCE F                | Awarded. Non-fellowships only | 1979/07/01 | 2029/06/30 | \$969,764   | \$969,764   | \$436,621   | \$969,764 |
| 2,664 | T32HL007622 | 2T32HL007622-36   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Boxer Training Program in Hematology   | SHAVIT, JORDAN A                 | Awarded. Non-fellowships only | 1986/07/01 | 2029/06/30 | \$579,305   | \$579,305   | \$377,297   | \$579,305 |
| 2,665 | T32DA017637 | 5T32DA017637-20   | UNIVERSITY OF COLORADO                  | Research Training - Genetics of Substance Abuse  | STITZEL, JERRY A                 | Awarded. Non-fellowships only | 2004/07/01 | 2025/06/30 | \$1,505,581 | \$1,505,581 | \$1,769,431 | \$360,480 |
| 2,666 | T32TR004376 | 1T32TR004376-01   | UNIVERSITY OF MINNESOTA                 | CTSA Postdoctoral T32 at University of Minnesota   | FULKERSON, JAYNE ALLYN           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$357,387   | \$357,387   | \$247,276   | \$357,387 |
| 2,667 | TL1TR003136 | 5TL1TR003136-05   | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | J. NRSA Training Core (TL1)  | TOOZE, JANET A                   | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$2,087,650 | \$2,087,650 | \$1,734,914 | \$475,257 |
| 2,668 | F30NS129283 | 5F30NS129283-02   | UNIVERSITY OF FLORIDA                   | Investigating the role of myenteric macrophages in enteric synucleinopathy   | MACKIE, PHILLIP                  | Awarded. Fellowships only     | 2023/05/16 | 2026/05/15 | \$134,887   | \$134,887   | \$80,845    | \$43,704  |
| 2,669 | T32HL086344 | 5T32HL086344-15   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Blood Cells in Hemostasis and Thrombosis   | GINSBERG, MARK HOWARD            | Awarded. Non-fellowships only | 2008/05/01 | 2025/05/30 | \$1,611,013 | \$1,611,013 | \$1,710,654 | \$106,928 |
| 2,670 | T32GM152354 | 1T32GM152354-01   | PENNSYLVANIA STATE UNIVERSITY, THE      | Eukaryotic Gene Regulation (EGR) Training Program  | REESE, JOSEPH C                  | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$417,295   | \$417,295   | \$249,174   | \$417,295 |
| 2,671 | T32HL007344 | 2T32HL007344-46   | UNIVERSITY OF IOWA                      | Program in Hematology: Molecular & Cell Biology of Blood Cells   | LENTZ, STEVEN R                  | Awarded. Non-fellowships only | 1988/07/01 | 2029/07/31 | \$355,583   | \$355,583   | \$262,815   | \$355,583 |
| 2,672 | T32GM148331 | 1T32GM148331-01A1 | STATE UNIVERSITY NEW YORK STONY BROOK   | Scholars in BioMedical Sciences (SBMS) Training Program  | TSIRKA, STYLIANI-ANNA (STELLA) E | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$236,510   | \$236,510   | \$116,200   | \$236,510 |
| 2,673 | T32HL007111 | 5T32HL007111-45   | MAYO CLINIC ROCHESTER                   | Cardiovasology   | TERZIC, ANDRE                    | Awarded. Non-fellowships only | 1975/07/01 | 2026/03/31 | \$2,230,370 | \$2,230,370 | \$2,020,477 | \$340,480 |

|       |             |                   |   |  |                       |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|-----------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,674 | T32GM008280 | 5T32GM008280-35   | BAYLOR COLLEGE OF MEDICINE              | Houston Area Molecular Biophysics Program  | WENSEL, THEODORE G    | Awarded. Non-fellowships only | 1988/09/30 | 2025/06/30 | \$2,247,475 | \$2,247,475 | \$1,987,732 | \$477,482 |
| 2,675 | T32GM132055 | 2T32GM132055-06   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Cellular, Biochemical and Molecular Sciences Training Program  | TRAKTMAN, PAULA       | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$659,231   | \$659,231   | \$404,808   | \$659,231 |
| 2,676 | F32HL168826 | 1F32HL168826-01A1 | UT SOUTHWESTERN MEDICAL CENTER          | Low-energy cooling strategies to reduce the thermal, cardiovascular, and renal consequences of heat waves in the elderly.        | MCKENNA, ZACHARY JOHN | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$73,828    | \$73,828    | \$48,553    | \$73,828  |
| 2,677 | F31MD017471 | 5F31MD017471-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Outlining Shadows of Structural Racism Using Publicly Available Social Determinants of Health Data                               | DYER, ZACHARY         | Award terminated              | 2022/09/01 | 2025/08/31 | \$80,512    | \$80,512    | \$70,412    | \$48,994  |
| 2,678 | T32HL139431 | 5T32HL139431-05   | UNIVERSITY OF MINNESOTA                 | Multidisciplinary training in cardiovascular engineering   | TRANQUILLO, ROBERT T  | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,155,142 | \$1,155,142 | \$1,123,846 | \$235,184 |
| 2,679 | T32MD015070 | 5T32MD015070-05   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | UCSF Data Science Training to Advance Behavioral and Social Science Expertise for Health Research (DaTABASE) Program             | BROWN, WILLIAM        | Awarded. Non-fellowships only | 2020/03/13 | 2025/09/30 | \$995,959   | \$995,959   | \$887,959   | \$210,962 |
| 2,680 | T32GM152836 | 1T32GM152836-01   | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | Medical Scientist Training Program at the University of Nebraska   | MOTT, JUSTIN L        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$129,268   | \$129,268   | \$48,012    | \$129,268 |
| 2,681 | F32GM153029 | 1F32GM153029-01   | DUKE UNIVERSITY                         | Investigation of the role of CuZnSod1 in sensing Cu-deficient conditions in Candida albicans                                     | VACCARO, FRANCESCA    | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$73,408    | \$73,408    | \$51,869    | \$73,408  |
| 2,682 | F31DK136201 | 5F31DK136201-02   | BAYLOR COLLEGE OF MEDICINE              | Investigating phage therapy for the treatment of urinary tract infections  | ZULK, JACOB JEFFREY   | Awarded. Fellowships only     | 2023/08/09 | 2025/08/08 | \$96,668    | \$96,668    | \$86,281    | \$48,974  |
| 2,683 | T32AI007508 | 5T32AI007508-25   | LOYOLA UNIVERSITY CHICAGO               | Experimental Immunology Training Grant   | KNIGHT, KATHERINE L   | Awarded. Non-fellowships only | 1997/08/01 | 2025/08/31 | \$894,961   | \$894,961   | \$899,305   | \$201,603 |
| 2,684 | T32GM145469 | 5T32GM145469-02   | YALE UNIVERSITY                         | Predoctoral Program in Cellular, Molecular and Quantitative Biology (CMQBTP)   | BASERGA, SUSAN J      | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,079,894 | \$1,079,894 | \$827,049   | \$549,359 |
| 2,685 | F31GM143891 | 5F31GM143891-04   | EMORY UNIVERSITY                        | Molecular basis for substrate discrimination by transporter protein MexY of the MexXY-OprM efflux pump in Pseudomonas aeruginosa | KAVANAUGH, LOGAN      | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$189,456   | \$189,456   | \$151,961   | \$48,974  |
| 2,686 | T32AI007474 | 5T32AI007474-30   | VANDERBILT UNIVERSITY MEDICAL CENTER    | Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program   | KALAMS, SPYROS A      | Awarded. Non-fellowships only | 1995/04/01 | 2026/07/31 | \$1,261,554 | \$1,261,554 | \$865,045   | \$327,653 |
| 2,687 | T32GM133352 | 5T32GM133352-05   | DUKE UNIVERSITY                         | Pharmacological Sciences Training Grant  | KUHN, CYNTHIA M       | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,156,440 | \$3,156,440 | \$2,907,768 | \$510,201 |
| 2,688 | T32DK131952 | 1T32DK131952-01A1 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Training Grant in Diabetes and Endocrinology   | ACCILI, DOMENICO      | Awarded. Non-fellowships only | 2024/07/01 | 2029/05/31 | \$298,427   | \$298,427   | \$108,410   | \$298,427 |
| 2,689 | T32GM132022 | 2T32GM132022-06   | UNIVERSITY OF CALIFORNIA BERKELEY       | Genetic Dissection of Cells and Organisms Training Program   | WHITEMAN, NOAH K      | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$763,983   | \$763,983   | \$524,760   | \$763,983 |
| 2,690 | T32GM137793 | 5T32GM137793-04   | VANDERBILT UNIVERSITY                   | Cellular, Biochemical and Molecular Sciences Training Program  | PATTON, JAMES G       | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,714,028 | \$1,714,028 | \$1,438,155 | \$439,487 |
| 2,691 | T34GM145539 | 5T34GM145539-03   | UNIVERSITY OF NEVADA RENO               | MARC at the University of Nevada, Reno   | KIDD, THOMAS          | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$653,962   | \$653,962   | \$553,358   | \$262,311 |
| 2,692 | T32EB021962 | 5T32EB021962-07   | GEORGIA INSTITUTE OF TECHNOLOGY         | T32 Research Training Program in ImmunoEngineering   | BABENSEE, JULIA E     | Awarded. Non-fellowships only | 2017/09/01 | 2028/05/31 | \$429,392   | \$429,392   | \$256,339   | \$212,534 |
| 2,693 | T34GM136469 | 5T34GM136469-05   | UNIVERSITY OF CALIFORNIA AT DAVIS       | MARC at University of California, Davis  | GOMES, ALDRIN V       | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$1,874,010 | \$1,874,010 | \$1,764,522 | \$142,574 |
| 2,694 | T32NS061779 | 2T32NS061779-16   | UNIVERSITY OF PENNSYLVANIA              | Neurologic Clinical Epidemiology Training Program  | KASNER, SCOTT E       | Awarded. Non-fellowships only | 2008/07/08 | 2029/06/30 | \$223,354   | \$223,354   | \$294,201   | \$223,354 |
| 2,695 | T32AI055433 | 5T32AI055433-20   | UNIVERSITY OF MINNESOTA                 | Infectious Disease Training in Clinical Investigation  | BOULWARE, DAVID R     | Awarded. Non-fellowships only | 2003/09/01 | 2025/06/30 | \$1,601,700 | \$1,601,700 | \$1,262,720 | \$370,389 |



|       |             |                 |  |   |                       |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|--|---|-----------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,696 | T32NR014205 | 5T32NR014205-12 | COLUMBIA UNIVERSITY HEALTH SCIENCES    | Systems Science and Comparative and Cost-Effectiveness Research Training for Nurse Scientists (S2CER2)  | POGHOSYAN, LUSINE     | Awarded. Non-fellowships only | 2013/07/01 | 2028/06/30 | \$974,031   | \$974,031   | \$764,915   | \$487,419   |
| 2,697 | T32HL160507 | 5T32HL160507-03 | UNIVERSITY OF CALIFORNIA, SAN DIEGO    | Training in Bioengineering Research and Technology Development in Cardiovascular in Cardiopulmonary Health and Disease  | MCCULLOCH, ANDREW D   | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$963,946   | \$963,946   | \$833,684   | \$319,152   |
| 2,698 | T32GM132061 | 5T32GM132061-05 | UNIVERSITY OF KANSAS LAWRENCE          | Graduate Training at the Biology-Chemistry Interface  | ACKLEY, BRIAN DOUGLAS | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$2,055,952 | \$2,055,952 | \$1,747,463 | \$439,487   |
| 2,699 | T32DC000038 | 5T32DC000038-33 | HARVARD MEDICAL SCHOOL                 | Training for Speech and Hearing Sciences  | GELEOC, GWENAELE S    | Awarded. Non-fellowships only | 1992/07/01 | 2027/06/30 | \$1,592,288 | \$1,592,288 | \$1,420,179 | \$546,703   |
| 2,700 | T32AI177324 | 5T32AI177324-02 | UNIVERSITY OF CALIFORNIA-IRVINE        | Immunology Research Training Grant  | PEARLMAN, ERIC        | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$378,350   | \$378,350   | \$302,032   | \$192,940   |
| 2,701 | T32MH125786 | 5T32MH125786-04 | MCLEAN HOSPITAL                        | Training to Enhance Alignment of Psychiatry and Neuroscience  | CARLEZON, WILLIAM A   | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,607,438 | \$1,607,438 | \$1,320,020 | \$428,884   |
| 2,702 | T32GM135066 | 5T32GM135066-05 | UNIVERSITY OF WISCONSIN-MADISON        | Biotechnology Training Program  | FOX, BRIAN G          | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$5,089,881 | \$5,089,881 | \$4,754,858 | \$1,048,718 |
| 2,703 | T32GM144273 | 5T32GM144273-03 | HARVARD MEDICAL SCHOOL                 | Medical Scientist Training Program  | WALENSKY, LOREN DAVID | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$8,922,388 | \$8,922,388 | \$8,223,659 | \$2,876,924 |
| 2,704 | T32GM132081 | 5T32GM132081-05 | WEILL MEDICAL COLL OF CORNELL UNIV     | Molecular Biophysics Training Program   | ELIEZER, DAVID        | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$918,326   | \$918,326   | \$831,504   | \$206,504   |
| 2,705 | T32HL125204 | 5T32HL125204-10 | CINCINNATI CHILDRENS HOSP MED CTR      | Understanding Cardiovascular Disease Mechanisms   | MOLKENTIN, JEFFERY D  | Awarded. Non-fellowships only | 2014/12/01 | 2026/05/31 | \$1,453,334 | \$1,453,334 | \$1,286,432 | \$240,308   |
| 2,706 | T32GM135457 | 5T32GM135457-05 | JOHNS HOPKINS UNIVERSITY               | Training Program In Cellular and Molecular Medicine   | RAO, RAJINI           | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$3,809,326 | \$3,809,326 | \$3,451,136 | \$778,454   |
| 2,707 | T32GM137868 | 5T32GM137868-04 | CLEVELAND CLINIC LERNER COM-CWRU       | Molecular Medicine Training Program at Cleveland Clinic/Case Western Reserve University   | SMITH, JONATHAN D     | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,252,731 | \$1,252,731 | \$1,039,756 | \$329,616   |
| 2,708 | T32DK007658 | 5T32DK007658-34 | UNIVERSITY OF COLORADO DENVER          | Institutional Training Program in Nutrition   | KREBS, NANCY F        | Awarded. Non-fellowships only | 1991/07/15 | 2026/06/30 | \$1,651,161 | \$1,651,161 | \$1,464,862 | \$305,810   |
| 2,709 | TL1DK132770 | 5TL1DK132770-04 | CLEVELAND CLINIC LERNER COM-CWRU       | KUH-TN Training Core  | GARVIN, JEFFREY L     | Awarded. Non-fellowships only | 2021/09/15 | 2026/05/31 | \$1,462,296 | \$1,462,296 | \$986,151   | \$338,855   |
| 2,710 | T32HL094274 | 5T32HL094274-13 | STANFORD UNIVERSITY                    | Training in Myocardial Biology at Stanford  | BERNSTEIN, DANIEL     | Awarded. Non-fellowships only | 2010/07/01 | 2027/05/31 | \$1,154,002 | \$1,154,002 | \$814,153   | \$329,601   |
| 2,711 | F30AG077800 | 5F30AG077800-03 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Treatment of Alzheimer's Disease using Ultrasound-Targeted Microbubble Cavitation-Mediated Blood Brain Barrier Opening to Facilitate Drug Delivery to the Brain | CONWAY, GRACE         | Awarded. Fellowships only     | 2022/07/27 | 2027/07/26 | \$158,440   | \$158,440   | \$125,347   | \$53,994    |
| 2,712 | F31HD108918 | 5F31HD108918-03 | JOHNS HOPKINS UNIVERSITY               | The role of ESCRTs in signaling within the testis stem cell niche   | GRACE, MARA RUTH      | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$115,148   | \$48,974    |
| 2,713 | T32MH100019 | 5T32MH100019-12 | WASHINGTON UNIVERSITY                  | Developmental Neuroscience and Child Psychopathology  | LUBY, JOAN L          | Awarded. Non-fellowships only | 2013/07/01 | 2028/06/30 | \$835,188   | \$835,188   | \$702,463   | \$426,197   |
| 2,714 | F30EY033647 | 5F30EY033647-03 | BOSTON UNIVERSITY MEDICAL CAMPUS       | Delayed wound healing in diabetic corneal epithelia: reduction in protein response after injury and uncoordinated cell-cell communication                       | SEGARS, KRISTEN       | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$158,420   | \$158,420   | \$123,437   | \$53,974    |
| 2,715 | T32MH122357 | 5T32MH122357-05 | JOHNS HOPKINS UNIVERSITY               | Data integration for causal inference in behavioral health  | STUART, ELIZABETH A   | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,283,971 | \$1,283,971 | \$1,193,732 | \$263,960   |
| 2,716 | T32GM132046 | 2T32GM132046-06 | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Michigan Chemistry-Biology Interface Training Program   | KOUTMOU, KRISTIN S    | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$494,488   | \$549,359   |
| 2,717 | T32CA102618 | 2T32CA102618-21 | UNIVERSITY OF ROCHESTER                | Clinical and Translational Cancer Control Research Training Program   | JANELSINS, MICHELLE C | Awarded. Non-fellowships only | 2019/07/01 | 2029/07/31 | \$340,950   | \$340,950   | \$293,527   | \$340,950   |

|       |             |                 |   |   |                         |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|---|---|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,718 | T32DK007180 | 5T32DK007180-50 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Gastroenterology  | JENSEN, DENNIS MICHAEL  | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$2,087,508 | \$2,087,508 | \$1,536,766 | \$586,176   |
| 2,719 | F31HL168800 | 5F31HL168800-02 | GEORGE WASHINGTON UNIVERSITY            | Gene Modulation of Acetylation Modifiers to Reveal Regulatory Links to Human Cardiac Electromechanics | POZO, MARIA             | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$70,856    | \$70,856    | \$62,868    | \$32,974    |
| 2,720 | T34GM149511 | 5T34GM149511-02 | EMORY UNIVERSITY                        | MARC at Emory University  | CORBETT, ANITA H        | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$689,556   | \$689,556   | \$536,007   | \$344,778   |
| 2,721 | T34GM140932 | 5T34GM140932-04 | WAYNE STATE UNIVERSITY                  | MARC at Wayne State University  | ALLEN, MATTHEW J        | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,593,075 | \$1,593,075 | \$1,184,095 | \$401,282   |
| 2,722 | T32GM153375 | 1T32GM153375-01 | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | Fundamental Training Program in Biochemistry and Molecular Biology Research                           | CAPLAN, STEVEN H        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$320,742   | \$320,742   | \$244,836   | \$320,742   |
| 2,723 | F31DA053774 | 5F31DA053774-03 | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Developing a Gene-Based Approach for Lasting Protection from Opioid Use Disorder                      | CLEMENZA, KELLY         | Awarded. Fellowships only     | 2022/06/07 | 2025/06/06 | \$143,420   | \$143,420   | \$133,870   | \$48,974    |
| 2,724 | T32GM142621 | 5T32GM142621-04 | UNIVERSITY OF TENNESSEE KNOXVILLE       | Integrated Membrane Program (IMP)   | REYNOLDS, TODD B        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,106,443 | \$1,106,443 | \$895,853   | \$329,616   |
| 2,725 | T32ES007091 | 2T32ES007091-41 | UNIVERSITY OF ARIZONA                   | Training in Environmental Toxicology of Human Disease   | CHERRINGTON, NATHAN J   | Awarded. Non-fellowships only | 1979/07/01 | 2029/06/30 | \$671,592   | \$671,592   | \$637,573   | \$671,592   |
| 2,726 | F31MH128135 | 5F31MH128135-03 | UNIVERSITY OF PENNSYLVANIA              | Pre-Exposure Prophylaxis (PrEP) inhibits oligodendrocyte differentiation in vivo                      | LONG, CAELA             | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$130,860   | \$130,860   | \$99,771    | \$36,413    |
| 2,727 | T34GM140956 | 5T34GM140956-04 | UNIVERSITY OF CALIFORNIA SANTA CRUZ     | The MARC Program at UCSC  | RUBIN, SETH MICHAEL     | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$3,307,662 | \$3,307,662 | \$1,897,707 | \$897,826   |
| 2,728 | T32AR007258 | 2T32AR007258-46 | MASSACHUSETTS GENERAL HOSPITAL          | Research Training in Rheumatology at Massachusetts General Hospital                                   | LUSTER, ANDREW D        | Awarded. Non-fellowships only | 1977/07/01 | 2029/06/30 | \$449,916   | \$449,916   | \$371,676   | \$449,916   |
| 2,729 | T32EB025816 | 2T32EB025816-06 | GEORGIA INSTITUTE OF TECHNOLOGY         | Training in Computational Neural Engineering  | STANLEY, GARRETT B      | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$306,075   | \$306,075   | \$144,435   | \$306,075   |
| 2,730 | T32MH112507 | 5T32MH112507-08 | UNIVERSITY OF CALIFORNIA AT DAVIS       | Learning, Memory, and Plasticity (LaMP) Training Program  | ZITO, KAREN             | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$804,800   | \$804,800   | \$692,517   | \$290,382   |
| 2,731 | T34GM145447 | 5T34GM145447-03 | UNIVERSITY OF FLORIDA                   | MARC at the University of Florida   | JULIAN, DAVID           | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$845,347   | \$845,347   | \$512,233   | \$358,897   |
| 2,732 | F31HD108921 | 5F31HD108921-03 | STATE UNIVERSITY NEW YORK STONY BROOK   | Cell Cycle Regulation of Cell Fate and Morphogenesis in D. rerio                                      | STETTINISCH, SAMANTHA   | Awarded. Fellowships only     | 2022/05/19 | 2025/05/18 | \$114,000   | \$114,000   | \$111,577   | \$39,406    |
| 2,733 | T32ES007018 | 5T32ES007018-48 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Biostatistics for Research in Environmental Health  | FRY, REBECCA            | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$4,272,137 | \$4,272,137 | \$3,818,942 | \$1,387,182 |
| 2,734 | T32GM136615 | 5T32GM136615-05 | UNIVERSITY OF VIRGINIA                  | Biotechnology Training Program  | BLEMKER, SILVIA SALINAS | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,569,941 | \$2,569,941 | \$2,230,483 | \$549,359   |
| 2,735 | T32MH096679 | 5T32MH096679-12 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Research Training in Biobehavioral Disturbances of Eating Disorders                                   | ATTIA, EVELYN           | Awarded. Non-fellowships only | 2013/06/01 | 2028/06/30 | \$418,385   | \$418,385   | \$343,578   | \$176,220   |
| 2,736 | T32NS105602 | 2T32NS105602-06 | UNIVERSITY OF WISCONSIN-MADISON         | Neuroscience Training Program   | ROSENBERG, ARI          | Awarded. Non-fellowships only | 2019/07/15 | 2029/06/30 | \$330,912   | \$330,912   | \$220,547   | \$330,912   |
| 2,737 | T32AI055397 | 5T32AI055397-20 | UNIVERSITY OF WISCONSIN-MADISON         | Microbes in Health and Disease  | KLEIN, BRUCE STEVEN     | Awarded. Non-fellowships only | 2003/08/01 | 2025/07/31 | \$2,174,539 | \$2,174,539 | \$2,008,319 | \$421,380   |
| 2,738 | T32GM145460 | 5T32GM145460-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Research Training in Chemistry and Chemical Biology   | GESTWICKI, JASON E      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,920,307 | \$1,920,307 | \$1,591,536 | \$659,231   |
| 2,739 | T32HL087738 | 5T32HL087738-19 | VANDERBILT UNIVERSITY MEDICAL CENTER    | Clinical and Translational Training Program in Pulmonary Medicine                                     | WARE, LORRAINE B        | Awarded. Non-fellowships only | 2007/04/01 | 2027/06/30 | \$1,388,269 | \$1,388,269 | \$1,290,892 | \$478,860   |
| 2,740 | T32GM144300 | 5T32GM144300-03 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Medical Scientist Training Program  | STEINMAN, RICHARD A     | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$4,846,581 | \$4,846,581 | \$3,940,216 | \$1,738,142 |
| 2,741 | T32DK007754 | 5T32DK007754-24 | MASSACHUSETTS GENERAL HOSPITAL          | Research Training in Alimentary Tract Surgery   | HODIN, RICHARD A        | Awarded. Non-fellowships only | 1997/07/18 | 2026/06/30 | \$1,784,783 | \$1,784,783 | \$1,654,307 | \$390,378   |

|       |             |                 |  |   |                          |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,742 | T32AI007025 | 5T32AI007025-42 | WASHINGTON STATE UNIVERSITY              | Infectious Diseases and Microbial Immunology Post-doctoral Training Program                               | KAWULA, THOMAS H         | Awarded. Non-fellowships only | 1989/09/30 | 2027/07/31 | \$1,078,656 | \$1,078,656 | \$672,728   | \$178,707 |
| 2,743 | T32DA022981 | 2T32DA022981-16 | UNIV OF ARKANSAS FOR MED SCIS            | Translational Training in Addiction   | ZIELINSKI, MELISSA JEAN  | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$980,582   | \$980,582   | \$124,653   | \$491,399 |
| 2,744 | T32AI100853 | 5T32AI100853-13 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Training Program in Immunology and Inflammation   | SCHWAB, SUSAN RUTH       | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$1,516,880 | \$1,516,880 | \$942,933   | \$385,104 |
| 2,745 | F31HD112202 | 5F31HD112202-02 | UNIVERSITY OF WASHINGTON                 | Early Childhood Education and Violence Prevention Across the Life Course and Generations                  | SCHLEIMER, JULIA         | Awarded. Fellowships only     | 2023/06/16 | 2025/06/15 | \$96,668    | \$96,668    | \$94,837    | \$48,974  |
| 2,746 | F30ES034271 | 5F30ES034271-03 | DUKE UNIVERSITY                          | Defining Novel Roles of Ubiquitin Accumulation During the Mammalian Oxidative Stress Response             | MADUKA, AUSTIN O         | Awarded. Fellowships only     | 2022/06/01 | 2025/06/30 | \$169,618   | \$169,618   | \$136,013   | \$53,974  |
| 2,747 | T32MH093315 | 5T32MH093315-12 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Postdoctoral Training in Reproductive Mood Disorders  | GIRDLER, SUSAN S         | Awarded. Non-fellowships only | 2012/07/01 | 2028/06/30 | \$499,866   | \$499,866   | \$363,723   | \$259,566 |
| 2,748 | T32NR007104 | 2T32NR007104-26 | UNIVERSITY OF PENNSYLVANIA               | Advanced Training in Nursing Outcomes Research  | MCHUGH, MATTHEW D        | Awarded. Non-fellowships only | 1999/06/01 | 2029/06/30 | \$495,067   | \$495,067   | \$363,477   | \$495,067 |
| 2,749 | T32MH119049 | 2T32MH119049-06 | UNIVERSITY OF CALIFORNIA-IRVINE          | Howard Schneiderman Training Program in Learning and Memory   | YASSA, MICHAEL A         | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$197,372   | \$197,372   | \$183,181   | \$197,372 |
| 2,750 | T32AR069515 | 5T32AR069515-08 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Translational Basic and Clinical Research Training in Rheumatology  | BUYON, JILL P            | Awarded. Non-fellowships only | 2017/05/01 | 2027/05/31 | \$855,742   | \$855,742   | \$770,577   | \$304,489 |
| 2,751 | T32AG062409 | 5T32AG062409-05 | JACKSON LABORATORY                       | Training Program in Precision Genetics of Aging, Alzheimers Disease and Related Dementias                 | KORSTANJE, RONNY         | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,218,954 | \$1,218,954 | \$1,110,236 | \$246,746 |
| 2,752 | T34GM149482 | 5T34GM149482-02 | UNIVERSITY OF ARIZONA                    | MARC Biomedical Research and Training Program at the University of Arizona                                | MIRANDA, KATRINA M       | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$794,858   | \$794,858   | \$704,664   | \$528,646 |
| 2,753 | F32HL167551 | 5F32HL167551-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Physiologic Predictors of Respiratory Failure in Patients Presenting with Dyspnea                         | MCGUIRE, WILLIAM CAMERON | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$172,792   | \$172,792   | \$148,716   | \$89,488  |
| 2,754 | T32TR004904 | 1T32TR004904-01 | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | CTSA Postdoctoral T32 at the University of Texas Health Science Center at Houston                         | FROST, JEFFREY A         | Awarded. Non-fellowships only | 2024/08/01 | 2029/06/30 | \$259,042   | \$259,042   | \$9,693     | \$259,042 |
| 2,755 | T32NS115724 | 5T32NS115724-04 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Neural Engineering Training Program (NETP)  | WEILAND, JAMES D         | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$751,430   | \$751,430   | \$723,030   | \$212,166 |
| 2,756 | T35AG038047 | 5T35AG038047-15 | UNIV OF NORTH CAROLINA CHAPEL HILL       | UNC-CH Summer Research Training in Aging for Medical Students   | BUSBY-WHITEHEAD, JAN     | Awarded. Non-fellowships only | 2010/05/01 | 2025/05/31 | \$489,320   | \$489,320   | \$422,182   | \$80,153  |
| 2,757 | F31NS132564 | 5F31NS132564-02 | AUGUSTA UNIVERSITY                       | The Role of Adenosine Kinase in Mixed Diastolic Heart Failure and Alzheimer Disease                       | FOPIANO, KATIE ANNE      | Awarded. Fellowships only     | 2023/07/01 | 2025/11/30 | \$87,914    | \$87,914    | \$58,849    | \$44,597  |
| 2,758 | T32ES023769 | 5T32ES023769-09 | NORTHEASTERN UNIVERSITY                  | Transdisciplinary Training at the Intersection of Environmental Health Science and Social Science (EH+SS) | BROWN, PHILIP M          | Awarded. Non-fellowships only | 2015/07/01 | 2026/06/30 | \$1,716,362 | \$1,716,362 | \$1,418,162 | \$499,541 |
| 2,759 | T32MH018268 | 5T32MH018268-40 | YALE UNIVERSITY                          | Training Program in Childhood Neuropsychiatric Disorders  | CROWLEY, MICHAEL J       | Awarded. Non-fellowships only | 1985/07/01 | 2025/06/30 | \$2,440,064 | \$2,440,064 | \$2,263,625 | \$516,421 |
| 2,760 | F32GM151832 | 5F32GM151832-02 | PRINCETON UNIVERSITY                     | New Synthetic Methods Utilizing Radical Cation Intermediates Enabled by Visible Light Photocatalysis      | THACH, DANNY             | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$143,364   | \$143,364   | \$127,967   | \$74,284  |
| 2,761 | T32AI089474 | 5T32AI089474-14 | CASE WESTERN RESERVE UNIVERSITY          | Immunology Training Program-Predocctoral  | COBB, BRIAN A            | Awarded. Non-fellowships only | 2010/05/15 | 2026/05/31 | \$1,210,780 | \$1,210,780 | \$957,840   | \$302,167 |
| 2,762 | T32NS096050 | 5T32NS096050-29 | EMORY UNIVERSITY                         | Training In Systems And Integrative Biology Neuroscience  | SMITH, YOLAND            | Awarded. Non-fellowships only | 1996/07/01 | 2026/06/30 | \$1,419,567 | \$1,419,567 | \$1,317,964 | \$332,393 |
| 2,763 | T32GM075770 | 5T32GM075770-18 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Research Training in Anesthesiology and Pain Medicine   | XU, YAN                  | Awarded. Non-fellowships only | 2007/07/01 | 2027/06/30 | \$1,200,519 | \$1,200,519 | \$748,754   | \$420,811 |
| 2,764 | T32GM146604 | 5T32GM146604-03 | CALIFORNIA STATE UNIVERSITY SAN MARCOS   | Bridges to the Doctorate Research Training Program at CSU San Marcos with UCSD and TSRI                   | JAMESON, JULIE M         | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$1,215,329 | \$1,215,329 | \$1,036,004 | \$496,804 |

|       |             |                 |   |  |                            |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,765 | F31AT012424 | 5F31AT012424-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Characterizing the relationship between objective physical activity and momentary pain in cognitive behavioral interventions for chronic pain                                | TYNAN, MARA                | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$81,352    | \$81,352    | \$71,460    | \$41,316  |
| 2,766 | F30CA271654 | 5F30CA271654-03 | UNIVERSITY OF PENNSYLVANIA              | Investigating the Role of Reduced Branched-Chain Amino Acid Catabolism in Clear Cell Renal Cell Carcinoma  | COFFEY, NATHAN JACKSON     | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$123,298   | \$123,298   | \$112,191   | \$36,413  |
| 2,767 | T32DK007516 | 5T32DK007516-40 | BETH ISRAEL DEACONESS MEDICAL CENTER    | Integrated Endocrine and Metabolic Research Training   | KAHN, BARBARA B            | Awarded. Non-fellowships only | 1985/07/01 | 2025/06/30 | \$1,542,124 | \$1,542,124 | \$1,308,792 | \$288,433 |
| 2,768 | T32NS115753 | 5T32NS115753-05 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Training in Neurotechnology Translation  | SUTHANA, NANTHIA A         | Awarded. Non-fellowships only | 2020/07/15 | 2025/06/30 | \$1,242,963 | \$1,242,963 | \$968,782   | \$181,671 |
| 2,769 | T32AI007635 | 5T32AI007635-25 | UNIVERSITY OF WISCONSIN-MADISON         | Wisconsin Allergy Research Training (WISCART) Program  | GERN, JAMES E              | Awarded. Non-fellowships only | 2000/08/01 | 2025/08/31 | \$1,537,993 | \$1,537,993 | \$1,325,114 | \$337,172 |
| 2,770 | T32NS047987 | 5T32NS047987-17 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Training Program in the Neuroscience of Human Cognition  | ZELANO, CHRISTINA MARIA    | Awarded. Non-fellowships only | 2006/07/01 | 2028/06/30 | \$879,316   | \$879,316   | \$526,665   | \$449,701 |
| 2,771 | F30AI179222 | 5F30AI179222-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Oxygen sensation in human-parasitic skin-penetrating nematodes   | WALSH, BREANNA M           | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$86,312    | \$86,312    | \$75,088    | \$43,796  |
| 2,772 | T32NS126157 | 5T32NS126157-03 | WASHINGTON UNIVERSITY                   | Translational Neuroscience and Neurotechnology Training (TNNI)   | MORAN, DANIEL WILLIAM      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$548,964   | \$548,964   | \$151,859   | \$204,528 |
| 2,773 | T32NS091008 | 5T32NS091008-10 | UNIVERSITY OF PENNSYLVANIA              | Remapping Clinical Neuroscience through Translation and Innovation Training (ReCoNnect-IT)   | JENSEN, FRANCES E          | Awarded. Non-fellowships only | 2015/07/01 | 2025/06/30 | \$1,742,558 | \$1,742,558 | \$1,181,570 | \$1       |
| 2,774 | T32DK007699 | 5T32DK007699-43 | BOSTON CHILDREN'S HOSPITAL              | RESEARCH IN DEVELOPMENTAL ENDOCRINOLOGY AND METABOLISM   | HIRSCHHORN, JOEL N         | Awarded. Non-fellowships only | 1992/07/01 | 2027/06/30 | \$1,135,216 | \$1,135,216 | \$935,740   | \$355,695 |
| 2,775 | F31NS134189 | 5F31NS134189-02 | BRANDEIS UNIVERSITY                     | Identifying the Mechanisms and Localization of Activity-Dependent CaMKII Synthesis   | CLEMENTS, KELSEY           | Awarded. Fellowships only     | 2023/07/16 | 2026/07/15 | \$76,864    | \$76,864    | \$59,600    | \$38,233  |
| 2,776 | T32CA079443 | 5T32CA079443-24 | MASSACHUSETTS GENERAL HOSPITAL          | TRAINING GRANT IN MOLECULAR IMAGING RESEARCH AND CANCER SYSTEMS ANALYSIS   | WEISSELEDER MD PHD, RALPH  | Awarded. Non-fellowships only | 2000/03/16 | 2026/06/30 | \$2,360,990 | \$2,360,990 | \$2,269,394 | \$673,624 |
| 2,777 | T32NS100663 | 5T32NS100663-07 | MASSACHUSETTS GENERAL HOSPITAL          | Program in Recovery and Restoration of CNS Health and Function   | HOCHBERG, LEIGH R          | Awarded. Non-fellowships only | 2018/05/01 | 2028/06/30 | \$700,491   | \$700,491   | \$397,892   | \$326,298 |
| 2,778 | T32CA272386 | 5T32CA272386-02 | BRIGHAM AND WOMEN'S HOSPITAL            | Cancer Neuroscience Training Program   | BATCHELOR, TRACY T         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,047,077 | \$1,047,077 | \$646,445   | \$550,907 |
| 2,779 | F31MH127943 | 5F31MH127943-03 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Dissecting Cell-Specific Brainstem Circuits Mediating Escape Behavior  | TOROSSIAN, ANITA           | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$118,886   | \$118,886   | \$111,830   | \$40,796  |
| 2,780 | F31DA059237 | 5F31DA059237-02 | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | Evaluation of inflammation in the locus coeruleus during physical withdrawal symptoms and cognitive development in a rat model of neonatal opioid withdrawal syndrome (NOWS) | MILLS-HUFFNAGLE, SARA LYNN | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$75,909    | \$75,909    | \$62,542    | \$38,901  |
| 2,781 | F30MH134458 | 5F30MH134458-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Elucidating the Role of Brain Extracellular Matrix in Hippocampal Learning and Memory  | GUAJARDO, RICARDO          | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$81,125    | \$81,125    | \$73,974    | \$41,324  |
| 2,782 | T32GM141938 | 5T32GM141938-04 | OREGON HEALTH & SCIENCE UNIVERSITY      | Medical Scientist Training Program of Oregon Health & Science University   | JACOBY, DAVID B            | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,660,616 | \$3,660,616 | \$3,274,497 | \$958,975 |
| 2,783 | T32HL130025 | 5T32HL130025-09 | EMORY UNIVERSITY                        | Multidisciplinary Research Training to Reduce Inequalities in Cardiovascular Health  | VACCARINO, VIOLA           | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$2,835,757 | \$2,835,757 | \$2,371,713 | \$748,789 |
| 2,784 | T32EB003841 | 5T32EB003841-19 | UNIVERSITY OF VIRGINIA                  | Training in Cardiovascular Imaging Research  | LINDNER, JONATHAN R        | Awarded. Non-fellowships only | 2004/07/01 | 2026/06/30 | \$814,773   | \$814,773   | \$735,574   | \$190,387 |
| 2,785 | T32CA126607 | 5T32CA126607-15 | JOHNS HOPKINS UNIVERSITY                | Clinical and Laboratory Research Training for Surgical Oncologists   | CAMERON, ANDREW M          | Awarded. Non-fellowships only | 2008/09/26 | 2025/06/30 | \$2,476,490 | \$2,476,490 | \$2,304,816 | \$520,886 |
| 2,786 | F32HL162428 | 7F32HL162428-03 | YALE UNIVERSITY                         | The Role of Macrophages in Pulmonary Regeneration using a Bioengineered Whole Lung Tissue Model  | GREANEY, ALLISON MARIE     | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$213,430   | \$213,430   | \$192,519   | \$76,756  |

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|-------|-------------|-----------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,787 | F30DA056227 | 5F30DA056227-03 | ALBERT EINSTEIN COLLEGE OF MEDICINE    | Reward Function in Adolescents with Depression and Cannabis Use  | NGUYEN, TRAM NGOC BAO      | Awarded. Fellowships only     | 2022/08/16 | 2025/08/15 | \$158,420   | \$158,420   | \$142,057   | \$53,974  |
| 2,788 | F30DK128884 | 5F30DK128884-04 | TUFTS UNIVERSITY BOSTON                | Interleukin-13 in Central Regulation of Metabolism   | CHALOM, MAYER MARC         | Awarded. Fellowships only     | 2021/08/16 | 2026/08/15 | \$181,244   | \$181,244   | \$171,833   | \$53,974  |
| 2,789 | F32MH131232 | 5F32MH131232-03 | HARVARD MEDICAL SCHOOL                 | Dissecting Mechanisms of Striatal Acetylcholine Transmission in the Vertebrate Brain   | BEESON, KATHLEEN ALLISON   | Awarded. Fellowships only     | 2022/08/01 | 2025/12/18 | \$221,430   | \$221,430   | \$156,558   | \$79,756  |
| 2,790 | F32NS131217 | 5F32NS131217-02 | UNIV OF NORTH CAROLINA CHAPEL HILL     | Understanding the Distributed Control of Flexible Behavior   | LEMKE, STEFAN              | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$146,256   | \$146,256   | \$121,111   | \$76,756  |
| 2,791 | F32HD113431 | 5F32HD113431-02 | STANFORD UNIVERSITY                    | Neuronal and genetic imprints of male mating experience  | YANG, RENZHI               | Awarded. Fellowships only     | 2023/07/15 | 2026/07/14 | \$143,364   | \$143,364   | \$97,699    | \$74,284  |
| 2,792 | T32CA060441 | 5T32CA060441-32 | JOHNS HOPKINS UNIVERSITY               | Lab Research Training in Pediatric Oncology-Hematology   | FRIEDMAN, ALAN D           | Awarded. Non-fellowships only | 1993/09/30 | 2028/07/31 | \$1,250,822 | \$1,250,822 | \$1,207,294 | \$665,090 |
| 2,793 | T90DE026110 | 5T90DE026110-08 | ADA FORSYTH INSTITUTE, INC.            | Forsyth Training in Oral Health Research   | VAN DYKE, THOMAS ELLIOTT   | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$864,000   | \$864,000   | \$690,905   | \$378,938 |
| 2,794 | T32OD011126 | 5T32OD011126-46 | UNIVERSITY OF MISSOURI-COLUMBIA        | Postdoctoral Training in Comparative Medicine  | BRYDA, ELIZABETH C         | Awarded. Non-fellowships only | 1977/07/01 | 2026/06/30 | \$1,060,627 | \$1,060,627 | \$940,360   | \$227,159 |
| 2,795 | T32HL160493 | 5T32HL160493-03 | CHILDREN'S HOSP OF PHILADELPHIA        | Multidisciplinary Training Program in Pediatric Lung Diseases  | YOUNG, LISA R              | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,284,162 | \$1,284,162 | \$838,485   | \$448,176 |
| 2,796 | T32DK007135 | 5T32DK007135-49 | UNIVERSITY OF COLORADO DENVER          | Renal and Electrolyte Disease and Hypertension   | KENDRICK, JESSICA B        | Awarded. Non-fellowships only | 1983/07/01 | 2025/06/30 | \$1,363,295 | \$1,363,295 | \$1,163,172 | \$310,248 |
| 2,797 | T32GM145438 | 5T32GM145438-02 | ALBERT EINSTEIN COLLEGE OF MEDICINE    | Training Program in Cellular and Molecular Biology and Genetics  | QUERY, CHARLES C           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,187,884 | \$1,187,884 | \$924,790   | \$604,295 |
| 2,798 | T90DE030853 | 5T90DE030853-03 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Pittsburgh Craniofacial Sciences Training Program  | SFEIR, CHARLES             | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,083,219 | \$1,083,219 | \$771,112   | \$380,233 |
| 2,799 | F32DK135331 | 5F32DK135331-02 | SCRIPPS RESEARCH INSTITUTE, THE        | Characterization of TMEM164 as novel multi-pass transmembrane enzyme and its role in ferroptosis                                     | WARE, TIMOTHY BRANDON      | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$146,256   | \$146,256   | \$137,165   | \$76,756  |
| 2,800 | F31CA281079 | 5F31CA281079-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Role of hypoxia in CD8+ T cell exclusion and suppression in pancreatic cancer  | MELLO, ASHLEY              | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$82,048    | \$82,048    | \$82,048    | \$41,664  |
| 2,801 | F31CA281039 | 5F31CA281039-02 | UNIVERSITY OF MINNESOTA                | HMGB1 in EB-Associated Squamous Cell Carcinoma   | BUI, KACEY LINNEA GUENTHER | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$76,772    | \$76,772    | \$71,322    | \$35,163  |
| 2,802 | T32HL007605 | 5T32HL007605-40 | UNIVERSITY OF CHICAGO                  | Research training in respiratory biology   | MUTLU, GOKHAN M            | Awarded. Non-fellowships only | 1985/08/01 | 2025/06/30 | \$3,958,666 | \$3,958,666 | \$3,048,130 | \$950,124 |
| 2,803 | T32HG009496 | 5T32HG009496-08 | UNIVERSITY OF PENNSYLVANIA             | Penn Postdoctoral Training Program in the Ethical, Legal and Social Implications of Genetics and Genomics                            | JOFFE, STEVEN              | Awarded. Non-fellowships only | 2017/06/07 | 2027/05/31 | \$1,160,449 | \$1,160,449 | \$1,148,039 | \$433,850 |
| 2,804 | F30AG079573 | 5F30AG079573-03 | OHIO STATE UNIVERSITY                  | Characterizing and Targeting Filament Polymorphism in Tauopathies  | MALYSHKA, DMITRY           | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$137,908   | \$137,908   | \$106,861   | \$53,974  |
| 2,805 | F31AG082498 | 5F31AG082498-02 | UNIVERSITY OF TEXAS SAN ANTONIO        | Modeling Alzheimers Disease in Hispanic Latino populations using human cortical organoids  | MEYER-ACOSTA, KARINA K     | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$79,150    | \$79,150    | \$73,846    | \$40,215  |
| 2,806 | T32GM141602 | 5T32GM141602-03 | SAINT LOUIS UNIVERSITY                 | Pharmacological Sciences Training Grant  | YOSTEN, GINA L C           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$741,934   | \$741,934   | \$500,325   | \$255,280 |
| 2,807 | F31DC021355 | 5F31DC021355-02 | UNIV OF MARYLAND, COLLEGE PARK         | Corticofugal contributions to auditory perceptual learning   | YING, ROSE                 | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$76,360    | \$76,360    | \$67,023    | \$38,820  |
| 2,808 | F31MH134582 | 5F31MH134582-02 | DREXEL UNIVERSITY                      | Anterior Cingulate Cortex preferentially drives dorsal CA1 deep neuronal activity during sharp-wave ripples for memory consolidation | HALL, ARRON FRANKLIN       | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$96,668    | \$96,668    | \$91,645    | \$48,974  |
| 2,809 | T32NS105604 | 5T32NS105604-07 | UNIVERSITY OF MINNESOTA                | Predoctoral Training of Neuroscientists  | REDISH, A DAVID            | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$836,347   | \$836,347   | \$777,096   | \$425,703 |
| 2,810 | T32AI118684 | 5T32AI118684-08 | UNIVERSITY OF PENNSYLVANIA             | Combined Adult and Pediatric Infectious Disease Postdoctoral Training Grant  | ODOM JOHN, AUDREY RAGAN    | Awarded. Non-fellowships only | 2016/08/08 | 2027/06/30 | \$721,188   | \$721,188   | \$599,045   | \$250,545 |

|       |             |                 |   |  |                                  |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|---|--|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,811 | F31NS129062 | 5F31NS129062-03 | BAYLOR COLLEGE OF MEDICINE              | INVESTIGATING THE ROLE OF THE CYTOSKELETON IN NEURODEGENERATION                                      | STEPHENS, MORGAN CATHERINE       | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$143,420   | \$143,420   | \$124,605   | \$48,974    |
| 2,812 | T32GM133398 | 5T32GM133398-05 | UNIVERSITY OF PENNSYLVANIA              | Predoctoral Training at the Chemistry-Biology Interface  | MARMORSTEIN, RONEN               | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,541,971 | \$1,541,971 | \$1,129,671 | \$329,616   |
| 2,813 | T32HD101390 | 5T32HD101390-05 | PENNSYLVANIA STATE UNIVERSITY, THE      | Creating the Next Generation of Scholars in CM Science (CMT32)                                       | SCHREIER, HANNAH MILENA CAROLINE | Awarded. Non-fellowships only | 2020/05/11 | 2026/04/30 | \$1,559,968 | \$1,559,968 | \$1,315,273 | \$180,465   |
| 2,814 | T32CA071341 | 5T32CA071341-27 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Cancer Cell Biology Training Program   | DER, CHANNING J                  | Awarded. Non-fellowships only | 1996/09/30 | 2028/06/30 | \$647,576   | \$647,576   | \$489,412   | \$332,856   |
| 2,815 | T32NS121920 | 5T32NS121920-03 | UNIVERSITY OF MINNESOTA                 | Training Program in Translational Neuromodulation  | JOHNSON, MATTHEW DOUGLAS         | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$814,088   | \$814,088   | \$509,427   | \$186,852   |
| 2,816 | T32GM136560 | 5T32GM136560-05 | BAYLOR COLLEGE OF MEDICINE              | Training Program in Cell and Molecular Biology   | NELSON, DAVID LOREN              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,142,059 | \$2,142,059 | \$1,766,100 | \$419,487   |
| 2,817 | T32NS077889 | 5T32NS077889-13 | UNIVERSITY OF KENTUCKY                  | Neurobiology of CNS Injury and Repair  | SAATMAN, KATHRYN E               | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$598,603   | \$598,603   | \$504,578   | \$177,281   |
| 2,818 | T32GM136627 | 5T32GM136627-05 | DUKE UNIVERSITY                         | Genetics and Genomics Training Grant   | ASHLEY-KOCH, ALLISON E           | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,569,941 | \$2,569,941 | \$2,281,628 | \$549,359   |
| 2,819 | T32NS007453 | 5T32NS007453-24 | UNIVERSITY OF CINCINNATI                | Predoctoral Training Program in the Neurosciences  | HERMAN, JAMES P                  | Awarded. Non-fellowships only | 1997/09/30 | 2026/06/30 | \$700,711   | \$700,711   | \$722,408   | \$82,756    |
| 2,820 | T32GM136577 | 5T32GM136577-05 | JOHNS HOPKINS UNIVERSITY                | Medical Scientist Training Program   | COX, ANDREA L                    | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$9,307,687 | \$9,307,687 | \$8,414,450 | \$1,917,949 |
| 2,821 | T32GM135134 | 5T32GM135134-05 | UNIVERSITY OF ROCHESTER                 | Training in Cellular, Biochemical and Molecular Sciences   | MAQUAT, LYNN E                   | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,030,978 | \$2,030,978 | \$1,844,883 | \$417,287   |
| 2,822 | T32MH015750 | 5T32MH015750-44 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Biobehavioral Issues in Physical and Mental Health   | DUNKEL SCHETTER, CHRISTINE       | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$1,081,519 | \$1,081,519 | \$1,058,106 | \$304,425   |
| 2,823 | T32NS091018 | 5T32NS091018-24 | JOHNS HOPKINS UNIVERSITY                | Training Program in Neuroscience   | KNIERIM, JAMES J                 | Awarded. Non-fellowships only | 1999/07/01 | 2026/06/30 | \$1,661,009 | \$1,661,009 | \$1,525,950 | \$418,525   |
| 2,824 | F31DK137424 | 5F31DK137424-02 | UNIVERSITY OF ARIZONA                   | Glyphosate impairs glucose homeostasis via gut microbiome induced alterations to bile acid signaling | MEYER, RACHEL                    | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$91,806    | \$91,806    | \$62,818    | \$46,543    |
| 2,825 | T32GM008244 | 5T32GM008244-37 | UNIVERSITY OF MINNESOTA                 | Medical Scientist Training Program   | SHIMIZU, YOJI                    | Awarded. Non-fellowships only | 1988/07/01 | 2025/06/30 | \$4,645,397 | \$4,645,397 | \$4,306,596 | \$958,975   |
| 2,826 | T32CA247756 | 5T32CA247756-05 | GEORGE WASHINGTON UNIVERSITY            | Cancer Biology Training Program (CBTP)   | LEE, NORMAN H                    | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$1,397,269 | \$1,397,269 | \$998,565   | \$319,872   |
| 2,827 | T32DC000046 | 5T32DC000046-29 | UNIV OF MARYLAND, COLLEGE PARK          | Comparative and Evolutionary Biology of Hearing  | GOUPPELL, MATTHEW J              | Awarded. Non-fellowships only | 1994/07/01 | 2026/06/30 | \$1,665,339 | \$1,665,339 | \$1,406,342 | \$459,450   |
| 2,828 | T32GM138826 | 5T32GM138826-04 | CORNELL UNIVERSITY                      | Training future leaders at the chemistry-biology interface   | BASKIN, JEREMY                   | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,569,114 | \$439,487   |
| 2,829 | T32NS076401 | 5T32NS076401-24 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Early Stage Training in the Neurosciences  | ELIAS, CAROL FUZETI              | Awarded. Non-fellowships only | 2001/07/01 | 2026/06/30 | \$828,862   | \$828,862   | \$818,862   | \$211,688   |
| 2,830 | T32DK007314 | 5T32DK007314-44 | UNIVERSITY OF PENNSYLVANIA              | Diabetes, Endocrine, and Metabolism  | STOFFERS, DORIS A                | Awarded. Non-fellowships only | 1978/09/15 | 2026/06/30 | \$2,357,846 | \$2,357,846 | \$2,118,666 | \$513,456   |
| 2,831 | F31AI172348 | 5F31AI172348-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Defining the Role of Aire in eTACs and its Contribution to Peripheral Immune Tolerance               | WANG, JIAXI                      | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$119,803   | \$119,803   | \$82,137    | \$41,343    |
| 2,832 | T32DK091317 | 5T32DK091317-14 | UNIVERSITY OF UTAH                      | Interdisciplinary Training Program in Metabolism   | SUMMERS, SCOTT A                 | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,667,670 | \$1,667,670 | \$1,378,751 | \$368,737   |
| 2,833 | T32GM136624 | 5T32GM136624-05 | UNIVERSITY OF CALIFORNIA-IRVINE         | Mathematical, Computational and Systems Biology  | LANDER, ARTHUR D                 | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,043,273 | \$2,043,273 | \$1,931,017 | \$319,250   |



|       |             |                   |   |   |                           |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,834 | T32GM133353 | 5T32GM133353-05   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Interinstitutional Program in Cell and Molecular Biology: A Graduate Training Path to Promote Traditional and Non-Traditional Professional Outcomes | MURRAY, SANDRA ANN        | Awarded. Non-fellowships only | 2020/07/01 | 2025/12/31 | \$1,541,965 | \$1,541,965 | \$1,232,786 | \$329,616 |
| 2,835 | T32GM146621 | 5T32GM146621-02   | TUFTS UNIVERSITY BOSTON                 | Medical Scientist Training Program at Tufts University  | CHIN, MICHAEL T           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,179,894 | \$1,179,894 | \$1,058,826 | \$599,359 |
| 2,836 | T32HL166146 | 5T32HL166146-02   | EMORY UNIVERSITY                        | CBT@EmTech - CardioVascular Biomechanics Training Program at Emory and GaTech   | JO, HANJOONG              | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$672,193   | \$672,193   | \$401,690   | \$341,744 |
| 2,837 | T32AI070081 | 5T32AI070081-18   | EMORY UNIVERSITY                        | Advanced Research Training in Transplantation Science   | FORD, MANDY L             | Awarded. Non-fellowships only | 2006/09/01 | 2027/07/31 | \$569,232   | \$569,232   | \$453,920   | \$191,591 |
| 2,838 | T32OD010437 | 5T32OD010437-23   | COLORADO STATE UNIVERSITY               | Biomedical Research Training for Veterinarians  | SANTANGELO, KELLY S       | Awarded. Non-fellowships only | 2000/07/15 | 2027/06/30 | \$1,157,297 | \$1,157,297 | \$1,293,488 | \$252,447 |
| 2,839 | T32GM066691 | 5T32GM066691-22   | JOHNS HOPKINS UNIVERSITY                | Clinical Pharmacology Training Program  | HENDRIX, CRAIG WALTER     | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$819,454   | \$819,454   | \$623,167   | \$422,175 |
| 2,840 | T32CA160056 | 5T32CA160056-13   | VANDERBILT UNIVERSITY MEDICAL CENTER    | Vanderbilt Training Program in Molecular and Genetic Epidemiology of Cancer   | SHU, XIAO-OU              | Awarded. Non-fellowships only | 2017/09/01 | 2028/06/30 | \$789,676   | \$789,676   | \$652,269   | \$393,130 |
| 2,841 | T32GM142630 | 5T32GM142630-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | The Behavioral Brain (B2) Research Training Program   | FEZ, JULIE A              | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,120,180 | \$1,120,180 | \$802,876   | \$384,552 |
| 2,842 | F31DC020667 | 5F31DC020667-03   | UNIVERSITY OF VIRGINIA                  | Elucidating the Role of Epithelial PCP signaling in SGN Axon Guidance in the Cochlea  | CLANCY, SHAYLYN           | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$109,331   | \$109,331   | \$109,206   | \$37,611  |
| 2,843 | F31MH133304 | 1F31MH133304-01A1 | BOSTON COLLEGE                          | Insular serotonin modulates behavioral responses to danger  | NG, ALEXANDRA JADE        | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$45,442    | \$45,442    | \$21,916    | \$45,442  |
| 2,844 | F32HL162480 | 5F32HL162480-03   | UNIVERSITY OF NOTRE DAME                | The impact of sleep on memory selectivity and problem solving: Common and distinct neural mechanisms  | SANDERS, KRISTIN          | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$221,266   | \$221,266   | \$182,437   | \$81,892  |
| 2,845 | F32EY036283 | 1F32EY036283-01   | OREGON HEALTH & SCIENCE UNIVERSITY      | Structural basis of selective inhibition toward gap junction channels involved in vision.   | SOUZA, SAMSON             | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$76,756    | \$76,756    | \$56,892    | \$76,756  |
| 2,846 | F32HD115513 | 1F32HD115513-01   | STANFORD UNIVERSITY                     | Characterizing the role of affective information in early word learning using observational and experimental designs                                | NENCHEVA, MIRA L          | Awarded. Fellowships only     | 2024/08/05 | 2027/08/04 | \$73,408    | \$73,408    | \$36,576    | \$73,408  |
| 2,847 | F31NS134319 | 1F31NS134319-01A1 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Role of T-lymphocytes in Idiopathic and Genetic Parkinsons Disease  | ROSEN, MIKAELA            | Awarded. Fellowships only     | 2024/07/01 | 2026/08/31 | \$47,374    | \$47,374    | \$9,603     | \$47,374  |
| 2,848 | F30CA284910 | 1F30CA284910-01A1 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Investigating cancer-associated cachexia in genetic subtypes of lung cancer   | CROSS, MICHAEL            | Awarded. Fellowships only     | 2024/05/13 | 2028/05/12 | \$48,504    | \$48,504    | \$33,100    | \$48,504  |
| 2,849 | F31DK139728 | 1F31DK139728-01   | LSU PENNINGTON BIOMEDICAL RESEARCH CTR  | Hepatic SLC25a25 in Steatotic Liver Disease Progression   | HEINTZ, ELIZABETH C       | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$42,467    | \$42,467    | \$31,417    | \$42,467  |
| 2,850 | F30CA291106 | 1F30CA291106-01   | STANFORD UNIVERSITY                     | Biologic and Functional Characterization of In Vivo CAR-T cells   | BURDSALL, KYLIE A         | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$48,974    | \$48,974    | \$33,464    | \$48,974  |
| 2,851 | F32CA290759 | 1F32CA290759-01   | MASSACHUSETTS GENERAL HOSPITAL          | Optimizing treatment decisions and quality-adjusted life years through improved lung cancer staging   | RUDASILL, SARAH ELIZABETH | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$81,256    | \$81,256    | \$53,969    | \$81,256  |
| 2,852 | F31MH136763 | 1F31MH136763-01   | UT SOUTHWESTERN MEDICAL CENTER          | Cell type-specific regulation of cortical development by the autism risk gene Foxp1 and its implications for neural circuit development             | VOLLMER, RACHAEL          | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$39,786    | \$39,786    | \$19,040    | \$39,786  |
| 2,853 | F31GM154462 | 1F31GM154462-01   | CALIFORNIA INSTITUTE OF TECHNOLOGY      | Convergent Strategies for the Synthesis of Monoterpenoid Bisindole Alkaloids and their Analogs  | GONZALEZ, KEVIN JAIME     | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974    | \$48,974    | \$37,831    | \$48,974  |
| 2,854 | F31HL174083 | 1F31HL174083-01   | STANFORD UNIVERSITY                     | Molecular insights into the regulation of mitochondrial calcium uptake  | MUIR, COLIN               | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$48,974    | \$48,974    | \$22,056    | \$48,974  |



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|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,855 | F31AT012840 | 1F31AT012840-01   | OREGON STATE UNIVERSITY                 | Integrated metabolomic and microbial community analysis of estuarine sediments and their potential as sources of bioactive natural products  | REDICK, MARGARET        | Awarded. Fellowships only     | 2024/06/01 | 2025/08/31 | \$55,590    | \$55,590    | \$27,602    | \$43,522    |
| 2,856 | F31HL174146 | 1F31HL174146-01   | UNIVERSITY OF CALIFORNIA-IRVINE         | Developing tools for assessing obstructive sleep apnea severity and consequences from existing clinical data   | QAYYUM, NIDA TARIQ      | Awarded. Fellowships only     | 2024/09/30 | 2027/03/29 | \$41,539    | \$41,539    | \$17,215    | \$41,539    |
| 2,857 | F30HL173988 | 1F30HL173988-01   | UNIVERSITY OF WISCONSIN-MADISON         | Enhancing robustness of human pluripotent stem cell differentiation to cardiomyocytes by uncovering on- and off-target differentiation trajectories via single nucleus multi-omics | FEENEY, AUSTIN K        | Awarded. Fellowships only     | 2024/09/30 | 2027/06/30 | \$40,844    | \$40,844    | \$18,369    | \$40,844    |
| 2,858 | F31NS129101 | 5F31NS129101-03   | UNIVERSITY OF PENNSYLVANIA              | Developing RNA therapeutics for TDP-43 proteinopathy in ALS/FTD  | COPLEY, KATIE ELIZABETH | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$130,976   | \$130,976   | \$118,424   | \$36,530    |
| 2,859 | F31NS135913 | 1F31NS135913-01A1 | DREXEL UNIVERSITY                       | Medial deep dorsal glycinergic interneurons as a target for improving locomotion following spinal cord injury  | MCGRATH, JENNA          | Awarded. Fellowships only     | 2024/07/01 | 2026/11/30 | \$48,974    | \$48,974    | \$34,688    | \$48,974    |
| 2,860 | T32HL160522 | 5T32HL160522-03   | BETH ISRAEL DEACONESS MEDICAL CENTER    | Training Program in Cardiovascular Research  | HO, JENNIFER E          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,606,820 | \$1,606,820 | \$1,097,025 | \$555,112   |
| 2,861 | F31NR020983 | 5F31NR020983-02   | UNIVERSITY OF MIAMI CORAL GABLES        | Effects of Neighborhood Environment on Child Behavioral Health   | LEE, JIYE               | Awarded. Fellowships only     | 2023/08/14 | 2025/05/13 | \$90,128    | \$90,128    | \$77,494    | \$39,934    |
| 2,862 | T32HL160520 | 5T32HL160520-03   | WEILL MEDICAL COLL OF CORNELL UNIV      | Multidisciplinary Research Training in Cardiovascular Disease  | PIIT, GEOFFREY S        | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,186,836 | \$1,186,836 | \$720,654   | \$599,210   |
| 2,863 | T32GM133351 | 5T32GM133351-05   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Pathways in Biological Sciences Training Program   | HAMPTON, RANDOLPH Y     | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$7,423,500 | \$7,423,500 | \$5,486,997 | \$1,446,945 |
| 2,864 | F31AI179597 | 1F31AI179597-01A1 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Dissecting the Mechanisms Underlying Inflammation Induced Anorexia   | HAYES, NIKOLAS          | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$44,468    | \$44,468    | \$39,824    | \$44,468    |
| 2,865 | F32GM154397 | 1F32GM154397-01   | STANFORD UNIVERSITY                     | Symmetry Breaking in Cell Assemblies   | DEVITT, CAITLIN C       | Awarded. Fellowships only     | 2024/05/16 | 2026/05/15 | \$74,284    | \$74,284    | \$64,972    | \$74,284    |
| 2,866 | F31CA284869 | 1F31CA284869-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Mechanistic examination and inhibitor targeting of nutrient scavenging for the treatment of pancreatic cancer  | ROBB, RYAN              | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$40,064    | \$40,064    | \$32,756    | \$40,064    |
| 2,867 | F30CA284848 | 1F30CA284848-01A1 | UNIVERSITY OF PENNSYLVANIA              | Investigating the Role of Diet and ACS2 in Metabolic and Epigenetic Regulation of Colorectal Cancer  | SHARMA, PRATEEK         | Awarded. Fellowships only     | 2024/07/01 | 2025/10/31 | \$36,662    | \$36,662    | \$30,134    | \$36,662    |
| 2,868 | TL1DK139566 | 5TL1DK139566-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Deep South KUH Premier Research - Interdisciplinary Mentored Education (PRIME) Training Core   | POLLOCK, DAVID M        | Awarded. Non-fellowships only | 2023/09/01 | 2028/06/30 | \$1,812,798 | \$1,812,798 | \$889,379   | \$929,474   |
| 2,869 | F31HL166079 | 5F31HL166079-03   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Probing silent cerebral infarct pathogenesis in sickle cell disease with cerebrovascular MRI   | ZVOLANEK, KRISTINA      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$129,284   | \$129,284   | \$107,818   | \$44,262    |
| 2,870 | F32AI172084 | 5F32AI172084-03   | UNIVERSITY OF WISCONSIN-MADISON         | Mechanistic analysis of Toxoplasma gondii sexual development in tissue culture and mouse models  | DAVIS, NICOLE MARIE     | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$214,319   | \$214,319   | \$183,169   | \$76,756    |
| 2,871 | TL1DK139565 | 5TL1DK139565-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | NRSA Training Core   | HSU, CHI-YUAN           | Awarded. Non-fellowships only | 2023/09/01 | 2028/06/30 | \$2,636,306 | \$2,636,306 | \$1,517,496 | \$1,368,023 |
| 2,872 | F32ES034668 | 5F32ES034668-03   | PRINCETON UNIVERSITY                    | Understanding the contribution of genotype-by-lifestyle interactions to cardiometabolic risk in individuals of east African ancestry   | GARSKE, KRISTINA MARIE  | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$213,430   | \$213,430   | \$185,255   | \$76,756    |
| 2,873 | F30NS137764 | 1F30NS137764-01   | PRINCETON UNIVERSITY                    | Interrogating spatiotemporal control of mRNA in Drosophila morphogenesis using Cas13-based techniques  | MCMANUS, ELIZABETH      | Awarded. Fellowships only     | 2024/07/01 | 2029/06/30 | \$53,974    | \$53,974    | \$24,323    | \$53,974    |
| 2,874 | T34GM137792 | 5T34GM137792-05   | CUYAHOGA COMMUNITY COLLEGE              | Bridges to the Baccalaureate Research Training Program at Cuyahoga Community College   | VARHEGYI, GEZA GABOR    | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,823,111 | \$1,823,111 | \$1,273,059 | \$162,222   |

|       |             |                   |   |  |                          |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,875 | F31HL168922 | 1F31HL168922-01A1 | UNIVERSITY OF PENNSYLVANIA              | Deciphering the role of cytoskeletal-nuclear interactions in peripheral chromatin organization   | SHEN, KAITLYN MARIE      | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$30,468    | \$48,974  |
| 2,876 | F32HD108937 | 5F32HD108937-03   | UNIVERSITY OF CALIFORNIA AT DAVIS       | The role of temporal prediction in guiding attention through time during language comprehension.   | BEIER, ELEONORA JUDITH   | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$210,154   | \$210,154   | \$198,763   | \$74,284  |
| 2,877 | F31AG079606 | 5F31AG079606-03   | YALE UNIVERSITY                         | ATG2 transfers lipids from ER exit site membranes to directly expand the growing autophagosome   | FULLER, DEVIN            | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$108,326   | \$48,974  |
| 2,878 | T32AA025877 | 5T32AA025877-07   | UNIVERSITY OF FLORIDA                   | Translational Science Training to Reduce the Impact of Alcohol on HIV Infection  | COOK, ROBERT L           | Awarded. Non-fellowships only | 2018/08/10 | 2028/07/31 | \$850,364   | \$850,364   | \$609,621   | \$435,976 |
| 2,879 | F30AI183819 | 1F30AI183819-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Coronavirus Infection Dynamics and Cross-species Transmission in Bats  | CORDS, OLIVIA            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$41,972    | \$41,972    | \$27,167    | \$41,972  |
| 2,880 | F31AA031623 | 1F31AA031623-01   | UNIVERSITY OF KANSAS MEDICAL CENTER     | Lysosome and integrated stress response in aging and alcohol-associated liver disease  | WILLIAMS, SHA NEISHA     | Awarded. Fellowships only     | 2024/07/24 | 2027/07/23 | \$40,460    | \$40,460    | \$23,328    | \$40,460  |
| 2,881 | F30AG087667 | 1F30AG087667-01   | YALE UNIVERSITY                         | Assessing activation in the human brain using ultra-high performance FDG functional PET to investigate neurodegenerative disorders   | KHATTAR, NIKKITA         | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$33,958    | \$33,958    | \$24,793    | \$33,958  |
| 2,882 | F31AG087618 | 1F31AG087618-01   | UNIVERSITY OF KENTUCKY                  | Using the gut microbiome to treat disuse atrophy in aging.   | BURKE, BENJAMIN          | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$43,612    | \$43,612    | \$15,363    | \$43,612  |
| 2,883 | F30CA284575 | 1F30CA284575-01A1 | WEILL MEDICAL COLL OF CORNELL UNIV      | Characterizing Oncogenic Nras in IDH1 Mutant AML Leukemogenesis and Therapeutic Responsiveness   | GELFER, REBECCA          | Awarded. Fellowships only     | 2024/09/01 | 2028/08/31 | \$53,974    | \$53,974    | \$42,035    | \$53,974  |
| 2,884 | F30DC020104 | 5F30DC020104-04   | WEILL MEDICAL COLL OF CORNELL UNIV      | Protocadherin 15 as a critical component of the gating spring of human hearing   | VILLASANTE, CAMILA MARIE | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$209,456   | \$209,456   | \$198,148   | \$53,974  |
| 2,885 | F31NS137737 | 1F31NS137737-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | ASXL3 Links Chromatin Biology to Neurodevelopment Disorders  | PEIRENT, EMILY ROSE      | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$42,322    | \$42,322    | \$35,276    | \$42,322  |
| 2,886 | F31AI183732 | 1F31AI183732-01   | GEORGETOWN UNIVERSITY                   | Intestinal Barrier Repair Mechanisms in Giardiasis   | KOSILE, RITA TAYE        | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$41,605    | \$41,605    | \$31,747    | \$41,605  |
| 2,887 | T32HL072738 | 5T32HL072738-20   | UNIVERSITY OF COLORADO DENVER           | Cardiovascular Biomechanics and Imaging  | SHANDAS, ROBIN           | Awarded. Non-fellowships only | 2003/04/01 | 2026/08/31 | \$1,471,013 | \$1,471,013 | \$1,058,022 | \$381,063 |
| 2,888 | F32HD112065 | 5F32HD112065-02   | STANFORD UNIVERSITY                     | Disentangling the role of poverty-related experiences on childrens self-regulation: Identifying dynamic and contextually-relevant mechanisms   | DEJOSEPH, MERIAH L       | Awarded. Fellowships only     | 2023/08/04 | 2026/08/03 | \$148,468   | \$148,468   | \$110,975   | \$77,284  |
| 2,889 | F31HL174069 | 1F31HL174069-01   | UNIVERSITY OF LOUISVILLE                | The Role of Emergency Granulopoiesis in Wound Healing after Myocardial Infarction  | STEPHAN, JONAH           | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$35,822    | \$35,822    | \$22,711    | \$35,822  |
| 2,890 | F32DC021078 | 5F32DC021078-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Early intervention as a determinant of hearing aid benefit for age-related hearing loss: Results from longitudinal cohort studies  | DILLARD, LAUREN KAY      | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$159,984   | \$159,984   | \$125,142   | \$83,932  |
| 2,891 | F30CA284763 | 5F30CA284763-02   | ROSWELL PARK CANCER INSTITUTE CORP      | Understanding the role of $\beta$ 2AR-signaling on ILC2 differentiation/plasticity and its implications in cancer progression  | CHOI, JEE EUN            | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$66,304    | \$66,304    | \$54,859    | \$33,792  |
| 2,892 | F31AI183838 | 1F31AI183838-01   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Building a community: examining polymicrobial Interactions within urinary catheter biofilms and their contribution to infection severity   | TADDEI, STEVEN MARCEL    | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$33,776    | \$33,776    | \$29,907    | \$33,776  |
| 2,893 | F30AG084348 | 1F30AG084348-01A1 | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | Measuring neurodevelopmental effects of genetic risk for Alzheimers disease via cross-sectional study of brain, cognitive, and physical fitness variables in periadolescent children | HELLER-WIGHT, ABI        | Awarded. Fellowships only     | 2024/06/01 | 2028/06/16 | \$75,454    | \$75,454    | \$27,799    | \$37,727  |
| 2,894 | F32AG087646 | 1F32AG087646-01   | UNIVERSITY OF PENNSYLVANIA              | An Investigation of the Neurocognitive Mechanisms of Age-Related Declines in Episodic Memory Representational Specificity  | GREENE, NATHANIEL ROBERT | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$76,528    | \$76,528    | \$58,526    | \$76,528  |

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|-------|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 2,895 | F31AI184134 | 1F31AI184134-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Elucidating the complex allosteric regulation of PFK-1, a broadly evolutionarily conserved glycolytic enzyme  | SUNDBERG, BELEN            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$44,270    | \$48,974    |
| 2,896 | F30DC020917 | 5F30DC020917-03   | VANDERBILT UNIVERSITY                   | Multisensory Integration and Cortical Plasticity in Cochlear Implant Users  | KUNNATH, ANSLEY            | Awarded. Fellowships only     | 2022/09/01 | 2027/08/31 | \$98,876    | \$98,876    | \$86,385    | \$34,126    |
| 2,897 | F30DK134110 | 5F30DK134110-03   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Bacterial targeting of the P-glycoprotein/endocannabinoid axis for reducing intestinal inflammation in ulcerative colitis   | SALLIS, BENJAMIN FIDELIUS  | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$97,718    | \$97,718    | \$80,722    | \$33,740    |
| 2,898 | F31AA030712 | 5F31AA030712-03   | DUKE UNIVERSITY                         | A novel role for developmental microglial-parvalbumin interneuron interactions in adult alcohol drinking behavior.  | DZIABIS, JULIA             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$126,575   | \$126,575   | \$113,145   | \$43,359    |
| 2,899 | T34GM146609 | 5T34GM146609-03   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Bridges to the Baccalaureate Research Training Program at University of Alabama at Birmingham   | WYSS, J MICHAEL            | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$815,240   | \$815,240   | \$606,344   | \$271,685   |
| 2,900 | T32GM146700 | 5T32GM146700-03   | CALIFORNIA STATE UNIVERSITY LOS ANGELES | Bridges to the Doctorate Program at Cal State LA  | VELLANOWETH, ROBERT L      | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$2,798,918 | \$2,798,918 | \$1,874,829 | \$1,157,883 |
| 2,901 | F31DA059250 | 5F31DA059250-02   | UNIVERSITY OF WASHINGTON                | Neural Signatures and Cognitive Performance During Rat Morphine Withdrawal, and Subsequent Impact of Psilocybin   | HONES, VICTORIA IVANOVA    | Awarded. Fellowships only     | 2023/08/16 | 2026/08/15 | \$93,110    | \$93,110    | \$82,314    | \$47,405    |
| 2,902 | F31NR021237 | 1F31NR021237-01   | DUKE UNIVERSITY                         | Influences Of Social Determinants Of Health And Parental Participation In Hospital Care On Development Of Parenting Confidence Among Parents Of Children With A Congenital Heart Defect | HARLOW, ASHLEIGH           | Awarded. Fellowships only     | 2024/07/01 | 2026/10/31 | \$44,567    | \$44,567    | \$37,963    | \$44,567    |
| 2,903 | F31HD110244 | 5F31HD110244-03   | TRUSTEES OF INDIANA UNIVERSITY          | Investigating the Roles of ADARs and A-to-I RNA Editing in Germline RNA Regulation  | ERDMANN, EMILY ANN         | Awarded. Fellowships only     | 2022/08/31 | 2026/08/30 | \$100,797   | \$100,797   | \$100,357   | \$33,154    |
| 2,904 | F30MH134471 | 1F30MH134471-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Investigating the role of the medial orbitofrontal cortex (mOFC) in negative reinforcement learning   | CHAMBERLAIN, BRITTANY LYNN | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$53,974    | \$53,974    | \$38,165    | \$53,974    |
| 2,905 | T32EB009406 | 5T32EB009406-14   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Interdisciplinary Graduate Education in Movement and Rehabilitation Sciences  | DEWALD, JULIUS P           | Awarded. Non-fellowships only | 2009/09/01 | 2026/06/30 | \$150,031   | \$150,031   | \$245,715   | \$52,274    |
| 2,906 | T32GM008600 | 5T32GM008600-29   | DUKE UNIVERSITY                         | Integrated Training in Anesthesiology Research  | TREGGIARI, MIRIAM          | Awarded. Non-fellowships only | 1996/07/01 | 2026/06/30 | \$1,458,778 | \$1,458,778 | \$770,637   | \$388,863   |
| 2,907 | T32AG078115 | 5T32AG078115-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Research Fellowship for Equity in Alzheimers Disease and Brain Health   | VALCOUR, VICTOR            | Awarded. Non-fellowships only | 2022/08/15 | 2027/07/31 | \$1,058,590 | \$1,058,590 | \$499,067   | \$545,891   |
| 2,908 | F31AI179156 | 5F31AI179156-02   | YALE UNIVERSITY                         | Computational Methods for Analyzing Immunoglobulin Allelic Diversity in B cells   | LEE, NOAH YANN             | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$81,623    | \$81,623    | \$62,044    | \$33,929    |
| 2,909 | F31AI179424 | 5F31AI179424-02   | EMORY UNIVERSITY                        | Characterization of JT-4-173, a Potent Antiviral that Inhibits HIV-1 by a Novel Mechanism of Action   | WEN, XIN                   | Awarded. Fellowships only     | 2023/07/11 | 2027/07/10 | \$96,668    | \$96,668    | \$82,163    | \$48,974    |
| 2,910 | F30HL168829 | 5F30HL168829-02   | VANDERBILT UNIVERSITY                   | Targeting pathologic intracellular calcium release to prevent lethal arrhythmias  | GOCHMAN, AARON             | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$91,697    | \$91,697    | \$65,973    | \$56,351    |
| 2,911 | T32AI095213 | 5T32AI095213-14   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Innate Immunity Training Program  | SILVERMAN, NEAL            | Awarded. Non-fellowships only | 2011/09/15 | 2026/08/31 | \$926,917   | \$926,917   | \$805,437   | \$235,412   |
| 2,912 | F32AI172121 | 5F32AI172121-03   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Investigating genes of unknown function required for Rickettsia parkeri infection   | SIT, BRANDON YIU CHUNG     | Awarded. Fellowships only     | 2022/08/15 | 2025/08/14 | \$210,082   | \$210,082   | \$164,608   | \$73,408    |
| 2,913 | T32HL129949 | 5T32HL129949-08   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Pittsburgh Training Grant in Pediatric Pulmonary Medicine   | CELEDON, JUAN CARLOS       | Awarded. Non-fellowships only | 2016/07/01 | 2027/06/30 | \$1,147,577 | \$1,147,577 | \$627,371   | \$395,201   |
| 2,914 | T32GM145452 | 5T32GM145452-03   | YALE UNIVERSITY                         | Convergent graduate training in systems biology at Yale   | O'HERN, COREY              | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$640,103   | \$640,103   | \$530,588   | \$219,744   |
| 2,915 | F31HL165863 | 5F31HL165863-03   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Early Life Stress Promotes an Inflammatory Phenotype Leading to Vascular Impairment and Lupus Nephritis Severity  | KELLUM, CAILIN             | Awarded. Fellowships only     | 2022/08/22 | 2025/08/21 | \$116,465   | \$116,465   | \$109,414   | \$39,989    |

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|-------|-------------|-----------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,916 | T32HL129969 | 5T32HL129969-09 | UNIV OF NORTH CAROLINA<br>CHAPEL HILL      | Global Cardiometabolic Disease Training   | ADAIR, LINDA S           | Awarded. Non-fellowships only | 2016/08/01 | 2026/07/31 | \$813,468   | \$813,468   | \$839,722   | \$189,703 |
| 2,917 | T32HD101364 | 5T32HD101364-05 | UNIVERSITY OF CALIFORNIA<br>BERKELEY       | Computational Social Science Training Program   | HARDING, DAVID JAMES     | Awarded. Non-fellowships only | 2020/05/01 | 2025/07/31 | \$1,144,940 | \$1,144,940 | \$1,083,299 | \$231,962 |
| 2,918 | F32HL174327 | 1F32HL174327-01 | MASSACHUSETTS GENERAL<br>HOSPITAL          | Genetics of carotid artery disease progression among patients who have failed non-operative management  | BELLOMO, TIFFANY         | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$92,756    | \$92,756    | \$77,151    | \$92,756  |
| 2,919 | F31AI167511 | 5F31AI167511-03 | WEILL MEDICAL COLL OF CORNELL<br>UNIV      | IL-1 signaling in defense against Aspergillus fumigatus infection   | MILLS, KATHLEEN          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$131,872   | \$48,974  |
| 2,920 | F30AG079633 | 5F30AG079633-03 | UNIVERSITY OF TOLEDO HEALTH SCI<br>CAMPUS  | AMPK localization, expression, and activity in Alzheimers Disease   | HENKEL, NICHOLAS DANIEL  | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$124,871   | \$124,871   | \$75,751    | \$42,791  |
| 2,921 | T32CA067754 | 5T32CA067754-28 | UNIVERSITY OF CALIFORNIA, SAN<br>DIEGO     | Cancer Biology, Informatics & Omics (CBIO) Training Program   | WANG, JEAN Y J           | Awarded. Non-fellowships only | 1995/09/25 | 2027/07/31 | \$988,851   | \$988,851   | \$815,148   | \$383,624 |
| 2,922 | F31AG079670 | 5F31AG079670-03 | EMORY UNIVERSITY                           | Investigating the role of Serine Arginine (SR)-Rich RNA Binding Proteins in Tau Aggregation   | SHAPLEY, SARAH           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$121,594   | \$48,974  |
| 2,923 | F31AI169887 | 5F31AI169887-03 | UNIVERSITY OF MICHIGAN AT ANN<br>ARBOR     | Elucidating the role of dynein-cargo adaptor proteins in Human papillomavirus infection   | SPECKHART, KAITLYN NOEL  | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$123,990   | \$123,990   | \$123,990   | \$41,664  |
| 2,924 | F31NS129254 | 5F31NS129254-03 | UNIVERSITY OF COLORADO<br>DENVER           | Molecular computation by the CaMKII holoenzyme  | BROWN, CAROLYN NICOLE    | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$111,800   | \$111,800   | \$94,297    | \$38,434  |
| 2,925 | T32TR004544 | 5T32TR004544-02 | UNIVERSITY OF TEXAS HLTH SCIENCE<br>CENTER | CTSA Postdoctoral T32 at The University of Texas Health Science Center at San Antonio   | CHUN, YONG-HEE PATRICIA  | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$534,065   | \$534,065   | \$390,835   | \$275,194 |
| 2,926 | F30AG079580 | 5F30AG079580-03 | INDIANA UNIVERSITY INDIANAPOLIS            | Proteomic and functional analysis of missense variants of APOE associated with Alzheimer disease risk   | WIJERATNE, HR SAGARA     | Awarded. Fellowships only     | 2022/09/01 | 2026/01/31 | \$123,387   | \$123,387   | \$94,430    | \$53,974  |
| 2,927 | F31HD106741 | 5F31HD106741-04 | UNIV OF MASSACHUSETTS MED SCH<br>WORCESTER | Investigating Trisomy 21 Impact on Human Neural Cell Development and Function Using Trisomy Silencing in vitro  | LARSEN, ERIC CHRISTOPHER | Awarded. Fellowships only     | 2021/08/19 | 2025/08/18 | \$138,280   | \$138,280   | \$118,748   | \$36,180  |
| 2,928 | F32NS128067 | 5F32NS128067-03 | MASSACHUSETTS INSTITUTE OF<br>TECHNOLOGY   | Single Cell Dissection of Cerebrovascular Dysfunction in Parkinsons Disease and Amyotrophic Lateral Sclerosis   | LINVILLE, RALEIGH MILLER | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$213,430   | \$213,430   | \$189,412   | \$76,756  |
| 2,929 | T32MH020068 | 5T32MH020068-24 | BROWN UNIVERSITY                           | Interdisciplinary Predoctoral Neuroscience Training Program in the Neuroscience Graduate Program.   | SHEINBERG, DAVID L       | Awarded. Non-fellowships only | 1999/07/01 | 2026/08/31 | \$1,651,459 | \$1,651,459 | \$1,446,348 | \$422,138 |
| 2,930 | T32CA247801 | 5T32CA247801-05 | NORTHWESTERN UNIVERSITY AT<br>CHICAGO      | Collaborative Northwestern Surgical Oncology Research Training (CONSORT)  | KHAN, SEEMA AHSAN        | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,275,247 | \$1,275,247 | \$1,048,971 | \$351,352 |
| 2,931 | F31NS127536 | 5F31NS127536-03 | BOSTON UNIVERSITY MEDICAL<br>CAMPUS        | Establishing a Spatial Map of Dopamine Reward Prediction Error Computations and their Function in Distinct Associative Learning Processes Across the Striatum: a Methodological Framework | BROWN, ELEANOR           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$111,220   | \$111,220   | \$101,724   | \$32,774  |
| 2,932 | T34GM137855 | 5T34GM137855-05 | UNIVERSITY OF TEXAS EL PASO                | Bridges to the Baccalaureate Research Training Program at EPCC-UTEP   | MALDONADO, ROSA A        | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,546,287 | \$1,546,287 | \$1,275,998 | \$102,465 |
| 2,933 | T34GM151403 | 5T34GM151403-02 | EL PASO COMMUNITY COLLEGE                  | Rise to the Challenge Bridge to Health Informatics and Bioinformatics   | ALVAREZ, MARIA E         | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$526,760   | \$526,760   | \$363,394   | \$262,380 |
| 2,934 | T32EB007507 | 5T32EB007507-15 | UNIVERSITY OF TEXAS AT AUSTIN              | Comprehensive Training program in Imaging Science and Informatics   | MARKEY, MIA K            | Awarded. Non-fellowships only | 2009/08/01 | 2025/07/31 | \$1,103,828 | \$1,103,828 | \$977,365   | \$148,202 |
| 2,935 | F31AI174753 | 5F31AI174753-02 | WASHINGTON STATE UNIVERSITY                | Defining the protective or pathologic role of antibodies in Post-Ebola Syndrome   | VELAZQUEZ, JALENE        | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$89,148    | \$89,148    | \$82,751    | \$45,214  |
| 2,936 | TL1TR002380 | 5TL1TR002380-08 | MAYO CLINIC ROCHESTER                      | Mayo Clinic Center for Clinical and Translational Science (CCaTS)   | WINDEBANK, ANTHONY JOHN  | Awarded. Non-fellowships only | 2017/09/18 | 2027/06/30 | \$1,966,963 | \$1,966,963 | \$1,565,596 | \$674,783 |

|       |             |                   |   |   |                               |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,937 | F31AR083286 | 5F31AR083286-02   | UNIVERSITY OF FLORIDA                   | Integrating Musculoskeletal and Data-Driven Modeling to Understand the Biomechanical Sequelae of Syndesmotic Repair   | BARATTA, CHLOE                | Awarded. Fellowships only     | 2023/08/16 | 2026/10/08 | \$84,942    | \$84,942    | \$62,161    | \$42,568  |
| 2,938 | F31HL173957 | 1F31HL173957-01   | TEMPLE UNIV OF THE COMMONWEALTH         | Friends are good for the heart: Investigating neurocognitive mechanisms underlying successful social learning that can reduce loneliness and associated cardiovascular diseases | SCHMIDT, HELEN                | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$34,803    | \$34,803    | \$16,157    | \$34,803  |
| 2,939 | F31AI183630 | 1F31AI183630-01   | UNIVERSITY OF PENNSYLVANIA              | Defining Mechanisms of SARS-CoV-2 Entry Inhibitors in the Respiratory Epithelium  | ACUNA, JORGE ALBERTO          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$48,974    | \$48,974    | \$41,535    | \$48,974  |
| 2,940 | T32GM075774 | 5T32GM075774-19   | JOHNS HOPKINS UNIVERSITY                | Postdoctoral Research Training in Anesthesiology and Critical Care Medicine   | MINTZ, CYRUS DAVID            | Awarded. Non-fellowships only | 2006/07/01 | 2026/06/30 | \$2,445,896 | \$2,445,896 | \$2,112,961 | \$654,682 |
| 2,941 | F31AI178881 | 1F31AI178881-01A1 | UNIVERSITY OF COLORADO DENVER           | Host-pathogen interactions during GBS diabetic wound infections   | AKBARI, MADELINE SOHAYLA      | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$37,658    | \$37,658    | \$32,954    | \$37,658  |
| 2,942 | F31DE032899 | 5F31DE032899-02   | UNIVERSITY OF FLORIDA                   | Determination of structure-function relationships and role in virulence of a MerR-type regulator that mediates zinc tolerance in Streptococcus mutans                           | PETERSON, ALEXANDRA           | Awarded. Fellowships only     | 2023/08/16 | 2025/08/15 | \$87,604    | \$87,604    | \$71,390    | \$44,702  |
| 2,943 | T34GM150447 | 5T34GM150447-02   | TOWSON UNIVERSITY                       | Bridges to the Baccalaureate Research Training Program at Towson University   | SNYDER, MICHELLE LYNN DYKSTRA | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$602,420   | \$602,420   | \$286,623   | \$301,210 |
| 2,944 | F31EY035546 | 5F31EY035546-02   | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | The Role of Persistent Activity in Visual Working Memory  | JAFFE, RYE                    | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$57,391    | \$48,974  |
| 2,945 | F30CA284809 | 5F30CA284809-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Molecular MR-PET to characterize malignant transformation and identify therapeutic vulnerabilities in human IDH-mutant gliomas  | CHO, NICHOLAS S               | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$81,438    | \$81,438    | \$60,526    | \$41,359  |
| 2,946 | T32AI007061 | 2T32AI007061-46   | MASSACHUSETTS GENERAL HOSPITAL          | Infectious Disease and Basic Microbiological Mechanisms   | GOLDBERG, MARCIA B            | Awarded. Non-fellowships only | 1976/07/01 | 2029/05/31 | \$1,111,892 | \$1,111,892 | \$375,902   | \$519,785 |
| 2,947 | F32NS138225 | 1F32NS138225-01   | STANFORD UNIVERSITY                     | Convergence of top-down and bottom-up thalamic inputs in medial entorhinal cortex   | CHO, FRANCES                  | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$73,828    | \$73,828    | \$40,952    | \$73,828  |
| 2,948 | F30AI179472 | 1F30AI179472-01A1 | DREXEL UNIVERSITY                       | Dopaminergic immunomodulation drives macrophage inflammation during HIV infection   | CHANNER, BREANA               | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$50,064    | \$50,064    | \$18,999    | \$50,064  |
| 2,949 | F30EB034594 | 5F30EB034594-02   | DREXEL UNIVERSITY                       | Developing computational methods to identify of endogenous substrates of E3 ubiquitin ligases and molecular glue degraders  | MISCHLEY, VICTORIA            | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$98,284    | \$98,284    | \$77,796    | \$48,852  |
| 2,950 | F31HD113262 | 5F31HD113262-02   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | Investigating mechanisms of tissue polarity during development and disease  | STENSON, JAZMIN               | Awarded. Fellowships only     | 2023/11/01 | 2026/10/31 | \$70,638    | \$70,638    | \$49,356    | \$36,017  |
| 2,951 | F32GM151788 | 5F32GM151788-02   | UNIVERSITY OF MINNESOTA                 | Ti-catalyzed cascading hydroaminoalkylation as a route to complex functionalized amines   | VANG, ZOUA PA                 | Awarded. Fellowships only     | 2023/08/18 | 2025/08/17 | \$142,512   | \$142,512   | \$104,049   | \$73,828  |
| 2,952 | F30OD036190 | 5F30OD036190-02   | CALIFORNIA INSTITUTE OF TECHNOLOGY      | Targeted cell-to-cell mRNA delivery of therapeutic circuits   | TOBIN, VICTORIA ROSE          | Awarded. Fellowships only     | 2023/09/01 | 2028/08/31 | \$106,668   | \$106,668   | \$63,012    | \$53,974  |
| 2,953 | F30AG082400 | 5F30AG082400-02   | UPSTATE MEDICAL UNIVERSITY              | Mechanism of mitochondria-induced proteostatic signaling and progressive muscle atrophy during aging.   | BRENNAN, NICHOLAS             | Awarded. Fellowships only     | 2023/09/14 | 2027/09/13 | \$106,668   | \$106,668   | \$64,719    | \$53,974  |
| 2,954 | T32HL007820 | 2T32HL007820-26A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Multidisciplinary Training in Critical Care Outcomes Research   | KAHN, JEREMY M                | Awarded. Non-fellowships only | 1996/09/06 | 2029/05/31 | \$747,220   | \$747,220   | \$318,663   | \$455,676 |
| 2,955 | T32TR004367 | 5T32TR004367-02   | UNIVERSITY OF COLORADO DENVER           | CTSA Predoctoral T32 at University of Colorado Denver   | CICUTTO, LISA                 | Awarded. Non-fellowships only | 2023/09/20 | 2028/08/31 | \$744,267   | \$744,267   | \$487,830   | \$387,975 |
| 2,956 | F32GM150240 | 5F32GM150240-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Developing a nucleic acid force field with direct chemical perception for computational modeling of nucleic acid therapeutics   | CAVENDER, CHAPIN E            | Awarded. Fellowships only     | 2023/09/15 | 2025/09/14 | \$143,364   | \$143,364   | \$97,707    | \$74,284  |

|       |             |                   |  |  |                           |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|--|--|---------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 2,957 | F31MH132231 | 5F31MH132231-02   | HARVARD UNIVERSITY                       | Interoception as a Novel Risk Factor for Suicidal Thoughts and Behaviors   | REID-RUSSELL, AZURE       | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$68,998  | \$68,998  | \$58,907  | \$35,139  |
| 2,958 | T90DE034663 | 1T90DE034663-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | University of Michigan HEAL PAIN Cohort Program  | CLAUW, DANIEL J           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$371,578 | \$371,578 | \$6,012   | \$371,578 |
| 2,959 | F31NR021001 | 5F31NR021001-02   | CASE WESTERN RESERVE UNIVERSITY          | Racial Disparities in Sleep, Circadian Rhythm, and Glucoregulation Among Individuals Post-Coronary Artery Bypass Surgery | BOLTON, PAMELA            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668  | \$96,668  | \$84,618  | \$48,974  |
| 2,960 | F30OD032097 | 5F30OD032097-04   | CORNELL UNIVERSITY                       | Regulation of CD8+ T cell exhaustion by Irf-7/Lin28b in different stages of life   | MAYMI, VIVIANA ISABEL     | Awarded. Fellowships only     | 2021/12/01 | 2026/11/30 | \$176,806 | \$176,806 | \$149,852 | \$45,454  |
| 2,961 | F31NS131052 | 5F31NS131052-02   | UNIVERSITY OF CALIFORNIA RIVERSIDE       | Cellular Mediators of Dentate Pattern Separation in Epilepsy   | HUANG, ANDREW             | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$84,830  | \$84,830  | \$63,459  | \$43,055  |
| 2,962 | F31DC021637 | 5F31DC021637-02   | UNIVERSITY OF CONNECTICUT STORRS         | The neural underpinnings of speech and nonspeech auditory processing in autism: Implications for language                | THOMAS, HANNAH            | Awarded. Fellowships only     | 2024/01/07 | 2026/01/06 | \$94,784  | \$77,827  | \$71,668  | \$47,090  |
| 2,963 | F31HD112171 | 5F31HD112171-02   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Mechanistic investigation into Frizzled-2 signaling for treatment of Osteogenesis Imperfecta                             | ADEYEYE, MARY IFEOLUWA    | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668  | \$96,668  | \$65,597  | \$48,974  |
| 2,964 | F31DE033256 | 5F31DE033256-02   | JOHNS HOPKINS UNIVERSITY                 | Quantitative model of jaw proprioception during active movements   | KIM, JEONG JUN            | Awarded. Fellowships only     | 2023/09/11 | 2025/08/31 | \$108,268 | \$108,268 | \$93,131  | \$54,774  |
| 2,965 | T32CA244125 | 2T32CA244125-06   | UNIV OF NORTH CAROLINA CHAPEL HILL       | UNC Integrated Translational Oncology Program (UNC-iTOP)   | YEH, JEN JEN              | Awarded. Non-fellowships only | 2019/09/20 | 2029/06/30 | \$567,329 | \$567,329 | \$429,695 | \$567,329 |
| 2,966 | F31NS132514 | 5F31NS132514-02   | DREXEL UNIVERSITY                        | Mechanisms of rhythm generation and recruitment in mammalian locomotor-related spinal interneurons                       | SINGH, SHAYNA             | Awarded. Fellowships only     | 2023/09/15 | 2025/09/14 | \$96,668  | \$96,668  | \$64,984  | \$48,974  |
| 2,967 | F32DC021367 | 5F32DC021367-02   | UNIVERSITY OF WISCONSIN-MADISON          | Investigating the effects of psychosocial stress on laryngeal microbiology and epithelial barrier integrity              | VENKATRAMAN, ANUMITHA     | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$147,747 | \$147,747 | \$109,454 | \$76,984  |
| 2,968 | T32HL007013 | 2T32HL007013-46A1 | UNIVERSITY OF CALIFORNIA AT DAVIS        | Training in Comparative Lung Biology and Medicine  | KENYON, NICHOLAS J        | Awarded. Non-fellowships only | 1975/07/01 | 2029/07/31 | \$536,638 | \$536,638 | \$273,657 | \$536,638 |
| 2,969 | F31HL170762 | 5F31HL170762-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Respiratory health effects of aerosolized delta-8-THC and its oxidation products   | LOVE, CHARLOTTE ANN       | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$78,800  | \$78,800  | \$58,253  | \$40,040  |
| 2,970 | F31HL168849 | 5F31HL168849-02   | UNIVERSITY OF VIRGINIA                   | Virtual drug screen reveals context-dependent inhibition of cardiomyocyte hypertrophy                                    | EGGERTSEN, TAYLOR         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$78,960  | \$78,960  | \$40,270  | \$38,870  |
| 2,971 | F31AI167609 | 5F31AI167609-03   | UNIVERSITY OF UTAH                       | D-peptide Inhibitors of Uropathogenic E. coli Adhesion Proteins to Treat Urinary Tract Infections                        | ROBINS, MARCY             | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$124,300 | \$124,300 | \$109,730 | \$42,934  |
| 2,972 | T32HL144470 | 2T32HL144470-06A1 | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Pulmonary Focused Foundations in Innovation and Scholarship (PuFFinS)  | FEGHALI-BOSTWICK, CAROL A | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$450,155 | \$450,155 | \$219,187 | \$450,155 |
| 2,973 | T32AI007328 | 2T32AI007328-36A1 | STANFORD UNIVERSITY                      | Molecular Basis of Host Parasite Interaction   | SONNENBURG, JUSTIN L      | Awarded. Non-fellowships only | 1987/09/01 | 2029/07/31 | \$505,435 | \$505,435 | \$217,878 | \$505,435 |
| 2,974 | F31HL170698 | 5F31HL170698-02   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Regulation of cardiac small-conductance calcium-activated potassium channels by PIP2                                     | TRINH, PAULINE            | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$81,356  | \$81,356  | \$71,948  | \$41,318  |
| 2,975 | F31HL170750 | 5F31HL170750-02   | UNIVERSITY OF COLORADO DENVER            | Targeted Death of Collagen Ia1-Expressing Fibroblasts Reduces Silica-Induced Pulmonary Fibrosis                          | FOSTER, DANIEL G          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$67,510  | \$67,510  | \$55,750  | \$34,395  |
| 2,976 | F31HD112086 | 5F31HD112086-02   | UNIVERSITY OF MINNESOTA                  | EFFECTS OF DISEASE AND PALLIDAL DEEP BRAIN STIMULATION ON ANKLE MUSCLE CONTROL IN PARKINSONS DISEASE                     | LECY, EMILY ELIZABETH     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$94,583  | \$94,583  | \$44,734  | \$48,618  |
| 2,977 | F31HL170746 | 5F31HL170746-02   | UNIVERSITY OF VIRGINIA                   | Immune-epithelial progenitor interactions drive age-associated dysplastic lung repair post viral pneumonia               | NARASIMHAN, HARISH        | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$85,695  | \$85,695  | \$67,704  | \$38,001  |



|       |             |                   |                                       |  |                                  |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---------------------------------------|--|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 2,978 | T32AI049928 | 2T32AI049928-21   | HARVARD SCHOOL OF PUBLIC HEALTH       | The Graduate Program in Tropical Infectious Diseases   | WIRTH, DYANN F                   | Awarded. Non-fellowships only | 2001/07/01 | 2029/07/31 | \$322,863   | \$322,863   | \$259,010   | \$322,863 |
| 2,979 | T32AI052080 | 2T32AI052080-21A1 | DUKE UNIVERSITY                       | Tri-Institutional Molecular Mycology and Pathogenesis Training Program   | HEITMAN, JOSEPH                  | Awarded. Non-fellowships only | 2003/09/01 | 2029/07/31 | \$476,564   | \$476,564   | \$265,108   | \$476,564 |
| 2,980 | F31MH135708 | 5F31MH135708-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Segmentation and integration of experience in hippocampal neuronal representations   | WAHLBERG, RACHEL SOPHIA          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$99,168    | \$99,168    | \$85,077    | \$48,974  |
| 2,981 | T90HD118400 | 1T90HD118400-01   | STANFORD UNIVERSITY                   | Interdisciplinary research training in maternal and childhood pain   | SIMONS, LAURA E                  | Awarded. Non-fellowships only | 2024/09/01 | 2029/06/30 | \$366,377   | \$366,377   | \$34,348    | \$366,377 |
| 2,982 | T32CA113275 | 5T32CA113275-17   | WASHINGTON UNIVERSITY                 | Molecular Oncology Training Grant  | RATNER, LEE                      | Awarded. Non-fellowships only | 2006/09/01 | 2028/08/31 | \$977,936   | \$977,936   | \$558,724   | \$497,280 |
| 2,983 | T32AG082658 | 1T32AG082658-01A1 | ARIZONA STATE UNIVERSITY-TEMPE CAMPUS | Intergenerational Community Driven Training in Alzheimers Disease Research: An AI+X Approach   | WU, TERESA                       | Awarded. Non-fellowships only | 2024/09/15 | 2029/09/14 | \$340,632   | \$340,632   | \$78,400    | \$340,632 |
| 2,984 | F31NS130861 | 5F31NS130861-02   | DUKE UNIVERSITY                       | MicroRNA 374 as an Epigenetic Regulator of Chronic Pain  | HERNANDEZ, NATHANIEL             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$86,886    | \$86,886    | \$72,083    | \$44,083  |
| 2,985 | F32HL170490 | 5F32HL170490-02   | JOHNS HOPKINS UNIVERSITY              | Vagal airway sensory nerve activation by beta-coronavirus spike protein  | KIM, JOYCE SOOYEON               | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$146,256   | \$146,256   | \$118,407   | \$76,756  |
| 2,986 | F31MD018931 | 5F31MD018931-02   | JOHNS HOPKINS UNIVERSITY              | Hardship and Survival: The Impact of Migration-Related Trauma, Communal Coping, and Social Stressors on the Suicide and Mental Health Outcomes of Latina Immigrant Women | MATA LOPEZ, LAURA REBECA         | Award terminated              | 2023/10/01 | 2025/08/31 | \$96,668    | \$96,668    | \$81,105    | \$48,974  |
| 2,987 | F31MH135640 | 5F31MH135640-02   | WASHINGTON UNIVERSITY                 | Predicting trajectories of psychopathology using multimodal neuroimaging and multi-task learning   | JIRSARAIE, ROBERT J              | Awarded. Fellowships only     | 2023/09/20 | 2025/09/19 | \$83,868    | \$83,868    | \$41,286    | \$42,574  |
| 2,988 | F31HL164091 | 5F31HL164091-02   | UNIVERSITY OF UTAH                    | Laylin as a modulator of platelet activation and thromboinflammation   | MELLEMA, REBECCA                 | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$78,910    | \$78,910    | \$68,583    | \$40,095  |
| 2,989 | F30AI169746 | 5F30AI169746-03   | UNIV OF NORTH CAROLINA CHAPEL HILL    | Identifying the role of manganese limitation in antibiotic killing of Staphylococcus aureus  | VELEZ, AMANDA ZOYLA              | Awarded. Fellowships only     | 2022/12/01 | 2027/11/30 | \$127,123   | \$127,123   | \$101,191   | \$47,367  |
| 2,990 | T32CA227876 | 5T32CA227876-02   | RESEARCH INST OF FOX CHASE CAN CTR    | Training Grant in Precision Cancer Control   | FANG, CAROLYN Y                  | Awarded. Non-fellowships only | 2023/09/14 | 2028/08/31 | \$493,911   | \$493,911   | \$83,000    | \$337,966 |
| 2,991 | F31EY035557 | 5F31EY035557-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Validating novel candidate genes for normal-tension glaucoma   | PRESLEY, WILLIAM THOMAS          | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$82,918    | \$82,918    | \$82,213    | \$42,099  |
| 2,992 | F31HL168964 | 5F31HL168964-02   | VANDERBILT UNIVERSITY                 | Investigating KCNQ1 Mistrafficking in Long QT Syndrome   | MOSTER, KATHERINE R              | Awarded. Fellowships only     | 2023/09/01 | 2025/06/30 | \$62,606    | \$62,606    | \$52,454    | \$29,591  |
| 2,993 | F30HD112122 | 5F30HD112122-02   | WASHINGTON UNIVERSITY                 | The role of skull bone marrow-derived CNS macrophages in Rett syndrome.  | MAZZITELLI PEREZ, JOSE ALEJANDRO | Awarded. Fellowships only     | 2023/11/01 | 2025/10/31 | \$87,317    | \$87,317    | \$48,970    | \$53,974  |
| 2,994 | T32AI007519 | 2T32AI007519-26   | DARTMOUTH COLLEGE                     | Host-Microbe Interactions  | HOGAN, DEBORAH A                 | Awarded. Non-fellowships only | 1997/09/30 | 2029/07/31 | \$266,217   | \$266,217   | \$127,062   | \$266,217 |
| 2,995 | T32CA254875 | 5T32CA254875-04   | SLOAN-KETTERING INST CAN RESEARCH     | Molecular Imaging in Cancer Biology Training Program   | LEWIS, JASON S                   | Awarded. Non-fellowships only | 2021/08/19 | 2026/07/31 | \$1,448,990 | \$1,448,990 | \$1,101,337 | \$401,161 |
| 2,996 | F31HD110239 | 5F31HD110239-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES  | Socioeconomic Status and Inflammation Across the Transition from Adolescence to Adulthood  | ROCHA, SARAH ELIZABETH           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$119,399   | \$119,399   | \$102,529   | \$40,967  |
| 2,997 | F32EY033629 | 5F32EY033629-03   | SALK INSTITUTE FOR BIOLOGICAL STUDIES | The role of astrocytes in visual critical period plasticity  | SANCHO FERNANDEZ, LAURA          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$224,938   | \$224,938   | \$197,819   | \$81,364  |
| 2,998 | F32AI179104 | 5F32AI179104-02   | TUFTS UNIVERSITY BOSTON               | Identifying Determinants of Borrelia burgdorferi and Peromyscus leucopus symbiosis   | BOURGEOIS, JEFFREY               | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$143,364   | \$143,364   | \$124,334   | \$74,284  |
| 2,999 | F31MH129122 | 5F31MH129122-03   | DUKE UNIVERSITY                       | Circuit-Specific Interrogation of the Primate Claustrum  | EL-NAHAL, HALA GALAL             | Awarded. Fellowships only     | 2022/09/15 | 2025/09/14 | \$120,806   | \$120,806   | \$106,968   | \$41,436  |
| 3,000 | T32DK137525 | 5T32DK137525-02   | ARIZONA STATE UNIVERSITY-TEMPE CAMPUS | Interdisciplinary Systems-based Training for Precision Nutrition   | WHISNER, CORRIE MARIE            | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$578,951   | \$578,951   | \$220,674   | \$315,081 |



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|-------|-------------|-----------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,001 | F32AG076216 | 5F32AG076216-03 | JOHNS HOPKINS UNIVERSITY  | Development and Application of a Novel Method to Study Histone Inheritance in Asymmetrically Dividing Cells  | PALLADINO, JASON THOMAS    | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$218,266   | \$218,266   | \$190,393   | \$78,892  |
| 3,002 | T32CA009314 | 5T32CA009314-42 | JOHNS HOPKINS UNIVERSITY  | Institutional Research Cancer Epidemiology Fellowship  | PLATZ, ELIZABETH A         | Awarded. Non-fellowships only | 1988/07/01 | 2026/08/31 | \$1,783,946 | \$1,783,946 | \$1,739,058 | \$491,614 |
| 3,003 | T32AI007422 | 5T32AI007422-33 | TUFTS UNIVERSITY BOSTON   | Molecular Analysis of Microbial Pathogens  | ISBERG, RALPH R            | Awarded. Non-fellowships only | 1992/09/30 | 2027/08/31 | \$737,221   | \$737,221   | \$633,897   | \$246,732 |
| 3,004 | F32MH133274 | 5F32MH133274-02 | WAYNE STATE UNIVERSITY  | Impact of ambient PM2.5 concentrations on fear extinction recall, frontolimbic circuitry, and anxiety in adolescents   | ZUNDEL, CLARA              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$143,364   | \$143,364   | \$107,746   | \$74,284  |
| 3,005 | F32CA284543 | 5F32CA284543-02 | BRIGHAM AND WOMEN'S HOSPITAL  | Mechanisms of REST-mediated immunosuppression in cancer  | MICHAUD, DANIEL E          | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$143,364   | \$143,364   | \$96,229    | \$74,284  |
| 3,006 | T32CA190216 | 5T32CA190216-08 | UNIVERSITY OF COLORADO DENVER   | Training Program in Cancer Biology   | JORDAN, CRAIG T            | Awarded. Non-fellowships only | 2016/07/07 | 2027/07/31 | \$1,015,296 | \$1,015,296 | \$876,868   | \$369,111 |
| 3,007 | F32MH131325 | 5F32MH131325-02 | PRINCETON UNIVERSITY  | Task Representations in Ventral Tegmental Area Dopamine Neurons across Shifts in Behavioral Strategy and Reward Expectation  | SINISCALCHI, MICHAEL JAMES | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$146,256   | \$146,256   | \$133,630   | \$76,756  |
| 3,008 | F31CA284749 | 5F31CA284749-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO   | Defining a novel subset of metastasis-associated monocytes   | SUPERVILLE, DAPHNE A       | Awarded. Fellowships only     | 2023/08/03 | 2025/09/13 | \$90,538    | \$90,538    | \$44,629    | \$45,909  |
| 3,009 | F31NS134186 | 5F31NS134186-02 | UNIVERSITY OF MINNESOTA   | Examining Factors of Phantom Limb Pain through Person-Centered Assessment  | FALBO, KIERRA J            | Awarded. Fellowships only     | 2023/09/29 | 2026/09/28 | \$80,482    | \$80,482    | \$80,482    | \$35,417  |
| 3,010 | T32CA265828 | 5T32CA265828-03 | COLUMBIA UNIVERSITY HEALTH SCIENCES   | Genome and Epigenome Integrity In Cancer   | ZHANG, ZHIGUO              | Awarded. Non-fellowships only | 2022/09/01 | 2027/08/31 | \$1,054,493 | \$1,054,493 | \$771,811   | \$373,349 |
| 3,011 | F31CA275320 | 5F31CA275320-03 | ST. JUDE CHILDREN'S RESEARCH HOSPITAL GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, LLC | Cancer-associated fibroblasts and extracellular matrix remodeling in pediatric neuroblastoma   | PETERSON, NICOLAS          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$131,420   | \$131,420   | \$113,189   | \$44,974  |
| 3,012 | F31CA275295 | 5F31CA275295-03 | DUKE UNIVERSITY   | Investigating and targeting metabolic vulnerabilities of MYC-driven small cell lung cancer   | IRELAND, ABBIE SHAYE       | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$129,143   | \$48,974  |
| 3,013 | F30AG084336 | 5F30AG084336-02 | PURDUE UNIVERSITY   | Clinically feasible functional MRI providing independent assessments of cerebrovascular stiffness and microcirculation in typical aging and Alzheimers Disease cohorts | WRIGHT, ADAM M             | Awarded. Fellowships only     | 2023/08/14 | 2027/08/13 | \$106,668   | \$106,668   | \$71,310    | \$53,974  |
| 3,014 | F31HD110206 | 5F31HD110206-03 | UT SOUTHWESTERN MEDICAL CENTER  | Elucidating the role of the E3 ubiquitin ligase UBE3B in neuronal activity   | VASHISTH, SHAYAL           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$117,242   | \$117,242   | \$101,647   | \$40,606  |
| 3,015 | F32DE032554 | 5F32DE032554-02 | UNIVERSITY OF COLORADO DENVER   | Characterization of PDGFR alpha/beta heterodimers  | CAMPANA, MARIA B           | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$156,508   | \$156,508   | \$115,910   | \$81,895  |
| 3,016 | T32AG000221 | 5T32AG000221-33 | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Training in the Demography and Economics of Aging  | BURGARD, SARAH A           | Awarded. Non-fellowships only | 1992/09/01 | 2027/08/31 | \$2,044,730 | \$2,044,730 | \$1,687,888 | \$709,147 |
| 3,017 | F32ES034954 | 5F32ES034954-02 | DUKE UNIVERSITY   | Natural variation in C. elegans responses to environmental pollution   | LEUTHNER, TESS CATHERINE   | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$144,426   | \$144,426   | \$120,158   | \$74,629  |
| 3,018 | F31LM014201 | 5F31LM014201-02 | NORTHWESTERN UNIVERSITY AT CHICAGO  | AE2Vec: Medical concept embedding and time-series analysis for automated adverse event detection   | TRAN, STEVEN DUC           | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$94,544    | \$94,544    | \$56,793    | \$47,912  |
| 3,019 | T32HL007778 | 5T32HL007778-30 | YALE UNIVERSITY   | Training in Translational Lung Biology and Pathobiology  | KAMINSKI, NAFTALI          | Awarded. Non-fellowships only | 1994/07/15 | 2025/06/30 | \$3,662,924 | \$3,662,924 | \$3,001,334 | \$552,994 |
| 3,020 | F30DC021350 | 5F30DC021350-02 | WEILL MEDICAL COLL OF CORNELL UNIV  | Mechanisms of sensory hair cell reinnervation following lateral line cranial nerve damage in Danio rerio   | ROY, ROHAN                 | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$106,668   | \$106,668   | \$78,613    | \$53,974  |

|       |             |                   |  |   |                           |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|--|---|---------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 3,021 | F31HL165636 | 5F31HL165636-03   | UNIVERSITY OF PENNSYLVANIA               | Pulmonary Vascular Regeneration via Venous Endothelial Progenitors  | WONG, JOANNA              | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$130,976 | \$130,976 | \$121,544 | \$36,530  |
| 3,022 | T35AG067578 | 5T35AG067578-05   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Training Future Leaders in Aging Research   | SORIANO, RAINIER P        | Awarded. Non-fellowships only | 2020/05/01 | 2025/08/31 | \$616,126 | \$616,126 | \$442,450 | \$122,017 |
| 3,023 | F31HL165826 | 5F31HL165826-03   | UNIVERSITY OF LOUISVILLE                 | Role of Pck2 in cardiac fibrosis  | WELLS, COLLIN             | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$104,234 | \$104,234 | \$88,367  | \$35,912  |
| 3,024 | F31NS129248 | 5F31NS129248-03   | YALE UNIVERSITY                          | Co-transcriptional mechanisms of neuronal microexon splicing: causes and consequences for 3 end processing  | GORDON, JACKSON           | Awarded. Fellowships only     | 2022/09/01 | 2025/07/31 | \$126,035 | \$126,035 | \$94,295  | \$31,589  |
| 3,025 | F31HL165892 | 5F31HL165892-03   | BOSTON UNIVERSITY MEDICAL CAMPUS         | Lung MIW12 and the host defense against Influenza A virus   | HENAO VASQUEZ, JHONATAN   | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420 | \$143,420 | \$131,553 | \$48,974  |
| 3,026 | T32AG078123 | 5T32AG078123-02   | RENSSELAER POLYTECHNIC INSTITUTE         | Predoctoral Training Program for Alzheimer's Disease at the Interface of Data Science, Engineering and Biology  | WANG, CHUNYU              | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$489,103 | \$489,103 | \$374,807 | \$248,316 |
| 3,027 | F31AA031428 | 5F31AA031428-02   | SYRACUSE UNIVERSITY                      | Multiracial Discrimination Scale: Development and Psychometric Validation of its Associations with Alcohol Use and Misuse among Multiracial Young Adults                                    | DOBANI, FATIMA            | Awarded. Fellowships only     | 2023/08/25 | 2025/08/24 | \$71,407  | \$71,407  | \$62,181  | \$32,974  |
| 3,028 | F32CA275151 | 5F32CA275151-03   | CORNELL UNIVERSITY                       | Probing a novel signaling complex that sustains AKT activation to support stress survival in cancer   | ZANOTELLI, MATTHEW R      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$213,430 | \$213,430 | \$181,911 | \$76,756  |
| 3,029 | F31AI179064 | 5F31AI179064-02   | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | Investigation of novel chlamydia vaccines in male infection models and sexual transmission challenges   | JAMUS, ANDZOA             | Awarded. Fellowships only     | 2023/09/01 | 2026/07/31 | \$75,468  | \$75,468  | \$58,550  | \$38,374  |
| 3,030 | F32ES034982 | 5F32ES034982-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | DNA repair pathway coordination during damage processing  | SCHAICH, MATTHEW ALLEN    | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$150,684 | \$150,684 | \$95,561  | \$78,892  |
| 3,031 | F31NS131036 | 5F31NS131036-03   | YALE UNIVERSITY                          | Cellular and molecular mechanisms of cold-adapted mechanosensation in the hibernating squirrel  | GREENBERG, REBECCA        | Awarded. Fellowships only     | 2022/12/16 | 2025/10/15 | \$140,938 | \$140,938 | \$91,053  | \$44,270  |
| 3,032 | F31HL172616 | 1F31HL172616-01A1 | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Molecular Basis of Left Ventricular Non-Compaction Mutations in Cardiac Myosin  | BODT, SKYLAR ML           | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$35,908  | \$35,908  | \$22,621  | \$35,908  |
| 3,033 | F32HL176151 | 1F32HL176151-01   | JOHNS HOPKINS UNIVERSITY                 | Uncertainty and Expectation Formation in Acute Respiratory Failure Survivors  | BOUHASSIRA, DIANA         | Awarded. Fellowships only     | 2024/09/18 | 2026/09/17 | \$102,932 | \$102,932 | \$66,892  | \$102,932 |
| 3,034 | F31MH138105 | 1F31MH138105-01   | UNIVERSITY OF SOUTH FLORIDA              | Investigation of Gastrointestinal Interoception in the Maintenance of Disordered Eating Behaviors   | POOVEY, KENDALL NICOLE    | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$39,186  | \$39,186  | \$26,226  | \$39,186  |
| 3,035 | F30HL176149 | 1F30HL176149-01   | YALE UNIVERSITY                          | Deep Learning-enhanced Evaluation of Quality of Care and Disparities Among Patients with Heart Failure in the Electronic Health Record  | ADEJUMO, PHILIP O         | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$36,958  | \$36,958  | \$24,577  | \$36,958  |
| 3,036 | F31MH138053 | 1F31MH138053-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Examining the Role of State-level Restorative Justice Policies and their Implementation in Mental Health Disparities among Adolescent Dating Violence Girl Survivors: A Mixed Methods Study | SHARPLESS, LAUREL ANN     | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$43,583  | \$43,583  | \$32,643  | \$43,583  |
| 3,037 | F31GM153163 | 1F31GM153163-01A1 | JOHNS HOPKINS UNIVERSITY                 | In vitro Reconstitution of the C. elegans Synaptonemal Complex  | CESAR-HERNANDEZ, BRENDA I | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974  | \$48,974  | \$24,642  | \$48,974  |
| 3,038 | F31NS130867 | 5F31NS130867-03   | UNIVERSITY OF COLORADO DENVER            | The role of cerebellar output in the control of motor coordination  | DOBROTT, COURTNEY I       | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$111,347 | \$111,347 | \$84,730  | \$37,941  |
| 3,039 | F30GM153101 | 1F30GM153101-01A1 | UPSTATE MEDICAL UNIVERSITY               | Targeting Both Hyperinflammation and Pyroptosis Via Nanotherapeutics to Improve Outcomes in Gram-Negative Sepsis  | MESSINA, JENNIFER M       | Awarded. Fellowships only     | 2024/07/18 | 2026/07/17 | \$53,974  | \$53,974  | \$23,864  | \$53,974  |
| 3,040 | F31AT013031 | 1F31AT013031-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Late-stage functionalization and bioactivity investigation of azaphilone compounds  | TORMA, KATHERINE JANE     | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$42,348  | \$42,348  | \$37,685  | \$42,348  |

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|-------|-------------|-------------------|---|--|--------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|----------|
| 3,041 | F30AG085919 | 5F30AG085919-02   | BAYLOR COLLEGE OF MEDICINE  | Genetic resiliency to disease progression in Alzheimers disease  | ST ROMAIN, COREY         | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$98,511  | \$98,511  | \$76,361  | \$49,209 |
| 3,042 | F31NS139677 | 1F31NS139677-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER   | Investigating the Role of Endosomal Toll-Like Receptors in Remyelination   | STILLMAN, JACOB MAXWELL  | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$36,369  | \$36,369  | \$33,486  | \$36,369 |
| 3,043 | F31NS134239 | 5F31NS134239-02   | JOHNS HOPKINS UNIVERSITY  | The Role of the Neuronal Membrane Proteasome in the Peripheral Nervous System and Pain Sensation   | CHURCH, TAYLOR RENNE     | Awarded. Fellowships only     | 2023/09/01 | 2027/09/30 | \$96,668  | \$96,668  | \$64,624  | \$48,974 |
| 3,044 | F31EY035931 | 1F31EY035931-01A1 | BAYLOR COLLEGE OF MEDICINE  | Uncovering the role of Ankyrins in photoreceptor wiring  | PEREZ, ROSS MICHAEL      | Awarded. Fellowships only     | 2024/07/18 | 2027/07/17 | \$48,974  | \$48,974  | \$24,720  | \$48,974 |
| 3,045 | F31HL167628 | 5F31HL167628-03   | YALE UNIVERSITY   | Establishing the role and mechanisms of LSD1 during megakaryocytic and erythroid fate commitment   | THOMPSON, EVRETT         | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$154,142 | \$154,142 | \$83,036  | \$51,974 |
| 3,046 | F31AI186480 | 1F31AI186480-01   | EMORY UNIVERSITY  | From exposure to infection: defining factors modulating the efficiency of influenza A virus infection                                    | VARGAS-MALDONADO, NAHARA | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$48,974  | \$48,974  | \$30,899  | \$48,974 |
| 3,047 | F31MH138088 | 1F31MH138088-01   | YALE UNIVERSITY   | Norepinephrine and second messenger encoding of temporal threat proximity  | BASU, AAKASH             | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974  | \$48,974  | \$23,776  | \$48,974 |
| 3,048 | F31HL172683 | 1F31HL172683-01A1 | EMORY UNIVERSITY  | A Multiscale Computational Model of the Heart for Patient-specific Diagnosis of HFpEF  | HUSSEIN, TAWFIK          | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$48,974  | \$48,974  | \$16,055  | \$48,974 |
| 3,049 | F32DA061606 | 1F32DA061606-01   | VANDERBILT UNIVERSITY   | Cocaine effects on spatial patterns of striatal dopamine release   | ELAM, HANNAH             | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$73,828  | \$73,828  | \$59,215  | \$73,828 |
| 3,050 | F30CA247458 | 5F30CA247458-06   | CORNELL UNIVERSITY  | The role of the DNA damage response in the development and therapeutic sensitivity of malignant testicular germ cell tumors.             | LOEHR, AMANDA            | Awarded. Fellowships only     | 2020/01/01 | 2025/08/31 | \$275,329 | \$275,329 | \$252,486 | \$44,566 |
| 3,051 | F31HL176388 | 1F31HL176388-01A1 | BOSTON UNIVERSITY MEDICAL CAMPUS  | The Role of Proton-Activated Chloride Channel 1 (PACCL1) in Bacterial Pneumonia and Sepsis   | GARO, LUCIEN PETER       | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$37,031  | \$48,974 |
| 3,052 | F31AA031916 | 1F31AA031916-01   | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR  | The Impact of Third Trimester Alcohol Exposure on Memories Encoded by Sharp-Wave Ripples of the Hippocampal-Retrosplenial Cortex Circuit | MYRICK, ABBEY            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$39,563  | \$39,563  | \$22,520  | \$39,563 |
| 3,053 | F31HL176168 | 1F31HL176168-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES   | Investigating the Genetic and Epigenetic Control of Basal Cell Identity  | DIRVIN, BROOKE GREER     | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$44,270  | \$48,974 |
| 3,054 | F31DC021386 | 5F31DC021386-02   | UNIVERSITY OF WISCONSIN-MADISON   | Listening to and Learning from Disfluent Speech in Children with and without Developmental Language Disorder                             | LIBERSKY, EMMA JANE      | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$73,108  | \$73,108  | \$52,119  | \$36,015 |
| 3,055 | F31MH134477 | 5F31MH134477-02   | STANFORD UNIVERSITY   | Mechanistic Principles of SNARE Disassembly in Neurotransmitter Release  | KHAN, YOUSUF A           | Awarded. Fellowships only     | 2023/12/11 | 2025/12/10 | \$83,637  | \$83,637  | \$54,826  | \$42,690 |
| 3,056 | F31HL176155 | 1F31HL176155-01   | UNIV OF NORTH CAROLINA CHAPEL HILL  | Reducing Pulmonary Inflammation in Obesity with Docosahexaenoic Acid   | VIRK, RAFIA              | Awarded. Fellowships only     | 2024/09/13 | 2027/03/13 | \$40,583  | \$40,583  | \$28,716  | \$40,583 |
| 3,057 | F31AI186413 | 1F31AI186413-01   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, LLC | Metabolic signaling dictates context-dependent Treg cell functional heterogeneity  | NORTON, ERIENNE GRACE    | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$47,974  | \$47,974  | \$27,872  | \$47,974 |
| 3,058 | T32HL144456 | 5T32HL144456-07   | ALBERT EINSTEIN COLLEGE OF MEDICINE   | Mechanisms of cardiovascular disease   | SIBINGA, NICHOLAS E      | Awarded. Non-fellowships only | 2019/01/01 | 2029/01/31 | \$394,324 | \$394,324 | \$266,432 | \$52,913 |
| 3,059 | F31ES036105 | 1F31ES036105-01A1 | THOMAS JEFFERSON UNIVERSITY   | Uncovering the impact of oxidative stress on centromere integrity  | THOMPSON, LILY           | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974  | \$48,974  | \$36,145  | \$48,974 |
| 3,060 | F31DC022182 | 1F31DC022182-01   | GALLAUDET UNIVERSITY  | American Sign Language and Spatial Cognition Skills: A Neurocognitive Study Using EEG and Standardized Neuropsychological Assessments    | SCHWENK, MELODY FAITH    | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$33,839  | \$48,974 |
| 3,061 | F32GM146357 | 5F32GM146357-03   | UNIVERSITY OF WISCONSIN-MADISON   | Nickel Cross-Coupling Cascades with a-Heteroatom Radicals to Prepare Sterically Hindered Alcohols and Amines                             | BELEH, OMAR              | Awarded. Fellowships only     | 2023/02/15 | 2026/02/14 | \$220,120 | \$220,120 | \$153,241 | \$76,756 |

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|-------|-------------|-------------------|---|---|------------------------|----------|------------------|------------|------------|-----------|-----------|----------|----------|
| 3,062 | F32HL176082 | 1F32HL176082-01   | OHIO STATE UNIVERSITY                   | Post-Translational Modification of Annexin A2 Mediates Surfactant Dysfunction During Injurious Mechanical Ventilation   | BENTLEY, IAN           | Awarded. | Fellowships only | 2024/12/01 | 2026/11/30 | \$86,932  | \$86,932  | \$34,874 | \$86,932 |
| 3,063 | F31NS132520 | 5F31NS132520-02   | JOHNS HOPKINS UNIVERSITY                | Inhibition of MIF nuclease-mediated parthanatos prevents neuron and oligodendrocyte death in the context of multiple sclerosis                                | MACE, JACKSON          | Awarded. | Fellowships only | 2023/12/04 | 2026/06/03 | \$97,948  | \$97,948  | \$38,479 | \$48,974 |
| 3,064 | F31HL170510 | 5F31HL170510-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Shear stress-activated synthetic cells for targeted drug release in stenotic blood vessels  | HWANG, SUNG-WON        | Awarded. | Fellowships only | 2023/09/01 | 2025/08/31 | \$83,868  | \$83,868  | \$83,868 | \$42,574 |
| 3,065 | F30CA287690 | 1F30CA287690-01A1 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Deconvoluting the contributions of the IFNγ pathway components to lung TME and tumor immunity   | TEPPER, ALEXANDER      | Awarded. | Fellowships only | 2024/07/15 | 2026/07/14 | \$53,974  | \$53,974  | \$10,304 | \$53,974 |
| 3,066 | F32CA294934 | 1F32CA294934-01   | BOSTON CHILDREN'S HOSPITAL              | Defining the role of stress granules in cancer initiation   | DRAKE, KYLE DAVID      | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$73,828  | \$73,828  | \$62,238 | \$73,828 |
| 3,067 | F32HL176198 | 1F32HL176198-01   | STANFORD UNIVERSITY                     | Risk Assessment and Outcomes Across the Clinical Spectrum of Cardiotoxicity from Immune Checkpoint Inhibitors   | CHENG, EVALINE         | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$83,932  | \$83,932  | \$43,093 | \$83,932 |
| 3,068 | F31HG013890 | 1F31HG013890-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Hierarchical modeling and simulation to optimize cell village experimental design and the analysis of scRNA-seq data  | HANSON, CHLOE C        | Awarded. | Fellowships only | 2024/12/01 | 2027/11/30 | \$41,308  | \$41,308  | \$0      | \$41,308 |
| 3,069 | F31HL175884 | 1F31HL175884-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Elucidating the Role of Notch/HES Signaling in Alveolar Epithelial Type II to Type I Cell Differentiation   | LIANG, JESSICA         | Awarded. | Fellowships only | 2024/09/24 | 2028/09/23 | \$42,094  | \$42,094  | \$26,097 | \$42,094 |
| 3,070 | F31NS139499 | 1F31NS139499-01   | UNIVERSITY OF ROCHESTER                 | Characterization of the Integrator-Z3 module as a regulator of neuronal differentiation   | HASELEY, MARYCLAIRE    | Awarded. | Fellowships only | 2024/07/01 | 2027/06/30 | \$48,974  | \$48,974  | \$33,653 | \$48,974 |
| 3,071 | F31ES036890 | 1F31ES036890-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | The role for cell cycle regulators in trichloroethylene induced Parkinsons dementia   | ADAMSON, ASHLEY        | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$40,264  | \$40,264  | \$19,292 | \$40,264 |
| 3,072 | F31HL176125 | 1F31HL176125-01   | UNIVERSITY OF WASHINGTON                | Investigating vascular-cardiac interactions in a perfusable engineered heart tissue   | FREY, ARIANA           | Awarded. | Fellowships only | 2025/01/01 | 2026/12/31 | \$44,249  | \$44,249  | \$0      | \$44,249 |
| 3,073 | F31HD116526 | 1F31HD116526-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Evaluating cerebrovascular reactivity in autistic and non-autistic children using resting-state functional MRI  | LEE, QUIMBY            | Awarded. | Fellowships only | 2024/08/01 | 2026/07/31 | \$41,972  | \$41,972  | \$32,564 | \$41,972 |
| 3,074 | F30AG084163 | 7F30AG084163-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Menopausal Knee-ds: Elucidating mechanisms and treatments for knee osteoarthritis   | GILMER, GABRIELLE      | Awarded. | Fellowships only | 2023/09/01 | 2025/08/31 | \$106,668 | \$106,668 | \$80,033 | \$53,974 |
| 3,075 | F31AA031599 | 1F31AA031599-01A1 | UNIVERSITY OF MEMPHIS                   | Reaching Non-Four-Year College Emerging Adults with Brief Alcohol Interventions: An Investigation of Service User Preferences and Implementation Determinants | TEMPCHIN, JACOB DANIEL | Awarded. | Fellowships only | 2024/08/09 | 2027/08/08 | \$51,974  | \$51,974  | \$31,301 | \$51,974 |
| 3,076 | F30AG085987 | 1F30AG085987-01A1 | WASHINGTON UNIVERSITY                   | Chimeric Antigen Receptor Myeloid Cells for Alzheimers Disease Therapy  | KIM, ALEXANDER         | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$34,623  | \$34,623  | \$20,465 | \$34,623 |
| 3,077 | F32DK139657 | 1F32DK139657-01A1 | UNIVERSITY OF COLORADO DENVER           | Intrauterine mechanisms for liver metabolic disease in the growth-restricted fetus  | MCGUCKIN, MOLLY        | Awarded. | Fellowships only | 2024/07/10 | 2027/03/09 | \$73,828  | \$73,828  | \$51,318 | \$73,828 |
| 3,078 | F31AI186490 | 1F31AI186490-01   | UT SOUTHWESTERN MEDICAL CENTER          | Identification of the Role of FlgW in the Biogenesis of the fl3SS in Campylobacter jejuni   | DOBBINS, AMANDA        | Awarded. | Fellowships only | 2024/12/01 | 2026/11/30 | \$40,127  | \$40,127  | \$14,416 | \$40,127 |
| 3,079 | F30DC022213 | 1F30DC022213-01   | UT SOUTHWESTERN MEDICAL CENTER          | The Foxp2 Influence on the Developing Auditory Pathway  | JANKOVIC, MIRANDA      | Awarded. | Fellowships only | 2024/06/01 | 2027/05/31 | \$40,127  | \$40,127  | \$35,591 | \$40,127 |
| 3,080 | F31AG090005 | 1F31AG090005-01   | UNIVERSITY OF ILLINOIS AT CHICAGO       | Endogenous drivers of endothelial inflammation in Alzheimers Disease  | SANBORN, MARK ALLEN    | Awarded. | Fellowships only | 2024/08/16 | 2027/08/15 | \$48,974  | \$48,974  | \$38,937 | \$48,974 |

|       |             |                   |   |   |                             |          |                  |            |            |           |           |           |          |
|-------|-------------|-------------------|---|---|-----------------------------|----------|------------------|------------|------------|-----------|-----------|-----------|----------|
| 3,081 | F30HL162528 | 5F30HL162528-04   | UNIVERSITY OF CHICAGO   | Uncovering the Mechanism of Potassium Channel Folding and Assembly with Implications for the Molecular Basis of Cardiac Arrhythmia                                | MOLINA, ANDREW VINCENT      | Awarded. | Fellowships only | 2022/01/01 | 2026/12/31 | \$212,394 | \$212,394 | \$162,726 | \$53,974 |
| 3,082 | F31NR021236 | 1F31NR021236-01A1 | CASE WESTERN RESERVE UNIVERSITY                               | Young Adult with Type 1 Diabetes' Discrimination Stress and Cardiovascular Health   | HOWARD, QUIANA              | Awarded. | Fellowships only | 2024/07/01 | 2027/05/31 | \$48,974  | \$48,974  | \$43,050  | \$48,974 |
| 3,083 | F31AG084257 | 1F31AG084257-01A1 | WASHINGTON UNIVERSITY   | Enhancing proteasomal activity and tau clearance via USP14 reduction in Alzheimers Disease mouse models   | HU, MIWEI                   | Awarded. | Fellowships only | 2024/09/16 | 2027/09/15 | \$34,623  | \$34,623  | \$16,937  | \$34,623 |
| 3,084 | F31NS135928 | 1F31NS135928-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM                           | Role of Rab27 Isoforms on Alpha-Synuclein Endocytosis and Clearance   | SCHOLZ, KASANDRA J          | Awarded. | Fellowships only | 2024/09/25 | 2026/09/24 | \$40,264  | \$40,264  | \$18,537  | \$40,264 |
| 3,085 | F31GM156018 | 1F31GM156018-01   | UNIVERSITY OF PENNSYLVANIA                                    | Repressive Heterochromatin Establishment by Polycomb Complexes  | GARCIA, SEGOVIA             | Awarded. | Fellowships only | 2024/07/01 | 2026/06/30 | \$48,974  | \$48,974  | \$44,259  | \$48,974 |
| 3,086 | F30AG079575 | 5F30AG079575-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER                       | Understanding the regulation of the intestinal epithelium in Alzheimer's disease by commensal bacteria and the role it plays in preventing neurocognitive decline | LOEW, ETHAN BAILEY          | Awarded. | Fellowships only | 2023/07/01 | 2027/06/30 | \$71,240  | \$71,240  | \$57,356  | \$36,260 |
| 3,087 | F31AI181098 | 1F31AI181098-01A1 | HARVARD MEDICAL SCHOOL  | Molecular basis of cyclic-di-AMP regulation in Gram-positive bacteria   | BROGAN, ANNA P              | Awarded. | Fellowships only | 2024/09/01 | 2026/08/31 | \$36,983  | \$36,983  | \$27,248  | \$36,983 |
| 3,088 | F31CA294618 | 1F31CA294618-01   | VANDERBILT UNIVERSITY   | Elucidating Glutamine Metabolism in Breast to Bone Metastasis   | KARNO, BREELYN A            | Awarded. | Fellowships only | 2024/07/01 | 2027/06/30 | \$34,370  | \$34,370  | \$26,374  | \$34,370 |
| 3,089 | F31DC022161 | 1F31DC022161-01   | UNIVERSITY OF WISCONSIN-MADISON                               | Vocal dysfunction and vagally mediated brainstem pathology in prodromal Parkinson disease   | KRASKO, MARYANN N           | Awarded. | Fellowships only | 2024/07/01 | 2025/06/30 | \$42,574  | \$42,574  | \$28,804  | \$42,574 |
| 3,090 | F31HD114434 | 1F31HD114434-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO                       | Heterogeneity of the effect of Azithromycin on morbidity and mortality among children in Burkina Faso   | GEBREEGZIABHER, ELISABETH A | Awarded. | Fellowships only | 2024/09/09 | 2027/08/31 | \$42,574  | \$42,574  | \$22,701  | \$42,574 |
| 3,091 | F31AG090102 | 1F31AG090102-01   | STANFORD UNIVERSITY   | Lifespace mobility and cognitive decline after stroke   | DOBROTA LAI, SYLVIE DIANE   | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$26,806  | \$48,974 |
| 3,092 | F31AA031627 | 1F31AA031627-01A1 | UNIVERSITY OF MISSOURI-COLUMBIA                               | A Multi-Method Investigation of the Role of Reward-Related Impulsivity in the Development of Alcohol Expectancies in Early Adolescence                            | PORTER, ANNA                | Awarded. | Fellowships only | 2024/09/01 | 2026/08/31 | \$40,219  | \$40,219  | \$25,779  | \$40,219 |
| 3,093 | F31DE034283 | 1F31DE034283-01   | HARVARD MEDICAL SCHOOL  | Characterizing structural variation at the amylase locus influencing oral health  | KAMITAKI, NOLAN             | Awarded. | Fellowships only | 2024/09/01 | 2027/08/31 | \$44,003  | \$44,003  | \$30,115  | \$44,003 |
| 3,094 | F31DE034281 | 1F31DE034281-01   | HENRY FORD HEALTH + MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Membrane Ubiquitin Ligase-Driven Immune Evasion in HPV+ Head and Neck Cancer  | VU, LEXI                    | Awarded. | Fellowships only | 2024/08/16 | 2026/08/15 | \$46,848  | \$46,848  | \$25,749  | \$46,848 |
| 3,095 | F31HL164064 | 5F31HL164064-02   | VANDERBILT UNIVERSITY   | Deconvolution of Physicochemical Properties Contributing to Passive Diffusion of Depsipeptides  | THORPE, MADELAINE PAIGE     | Awarded. | Fellowships only | 2023/09/01 | 2026/08/31 | \$67,220  | \$67,220  | \$49,903  | \$34,250 |
| 3,096 | F31DA060040 | 1F31DA060040-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL                            | Modeling dynamic relations in substance use research: Challenges and opportunities.   | TRAVER, JENNIFER MARIE      | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$40,441  | \$40,441  | \$38,961  | \$40,441 |
| 3,097 | F31GM151819 | 5F31GM151819-02   | UNIVERSITY OF COLORADO DENVER                                 | High-throughput dissection of RNA localization regulatory elements  | MOFFATT, CHARLIE E          | Awarded. | Fellowships only | 2023/08/01 | 2025/07/31 | \$74,127  | \$74,127  | \$60,714  | \$37,773 |
| 3,098 | F32AR083267 | 5F32AR083267-02   | BAYLOR COLLEGE OF MEDICINE                                    | The mechanism of CELF1 upregulation and its role in the pathogenesis of Myotonic Dystrophy Type 1   | NITSCHKE, LARISSA           | Awarded. | Fellowships only | 2024/01/01 | 2026/12/31 | \$148,200 | \$148,200 | \$88,984  | \$76,408 |
| 3,099 | F32HD114417 | 1F32HD114417-01A1 | COLUMBIA UNIV NEW YORK MORNINGSIDE                            | Caregiver influences on item-context memory and arousal in toddlers   | YATES, TRISTAN SKYE         | Awarded. | Fellowships only | 2024/11/01 | 2027/10/31 | \$73,828  | \$73,828  | \$10,238  | \$73,828 |
| 3,100 | F32AI186281 | 1F32AI186281-01   | UNIVERSITY OF ARIZONA   | HCMV stimulation of interferon signaling to promote viral gene expression and latency   | WHITE, TIMOTHY M            | Awarded. | Fellowships only | 2024/11/01 | 2027/10/31 | \$74,284  | \$74,284  | \$38,280  | \$74,284 |
| 3,101 | F31AI181539 | 1F31AI181539-01A1 | UNIVERSITY OF MONTANA   | Sphingomyelin Metabolism Impacts on Crystalline Silica-Induced Outcomes   | ALBRIGHT, JACOB             | Awarded. | Fellowships only | 2024/08/12 | 2026/08/11 | \$38,800  | \$38,800  | \$23,826  | \$38,800 |

|       |             |                   |  |  |                               |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|--|--|-------------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 3,102 | F32HL176108 | 1F32HL176108-01   | STANFORD UNIVERSITY                      | Mitochondrial therapy in conjunction with guideline directed medical therapy in cardiomyopathy   | LI, JIWEN                     | Awarded. Fellowships only | 2024/09/13 | 2026/09/12 | \$86,488  | \$86,488  | \$41,603  | \$86,488 |
| 3,103 | F32AR084906 | 1F32AR084906-01   | UNIVERSITY OF PENNSYLVANIA               | Multiscale mechano-metabolic regulation of fibrous tissue homeostasis  | KUPRATIS, MEGHAN ELIZABETH    | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$73,828  | \$73,828  | \$56,053  | \$73,828 |
| 3,104 | F31CA287704 | 1F31CA287704-01A1 | YALE UNIVERSITY                          | Elucidating mechanisms underlying NSCLC progression to leptomeningeal disease  | KANDIGIAN, SAVANNAH ELIZABETH | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$17,455  | \$48,974 |
| 3,105 | F30MH126607 | 5F30MH126607-04   | UNIVERSITY OF COLORADO                   | Investigating the role of hippocampocortical circuitry in long term social memory.   | SHEERAN, WILLIAM M            | Awarded. Fellowships only | 2022/01/01 | 2025/12/31 | \$163,071 | \$163,071 | \$128,826 | \$41,942 |
| 3,106 | F31AI186432 | 1F31AI186432-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Viper-active: Snake Venom Microbiome as a Source for Bacterially-derived Molecule Discovery  | LEV, KATHERINE LEAH           | Awarded. Fellowships only | 2024/09/01 | 2026/07/31 | \$42,348  | \$42,348  | \$34,547  | \$42,348 |
| 3,107 | F31HL172589 | 1F31HL172589-01A1 | DUKE UNIVERSITY                          | Investigating the Effects of Hutchinson-Gilford Progeria Syndrome Mutation Correction in Tissue-Engineered Blood Vessels               | SHORES, KEVIN                 | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$42,132  | \$42,132  | \$30,563  | \$42,132 |
| 3,108 | F31HL172345 | 1F31HL172345-01A1 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Defining the temporospatial functions of neutrophils in acute airspace disease   | HAYNES, MAUREEN               | Awarded. Fellowships only | 2024/12/01 | 2026/11/30 | \$44,187  | \$44,187  | \$9,859   | \$44,187 |
| 3,109 | F30CA284540 | 5F30CA284540-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Investigating Immunosuppression in Beta-catenin-mutated Hepatocellular Carcinoma for Improved Precision Medicine Therapeutics          | LEHRICH, BRANDON              | Awarded. Fellowships only | 2023/07/01 | 2026/06/30 | \$106,668 | \$106,668 | \$78,538  | \$53,974 |
| 3,110 | F32NS132956 | 5F32NS132956-02   | RUTGERS, THE STATE UNIV OF N.J.          | Arlene George F32  | GEORGE, ARLENE JOANN          | Awarded. Fellowships only | 2024/01/02 | 2026/12/31 | \$147,864 | \$147,864 | \$97,277  | \$74,284 |
| 3,111 | F31AI174951 | 5F31AI174951-03   | EMORY UNIVERSITY                         | Structural and Biochemical Effects of Capsid-targeting Molecules on HIV-1 Capsid Assembly  | MCFADDEN, WILLIAM MICHAEL     | Awarded. Fellowships only | 2022/12/29 | 2026/12/28 | \$145,642 | \$145,642 | \$111,578 | \$48,974 |
| 3,112 | F31EY036730 | 1F31EY036730-01   | UT SOUTHWESTERN MEDICAL CENTER           | Investigating the Role of Systemic Sex Hormones on Photoreceptor Degeneration  | ROWE, ASHLEY                  | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$40,127  | \$40,127  | \$25,209  | \$40,127 |
| 3,113 | F30MD019959 | 1F30MD019959-01   | UNIVERSITY OF MINNESOTA                  | Stigmatizing Language in Cancer Care Electronic Health Records   | DONA, ALLISON C               | Awarded. Fellowships only | 2024/08/28 | 2028/08/27 | \$53,716  | \$53,716  | \$45,109  | \$53,716 |
| 3,114 | F30DA060020 | 1F30DA060020-01A1 | MEDICAL COLLEGE OF WISCONSIN             | Concurrent chronic stress and cocaine self-administration: Understanding effects on mPFC microglia and drug choice behavior            | NOWAK, DAVID B                | Awarded. Fellowships only | 2024/07/01 | 2028/04/30 | \$53,974  | \$53,974  | \$33,157  | \$53,974 |
| 3,115 | F31DC022152 | 1F31DC022152-01   | HARVARD MEDICAL SCHOOL                   | Novel inner ear organoid models for studying hair cells in normal development and in the deaf-blindness disease Usher Syndrome Type 1F | NIST-LUND, CARL               | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$36,919  | \$36,919  | \$27,148  | \$36,919 |
| 3,116 | F31HL175931 | 1F31HL175931-01   | UNIVERSITY OF MINNESOTA                  | Estrogen modulation of spinal cord microglia for respiratory neuroplasticity   | DUNLAP-SMITH, AZALINE I       | Awarded. Fellowships only | 2024/09/13 | 2027/09/12 | \$45,686  | \$45,686  | \$16,303  | \$45,686 |
| 3,117 | F30AI181344 | 1F30AI181344-01A1 | VANDERBILT UNIVERSITY                    | S. aureus COG0523s as bacterial zinc metallochaperones critical to pathogenesis  | ENRIQUEZ, KYLE T              | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$34,295  | \$34,295  | \$24,022  | \$34,295 |
| 3,118 | F30CA294663 | 1F30CA294663-01   | CASE WESTERN RESERVE UNIVERSITY          | Epigenetic drivers of lung metastasis in osteosarcoma  | CHIN, DIANA                   | Awarded. Fellowships only | 2024/07/01 | 2026/06/30 | \$53,974  | \$53,974  | \$33,369  | \$53,974 |
| 3,119 | F31CA295091 | 1F31CA295091-01   | UT SOUTHWESTERN MEDICAL CENTER           | Dissecting the role of the Fanconi anemia pathway in chromothripsis  | ENGEL, JUSTIN                 | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$39,786  | \$39,786  | \$28,484  | \$39,786 |
| 3,120 | F31HL172393 | 1F31HL172393-01A1 | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Deciphering genotype-environmental interaction that drives HSPC dysfunction  | FELIZ NORBERTO, MARIA         | Awarded. Fellowships only | 2024/09/16 | 2026/09/15 | \$48,974  | \$48,974  | \$29,042  | \$48,974 |
| 3,121 | F31AA032187 | 1F31AA032187-01   | UNIVERSITY OF MISSOURI-COLUMBIA          | Ecological mechanisms for Alcohol Use Disorder recovery in workplace contexts  | WILLIS, MAIREAD A             | Awarded. Fellowships only | 2025/03/01 | 2027/02/28 | \$40,219  | \$40,219  | \$6,478   | \$40,219 |
| 3,122 | F31AI189116 | 1F31AI189116-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Studies on the SARS-CoV-2 Main Protease Dimerization Mechanism   | DELGADO, RENEE                | Awarded. Fellowships only | 2024/12/01 | 2025/11/30 | \$38,674  | \$38,674  | \$14,752  | \$38,674 |
| 3,123 | F31CA298728 | 1F31CA298728-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Disulfated polyamidosaccharide nanoparticles as a P-selectin targeting chemotherapeutic delivery system                                | LOFFREDO, MADELINE            | Awarded. Fellowships only | 2025/03/01 | 2028/02/29 | \$45,586  | \$45,586  | \$0       | \$45,586 |



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|-------|-------------|-------------------|---|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,124 | F31GM156031 | 1F31GM156031-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | mammalian kinetochores structural integrity under force  | TRAN, VANNA                  | Awarded. Fellowships only     | 2025/05/01 | 2027/04/30 | \$41,493    | \$41,493    | \$0         | \$41,493  |
| 3,125 | F32MD020253 | 1F32MD020253-01   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Understanding Social Determinants of Health and Health Disparities in Emerging Work Contexts   | WALSH, RYAN JAMES            | Awarded. Fellowships only     | 2024/09/22 | 2027/09/21 | \$73,828    | \$73,828    | \$37,658    | \$73,828  |
| 3,126 | F31HL172645 | 1F31HL172645-01A1 | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Stress-Induced Signaling in Aortopathy   | HOLMAN, HEATHER L            | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 3,127 | F31EY036263 | 5F31EY036263-02   | UNIVERSITY OF CHICAGO                   | How do cortical hierarchies mediate visual categorization  | COOLEY, RORY                 | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$46,084    | \$48,974  |
| 3,128 | F30HL177958 | 1F30HL177958-01   | HARVARD MEDICAL SCHOOL                  | Interrogating the Clonal Architecture of Human Hematopoiesis by Mitochondrial Lineage Tracing  | POESCHLA, MICHAEL            | Awarded. Fellowships only     | 2025/02/01 | 2029/01/31 | \$41,656    | \$41,656    | \$7,056     | \$41,656  |
| 3,129 | F32CA284780 | 5F32CA284780-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Metabolic control of tRNA-mediated translational reprogramming in glioblastoma   | DUAN, TINGTING               | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$161,648   | \$161,648   | \$79,756    | \$81,892  |
| 3,130 | F31HD115390 | 5F31HD115390-02   | UNIVERSITY OF UTAH                      | Investigating the relationship between genome mutagenesis, fertility, and health in fertile and infertile men                        | KUNISAKI, JASON              | Awarded. Fellowships only     | 2024/04/05 | 2026/07/04 | \$74,405    | \$74,405    | \$33,409    | \$25,431  |
| 3,131 | F31AR085379 | 1F31AR085379-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Genetic and genomic analysis of electron transport chain Complex II functions in mammalian skin development                          | STEPHENS, CHRISTOPHER M      | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$44,187    | \$44,187    | \$0         | \$44,187  |
| 3,132 | F32EB036927 | 1F32EB036927-01   | COLUMBIA UNIV NEW YORK MORNINGSIDE      | Integrating biomaterials and genomic tools for glycan-based programming of immune cells  | HINCAPIE, ROBERT             | Awarded. Fellowships only     | 2025/01/01 | 2028/12/31 | \$73,828    | \$73,828    | \$10,238    | \$73,828  |
| 3,133 | F31DK135342 | 5F31DK135342-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Stimulatory state specific genetic regulatory signatures at diabetes GWAS signals  | VENTRESCA, CHRISTA NICOLE    | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$123,979   | \$123,979   | \$82,226    | \$41,753  |
| 3,134 | T32CA196561 | 5T32CA196561-09   | UNIVERSITY OF TX MD ANDERSON CAN CTR    | Interdisciplinary Translational Pre/Postdoctoral Program in Cancer Nanotechnology  | SOKOLOV, KONSTANTIN V        | Awarded. Non-fellowships only | 2015/09/01 | 2027/03/31 | \$1,433,755 | \$1,433,755 | \$536,774   | \$578,957 |
| 3,135 | F31DC022142 | 1F31DC022142-01A1 | OHIO STATE UNIVERSITY                   | Sources and Self-Management of Chronic Stress in People with Aphasia   | JEWELL, COURTNEY C           | Awarded. Fellowships only     | 2024/08/16 | 2026/08/15 | \$42,912    | \$42,912    | \$21,669    | \$42,912  |
| 3,136 | F31HD117648 | 1F31HD117648-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Balancing Act: Equalizing Sex Specific Differences in CENP-A levels is Critical for Mammalian Embryogenesis                          | TOWER, CATHERINE             | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$42,550    | \$42,550    | \$12,514    | \$42,550  |
| 3,137 | F31HL178160 | 1F31HL178160-01   | UNIVERSITY OF MINNESOTA                 | Elucidating molecular mechanisms of PARP2 at R loops in myelodysplastic syndromes  | MCMAHON, MATTHEW CHARLES     | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$35,323    | \$35,323    | \$8,702     | \$35,323  |
| 3,138 | F31AA031630 | 1F31AA031630-01A1 | STANFORD UNIVERSITY                     | Extended amygdala corticotropin-releasing factor circuits mediating sex-specific impacts of early life stress on alcohol sensitivity | MORNINGSTAR, ALLISON REBECCA | Awarded. Fellowships only     | 2024/09/15 | 2027/09/14 | \$42,578    | \$42,578    | \$18,878    | \$42,578  |
| 3,139 | F31DC022526 | 1F31DC022526-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | How genome architecture controls Protocadherin gene choice at single-allele resolution   | BUCKLEY, ALEXANDER           | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$47,225    | \$47,225    | \$23,589    | \$47,225  |
| 3,140 | F32DK142253 | 1F32DK142253-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Defining the Notch niche for Intestinal Stem cells   | QUINTERO, MICHAELA KATHERINE | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$74,284    | \$74,284    | \$18,182    | \$74,284  |
| 3,141 | F30HD117560 | 1F30HD117560-01   | BAYLOR COLLEGE OF MEDICINE              | INVESTIGATING THE CONTRIBUTION OF OSTEOBLAST DIFFERENTIATION IN THE PATHOGENESIS OF OSTEOGENESIS IMPERFECTA TYPE V                   | BUSSE, EMILY                 | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$42,574    | \$42,574    | \$0         | \$42,574  |
| 3,142 | F32CA281162 | 7F32CA281162-03   | RICE UNIVERSITY                         | Phenotypic sorting of cancer cells to study the role and control of cell stiffness in the in vivo metastatic cascade                 | YOUNG, KATHERINE M           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$146,256   | \$146,256   | \$134,471   | \$66,444  |
| 3,143 | T32GM136444 | 3T32GM136444-05S1 | UNIVERSITY OF COLORADO DENVER           | Predoctoral Training Program in Molecular and Cellular Biology   | PREKERIS, RYTIS              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,834,224 | \$2,834,224 | \$2,518,052 | \$218,565 |
| 3,144 | F31NS141336 | 1F31NS141336-01   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | In Vivo Measurement of Human Brain Tissue, Blood, and CSF Dynamics Supporting Glymphatic Function                                    | STROM, AMELIA                | Awarded. Fellowships only     | 2025/02/01 | 2027/06/30 | \$48,974    | \$48,974    | \$10,366    | \$48,974  |



|       |             |                   |  |   |                               |                               |            |            |             |             |           |           |
|-------|-------------|-------------------|--|---|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 3,145 | F32MH139173 | 1F32MH139173-01   | MASSACHUSETTS GENERAL HOSPITAL           | Advanced functional MRI of cerebral cortical layers in the human brain using ultrahigh-resolution linescan MRI technology | YUSIF RODRIGUEZ, NADIRA DEL R | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$78,328    | \$78,328    | \$5,119   | \$78,328  |
| 3,146 | F31DC021885 | 1F31DC021885-01A1 | TEMPLE UNIV OF THE COMMONWEALTH          | Acoustic Measures in Diagnosis and Subtyping of Childhood Apraxia of Speech   | LITTLEJOHN, MEGHAN            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$36,736    | \$36,736    | \$18,551  | \$36,736  |
| 3,147 | F31DC021622 | 5F31DC021622-02   | UNIVERSITY OF COLORADO DENVER            | Aging impairs temporal fidelity in the auditory brainstem and underlies spatial hearing deficits                          | SERGISON, MATTHEW D           | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$75,062    | \$75,062    | \$35,179  | \$37,531  |
| 3,148 | F32HL172536 | 5F32HL172536-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Modulating signaling pathways in alveolar epithelial cells with engineered T cells  | JACOB, ANJALI                 | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$160,256   | \$160,256   | \$99,425  | \$81,364  |
| 3,149 | F31NS135914 | 5F31NS135914-02   | BAYLOR COLLEGE OF MEDICINE               | Determining a Central Locus for Temperature Modulation of Touch Sensitivity   | RAMIREZ, JUAN CARLOS          | Awarded. Fellowships only     | 2024/01/08 | 2027/02/07 | \$103,948   | \$103,948   | \$63,155  | \$51,974  |
| 3,150 | T32HD007490 | 2T32HD007490-26   | UNIVERSITY OF DELAWARE                   | PT/PHD Predoctoral Training Program   | REISMAN, DARCY S              | Awarded. Non-fellowships only | 1996/08/20 | 2030/04/30 | \$206,200   | \$206,200   | \$0       | \$206,200 |
| 3,151 | F30MH134482 | 5F30MH134482-02   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Identifying a critical developmental period for cognitive speed in a mouse model for neurodevelopmental disorders         | WELLS, ANNE MARIE             | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$83,823    | \$83,823    | \$37,812  | \$42,312  |
| 3,152 | F31EY035571 | 5F31EY035571-02   | UNIVERSITY OF CALIFORNIA BERKELEY        | Investigating Mechanisms of Development in Retinal Direction Selective Circuits   | PITCHER, MIAH NIEVA           | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$91,930    | \$91,930    | \$45,965  | \$45,965  |
| 3,153 | F31DK142297 | 1F31DK142297-01   | VANDERBILT UNIVERSITY                    | The Impact of Morning Insulin Delivery on Hepatic Glucose Metabolism Later in the Day                                     | WATERMAN, HANNAH LYNN         | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$35,208    | \$35,208    | \$10,081  | \$35,208  |
| 3,154 | F32HL178155 | 1F32HL178155-01   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Investigating the Role of Extracellular Matrix in Down Syndrome Associated Cardiac Phenotypes.                            | BORDEN, LEAH K                | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$77,284    | \$77,284    | \$11,436  | \$77,284  |
| 3,155 | F31DC022171 | 1F31DC022171-01A1 | UNIVERSITY OF COLORADO DENVER            | Employing holographic stimulation to probe the cellular basis of the engram for odor epochs.                              | STEINKE, KIRA A               | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$37,659    | \$37,659    | \$25,633  | \$37,659  |
| 3,156 | F31AG079539 | 5F31AG079539-03   | JOHNS HOPKINS UNIVERSITY                 | Investigating pathways of hippocampal synaptic funtion: potential implications for Alzheimers disease                     | DAUDELIN, DANIEL              | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$145,642   | \$145,642   | \$96,049  | \$48,974  |
| 3,157 | F30CA268849 | 5F30CA268849-03   | JOHNS HOPKINS UNIVERSITY                 | The Role of EpCAM Glycosylation in Breast Cancer Metastasis   | JENKINSON, NICOLE MARIE       | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$160,642   | \$160,642   | \$87,811  | \$53,974  |
| 3,158 | F30CA298183 | 1F30CA298183-01   | HARVARD MEDICAL SCHOOL                   | Determining the Role of Replication Protein A in Polymerase Theta-Mediated End-Joining                                    | LONGLEY, MARTHA JEAN          | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$41,656    | \$41,656    | \$2,352   | \$41,656  |
| 3,159 | F31EY037121 | 1F31EY037121-01   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Allosteric regulation of REDD1 as a therapeutic target for diabetic retinopathy   | YERLIKAYA, ESMA IREM          | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$35,909    | \$35,909    | \$10,288  | \$35,909  |
| 3,160 | F31MD019527 | 1F31MD019527-01A1 | JOHNS HOPKINS UNIVERSITY                 | Applying a Health Equity Lens to Explore Community Health Workers Integration into Clinical Settings                      | FULLER, SHANNON               | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$48,974    | \$48,974    | \$11,374  | \$48,974  |
| 3,161 | F31HD115419 | 5F31HD115419-02   | UNIVERSITY OF ILLINOIS AT CHICAGO        | The Impact of Cognitive-Motor Interference on Balance Control in Children with Cerebral Palsy                             | RUBSAM, MEAGHAN               | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$97,948    | \$97,948    | \$44,801  | \$48,974  |
| 3,162 | F31NS134301 | 5F31NS134301-02   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Theta Phase-Locked Stimulation of Entorhinal-Hippocampal Inputs in Healthy and Epileptic Mice                             | PHILIPSBERG, PAUL ANDREW      | Awarded. Fellowships only     | 2024/04/01 | 2026/08/31 | \$94,748    | \$94,748    | \$19,077  | \$47,374  |
| 3,163 | T32HD071866 | 5T32HD071866-13   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Interdisciplinary Training in Pathobiology and Rehabilitation Medicine.   | THALACKER-MERCER, ANNA E      | Awarded. Non-fellowships only | 2012/09/04 | 2028/04/30 | \$1,335,615 | \$1,335,615 | \$626,320 | \$497,646 |
| 3,164 | F31GM157895 | 1F31GM157895-01   | UNIVERSITY OF PENNSYLVANIA               | Investigating the role of PRMT1 and hnRNPK in the spatial regulation of heterochromatin                                   | KRAEUTLER, ELIZABETH          | Awarded. Fellowships only     | 2024/12/01 | 2027/05/31 | \$48,974    | \$48,974    | \$20,485  | \$48,974  |
| 3,165 | F32DK141228 | 1F32DK141228-01A1 | PENNSYLVANIA STATE UNIVERSITY, THE       | The genetic, symbiotic, and evolutionary bases of the human gut mycobiome   | VAN SYOC, EMILY P             | Awarded. Fellowships only     | 2024/12/20 | 2027/12/19 | \$76,828    | \$76,828    | \$27,653  | \$76,828  |
| 3,166 | F32DC022496 | 1F32DC022496-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Speech, Language, and Motor Skills in Late Talkers  | MAFFEI, MARC                  | Awarded. Fellowships only     | 2024/09/15 | 2026/09/14 | \$81,328    | \$81,328    | \$43,253  | \$81,328  |
| 3,167 | F32GM154404 | 5F32GM154404-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Sulfide-regulated copper metabolism   | DIESSL, JUTTA                 | Awarded. Fellowships only     | 2024/04/02 | 2026/04/01 | \$151,040   | \$151,040   | \$73,348  | \$76,756  |

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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 3,168 | F31DE034634 | 1F31DE034634-01   | OREGON HEALTH & SCIENCE UNIVERSITY       | Bioengineering the bone microenvironment for improved craniofacial regeneration leveraging biomimetic mechanotransduction                                    | VIGNOLO, SOFIA MAGALI      | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$54,774    | \$54,774    | \$16,907  | \$54,774  |
| 3,169 | F31AG087628 | 1F31AG087628-01A1 | BRANDEIS UNIVERSITY                      | Associations among monoamines, tau pathology and emotional memory in aging   | MARKOVA, TEODORA           | Awarded. Fellowships only     | 2025/04/16 | 2028/04/15 | \$35,300    | \$35,300    | \$0       | \$35,300  |
| 3,170 | F31AI174772 | 5F31AI174772-02   | OREGON HEALTH & SCIENCE UNIVERSITY       | The development of novel 4-aminoquinolines as therapeutics against multi-drug resistant Plasmodium falciparum  | HANDFORD, MASON JAMES      | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$103,948   | \$103,948   | \$50,361  | \$51,974  |
| 3,171 | F31NS134246 | 5F31NS134246-02   | LOYOLA UNIVERSITY CHICAGO                | The interplay of the heat shock cascade and Rett syndrome  | GONZALEZ, SONIA            | Awarded. Fellowships only     | 2024/04/15 | 2026/08/31 | \$85,148    | \$85,148    | \$23,826  | \$42,574  |
| 3,172 | F31NS137615 | 5F31NS137615-02   | BRANDEIS UNIVERSITY                      | Dependent Gene Expression in a Single Neuron Type  | BATES, SAMUEL GAITHER      | Awarded. Fellowships only     | 2024/05/01 | 2026/09/30 | \$70,556    | \$70,556    | \$30,352  | \$35,323  |
| 3,173 | F32HD117600 | 1F32HD117600-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Moving Forward: Early Predictors of Crawling and Walking in Infants with DS  | COLLIMORE, ASHLEY          | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$78,328    | \$78,328    | \$17,699  | \$78,328  |
| 3,174 | F31GM156032 | 1F31GM156032-01A1 | NEW YORK UNIVERSITY                      | The Evolution of Sexually Dimorphic Morphogenesis  | JALLAD, RAYA S             | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$0       | \$48,974  |
| 3,175 | F31EY035522 | 5F31EY035522-02   | DUKE UNIVERSITY                          | Assessing the spatial and temporal scales of attention effects and attention-dependent cholinergic release in macaque V4.                                    | AMODEO, JOHN MICHAEL       | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$83,498    | \$83,498    | \$43,376  | \$41,749  |
| 3,176 | F30CA291094 | 5F30CA291094-02   | WAYNE STATE UNIVERSITY                   | Investigating the MAIT cell- Microbiome Relationship in Pancreatic Cancer Liver Metastasis   | TOOR, JUGMOHIT             | Awarded. Fellowships only     | 2024/04/29 | 2028/04/28 | \$98,398    | \$98,398    | \$35,350  | \$49,199  |
| 3,177 | F32HG012889 | 5F32HG012889-03   | HARVARD SCHOOL OF PUBLIC HEALTH          | Fine-mapping causal tissues at disease-associated loci to infer disease subtypes   | STROBER, BENJAMIN          | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$219,244   | \$219,244   | \$131,752 | \$76,756  |
| 3,178 | F31MH136762 | 1F31MH136762-01A1 | BAYLOR COLLEGE OF MEDICINE               | MORPHOLOGY IN AFFECTIVE NETWORK CONNECTIVITY   | DANSTROM, ISABEL ANASTASIA | Awarded. Fellowships only     | 2024/09/05 | 2026/12/25 | \$48,974    | \$48,974    | \$16,128  | \$48,974  |
| 3,179 | F31DK139746 | 1F31DK139746-01A1 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Mechanical Regulation of Adipose TissueFibrosis and Metabolic Disease  | FROSTI, CHEYANNE           | Awarded. Fellowships only     | 2025/04/15 | 2027/04/14 | \$48,974    | \$48,974    | \$0       | \$48,974  |
| 3,180 | F30CA290747 | 5F30CA290747-02   | UNIVERSITY OF PENNSYLVANIA               | Synthesis and design of macrocyclic collagen mimetic peptides for targeting the cancer-implicated DDR2 kinase  | RAFIZADEH, DIANE NAAVA     | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$73,324    | \$73,324    | \$36,662  | \$36,662  |
| 3,181 | F31CA284785 | 5F31CA284785-02   | UNIVERSITY OF WISCONSIN-MADISON          | Investigating the role of G-protein coupled estrogen receptor expression on cancer associated fibroblasts in therapy resistant ER+ breast cancer progression | FERTAL, SHELBY             | Awarded. Fellowships only     | 2024/04/08 | 2027/04/07 | \$72,078    | \$72,078    | \$35,831  | \$36,039  |
| 3,182 | F31DE032916 | 5F31DE032916-02   | UNIVERSITY OF UTAH                       | Acoustic Modeling of skull bone for improved transcranial MR-guided focused ultrasound therapy   | CLINARD, SAM               | Awarded. Fellowships only     | 2023/07/20 | 2025/07/19 | \$85,468    | \$85,468    | \$61,515  | \$43,374  |
| 3,183 | F30HL172602 | 5F30HL172602-02   | WEILL MEDICAL COLL OF CORNELL UNIV       | Identifying mis-splicing-derived antigens in spliceosomal mutant myelodysplasia and targeting via T-cell receptor therapeutics                               | KIM, WON JUN               | Awarded. Fellowships only     | 2024/01/22 | 2027/06/21 | \$107,948   | \$107,948   | \$46,720  | \$53,974  |
| 3,184 | F32AI181339 | 5F32AI181339-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Genetic and Molecular Mechanisms of hypermobile Ehlers Danlos Syndrome   | GENSEMER, CORTNEY ANNE     | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$151,112   | \$151,112   | \$79,848  | \$77,284  |
| 3,185 | T32GM142616 | 3T32GM142616-04S1 | GEORGIA INSTITUTE OF TECHNOLOGY          | Identifying critical protein-protein interactions with ML methods  | QIU, PENG                  | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,112,812 | \$1,112,812 | \$964,435 | \$65,484  |
| 3,186 | F32AI181342 | 5F32AI181342-02   | JOHNS HOPKINS UNIVERSITY                 | Discovery of the mechanisms of resistance for the anthelmintic emodepside  | SHAVER, AMANDA             | Awarded. Fellowships only     | 2024/03/04 | 2027/03/03 | \$151,040   | \$151,040   | \$80,072  | \$76,756  |
| 3,187 | T32AR080618 | 5T32AR080618-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | UCSF Musculoskeletal Training Program  | FIELDS, AARON J            | Awarded. Non-fellowships only | 2023/04/01 | 2028/03/31 | \$753,994   | \$753,994   | \$389,069 | \$251,807 |
| 3,188 | F31HD111292 | 5F31HD111292-03   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Dissecting mechanisms of gene silencing by the lncRNA Kcnq1ot1 in mouse trophoblast stem cells   | MURVIN, MCKENZIE           | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$125,422   | \$125,422   | \$85,003  | \$42,234  |

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|-------|-------------|-------------------|---|---|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,189 | F31DK136313 | 5F31DK136313-02   | UNIVERSITY OF CALIFORNIA AT DAVIS   | Mechanisms Driving the Kinetics of Incretin-Mediated Beta Cell Responses  | CHAN, MICHELLE YING-YING    | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$83,136    | \$83,136    | \$41,568    | \$41,568  |
| 3,190 | F31ES036421 | 5F31ES036421-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Disentangling the Drivers and Dangers of Toxic Cyanobacteria Biosynthetic Heterogeneity in Cyanobacterial Harmful Algal Blooms            | HART, LAUREN                | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$84,104    | \$84,104    | \$53,143    | \$42,052  |
| 3,191 | F30CA260977 | 5F30CA260977-05   | UNIVERSITY OF UTAH  | T cell expressed miR-155 promotes antitumor immunity and immune checkpoint blockade responses in colon cancer through repression of Ship1 | TANG, WILLIAM WEIHAO        | Awarded. Fellowships only     | 2021/04/01 | 2026/03/31 | \$251,724   | \$251,724   | \$167,389   | \$56,974  |
| 3,192 | F32GM153130 | 5F32GM153130-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES  | Neural and molecular control of subordinate social status in a cichlid fish   | MUNLEY, KATHLEEN            | Awarded. Fellowships only     | 2024/03/01 | 2026/02/28 | \$148,112   | \$148,112   | \$73,828    | \$74,284  |
| 3,193 | F30DA057078 | 5F30DA057078-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO   | Genetic influence on behavior, brain development, and substance use in two large, longitudinal adolescent cohorts                         | SMITH, DIANA MUN YEE        | Awarded. Fellowships only     | 2023/04/01 | 2027/03/31 | \$142,177   | \$142,177   | \$44,472    | \$56,974  |
| 3,194 | F32NS134563 | 5F32NS134563-02   | UNIVERSITY OF TEXAS DALLAS  | Elucidating the role of interferon gamma production and signaling in the generation of neuropathic pain in human dorsal root ganglia      | LESNAK, JOSEPH              | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$150,584   | \$150,584   | \$71,343    | \$76,756  |
| 3,195 | T32HL176447 | 1T32HL176447-01   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | Basic and Translational Research Training in Pediatric Classical Hematology   | MCKINNEY-FREEMAN, SHANNON L | Awarded. Non-fellowships only | 2025/01/01 | 2029/12/31 | \$252,285   | \$252,285   | \$11,560    | \$252,285 |
| 3,196 | F31NS134290 | 5F31NS134290-02   | UNIVERSITY OF CHICAGO   | The neural basis of stereognosis and its application to neuroprosthetics  | SHEETS, DREW                | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$95,388    | \$95,388    | \$59,522    | \$47,694  |
| 3,197 | F31DK139757 | 5F31DK139757-02   | UNIVERSITY OF PENNSYLVANIA  | The role of LDTg to VTA calcitonin receptor signaling in the control of food reward   | SANCHEZ-NAVARRO, MARCOS J   | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$85,758    | \$85,758    | \$56,307    | \$36,784  |
| 3,198 | T32HL155020 | 5T32HL155020-05   | BETH ISRAEL DEACONESS MEDICAL CENTER  | Training Program in Resuscitation Science   | DONNINO, MICHAEL WILLIAM    | Awarded. Non-fellowships only | 2021/02/01 | 2026/01/31 | \$2,073,970 | \$2,073,970 | \$1,092,729 | \$436,052 |
| 3,199 | F31GM157766 | 1F31GM157766-01   | HARVARD MEDICAL SCHOOL  | The role of conserved chromatin-associated LEX-1 in germline DNA repair   | DIAZ PACHECO, BRIANNA       | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$39,418    | \$39,418    | \$0         | \$39,418  |
| 3,200 | F31HD115281 | 1F31HD115281-01A1 | COLORADO STATE UNIVERSITY   | Neural Underpinnings and Sensory Feedback Augmentation During Split-belt Treadmill Training in People with Multiple Sclerosis             | HAGEN, ANDREW CARTER        | Awarded. Fellowships only     | 2024/12/03 | 2026/09/18 | \$41,457    | \$41,457    | \$11,026    | \$41,457  |
| 3,201 | F30HL160071 | 5F30HL160071-04   | LSU HEALTH SCIENCES CENTER  | E-cigarette Inhalation and Cardiopulmonary Dysfunction  | WHITEHEAD, ANNA KATHRYN     | Awarded. Fellowships only     | 2022/01/02 | 2027/01/01 | \$170,999   | \$170,999   | \$111,037   | \$52,736  |
| 3,202 | F31CA281254 | 5F31CA281254-02   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, LLC | Determining the Role of SOX8 in Myogenesis and Rhabdomyosarcomagenesis  | STEVENS, BRADLEY            | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$95,948    | \$95,948    | \$59,926    | \$47,974  |
| 3,203 | F30DK130582 | 5F30DK130582-04   | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT  | Dissecting the roles of type 2 diabetes-associated variants and effector genes in islet endoplasmic reticulum stress response             | BHUIYAN, REDWAN             | Awarded. Fellowships only     | 2022/03/15 | 2026/03/14 | \$193,438   | \$193,438   | \$138,400   | \$53,974  |
| 3,204 | T32HL160529 | 5T32HL160529-04   | UNIVERSITY OF SOUTH FLORIDA   | Training in Research on Vascular Inflammation and Injury  | YUAN, SARAH Y               | Awarded. Non-fellowships only | 2022/02/01 | 2027/01/31 | \$1,050,181 | \$1,050,181 | \$390,401   | \$290,061 |
| 3,205 | F32MH131253 | 5F32MH131253-03   | PRINCETON UNIVERSITY  | Self-reflective accuracy across subclinical dimensions of psychopathology   | MORRIS, ADAM MITCHELL       | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$225,796   | \$225,796   | \$142,512   | \$74,284  |
| 3,206 | F31CA275336 | 5F31CA275336-02   | UNIV OF NORTH CAROLINA CHAPEL HILL  | Evaluating the impact of obesity associated fatty acid metabolic dysregulation on breast cancer sensitivity to ferroptosis                | DEVERICKS, EMILY            | Awarded. Fellowships only     | 2023/09/12 | 2025/09/11 | \$70,696    | \$70,696    | \$47,799    | \$35,988  |
| 3,207 | F30CA287869 | 5F30CA287869-02   | YALE UNIVERSITY   | Next-generation diagnostic approaches for HER2-low breast cancer and trastuzumab deruxtecan therapy                                       | ROBBINS, CHARLES JOHN       | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$67,916    | \$67,916    | \$28,274    | \$33,958  |

|       |             |                   |  |   |                          |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,208 | F30HL170731 | 5F30HL170731-02   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Elucidation of the mechanism of disease of VEXAS Syndrome   | MAGAZINER, SAMUEL JAMES  | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$106,668   | \$106,668   | \$89,696    | \$53,974  |
| 3,209 | T32EB007507 | 3T32EB007507-15S1 | UNIVERSITY OF TEXAS AT AUSTIN            | Comprehensive Training program in Imaging Science and Informatics   | MARKEY, MIA K            | Awarded. Non-fellowships only | 2009/08/01 | 2025/07/31 | \$1,103,828 | \$1,103,828 | \$977,365   | \$87,210  |
| 3,210 | T32CA186895 | 5T32CA186895-09   | BECKMAN RESEARCH INSTITUTE/CITY OF HOPE  | DNA Damage Response and Oncogenic Signaling   | STARK, JEREMY MICHAEL    | Awarded. Non-fellowships only | 2016/07/14 | 2027/02/28 | \$954,095   | \$954,095   | \$644,748   | \$245,477 |
| 3,211 | F31DA059435 | 5F31DA059435-03   | EMORY UNIVERSITY                         | Epitranscriptomic mechanisms of the antidepressant response to ketamine in human neurons  | SICILIANO, BENJAMIN      | Awarded. Fellowships only     | 2023/03/22 | 2026/04/21 | \$145,642   | \$145,642   | \$93,852    | \$48,974  |
| 3,212 | F31AG080998 | 5F31AG080998-03   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Nuclear speckle liquid-liquid phase separation dynamics in senescence and aging   | DION, WILLIAM AARON      | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$145,642   | \$145,642   | \$82,488    | \$48,974  |
| 3,213 | F32DK137454 | 5F32DK137454-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Examining the role of epigenetic memory in intestinal regeneration  | VIRAGOVA, SARA           | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$151,040   | \$151,040   | \$70,847    | \$76,756  |
| 3,214 | F30DA057775 | 5F30DA057775-03   | UNIVERSITY OF MINNESOTA                  | Characteristics and outcomes for hospitalized patients with methamphetamine and opioid co-use: Identifying opportunities for hospital-based addiction services tailored to co-use | SHEARER, RILEY           | Awarded. Fellowships only     | 2023/03/01 | 2027/02/28 | \$135,367   | \$135,367   | \$83,453    | \$41,837  |
| 3,215 | F30AI181466 | 1F30AI181466-01A1 | VANDERBILT UNIVERSITY                    | The impact of host RANKL signaling on Salmonella Typhimurium pathogenesis   | SI, CLARA                | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$34,336    | \$34,336    | \$9,659     | \$34,336  |
| 3,216 | F32HD117473 | 1F32HD117473-01   | UNIVERSITY OF COLORADO DENVER            | Effects of Exercise on Neurobiology, Social Cognition, and Systemic Inflammation in Autism  | COSGROVE, KELLY THERESA  | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$76,828    | \$76,828    | \$32,350    | \$76,828  |
| 3,217 | F32AI188770 | 1F32AI188770-01   | MEDICAL COLLEGE OF WISCONSIN             | Multi-disciplinary analysis of the role of PagC for outer membrane vesicle biogenesis   | WOOD, NICHOLAS A         | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$73,828    | \$73,828    | \$0         | \$73,828  |
| 3,218 | F31ES036099 | 5F31ES036099-02   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES   | Per- and polyfluoroalkyl substances (PFAS) occurrence and associations with dyslipidemia among community-based U.S. volunteer firefighters  | LUBINA, KATHERINE ALEXIS | Awarded. Fellowships only     | 2024/02/15 | 2026/02/14 | \$92,664    | \$92,664    | \$59,182    | \$46,332  |
| 3,219 | F31DC021863 | 1F31DC021863-01A1 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | The Lombard effect in muscle tension dysphonia: mechanistic and clinical characterization   | AARON, ALLISON           | Awarded. Fellowships only     | 2024/09/15 | 2027/09/14 | \$39,382    | \$39,382    | \$15,288    | \$39,382  |
| 3,220 | F32DA060664 | 5F32DA060664-02   | UNIVERSITY OF MINNESOTA                  | Input-specific synaptic plasticity in the nucleus accumbens evoked by inhibition of angiotensin-converting enzyme   | SWANSON, JESSICA         | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$147,236   | \$147,236   | \$67,539    | \$73,828  |
| 3,221 | F31DK137613 | 5F31DK137613-02   | UNIVERSITY OF FLORIDA                    | Defining the Transcriptional Activity of NR2F6 in TH17 cells  | WILSON, ADRIANNA NICOLE  | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$71,948    | \$71,948    | \$29,241    | \$35,974  |
| 3,222 | F30NS132399 | 5F30NS132399-03   | GEORGETOWN UNIVERSITY                    | Dissecting functional subgroups and closed-loop circuits between the pedunculo pontine nucleus and the basal ganglia  | FALLAH, MICHEL           | Awarded. Fellowships only     | 2023/03/01 | 2027/04/30 | \$125,242   | \$125,242   | \$75,972    | \$53,974  |
| 3,223 | F31HL177874 | 1F31HL177874-01   | MEDICAL COLLEGE OF WISCONSIN             | Mechanosensitive Mechanisms of Premature Calcification in Bicuspid Aortic Valve Disease   | KNAS, MAKENNA C          | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 3,224 | TL1TR002344 | 5TL1TR002344-09   | WASHINGTON UNIVERSITY                    | Washington University Institute of Clinical and Translational Sciences (TL1)  | PICCIRILLO, JAY F        | Awarded. Non-fellowships only | 2017/06/19 | 2027/02/28 | \$3,740,435 | \$3,740,435 | \$2,283,974 | \$988,996 |
| 3,225 | F32HD114499 | 5F32HD114499-02   | CLEVELAND CLINIC LERNER COM-CWRU         | The role of retrotransposonable elements in neurodevelopment and disease  | TALLEY, MARY             | Awarded. Fellowships only     | 2024/03/01 | 2026/02/28 | \$151,040   | \$151,040   | \$82,318    | \$76,756  |
| 3,226 | F32HD114468 | 5F32HD114468-02   | UNIVERSITY OF PENNSYLVANIA               | Molecular basis for BMP receptor specialization and trafficking   | PATEL, JEET H            | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$143,364   | \$143,364   | \$74,238    | \$74,284  |
| 3,227 | F31DA062425 | 1F31DA062425-01   | UNIVERSITY OF NEW MEXICO                 | Being in sync with others during early alcohol and opioid recovery: The role of positive social interactions in generating recovery capital and buffering health disparities      | CARLON, HANNAH AVERY     | Awarded. Fellowships only     | 2025/01/01 | 2026/08/31 | \$38,865    | \$38,865    | \$14,834    | \$38,865  |

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|-------|-------------|-------------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,228 | F32HL172379 | 5F32HL172379-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Regulation and Mechanisms of Transitional Epithelial Cell Senescence in Lung Fibrosis  | TING, CHRISTOPHER         | Awarded. Fellowships only     | 2024/01/01 | 2025/06/30 | \$129,732   | \$129,732   | \$108,726   | \$43,244  |
| 3,229 | F32EY035134 | 5F32EY035134-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | The cortical and subcortical control of coordinated eye movements  | WILLETT, SHAWN            | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$155,648   | \$155,648   | \$76,756    | \$78,892  |
| 3,230 | F31AA031154 | 5F31AA031154-02   | UNIVERSITY OF WASHINGTON                 | Using Advanced Methodologies to Investigate the Effect of Social Influences on Alcohol Use Across Development                        | VOLPE, LAILA              | Awarded. Fellowships only     | 2024/03/16 | 2027/03/15 | \$97,948    | \$97,948    | \$46,506    | \$48,974  |
| 3,231 | F32HD110180 | 5F32HD110180-02   | PRINCETON UNIVERSITY                     | Neurobiology of Paternal Care  | ROGERS, FORREST DYLAN     | Awarded. Fellowships only     | 2023/11/01 | 2026/10/31 | \$150,684   | \$150,684   | \$99,475    | \$78,892  |
| 3,232 | F32AG076279 | 5F32AG076279-03   | WASHINGTON UNIVERSITY                    | Investigating a role for eNAMPT-containing extracellular vesicles in mitigating age- and Alzheimer Disease-related cognitive decline | LANANNA, BRIAN VINCENT    | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$232,048   | \$232,048   | \$164,389   | \$81,364  |
| 3,233 | F30ES032665 | 5F30ES032665-05   | UNIVERSITY OF CHICAGO                    | Understanding mRNA Condensation and Its Role in Translational Control during Stress  | GLAUNINGER, HENDRIK       | Awarded. Fellowships only     | 2021/04/01 | 2026/03/31 | \$263,430   | \$263,430   | \$205,251   | \$53,974  |
| 3,234 | F30DK136168 | 5F30DK136168-03   | DUKE UNIVERSITY                          | Elucidating the Transcriptional Brakes on Adipocyte Thermogenesis  | TRUONG, ASHLEY T          | Awarded. Fellowships only     | 2023/04/06 | 2028/04/05 | \$160,642   | \$160,642   | \$102,660   | \$53,974  |
| 3,235 | F31HL168819 | 5F31HL168819-02   | CINCINNATI CHILDRENS HOSP MED CTR        | GDF10 in Neonatal Heart Development  | USCATEGUI CALDERON, MARIA | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$83,830    | \$83,830    | \$32,575    | \$41,915  |
| 3,236 | F30DA057823 | 5F30DA057823-03   | HARVARD MEDICAL SCHOOL                   | Tracking and regulation of nicotine dependence in the insular cortex   | EVANS, KATHRYN ELIZABETH  | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$147,989   | \$147,989   | \$85,598    | \$53,974  |
| 3,237 | F31AI183782 | 1F31AI183782-01A1 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Adapting backcalculation methods to estimate the incidence and infectiousness distributions of tuberculosis                          | SHAPIRO, ANNE NICOLE      | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$48,974    | \$48,974    | \$11,542    | \$48,974  |
| 3,238 | F30AI174324 | 5F30AI174324-03   | UNIVERSITY OF CHICAGO                    | The role of BRWD1 to establish epigenetic states for germinal center initiation, maintenance, and exit                               | WRIGHT, NATHANIEL EDWIN   | Awarded. Fellowships only     | 2023/01/01 | 2027/12/31 | \$160,642   | \$160,642   | \$120,620   | \$53,974  |
| 3,239 | T32DK007699 | 3T32DK007699-43S1 | BOSTON CHILDREN'S HOSPITAL               | RESEARCH IN DEVELOPMENTAL ENDOCRINOLOGY AND METABOLISM   | HIRSCHHORN, JOEL N        | Awarded. Non-fellowships only | 1992/07/01 | 2027/06/30 | \$1,135,216 | \$1,135,216 | \$935,740   | \$99,179  |
| 3,240 | F31DC022184 | 1F31DC022184-01A1 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Predicting stuttering subtypes from functional connectivity using machine learning   | KIM, JACKIE SIHYUN        | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$42,316    | \$42,316    | \$0         | \$42,316  |
| 3,241 | F31HD115312 | 1F31HD115312-01A1 | JOHNS HOPKINS UNIVERSITY                 | Investigating the impact of chromosome 21 dosage on the placenta secretome and neurodevelopment                                      | SPIEGELBERG, BAILEY       | Awarded. Fellowships only     | 2025/03/26 | 2027/03/25 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 3,242 | F31DC022188 | 1F31DC022188-01A1 | YALE UNIVERSITY                          | Mechanisms of temperature dependent odor coding in Drosophila melanogaster   | DICKINSON, EVYN SABIR     | Awarded. Fellowships only     | 2025/01/30 | 2028/01/29 | \$33,988    | \$33,988    | \$5,068     | \$33,988  |
| 3,243 | F30HL173955 | 5F30HL173955-02   | UNIVERSITY OF PENNSYLVANIA               | Hemodynamics and KLF2/4 regulate myxomatous valve pathogenesis   | PACE, JESSE               | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$107,948   | \$107,948   | \$53,974    | \$53,974  |
| 3,244 | F31HD118783 | 1F31HD118783-01   | OHIO STATE UNIVERSITY                    | Leveraging Digital Technologies to Advance Rehabilitation for Children with Unilateral Cerebral Palsy                                | MAUS, ELIZABETH G         | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$47,015    | \$47,015    | \$0         | \$47,015  |
| 3,245 | F31DA063346 | 1F31DA063346-01   | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Therapeutic potential of psilocybin on stress-cued reinstatement   | FRANCIS, MEGAN JANE       | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$46,429    | \$46,429    | \$0         | \$46,429  |
| 3,246 | T32HD101384 | 5T32HD101384-05   | UNIVERSITY OF WISCONSIN-MADISON          | Integrated Program in Endocrinology Translational Postdoctoral Training Program  | BIRD, IAN M               | Awarded. Non-fellowships only | 2021/05/01 | 2026/04/30 | \$1,611,283 | \$1,611,283 | \$882,075   | \$361,676 |
| 3,247 | T32GM080202 | 3T32GM080202-15S1 | MEDICAL COLLEGE OF WISCONSIN             | Medical Scientist Training Program   | SALZMAN, NITA H           | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$3,118,418 | \$3,118,418 | \$2,902,669 | \$59,936  |
| 3,248 | F32DE033235 | 5F32DE033235-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Multifunctional Roles of Agl/Il Family Proteins  | MIEHER, JOSHUA LEE        | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$161,284   | \$161,284   | \$134,250   | \$84,192  |
| 3,249 | F31CA261110 | 3F31CA261110-03S1 | BECKMAN RESEARCH INSTITUTE/CITY OF HOPE  | Impact of RNA splicing factor mutations on circular RNA biogenesis in leukemia   | FERNANDEZ, MIKE           | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$125,536   | \$125,536   | \$111,532   | \$32,784  |

|       |             |                   |   |  |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,250 | F31CA287658 | 5F31CA287658-02   | HARVARD MEDICAL SCHOOL                  | Functionally dissecting MECOM gene regulation in high-risk leukemia  | FLEMING, TRAVIS J          | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$80,121    | \$80,121    | \$41,839    | \$36,918  |
| 3,251 | F30DE032262 | 5F30DE032262-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | An investigation of how filopodia can be exploited by peptide carriers for enhanced uptake of RNAi cargo for the treatment of HPV+ oral cancers. | HOLJENCIN, CHARLES EVERETT | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$113,768   | \$113,768   | \$89,182    | \$57,774  |
| 3,252 | F31NS130993 | 3F31NS130993-02S1 | EMORY UNIVERSITY                        |  | POTTORF, TANA              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$102,168   | \$102,168   | \$77,508    | \$500     |
| 3,253 | F32DC022145 | 3F32DC022145-01S1 | UNIVERSITY OF ROCHESTER                 | The impact of noise on temporal integration of speech in the human brain   | BOEBINGER, DANA            | Awarded. Fellowships only     | 2024/11/04 | 2027/11/03 | \$77,284    | \$77,284    | \$21,532    | \$3,000   |
| 3,254 | F30MH130150 | 7F30MH130150-03   | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | The Effect of Pubertal Hormones on the Development of Neural Oscillatory Dynamics in Youth   | KILLANIN, ABRAHAM          | Awarded. Fellowships only     | 2024/09/13 | 2026/09/12 | \$138,212   | \$138,212   | \$81,040    | \$53,974  |
| 3,255 | F30CA288006 | 5F30CA288006-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Targeting Purinergic Signaling to Block the Effects of Seizures on Glioma Progression  | PEREIRA, BRIANNA           | Awarded. Fellowships only     | 2024/03/15 | 2028/03/14 | \$101,874   | \$101,874   | \$50,937    | \$50,937  |
| 3,256 | F30DA058525 | 5F30DA058525-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Implementation of Medications for Opioid Use Disorder in Massachusetts Jails   | MICHENER, PRYCE            | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$69,343    | \$69,343    | \$42,487    | \$32,974  |
| 3,257 | F32HD116414 | 1F32HD116414-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | End-to-end Impedance Modeling Towards Task-Invariant Control of Powered Prosthetic Legs  | POSH, RYAN RICHARD         | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$73,828    | \$73,828    | \$0         | \$73,828  |
| 3,258 | T32HL134615 | 5T32HL134615-08   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Emergency Medicine Research Training   | CALLAWAY, CLIFTON W        | Awarded. Non-fellowships only | 2017/02/01 | 2028/01/31 | \$816,230   | \$816,230   | \$309,651   | \$213,913 |
| 3,259 | F31ES036104 | 1F31ES036104-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Investigation of Cooking Aerosol Emissions and Health Effects due to Exposure in an Occupational Cohort  | SAPORITO, ANTONIO          | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$23,395    | \$48,974  |
| 3,260 | F31DA060045 | 1F31DA060045-01   | UNIVERSITY OF CALIFORNIA-IRVINE         | Efficacy of psychedelic drugs at reversing aberrant reward-seeking behavior  | LAWSON, KATE A             | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$44,850    | \$44,850    | \$37,794    | \$44,850  |
| 3,261 | F31AG076286 | 5F31AG076286-03   | WASHINGTON UNIVERSITY                   | Deciphering the cis-regulatory logic of circadian reprogramming in a mouse model of Alzheimers Disease   | REISS, INDIA H             | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$101,222   | \$101,222   | \$89,760    | \$34,908  |
| 3,262 | F32GM150234 | 5F32GM150234-02   | GEORGIA INSTITUTE OF TECHNOLOGY         | Dissecting gene regulation of stem cell quiescence in Ciona  | GIGANTE, EDUARDO D         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$151,756   | \$151,756   | \$127,946   | \$79,756  |
| 3,263 | F32ES034241 | 5F32ES034241-03   | EMORY UNIVERSITY                        | Mechanisms of transgenerational epigenetic alterations induced by polybrominated biphenyls   | RUIZ, DANIEL               | Awarded. Fellowships only     | 2022/05/15 | 2025/05/14 | \$233,680   | \$233,680   | \$208,996   | \$81,306  |
| 3,264 | F31DA053795 | 5F31DA053795-03   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE  | Prenatal Opioid Exposure and Inflammation: The Role of the Microbiome and Epigenome.   | ABU, YAA                   | Awarded. Fellowships only     | 2022/06/01 | 2026/05/31 | \$158,420   | \$158,420   | \$150,218   | \$53,974  |
| 3,265 | T32DK007727 | 5T32DK007727-30   | CINCINNATI CHILDRENS HOSP MED CTR       | Pediatric Gastroenterology and Nutrition Training Grant  | DENSON, LEE ARMISTEAD      | Awarded. Non-fellowships only | 1995/01/01 | 2025/06/30 | \$2,319,273 | \$2,319,273 | \$2,399,419 | \$512,817 |
| 3,266 | F31AI181568 | 1F31AI181568-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Elucidating the role of context-specificity in oxazolidinone mechanism of action   | KLEINMAN, JORDAN ISABELLE  | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$45,909    | \$45,909    | \$29,934    | \$45,909  |
| 3,267 | T32DA007281 | 5T32DA007281-28   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | NIDA Training Program in Neuroscience  | FLAGEL, SHELLY BETH        | Awarded. Non-fellowships only | 1995/06/15 | 2027/06/30 | \$1,089,929 | \$1,089,929 | \$743,752   | \$278,460 |
| 3,268 | T32OD011083 | 5T32OD011083-15   | TEXAS A&M AGRILIFE RESEARCH             | Comparative Biomedical Research Training for Veterinarians   | MULENGA, ALBERT            | Awarded. Non-fellowships only | 2010/07/07 | 2026/05/31 | \$1,717,986 | \$1,717,986 | \$1,639,019 | \$229,291 |
| 3,269 | F31AI176757 | 1F31AI176757-01A1 | YALE UNIVERSITY                         | Redox Regulation of Host Ribosomal Proteins during Helicobacter pylori infection   | RAMANATHAN, RENUKA GANESH  | Awarded. Fellowships only     | 2024/09/01 | 2026/12/31 | \$48,116    | \$48,116    | \$17,740    | \$48,116  |
| 3,270 | F30CA278495 | 5F30CA278495-02   | HARVARD MEDICAL SCHOOL                  | Investigating splicing-derived antigens in the context of Rbm10-mutant lung adenocarcinoma   | MATHEY-ANDREWS, NICOLAS    | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$106,668   | \$106,668   | \$97,260    | \$53,974  |
| 3,271 | F31AI181426 | 1F31AI181426-01   | HARVARD MEDICAL SCHOOL                  | Elucidating the Function of the Periplasmic Domain of Shape-Determining E. coli Protein RodZ   | SUAREZ, KATHERINE AIMEE    | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$36,983    | \$36,983    | \$24,896    | \$36,983  |
| 3,272 | F31DK138752 | 1F31DK138752-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Dissecting the Role of Peroxisomal PEX Family Proteins in Hepatic Bile Acid and Lipid Metabolism   | SMITH, EMILY ANN           | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$44,129    | \$44,129    | \$21,092    | \$44,129  |



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|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,273 | F30CA287917 | 1F30CA287917-01   | GEORGETOWN UNIVERSITY                   | Molecular mechanism of INAFM2 in metastasis  | MOLOTKOVA, ANNA         | Awarded. Fellowships only     | 2024/09/01 | 2028/08/31 | \$36,274    | \$36,274    | \$0         | \$36,274    |
| 3,274 | T32GM065085 | 5T32GM065085-20   | RHODE ISLAND HOSPITAL                   | Trauma and Inflammation Research Training  | AYALA, ALFRED           | Awarded. Non-fellowships only | 2002/04/01 | 2025/06/30 | \$743,820   | \$743,820   | \$685,796   | \$139,406   |
| 3,275 | T32GM153182 | 1T32GM153182-01   | UNIVERSITY OF WASHINGTON                | University of Washington Medical Scientist Training Program  | HORWITZ, MARSHALL S     | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,798,078 | \$1,798,078 | \$872,239   | \$1,798,078 |
| 3,276 | T32AI007469 | 5T32AI007469-30   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Training in Molecular and Cell Biology of Allergy  | BROIDE, DAVID H         | Awarded. Non-fellowships only | 1994/09/30 | 2025/06/30 | \$1,345,999 | \$1,345,999 | \$944,463   | \$174,523   |
| 3,277 | T32AI007140 | 5T32AI007140-47   | UNIVERSITY OF WASHINGTON                | STD and AIDS Research Training Grant   | DOMBROWSKI, JULIA COOK  | Awarded. Non-fellowships only | 1988/07/01 | 2028/06/30 | \$2,116,635 | \$2,116,635 | \$1,294,180 | \$732,381   |
| 3,278 | F30AI176697 | 1F30AI176697-01A1 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Analyzing the function and antibody-mediated inhibition of the malaria vaccine candidate PF3D7_1136200   | GARZA, ROLANDO          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$41,511    | \$41,511    | \$18,670    | \$41,511    |
| 3,279 | T32HL098040 | 5T32HL098040-15   | UT SOUTHWESTERN MEDICAL CENTER          | TRAINING PROGRAM IN LUNG BIOLOGY AND DISEASE   | TERADA, LANCE S         | Awarded. Non-fellowships only | 2009/09/01 | 2026/03/31 | \$1,297,979 | \$1,297,979 | \$1,284,497 | \$1         |
| 3,280 | T32GM086308 | 5T32GM086308-13   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Impact of Biological, Clinical, and Social Determinants on Trauma and Trauma Outcomes  | KENZIK, KELLY           | Awarded. Non-fellowships only | 2010/07/01 | 2027/06/30 | \$793,273   | \$793,273   | \$537,421   | \$277,890   |
| 3,281 | T32GM142516 | 5T32GM142516-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Pharmaceutical Sciences and Pharmacogenomics   | GUO, SU                 | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,467,356 | \$1,467,356 | \$1,247,747 | \$505,059   |
| 3,282 | F32CA288138 | 1F32CA288138-01   | YALE UNIVERSITY                         | Investigating mechanisms of pathogenesis and treatment response in immune checkpoint inhibitor induced colitis   | MANN, JACQUELINE        | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$81,256    | \$42,878    | \$39,631    | \$81,256    |
| 3,283 | T32MH126368 | 5T32MH126368-04   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Northwestern University Mental Health, Earlier: Transdiagnostic, Transdisciplinary, Translational Training Program in Neurodevelopmental Mechanisms of Psychopathology | SHANKMAN, STEWART AARON | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,120,797 | \$1,120,797 | \$883,977   | \$240,889   |
| 3,284 | T32MH067533 | 5T32MH067533-19   | UNIVERSITY OF MARYLAND BALTIMORE        | Multidisciplinary Schizophrenia Research Training  | ELMER, GREGORY I        | Awarded. Non-fellowships only | 2004/07/01 | 2026/06/30 | \$400,048   | \$400,048   | \$537,684   | \$227,617   |
| 3,285 | F30MH126548 | 5F30MH126548-04   | WASHINGTON UNIVERSITY                   | Hippocampal circuit mechanisms of neurosteroids  | LAMBERT, PETER MICHAEL  | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$171,324   | \$171,324   | \$136,015   | \$53,974    |
| 3,286 | T32GM139798 | 5T32GM139798-04   | BRANDEIS UNIVERSITY                     | Predoctoral Training in Cross-disciplinary Molecular and Cellular Biology  | GARRITY, PAUL           | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,212,884 | \$2,212,884 | \$1,965,628 | \$659,231   |
| 3,287 | F30DE029987 | 5F30DE029987-05   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Deciphering Inflammatory Regulation of Oral Epithelial Progenitor Cells During Oral Mucosal Regeneration   | COOK, JESSICA           | Awarded. Fellowships only     | 2020/06/20 | 2025/06/19 | \$263,976   | \$263,976   | \$220,848   | \$54,774    |
| 3,288 | T32DA050552 | 5T32DA050552-05   | EMORY UNIVERSITY                        | Training in Advanced Data Analytics to End Drug-Related Harms (TADA)   | COOPER, HANNAH LF       | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,225,948 | \$1,225,948 | \$864,033   | \$278,460   |
| 3,289 | F31AI181573 | 1F31AI181573-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Identifying a Critical Gatekeeper for DNA Virus Restriction  | AUERBACH, ASHLEY A      | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$38,494    | \$38,494    | \$18,766    | \$38,494    |
| 3,290 | T32HL007609 | 5T32HL007609-36   | BRIGHAM AND WOMEN'S HOSPITAL            | Training Program in Hypertension   | ADLER, GAIL KURR        | Awarded. Non-fellowships only | 1991/07/01 | 2025/06/30 | \$2,744,934 | \$2,744,934 | \$3,235,538 | \$285,897   |
| 3,291 | T32MH119168 | 5T32MH119168-05   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Bioengineering in Psychiatry Training Program  | IBRAHIM, TAMER S        | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,124,418 | \$1,124,418 | \$997,494   | \$246,399   |
| 3,292 | T32TR004396 | 1T32TR004396-01A1 | SCRIPPS RESEARCH INSTITUTE, THE         | CTSA Postdoctoral T32 at The Scripps Research Institute  | LAMIA, KATJA A          | Awarded. Non-fellowships only | 2024/08/05 | 2029/07/31 | \$256,717   | \$256,717   | \$122,662   | \$256,717   |
| 3,293 | T32NS086749 | 5T32NS086749-10   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Training in the Neurobiology of Neurological Disease   | STRICK, PETER           | Awarded. Non-fellowships only | 2014/07/01 | 2025/05/31 | \$2,119,892 | \$2,119,892 | \$1,954,579 | \$477,455   |
| 3,294 | T32AI074491 | 5T32AI074491-15   | NATIONAL JEWISH HEALTH                  | Molecular Mechanisms of Immune Tolerance   | PELANDA, ROBERTA        | Awarded. Non-fellowships only | 2009/08/01 | 2025/06/30 | \$1,843,375 | \$1,843,375 | \$1,643,328 | \$394,085   |
| 3,295 | T32GM008750 | 5T32GM008750-23   | LOYOLA UNIVERSITY CHICAGO               | Training in burn and trauma research   | CHOUDHRY, MASHKOOR A    | Awarded. Non-fellowships only | 2000/07/01 | 2025/06/30 | \$397,604   | \$397,604   | \$382,851   | \$157,901   |



|       |             |                   |   |   |                              |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,296 | T32DK060445 | 5T32DK060445-20   | BAYLOR COLLEGE OF MEDICINE              | Hematology Training Program   | GOODELL, MARGARET A          | Awarded. Non-fellowships only | 2002/09/30 | 2025/06/30 | \$2,094,732 | \$2,094,732 | \$2,385,078 | \$491,024   |
| 3,297 | T32GM152319 | 1T32GM152319-01   | CASE WESTERN RESERVE UNIVERSITY         | Medical Scientist Training Program at Case Western Reserve University                       | HUANG, ALEX YEE-CHEN         | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,738,142 | \$1,738,142 | \$1,535,409 | \$1,678,206 |
| 3,298 | T32GM152316 | 1T32GM152316-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | UNC Medical Scientist Training Program  | DESHMUKH, MOHANISH P         | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,378,526 | \$1,378,526 | \$1,257,348 | \$1,258,654 |
| 3,299 | T32AR055885 | 5T32AR055885-15   | BRIGHAM AND WOMEN'S HOSPITAL            | Clinical Orthopaedic and Musculoskeletal Education and Training Program (COMET)             | KATZ, JEFFREY NEIL           | Awarded. Non-fellowships only | 2008/07/01 | 2025/06/30 | \$1,249,257 | \$1,249,257 | \$1,135,939 | \$303,804   |
| 3,300 | T32GM149386 | 1T32GM149386-01   | UNIVERSITY OF IOWA                      | Understanding Health and Disease at the Behavioral-Biomedical Interface                     | LUTGENDORF, SUSAN K          | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$233,575   | \$233,575   | \$171,462   | \$233,575   |
| 3,301 | T32GM007250 | 5T32GM007250-48   | CASE WESTERN RESERVE UNIVERSITY         | Medical Scientist Training Program  | HUANG, ALEX YEE-CHEN         | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$8,121,207 | \$8,121,207 | \$8,033,790 | \$1,673,974 |
| 3,302 | T32DC000011 | 5T32DC000011-45   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Sensory Mechanisms and Disorders  | ROBERTS, MICHAEL THOMAS      | Awarded. Non-fellowships only | 1983/07/01 | 2025/06/30 | \$1,925,240 | \$1,925,240 | \$2,112,160 | \$343,150   |
| 3,303 | T32GM135094 | 5T32GM135094-04   | VANDERBILT UNIVERSITY MEDICAL CENTER    | Interdisciplinary Training in Injury and Critical Illness                                   | PATEL, MAYUR B               | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$743,352   | \$743,352   | \$536,860   | \$223,134   |
| 3,304 | T32DA007250 | 2T32DA007250-31   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Substance Use Disorders Treatment/Services Research Training Program                        | SATRE, DEREK D               | Awarded. Non-fellowships only | 1991/09/30 | 2029/06/30 | \$445,350   | \$445,350   | \$244,372   | \$445,350   |
| 3,305 | T32CA009501 | 5T32CA009501-35   | SLOAN-KETTERING INST CAN RESEARCH       | Surgical Oncology Research Training Grant   | MEHRARA, BABAK J             | Awarded. Non-fellowships only | 1984/09/01 | 2025/07/31 | \$2,362,362 | \$2,362,362 | \$2,083,351 | \$509,307   |
| 3,306 | T32DK062710 | 5T32DK062710-19   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | UAB Obesity Training Program  | GARVEY, W TIMOTHY            | Awarded. Non-fellowships only | 2004/07/01 | 2026/05/31 | \$1,433,058 | \$1,433,058 | \$940,229   | \$417,702   |
| 3,307 | T32MH115882 | 5T32MH115882-07   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Multidisciplinary Training Program in Digital Mental Health                                 | MOHR, DAVID CURTIS           | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$579,578   | \$579,578   | \$363,404   | \$278,129   |
| 3,308 | T32CA236736 | 5T32CA236736-05   | THOMAS JEFFERSON UNIVERSITY             | Training Program in Cancer Biology  | LANGUINO, LUCIA R            | Awarded. Non-fellowships only | 2019/09/19 | 2025/08/31 | \$1,139,306 | \$1,139,306 | \$1,028,858 | \$142,401   |
| 3,309 | T90AT008544 | 5T90AT008544-10   | UNIVERSITY OF WASHINGTON                | Building Research across Interdisciplinary Gaps (BRIDG) T90/R90 Training Program            | BOOTH-LAFORCE, CATHRYN       | Awarded. Non-fellowships only | 2015/05/01 | 2026/03/31 | \$1,778,167 | \$1,778,167 | \$1,897,690 | \$1         |
| 3,310 | F31CA261110 | 5F31CA261110-03   | BECKMAN RESEARCH INSTITUTE/CITY OF HOPE | Impact of RNA splicing factor mutations on circular RNA biogenesis in leukemia              | FERNANDEZ, MIKE              | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$125,536   | \$125,536   | \$111,532   | \$31,784    |
| 3,311 | F31DK131884 | 1F31DK131884-01A1 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Uncovering Mechanisms of Risk-Variant APOL1-modulated Inflammatory Signaling in Macrophages | LIU, ESTHER                  | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$44,187    | \$44,187    | \$34,969    | \$44,187    |
| 3,312 | T32GM133395 | 2T32GM133395-06   | UNIVERSITY OF DELAWARE                  | Chemistry-Biology Interface Predoctoral Training Grant 2024-2029                            | GRIMES, CATHERINE LEIMKUHLER | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$508,169   | \$508,169   | \$264,340   | \$508,169   |
| 3,313 | T32AI083196 | 5T32AI083196-15   | UNIVERSITY OF MINNESOTA                 | Minnesota Training Program in Virology  | MANSKY, LOUIS M              | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$1,148,543 | \$1,148,543 | \$942,679   | \$224,816   |
| 3,314 | TL1TR001451 | 5TL1TR001451-10   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | NRSA Training Core  | FEGHALI-BOSTWICK, CAROL A    | Awarded. Non-fellowships only | 2015/08/13 | 2026/03/31 | \$2,184,907 | \$2,184,907 | \$2,074,568 | \$463,860   |
| 3,315 | T32HL007775 | 5T32HL007775-30   | UNIVERSITY OF PENNSYLVANIA              | Transfusion Medicine Research Training Program  | SIEGEL, DONALD LAWRENCE      | Awarded. Non-fellowships only | 1993/07/01 | 2025/06/30 | \$720,141   | \$720,141   | \$626,331   | \$1         |
| 3,316 | T35AI170483 | 1T35AI170483-01A1 | WESTERN UNIVERSITY OF HEALTH SCIENCES   | Diverse & Equitable Student Inclusion in Research for future VETERinarians (DESIRe-Vet)     | DRECHSLER, YVONNE            | Awarded. Non-fellowships only | 2023/06/15 | 2029/05/31 | \$176,548   | \$176,548   | \$108,126   | \$176,548   |
| 3,317 | T32GM152798 | 1T32GM152798-01   | MICHIGAN STATE UNIVERSITY               | Plant Biotechnology for Health and Sustainability   | LAST, ROBERT LOUIS           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$329,616   | \$329,616   | \$152,226   | \$329,616   |
| 3,318 | T32AA026577 | 5T32AA026577-05   | UNIVERSITY OF ILLINOIS AT CHICAGO       | Alcohol Research Training in epigenetics and pathophysiology (ARTEP)                        | PANDEY, SUBHASH C            | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,796,786 | \$1,796,786 | \$1,440,189 | \$339,343   |
| 3,319 | T32HL166133 | 5T32HL166133-02   | MASSACHUSETTS GENERAL HOSPITAL          | Research Training in Global Non-Communicable Diseases                                       | HABERER, JESSICA ELIZABETH   | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$659,583   | \$659,583   | \$319,607   | \$450,155   |

|       |             |                   |   |   |                                |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,320 | F31HL172595 | 1F31HL172595-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Bridging the gap of endogenous nitro-conjugated linoleic acid formation and signaling   | COLUSSI, NICOLE                | Awarded. Fellowships only     | 2024/06/01 | 2026/02/28 | \$48,974    | \$48,974    | \$35,352    | \$48,974  |
| 3,321 | T32DA007287 | 5T32DA007287-27   | UNIVERSITY OF TEXAS MED BR GALVESTON    | Translational Explorations in Substance Use Disorders   | CUNNINGHAM, KATHRYN A          | Awarded. Non-fellowships only | 1994/09/01 | 2028/06/30 | \$534,597   | \$534,597   | \$281,562   | \$275,042 |
| 3,322 | T35AT010592 | 5T35AT010592-05   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Summer Institute on Integrative Health Equity and Applied Research (IHEAR)  | CHAO, MARIA T                  | Awarded. Non-fellowships only | 2020/02/01 | 2026/01/31 | \$473,090   | \$473,090   | \$396,406   | \$81,997  |
| 3,323 | T32DK067872 | 5T32DK067872-20   | UNIVERSITY OF MARYLAND BALTIMORE        | Research Training in Gastroenterology and Hepatology  | RAUFMAN, JEAN-PIERRE           | Awarded. Non-fellowships only | 2005/07/01 | 2025/06/30 | \$2,261,626 | \$2,261,626 | \$2,095,632 | \$502,698 |
| 3,324 | T32AI083216 | 5T32AI083216-15   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Northwestern University Allergy and Immunology Research (NUAIR) Program   | EISENBARTH, STEPHANIE CAROLINE | Awarded. Non-fellowships only | 2010/08/15 | 2025/07/31 | \$1,304,718 | \$1,304,718 | \$1,221,389 | \$171,641 |
| 3,325 | TL1DK132768 | 5TL1DK132768-04   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Training Core   | NEMETH, ELIZABETA              | Awarded. Non-fellowships only | 2021/09/15 | 2026/05/31 | \$2,304,666 | \$2,304,666 | \$1,433,349 | \$631,470 |
| 3,326 | T32MH013043 | 5T32MH013043-53   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Research Training Program in Psychiatric Epidemiology   | KEYES, KATHERINE MARGARET      | Awarded. Non-fellowships only | 1972/07/01 | 2027/06/30 | \$1,282,632 | \$1,282,632 | \$1,170,964 | \$432,394 |
| 3,327 | F31AA030901 | 5F31AA030901-02   | VANDERBILT UNIVERSITY                   | Exercised-induced modulation of insular cortex microcircuitry during alcohol abstinence   | ADANK, DANIELLE NICOLE         | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$67,290    | \$67,290    | \$61,581    | \$34,285  |
| 3,328 | T34GM154122 | 1T34GM154122-01   | FLORIDA INTERNATIONAL UNIVERSITY        | MARC U'STAR at Florida International University   | MILLS, DEETTA K                | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$249,210   | \$249,210   | \$51,686    | \$249,210 |
| 3,329 | TL1TR004420 | 5TL1TR004420-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | J: NRSA Training Core   | GABRILOVE, JANICE L            | Awarded. Non-fellowships only | 2022/07/10 | 2027/06/30 | \$2,342,410 | \$2,342,410 | \$1,763,327 | \$793,955 |
| 3,330 | T32CA233414 | 2T32CA233414-06   | YALE UNIVERSITY                         | Yale Cancer Center Advanced Training Program for Physician-Scientists (YCC-ATPP)  | HERBST, ROY S                  | Awarded. Non-fellowships only | 2019/08/01 | 2029/07/31 | \$489,880   | \$489,880   | \$164,496   | \$489,880 |
| 3,331 | T32GM144304 | 5T32GM144304-03   | STATE UNIVERSITY NEW YORK STONY BROOK   | Training Program in Pharmacological Sciences  | COLOGNATO, HOLLY A             | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,178,204 | \$1,178,204 | \$903,788   | \$405,487 |
| 3,332 | T32AI125222 | 5T32AI125222-09   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Filling a Void of Research (FAVOR) Training for Transplant Surgeons   | STOCK, PETER G                 | Awarded. Non-fellowships only | 2016/08/01 | 2026/07/31 | \$1,306,689 | \$1,306,689 | \$954,326   | \$331,894 |
| 3,333 | F32HD110175 | 5F32HD110175-02   | PENNSYLVANIA STATE UNIVERSITY, THE      | Determining pathways from food insecurity to parent and child well-being  | HINES, CAITLIN TALLENT         | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$147,512   | \$147,512   | \$94,817    | \$76,328  |
| 3,334 | T32AI155391 | 5T32AI155391-04   | BOSTON CHILDREN'S HOSPITAL              | Pediatric Infectious Diseases Research Training   | KIM, DENNIS H                  | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$1,051,128 | \$1,051,128 | \$910,799   | \$245,620 |
| 3,335 | T32HL007936 | 5T32HL007936-24   | UNIVERSITY OF WISCONSIN-MADISON         | Training Program in Translational Cardiovascular Science  | ROBERTSON, GAIL A              | Awarded. Non-fellowships only | 2001/09/17 | 2026/08/31 | \$2,148,566 | \$2,148,566 | \$1,721,556 | \$545,606 |
| 3,336 | T32DC017703 | 2T32DC017703-06   | UNIVERSITY OF CONNECTICUT STORRS        | Training in the Cognitive Neuroscience of Communication   | MYERS, EMILY B                 | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$249,572   | \$249,572   | \$157,994   | \$249,572 |
| 3,337 | T32DK007740 | 5T32DK007740-28   | UNIVERSITY OF PENNSYLVANIA              | Clinical Epidemiology Training in Gastroenterology  | LEWIS, JAMES D                 | Awarded. Non-fellowships only | 1997/02/01 | 2027/06/30 | \$1,252,547 | \$1,252,547 | \$1,188,225 | \$389,273 |
| 3,338 | T32MH015144 | 2T32MH015144-47   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Research Training in Mood and Anxiety Disorders: From Animal Models to Patients   | LEONARDO, EDUARDO DAVID        | Awarded. Non-fellowships only | 1978/07/01 | 2029/06/30 | \$363,642   | \$363,642   | \$285,679   | \$363,642 |
| 3,339 | T32MH065214 | 2T32MH065214-21A1 | PRINCETON UNIVERSITY                    | NRSA Training Grant in Quantitative Neuroscience  | NORMAN, KENNETH A              | Awarded. Non-fellowships only | 2002/07/01 | 2029/07/31 | \$491,130   | \$491,130   | \$296,197   | \$491,130 |
| 3,340 | F31AA030916 | 5F31AA030916-02   | VANDERBILT UNIVERSITY                   | Defining the cell-type specific control of alcohol drinking   | YOON, HYE JEAN                 | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$81,979    | \$81,979    | \$47,694    | \$34,285  |
| 3,341 | T32GM141830 | 5T32GM141830-04   | UNIVERSITY OF ARIZONA                   | Interdisciplinary Training of Future Physician Scientists   | VANDERAH, TODD W               | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$683,483   | \$683,483   | \$622,296   | \$179,808 |
| 3,342 | F30CA281115 | 5F30CA281115-02   | RICE UNIVERSITY                         | Low-cost integrated nucleic acid amplification testing platform for cervical cancer screening in low- and middle-income countries | MAKER, YAJUR NAMAN             | Awarded. Fellowships only     | 2023/06/01 | 2026/08/31 | \$105,782   | \$105,782   | \$72,936    | \$53,088  |
| 3,343 | T32AA007240 | 5T32AA007240-45   | UNIVERSITY OF CALIFORNIA BERKELEY       | Graduate Research Training in Alcohol Problems: Alcohol-Related Disparities   | KERR, WILLIAM C                | Awarded. Non-fellowships only | 1978/07/01 | 2027/05/31 | \$937,432   | \$937,432   | \$558,124   | \$280,582 |

|       |             |                 |  |  |                           |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,344 | F30AA029599 | 5F30AA029599-03 | VANDERBILT UNIVERSITY                    | Neuron-astrocyte interactions mediating ethanol and noradrenergic modulation of wake-promoting vPAG dopamine neurons | PETERSEN, NICHOLAS        | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$118,887   | \$118,887   | \$111,831   | \$53,931    |
| 3,345 | T32AI165369 | 5T32AI165369-03 | JOHNS HOPKINS UNIVERSITY                 | Research in practice: translating infectious disease epidemiology RIP-TIDE   | MOSS, WILLIAM J           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$916,666   | \$916,666   | \$652,300   | \$331,613   |
| 3,346 | T32DC000013 | 5T32DC000013-45 | FATHER FLANAGAN'S BOYS' HOME             | RESEARCH IN HUMAN COMMUNICATION AND ITS DISORDERS  | CHATTERJEE, MONITA        | Awarded. Non-fellowships only | 1980/07/01 | 2025/06/30 | \$1,066,065 | \$1,066,065 | \$1,068,954 | \$50,169    |
| 3,347 | T32NS136094 | 1T32NS136094-01 | SALK INSTITUTE FOR BIOLOGICAL STUDIES    | Quantitative Neuroscience Spanning Molecules, Cells, Circuits, and Behavior  | PFAFF, SAMUEL L           | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$291,843   | \$291,843   | \$152,421   | \$291,843   |
| 3,348 | F30CA278297 | 5F30CA278297-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Engineering detours around the biologic barriers to allogeneic, iPSC-derived CAR T immunotherapy                     | YOO, SANG PIL             | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$86,312    | \$86,312    | \$83,942    | \$43,796    |
| 3,349 | T32AI055428 | 5T32AI055428-19 | UNIVERSITY OF PENNSYLVANIA               | Immune System Development and Regulation   | ALLMAN, DAVID M           | Awarded. Non-fellowships only | 2003/06/01 | 2026/08/31 | \$829,488   | \$829,488   | \$733,801   | \$212,886   |
| 3,350 | T32HG008961 | 5T32HG008961-09 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | UAB-HudsonAlpha Genomic Medicine Training Program  | LIMDI, NITA A             | Awarded. Non-fellowships only | 2016/06/01 | 2026/05/31 | \$777,433   | \$777,433   | \$951,905   | \$86,906    |
| 3,351 | F31DA055469 | 5F31DA055469-03 | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Investigating the role of prefrontal cortex circuits in opioid-induced risk-taking behavior                          | QUAVE, CANA               | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$105,911   | \$105,911   | \$94,271    | \$36,471    |
| 3,352 | T32GM141865 | 5T32GM141865-04 | RENSSELAER POLYTECHNIC INSTITUTE         | BIOMOLECULAR SCIENCE AND ENGINEERING TRAINING PROGRAM  | VASHISHTH, DEEPAK         | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,445,837 | \$439,487   |
| 3,353 | F30CA275293 | 5F30CA275293-02 | HARVARD MEDICAL SCHOOL                   | Nanobodies for Dissecting the Structure and Function of Oligomeric BAX   | YU, ELLEN                 | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$75,241    | \$75,241    | \$70,537    | \$35,118    |
| 3,354 | T32MH080634 | 5T32MH080634-17 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Postdoctoral Training in Global AIDS Prevention Research   | CLARK, JESSE LAWTON       | Awarded. Non-fellowships only | 2007/07/04 | 2028/06/30 | \$791,256   | \$791,256   | \$316,847   | \$254,642   |
| 3,355 | T32AI007309 | 5T32AI007309-35 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Research Training in Immunology  | GUMMULURU, SURYARAM       | Awarded. Non-fellowships only | 1988/09/15 | 2025/07/31 | \$1,400,936 | \$1,400,936 | \$1,298,461 | \$289,176   |
| 3,356 | TL1DK132769 | 5TL1DK132769-04 | NORTHWESTERN UNIVERSITY AT CHICAGO       | NRSA Training Core   | ISAKOVA, TAMARA           | Awarded. Non-fellowships only | 2021/09/15 | 2026/05/31 | \$2,718,895 | \$2,718,895 | \$1,757,599 | \$722,691   |
| 3,357 | T32AR079114 | 5T32AR079114-04 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Regenerative Engineering of Musculoskeletal Tissues-a Convergence Doctoral Training Program                          | LAURENCIN, CATO T         | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$953,007   | \$953,007   | \$858,435   | \$167,550   |
| 3,358 | T32EB021937 | 5T32EB021937-09 | VANDERBILT UNIVERSITY                    | Training Program for Innovative Engineering Research in Surgery and Intervention                                     | MIGA, MICHAEL IAN         | Awarded. Non-fellowships only | 2016/06/01 | 2026/05/31 | \$844,768   | \$844,768   | \$748,424   | \$191,833   |
| 3,359 | T32GM142617 | 5T32GM142617-03 | EMORY UNIVERSITY                         | Medical Scientist Training Program   | YUSTEIN, JASON            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$4,373,757 | \$4,373,757 | \$3,971,805 | \$1,318,590 |
| 3,360 | T32GM136566 | 5T32GM136566-05 | BROWN UNIVERSITY                         | Interdisciplinary and Inclusive Predoctoral Training in Molecular, Cellular, and Biochemical Sciences                | MOWRY, KIMBERLY L         | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,215,602 | \$2,215,602 | \$1,867,889 | \$439,487   |
| 3,361 | T32MH020030 | 5T32MH020030-25 | VIRGINIA COMMONWEALTH UNIVERSITY         | ResearchTraining: Psychiatric and Statistical Genetics.  | NEALE, MICHAEL CHURTON    | Awarded. Non-fellowships only | 1999/07/01 | 2025/06/30 | \$1,760,003 | \$1,760,003 | \$1,381,990 | \$301,636   |
| 3,362 | F31DK136344 | 5F31DK136344-02 | VANDERBILT UNIVERSITY                    | Cytoskeleton-mediated regulation of insulin secretion hot spots in pancreatic beta cells                             | FYE, MARGRET A            | Awarded. Fellowships only     | 2023/06/01 | 2025/07/31 | \$67,220    | \$67,220    | \$62,257    | \$34,250    |
| 3,363 | F30DK136209 | 5F30DK136209-02 | UT SOUTHWESTERN MEDICAL CENTER           | The Impact of B3GNT7 on Properties of Intestinal Mucus and the Gut Microbiome  | BURNS, MARY WILTON NEWTON | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$78,858    | \$78,858    | \$70,975    | \$40,242    |
| 3,364 | T32CA090217 | 5T32CA090217-24 | UNIVERSITY OF WISCONSIN-MADISON          | UW Surgical Oncology Research Training Program (UW-SORT)   | NEUMAN, HEATHER B         | Awarded. Non-fellowships only | 2001/05/01 | 2026/05/31 | \$1,867,675 | \$1,867,675 | \$1,665,041 | \$469,876   |
| 3,365 | T32ES007329 | 5T32ES007329-22 | NORTH CAROLINA STATE UNIVERSITY RALEIGH  | Graduate Training in Bioinformatics  | WRIGHT, FRED A            | Awarded. Non-fellowships only | 2000/07/01 | 2028/06/30 | \$468,231   | \$468,231   | \$353,893   | \$276,840   |
| 3,366 | T32GM154124 | 1T32GM154124-01 | PENNSYLVANIA STATE UNIVERSITY, THE       | Research Training in Physiological Adaptations to Stress   | KORZICK, DONNA HOPE       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$521,619   | \$521,619   | \$307,765   | \$521,619   |
| 3,367 | F32NS136263 | 1F32NS136263-01 | UNIVERSITY OF CALIFORNIA-IRVINE          | Dissecting Key Interactions of the HIT Transcription Coupled Repair Complex  | PENDLEBURY, DEVON         | Awarded. Fellowships only     | 2024/09/01 | 2027/01/31 | \$76,756    | \$76,756    | \$0         | \$76,756    |

|       |             |                   |   |  |                            |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,368 | T32HL160517 | 5T32HL160517-03   | RHODE ISLAND HOSPITAL                   | Cardiovascular Surgery Research Training   | SELLKE, FRANK W            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$826,522   | \$826,522   | \$720,190   | \$344,271   |
| 3,369 | T32HL007572 | 5T32HL007572-40   | BOSTON CHILDREN'S HOSPITAL              | Research Methods in Pediatric Cardiovascular Disease                             | PU, WILLIAM TSWENCHING     | Awarded. Non-fellowships only | 1983/01/01 | 2026/06/30 | \$2,439,882 | \$2,439,882 | \$2,081,974 | \$575,656   |
| 3,370 | F30CA268747 | 5F30CA268747-03   | WEILL MEDICAL COLL OF CORNELL UNIV      | Inferring the structure and evolution of tandem duplication towers               | CHOO, ZI-NING              | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$158,420   | \$158,420   | \$150,386   | \$53,974    |
| 3,371 | T32DA057922 | 1T32DA057922-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Supportive, Multidisciplinary Addiction Research Training (SMART)                | MCCLUNG, COLLEEN A         | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$263,582   | \$263,582   | \$97,629    | \$263,582   |
| 3,372 | T32AG058527 | 2T32AG058527-06A1 | JOHNS HOPKINS UNIVERSITY                | Translational Aging Research Training Program                                    | WALSTON, JEREMY D          | Awarded. Non-fellowships only | 2018/05/01 | 2029/06/30 | \$616,763   | \$616,763   | \$282,488   | \$616,763   |
| 3,373 | F32DA055334 | 5F32DA055334-03   | STANFORD UNIVERSITY                     | Improving the Measurement of Brain-Behavior Associations in Adolescence          | DEMIDENKO, MICHAEL         | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$217,054   | \$217,054   | \$158,584   | \$76,384    |
| 3,374 | T34GM140958 | 5T34GM140958-03   | COLORADO STATE UNIVERSITY               | MARC at Colorado State University  | DEAN, GREGG A              | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$947,865   | \$947,865   | \$881,624   | \$474,840   |
| 3,375 | T32AI007036 | 5T32AI007036-44   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Combating Antibiotic Resistance Into the Next Generation (CARING)                | NIZET, VICTOR              | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$2,807,116 | \$2,807,116 | \$2,069,996 | \$605,609   |
| 3,376 | T32GM144290 | 5T32GM144290-03   | UNIVERSITY OF CHICAGO                   | Predoctoral Training Program in Chemistry and Biology                            | PICCIRILLI, JOSEPH ANTHONY | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$960,154   | \$960,154   | \$737,129   | \$329,616   |
| 3,377 | T35AG086098 | 1T35AG086098-01   | CASE WESTERN RESERVE UNIVERSITY         | Medical Student Summer Research Program in Aging and Alzheimers disease (MSSRPA) | DAVIS, PAMELA B            | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$91,055    | \$91,055    | \$81,229    | \$91,055    |
| 3,378 | T32NS007431 | 2T32NS007431-26   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Neuroscience Predoctoral Training at UNC-Chapel Hill                             | ZYLKA, MARK J              | Awarded. Non-fellowships only | 1997/09/30 | 2029/06/30 | \$215,923   | \$215,923   | \$218,946   | \$215,923   |
| 3,379 | T32NR016914 | 5T32NR016914-08   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Complexity: Innovations in Promoting Health through Team Science                 | MCCULLAGH, MARJORIE E      | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,239,288 | \$1,239,288 | \$1,120,122 | \$600,235   |
| 3,380 | T32CA225617 | 5T32CA225617-07   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Training Program in Cancer Prevention and Control for Priority Populations       | WISNIVESKY, JUAN P         | Awarded. Non-fellowships only | 2018/09/21 | 2028/08/31 | \$643,765   | \$643,765   | \$355,960   | \$334,081   |
| 3,381 | T32HL094301 | 5T32HL094301-15   | BRIGHAM AND WOMEN'S HOSPITAL            | Noninvasive Cardiovascular Imaging Research Training Program                     | DI CARLI, MARCELO F        | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$2,785,758 | \$2,785,758 | \$2,761,587 | \$586,516   |
| 3,382 | T34GM136493 | 5T34GM136493-05   | UNIVERSITY OF MISSOURI-COLUMBIA         | MARC at the University of Missouri-Columbia                                      | KING, ELIZABETH GRIEP      | Awarded. Non-fellowships only | 2020/06/01 | 2026/05/31 | \$2,018,774 | \$2,018,774 | \$1,812,013 | \$190,096   |
| 3,383 | T32GM145449 | 5T32GM145449-03   | DUKE UNIVERSITY                         | Medical Scientist Training Program Training Grant                                | KONTOS, CHRISTOPHER D      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$3,850,563 | \$3,850,563 | \$3,461,463 | \$1,318,590 |
| 3,384 | T32GM144291 | 5T32GM144291-03   | DUKE UNIVERSITY                         | University Training Program in Biomolecular and Tissue Engineering               | SEGURA, TATIANA            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,600,256 | \$1,600,256 | \$1,394,361 | \$549,359   |
| 3,385 | T32GM136583 | 5T32GM136583-05   | UNIVERSITY OF FLORIDA                   | Chemistry-Biology Interface Training Program at the University of Florida        | LI, CHENGLONG              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$847,068   | \$847,068   | \$740,389   | \$169,715   |
| 3,386 | T32OD011089 | 5T32OD011089-48   | JOHNS HOPKINS UNIVERSITY                | Training Veterinarians for Careers in Biomedical Research                        | MANKOWSKI, JOSEPH L        | Awarded. Non-fellowships only | 1977/07/01 | 2025/05/31 | \$1,960,954 | \$1,960,954 | \$2,324,859 | \$407,799   |
| 3,387 | T32AG066574 | 5T32AG066574-05   | UNIVERSITY OF WASHINGTON                | Biological Mechanisms of Healthy Aging Training Grant                            | YOUNG, JESSICA ELAINE      | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$3,685,219 | \$3,685,219 | \$3,180,050 | \$657,983   |
| 3,388 | T32DK007307 | 5T32DK007307-43   | UT SOUTHWESTERN MEDICAL CENTER          | ENDOCRINE & METABOLISM TRAINING GRANT  | SCHERER, PHILIPP E         | Awarded. Non-fellowships only | 1978/07/01 | 2028/06/30 | \$605,553   | \$605,553   | \$412,673   | \$352,157   |
| 3,389 | T32GM149371 | 5T32GM149371-02   | VANDERBILT UNIVERSITY                   | Vanderbilt Chemical Biology Interface Training Program                           | BACHMANN, BRIAN O          | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$863,915   | \$863,915   | \$671,087   | \$439,487   |
| 3,390 | T32DK007713 | 5T32DK007713-28   | JOHNS HOPKINS UNIVERSITY                | Clinical and Laboratory Research Training for Gastrointestinal Surgeons          | HACKAM, DAVID J            | Awarded. Non-fellowships only | 1996/07/01 | 2027/06/30 | \$632,078   | \$632,078   | \$727,597   | \$209,859   |
| 3,391 | F31DK132942 | 5F31DK132942-03   | BAYLOR COLLEGE OF MEDICINE              | Calcium signaling in Calicivirus infection and replication                       | SCRIBANO, FRANCESCA JEAN   | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$133,380   | \$48,974    |

|       |             |                   |  |  |                        |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|--|--|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,392 | T32GM149387 | 5T32GM149387-02   | UNIVERSITY OF OREGON                     | Graduate Training Grant in Genetics  | GUILLEMIN, KAREN J     | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$818,652   | \$818,652   | \$724,409   | \$416,855   |
| 3,393 | T32AA007565 | 2T32AA007565-31   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Multidisciplinary Training in the Biology of Alcohol Addiction   | MCCOOL, BRIAN A        | Awarded. Non-fellowships only | 1994/07/01 | 2029/06/30 | \$548,880   | \$548,880   | \$354,194   | \$548,880   |
| 3,394 | T32GM149382 | 5T32GM149382-02   | JOHNS HOPKINS UNIVERSITY                 | The Chemistry-Biology Interface Program at Johns Hopkins University  | ROKITA, STEVEN E       | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$647,937   | \$647,937   | \$539,043   | \$329,616   |
| 3,395 | F30DE031177 | 5F30DE031177-04   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Effects of a High Omega-6 Diet on Orofacial Allodynia  | TRAM, MEILINN          | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$196,814   | \$196,814   | \$187,195   | \$54,774    |
| 3,396 | F31HL158223 | 5F31HL158223-04   | EMORY UNIVERSITY                         | A New Paradigm to Treat Bleeding by Augmenting Hemostasis via Microscale Electrical Fields                                     | VITAL, EUDORAH         | Awarded. Fellowships only     | 2021/06/01 | 2025/05/31 | \$209,456   | \$209,456   | \$183,166   | \$53,974    |
| 3,397 | T34GM141986 | 5T34GM141986-04   | UNIVERSITY OF HAWAII AT MANOA            | MARC at University of Hawaii at Manoa  | RIVERS, RACHEL         | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,678,858 | \$1,678,858 | \$1,079,287 | \$459,458   |
| 3,398 | T32DK120520 | 5T32DK120520-05   | UNIVERSITY OF COLORADO DENVER            | Interdisciplinary Bioengineering Research Training in Diabetes   | BENNINGER, RICHARD KP  | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$840,868   | \$840,868   | \$611,804   | \$182,974   |
| 3,399 | T32CA047888 | 2T32CA047888-34A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Cancer Prevention and Control Training Program   | ANEJA, RITU            | Awarded. Non-fellowships only | 2018/08/13 | 2029/06/30 | \$407,297   | \$407,297   | \$230,156   | \$407,297   |
| 3,400 | T32AG062403 | 5T32AG062403-05   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Physician Scientist Training in Age-Related Diseases   | MODY, LONA             | Awarded. Non-fellowships only | 2020/05/01 | 2025/10/31 | \$2,501,721 | \$2,501,721 | \$1,860,127 | \$227,061   |
| 3,401 | F30CA265277 | 5F30CA265277-04   | UNIVERSITY OF NEBRASKA MEDICAL CENTER    | Targeting pyrimidine biosynthesis in pancreatic ductal adenocarcinoma  | MULLEN, NICHOLAS JAMES | Awarded. Fellowships only     | 2021/07/12 | 2025/07/11 | \$180,660   | \$180,660   | \$160,217   | \$53,974    |
| 3,402 | T32MH109433 | 5T32MH109433-08   | UNIVERSITY OF PENNSYLVANIA               | The academic-community experience (ACE): A postdoctoral training fellowship in implementation science to promote mental health | MANDELL, DAVID S       | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$790,084   | \$790,084   | \$606,737   | \$330,262   |
| 3,403 | T32NS095939 | 5T32NS095939-09   | UNIVERSITY OF CALIFORNIA BERKELEY        | Neuroscience Training Program at UC Berkeley   | BATEUP, HELEN S        | Awarded. Non-fellowships only | 2016/07/01 | 2026/06/30 | \$2,375,799 | \$2,375,799 | \$2,144,109 | \$600,668   |
| 3,404 | T32EB001628 | 5T32EB001628-22   | VANDERBILT UNIVERSITY MEDICAL CENTER     | Postdoctoral Training in Biomedical MRI and MRS  | GORE, JOHN C           | Awarded. Non-fellowships only | 2003/09/30 | 2028/06/30 | \$378,692   | \$378,692   | \$512,036   | \$140,039   |
| 3,405 | T32EY007135 | 5T32EY007135-29   | VANDERBILT UNIVERSITY                    | Training Grant in Vision Research  | WOODMAN, GEOFFREY F    | Awarded. Non-fellowships only | 1993/12/01 | 2026/07/31 | \$356,041   | \$356,041   | \$395,069   | \$79,265    |
| 3,406 | T32HL007604 | 5T32HL007604-40   | BRIGHAM AND WOMEN'S HOSPITAL             | Training Grant in Cardiovascular Research  | LIBBY, PETER           | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$4,489,024 | \$4,489,024 | \$4,280,104 | \$806,952   |
| 3,407 | F30CA284607 | 5F30CA284607-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | MALT1 protease as a regulator of anti-tumor immunity and tumor progression in diffuse midline glioma                           | BUTTERFIELD, HANNAH    | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$106,668   | \$106,668   | \$33,707    | \$53,974    |
| 3,408 | F31GM149163 | 5F31GM149163-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Multiplexed Optogenetic Control of Mammalian Genome and Transcriptome using Recombinases and Cas13                             | TOUS, CRISTINA         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$79,582    | \$79,582    | \$57,356    | \$40,431    |
| 3,409 | F31DK135162 | 5F31DK135162-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Function of NLRP3 in regulatory T cell-mediated control of intestinal homeostasis  | PATKAR, RASIKA         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$81,854    | \$81,854    | \$74,658    | \$41,567    |
| 3,410 | T32CA009560 | 5T32CA009560-38   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Carcinogenesis Training Program  | GREEN, KATHLEEN JANEE  | Awarded. Non-fellowships only | 1986/08/01 | 2027/06/30 | \$988,253   | \$988,253   | \$828,023   | \$324,945   |
| 3,411 | TL1TR002368 | 5TL1TR002368-08   | UNIVERSITY OF KANSAS MEDICAL CENTER      | NRSA Training Core   | SOSNOFF, JACOB J       | Awarded. Non-fellowships only | 2017/09/07 | 2027/06/30 | \$1,182,123 | \$1,182,123 | \$1,128,953 | \$306,601   |
| 3,412 | T32CA247815 | 5T32CA247815-05   | OHIO STATE UNIVERSITY                    | Training Hematology and Oncology Fellows in Clinical Research  | VERSCHRAEGEN, CLAIRE F | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$861,527   | \$861,527   | \$714,431   | \$179,597   |
| 3,413 | T32HL007950 | 5T32HL007950-24   | YALE UNIVERSITY                          | Vascular Training Grant  | BENDER, JEFFREY R      | Awarded. Non-fellowships only | 2000/09/30 | 2026/06/30 | \$1,875,679 | \$1,875,679 | \$1,458,355 | \$296,794   |
| 3,414 | T32GM142515 | 5T32GM142515-04   | SAN FRANCISCO STATE UNIVERSITY           | SFSU/UCSF M.S. Bridges to the Doctorate Program  | FUSE, MEGUMI M         | Awarded. Non-fellowships only | 2021/08/04 | 2026/07/31 | \$4,515,889 | \$4,515,889 | \$3,707,034 | \$1,273,698 |



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|-------|-------------|-----------------|---|---|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,415 | F32AI172641 | 5F32AI172641-03 | MASSACHUSETTS GENERAL HOSPITAL          | Immune response and viral dynamics within the female genital tract during hyperacute and acute HIV infection                                  | READ, BENJAMIN JOSEPH   | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$213,430   | \$213,430   | \$164,804   | \$76,756    |
| 3,416 | F31AA030715 | 5F31AA030715-02 | RUTGERS, THE STATE UNIV OF N.J.         | Alcohol use, physical activity, and neurophysiological indicators of behavioral adaptability  | UDE, ANDREW ANTONIO     | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$62,205    | \$48,974    |
| 3,417 | F31NS131056 | 5F31NS131056-02 | VANDERBILT UNIVERSITY                   | Dynamic multimodal connectivity analysis of brain networks in focal epilepsy  | DOSS, DEREK J           | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$69,472    | \$69,472    | \$57,564    | \$36,626    |
| 3,418 | T32HL007752 | 5T32HL007752-30 | CINCINNATI CHILDRENS HOSP MED CTR       | Pulmonary Development and Disease Pathogenesis Training Program   | WHITSETT, JEFFREY A     | Awarded. Non-fellowships only | 1994/07/15 | 2025/06/30 | \$1,583,657 | \$1,583,657 | \$1,439,674 | \$230,990   |
| 3,419 | T32EB004311 | 5T32EB004311-20 | UNIVERSITY OF PENNSYLVANIA              | Research Track Radiology Residency  | MANKOFF, DAVID A        | Awarded. Non-fellowships only | 2005/05/01 | 2025/06/30 | \$1,188,469 | \$1,188,469 | \$1,106,844 | \$262,962   |
| 3,420 | F31DA057811 | 5F31DA057811-02 | NORTHWESTERN UNIVERSITY AT CHICAGO      | How Do Parents Experiences with Services Influence Their Childrens Service Use? A Longitudinal, Intergenerational Study of High-Risk Families | LUNA, MARÍA JOSÉ        | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$87,694    | \$87,694    | \$72,357    | \$44,487    |
| 3,421 | F31AG081115 | 5F31AG081115-02 | UNIVERSITY OF WISCONSIN-MADISON         | Dietary Interventions in Alzheimer's Disease  | BABYGIRIJA, REJI        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$102,168   | \$102,168   | \$69,858    | \$51,974    |
| 3,422 | F31AI178953 | 5F31AI178953-02 | CASE WESTERN RESERVE UNIVERSITY         | Regulation of IgG Sialylation   | GLENDENNING, LEANDRE    | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$83,868    | \$83,868    | \$72,823    | \$42,574    |
| 3,423 | T32AI007343 | 5T32AI007343-35 | UNIVERSITY OF IOWA                      | Research Training in Infectious Diseases  | STAPLETON, JACK T       | Awarded. Non-fellowships only | 1988/07/01 | 2025/08/31 | \$1,287,683 | \$1,287,683 | \$1,058,020 | \$295,686   |
| 3,424 | T32NS043126 | 5T32NS043126-22 | UNIVERSITY OF PENNSYLVANIA              | Brain Injury Training Grant   | SMITH, DOUGLAS HAMILTON | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$664,417   | \$664,417   | \$619,758   | \$309,457   |
| 3,425 | T32HL007227 | 5T32HL007227-49 | JOHNS HOPKINS UNIVERSITY                | Pathophysiology of Myocardial Disease   | POST, WENDY S           | Awarded. Non-fellowships only | 1981/07/01 | 2026/06/30 | \$4,268,497 | \$4,268,497 | \$3,396,875 | \$1,120,228 |
| 3,426 | F30AT012416 | 5F30AT012416-02 | MICHIGAN STATE UNIVERSITY               | Critical Role of the Gut Microbiota in Prunes' Prevention of Glucocorticoid Induced Osteoporosis  | CHARGO, NICHOLAS        | Awarded. Fellowships only     | 2023/07/06 | 2028/07/05 | \$103,994   | \$103,994   | \$71,378    | \$52,637    |
| 3,427 | F32MH132259 | 5F32MH132259-02 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Neural sensitivity to social feedback following adversity: Implications for adolescent mental health  | DAVIS, MEGAN            | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$143,961   | \$143,961   | \$121,652   | \$74,284    |
| 3,428 | F30CA275292 | 5F30CA275292-03 | UT SOUTHWESTERN MEDICAL CENTER          | Dissecting the functional role of LINE1 retrotransposon-mediated interferon signaling in myeloid leukemia                                     | LEE, MICHAEL            | Awarded. Fellowships only     | 2022/07/18 | 2026/07/17 | \$128,975   | \$128,975   | \$118,628   | \$49,839    |
| 3,429 | F30DE032265 | 5F30DE032265-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Chromatin modifier Polycomb Repressive Complex 2 as a regulator of dental epithelial progenitor cells   | SUNG, DAVID             | Awarded. Fellowships only     | 2022/07/15 | 2027/12/31 | \$145,297   | \$145,297   | \$131,118   | \$54,774    |
| 3,430 | T32GM136534 | 5T32GM136534-04 | UNIVERSITY OF WASHINGTON                | Training in Cellular & Molecular Biology  | OBERST, ANDREW ATWELL   | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,770,809 | \$3,770,809 | \$3,450,465 | \$997,478   |
| 3,431 | T32GM146694 | 5T32GM146694-03 | TOWSON UNIVERSITY                       | Bridges to the Doctorate at Towson University   | EHRlich, ELANA S        | Awarded. Non-fellowships only | 2022/08/01 | 2027/07/31 | \$1,191,404 | \$1,191,404 | \$899,389   | \$408,303   |
| 3,432 | T32NS007224 | 5T32NS007224-39 | YALE UNIVERSITY                         | Neurobiology of Cortical Systems  | CARDIN, JESSICA A       | Awarded. Non-fellowships only | 1983/07/01 | 2026/06/30 | \$787,815   | \$787,815   | \$726,295   | \$135,900   |
| 3,433 | T32CA009515 | 5T32CA009515-40 | UNIVERSITY OF WASHINGTON                | TRAINING IN CANCER BIOLOGY AND TRANSPLANTATION  | DAVIDSON, NANCY ELLEN   | Awarded. Non-fellowships only | 1985/07/01 | 2025/06/30 | \$3,597,680 | \$3,597,680 | \$3,410,524 | \$752,618   |
| 3,434 | T32NS095775 | 5T32NS095775-08 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | UAB Training Program in Neurodegeneration   | ROBERSON, ERIK D        | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$514,313   | \$514,313   | \$376,331   | \$91,472    |
| 3,435 | T32AG076411 | 5T32AG076411-03 | UNIVERSITY OF PENNSYLVANIA              | Cross-disciplinary training in translational neuroimaging of AD/RD  | MCMILLAN, COREY T       | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$989,991   | \$989,991   | \$702,483   | \$343,266   |
| 3,436 | F31MH131366 | 5F31MH131366-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Characterizing the mechanistic basis for sex-dimorphic responses to retinoic acid signaling in the developing brain                           | HENNICK, KELSEY         | Awarded. Fellowships only     | 2023/06/30 | 2025/06/29 | \$88,498    | \$88,498    | \$86,575    | \$44,889    |

|       |             |                 |  |  |                           |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,437 | T32MH015442 | 5T32MH015442-46 | UNIVERSITY OF COLORADO DENVER            | Development of Psychopathology, Psychobiology, & Behavior  | TREGELLAS, JASON R        | Awarded. Non-fellowships only | 1978/07/01 | 2027/06/30 | \$1,917,523 | \$1,917,523 | \$1,209,851 | \$536,079   |
| 3,438 | F31DK137587 | 5F31DK137587-02 | UNIVERSITY OF IOWA                       | The Role of IRX3 Neurons in the Regulation of Body Weight Homeostasis  | SULLIVAN, ANDREW          | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$70,262    | \$70,262    | \$61,483    | \$35,771    |
| 3,439 | T32AA007468 | 5T32AA007468-38 | OREGON HEALTH & SCIENCE UNIVERSITY       | BIOLOGICAL BASES OF ALCOHOLISM   | RYABININ, ANDREY E        | Awarded. Non-fellowships only | 1987/09/30 | 2027/06/30 | \$1,346,679 | \$1,346,679 | \$1,301,932 | \$459,153   |
| 3,440 | T32CA009054 | 5T32CA009054-44 | UNIVERSITY OF CALIFORNIA-IRVINE          | A Training Program for Interdisciplinary Cancer Research   | FRUMAN, DAVID ALEXANDER   | Awarded. Non-fellowships only | 1980/07/01 | 2026/06/30 | \$1,585,681 | \$1,585,681 | \$1,323,933 | \$420,050   |
| 3,441 | T32NS131178 | 5T32NS131178-02 | BOSTON UNIVERSITY MEDICAL CAMPUS         | Graduate Program for Neuroscience  | RUSSEK, SHELLEY J         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$653,769   | \$653,769   | \$475,337   | \$332,532   |
| 3,442 | F31MH133297 | 5F31MH133297-02 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Gene Expression Profiling of Stress Resilient Mice within the Nucleus Accumbens  | GYLES, TREVONN MICHAEL    | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$72,493    | \$48,974    |
| 3,443 | T32CA070085 | 5T32CA070085-27 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Training Program in Signal Transduction and Cancer   | PLATANIAS, LEONIDAS C     | Awarded. Non-fellowships only | 1997/05/01 | 2028/06/30 | \$609,376   | \$609,376   | \$338,351   | \$308,619   |
| 3,444 | T32GM150375 | 5T32GM150375-02 | UNIVERSITY OF CHICAGO                    | Medical Scientist National Research Service Award  | CLARK, MARCUS RAMSAY      | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$2,889,800 | \$2,889,800 | \$2,503,033 | \$1,318,590 |
| 3,445 | T35AA028204 | 5T35AA028204-05 | OSU CENTER FOR HEALTH SCIENCES           | A short-term summer research program for American Indian medical students  | VASSAR, MATT              | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$227,324   | \$227,324   | \$114,309   | \$40,192    |
| 3,446 | T32AI007291 | 5T32AI007291-34 | JOHNS HOPKINS UNIVERSITY                 | Research Training in Microbial Diseases  | COSGROVE, SARA ELIZABETH  | Awarded. Non-fellowships only | 1986/09/01 | 2026/08/31 | \$1,798,391 | \$1,798,391 | \$1,500,463 | \$461,683   |
| 3,447 | T32DK128783 | 5T32DK128783-03 | UNIVERSITY OF CALIFORNIA BERKELEY        | Training Program in Metabolic Biology  | STAHL, ANDREAS            | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$457,765   | \$457,765   | \$369,967   | \$179,825   |
| 3,448 | F30DC019510 | 5F30DC019510-04 | VANDERBILT UNIVERSITY                    | Investigating the Phenomenology and Physiologic Underpinnings of Decreased Sound Tolerance in Adults with Autism Spectrum Disorder | WILLIAMS, ZACHARY JAMES   | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$166,817   | \$166,817   | \$159,761   | \$53,974    |
| 3,449 | T32MH019908 | 5T32MH019908-31 | STANFORD UNIVERSITY                      | Research Training for Child Psychiatry and Neurodevelopment  | REISS, ALLAN L            | Awarded. Non-fellowships only | 1993/09/01 | 2026/06/30 | \$1,235,998 | \$1,235,998 | \$1,287,227 | \$343,091   |
| 3,450 | T32GM139780 | 5T32GM139780-04 | UNIVERSITY OF CALIFORNIA BERKELEY        | Biology and Biotechnology of Cell and Gene Therapy   | SCHAFER, DAVID V          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,535,907 | \$1,535,907 | \$1,349,508 | \$405,887   |
| 3,451 | T32AA007456 | 5T32AA007456-42 | SCRIPPS RESEARCH INSTITUTE, THE          | NEUROPSYCHOPHARMACOLOGY: MULTIDISCIPLINARY TRAINING  | ROBERTO, MARISA           | Awarded. Non-fellowships only | 1983/12/01 | 2027/06/30 | \$2,053,258 | \$2,053,258 | \$1,506,557 | \$778,414   |
| 3,452 | F32DK134121 | 5F32DK134121-02 | BAYLOR COLLEGE OF MEDICINE               | 5-HT NEURONS AND MEAL REGULATION   | MCDERMOTT, KRISTINE MARIE | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$146,256   | \$146,256   | \$146,256   | \$76,756    |
| 3,453 | T32AA007471 | 5T32AA007471-38 | UNIVERSITY OF TEXAS AT AUSTIN            | Neurochemical & Behavioral Correlates of ETOH Effects  | NIXON, KIMBERLY           | Awarded. Non-fellowships only | 1987/09/30 | 2027/06/30 | \$1,282,944 | \$1,282,944 | \$1,180,249 | \$413,941   |
| 3,454 | T32AA014127 | 5T32AA014127-22 | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | Alcohol Research Training in Neurosciences   | BRIGMAN, JONATHAN L       | Awarded. Non-fellowships only | 2003/08/08 | 2028/07/31 | \$374,014   | \$374,014   | \$280,497   | \$190,772   |
| 3,455 | T32CA009370 | 5T32CA009370-42 | SALK INSTITUTE FOR BIOLOGICAL STUDIES    | Cancer Heterogeneity, Immunity, and Microenvironment (CHIME) Training Program  | KAECH, SUSAN M            | Awarded. Non-fellowships only | 1980/09/01 | 2027/06/30 | \$1,389,455 | \$1,389,455 | \$1,180,582 | \$489,363   |
| 3,456 | T32AI007433 | 5T32AI007433-33 | MASSACHUSETTS GENERAL HOSPITAL           | Program for AIDS Clinical Research Training (PACRT)  | SIEDNER, MARK J           | Awarded. Non-fellowships only | 1992/09/30 | 2027/06/30 | \$1,887,147 | \$1,887,147 | \$1,657,613 | \$633,169   |
| 3,457 | F31DE032259 | 5F31DE032259-03 | UNIVERSITY OF SOUTHERN CALIFORNIA        | Mechanisms of Craniosynostosis in Bent Bone Dysplasia Syndrome   | NICKLE, AUDREY            | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$145,820   | \$145,820   | \$96,046    | \$49,774    |
| 3,458 | F31MH134694 | 5F31MH134694-02 | UNIVERSITY OF SOUTHERN CALIFORNIA        | HIV risk and prevention behavior and the role of social support networks among precariously housed youth: A mixed-methods study    | PETRY, LAURA              | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$40,082    | \$48,974    |
| 3,459 | T32AG066596 | 5T32AG066596-05 | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Multidisciplinary training in basic and translational Alzheimers disease research  | KOO, EDWARD H             | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$2,243,597 | \$2,243,597 | \$1,489,961 | \$501,145   |



|       |             |                 |                                       |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---------------------------------------|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,460 | T32GM139534 | 5T32GM139534-04 | BAYLOR COLLEGE OF MEDICINE            | Genetics & Genomics Training Program  | SHAULSKY, GAD              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,340,616 | \$3,340,616 | \$3,036,843 | \$878,975 |
| 3,461 | F32EY035119 | 5F32EY035119-02 | DUKE UNIVERSITY                       | Astrocyte-specific molecular cues guiding retinal angiogenesis  | VALDEZ-LOPEZ, JUAN         | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$156,184   | \$156,184   | \$140,872   | \$81,892  |
| 3,462 | T32HG000040 | 5T32HG000040-30 | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | University of Michigan Training Program in Genomic Science  | BOEHNKE, MICHAEL L         | Awarded. Non-fellowships only | 1995/07/01 | 2025/06/30 | \$3,500,374 | \$3,500,374 | \$3,483,509 | \$709,026 |
| 3,463 | F31DK137567 | 5F31DK137567-02 | INDIANA UNIVERSITY INDIANAPOLIS       | Beta Cell Heterogeneity in the Interferon Alpha Response  | WAGNER, LESLIE ELAINE      | Awarded. Fellowships only     | 2023/06/08 | 2025/06/07 | \$96,668    | \$96,668    | \$69,993    | \$48,974  |
| 3,464 | T32GM145735 | 5T32GM145735-03 | GEORGIA INSTITUTE OF TECHNOLOGY       | T32 CTEng (Cellular and Tissue Engineering) Training Program  | GARCIA, ANDRES J           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,440,230 | \$1,440,230 | \$1,246,780 | \$494,423 |
| 3,465 | T32CA196589 | 5T32CA196589-10 | UNIV OF NORTH CAROLINA CHAPEL HILL    | CAROLINA CANCER NANOTECHNOLOGY TRAINING PROGRAM (C-CNTP)  | KABANOV, ALEXANDER V       | Awarded. Non-fellowships only | 2015/07/01 | 2025/06/30 | \$2,222,252 | \$2,222,252 | \$1,935,868 | \$520,560 |
| 3,466 | T32AI138945 | 5T32AI138945-07 | UNIVERSITY OF UTAH                    | Cross-disciplinary Training in Immunology, Inflammation and Infectious Disease  | LAMB, TRACEY JANE          | Awarded. Non-fellowships only | 2018/08/15 | 2028/07/31 | \$395,906   | \$395,906   | \$363,240   | \$169,397 |
| 3,467 | F30CA275020 | 5F30CA275020-02 | VANDERBILT UNIVERSITY                 | Risk stratifying indeterminate pulmonary nodules with jointly learned features from longitudinal radiologic and clinical big data | LI, THOMAS ZHIHE           | Awarded. Fellowships only     | 2023/07/01 | 2026/09/19 | \$86,197    | \$86,197    | \$52,210    | \$53,351  |
| 3,468 | F31MH132307 | 5F31MH132307-02 | WAYNE STATE UNIVERSITY                | The Role for in vivo Glutamate Modulation in Maintaining Cognitive Control in Trauma-Exposed Adolescents                          | FRANCE, JOHN               | Awarded. Fellowships only     | 2023/08/17 | 2025/08/16 | \$94,488    | \$94,488    | \$76,369    | \$47,884  |
| 3,469 | F31CA275397 | 5F31CA275397-03 | BAYLOR COLLEGE OF MEDICINE            | Investigating the role of CRAT as a driver of triple negative breast cancer chemoresistance                                       | PENDLETON, KATHERINE ELLEN | Awarded. Fellowships only     | 2022/08/03 | 2025/08/02 | \$143,420   | \$143,420   | \$132,023   | \$48,974  |
| 3,470 | T32NS115672 | 5T32NS115672-05 | WASHINGTON UNIVERSITY                 | Interdisciplinary Training in Cognitive, Computational and Systems Neuroscience (CCSN)  | PADOA-SCHIOPPA, CAMILLO    | Awarded. Non-fellowships only | 2020/07/15 | 2025/06/30 | \$975,889   | \$975,889   | \$647,900   | \$1       |
| 3,471 | T32DK007245 | 5T32DK007245-48 | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Training Program in Endocrinology and Metabolism  | AUCHUS, RICHARD J          | Awarded. Non-fellowships only | 1977/07/01 | 2025/06/30 | \$1,318,420 | \$1,318,420 | \$1,329,417 | \$274,027 |
| 3,472 | T32GM136597 | 5T32GM136597-04 | UNIVERSITY OF CALIFORNIA AT DAVIS     | UC Davis Chemical Biology Program   | BEAL, PETER A              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,064,547 | \$1,064,547 | \$750,242   | \$282,570 |
| 3,473 | T32GM139791 | 5T32GM139791-04 | STANFORD UNIVERSITY                   | Stanford ChEM-H Chemistry/Biology Interface Predoctoral Training Program  | BERTOZZI, CAROLYN          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,360,720 | \$1,360,720 | \$1,115,079 | \$384,551 |
| 3,474 | F30CA268766 | 5F30CA268766-02 | UNIVERSITY OF NEBRASKA MEDICAL CENTER | Molecular control of tumor-initiating cells in Ras-driven cancers   | VIEIRA, HEIDI              | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$76,650    | \$76,650    | \$62,445    | \$38,965  |
| 3,475 | F30CA260911 | 5F30CA260911-04 | UNIVERSITY OF FLORIDA                 | Thymic PD-1 blockade mediates the anti-tumor immune response in pediatric high-grade glioma                                       | FRANCIS, CONNOR PATRICK    | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$179,447   | \$179,447   | \$164,060   | \$53,974  |
| 3,476 | F31AG077915 | 5F31AG077915-03 | UNIVERSITY OF CALIFORNIA, SAN DIEGO   | Speech Markers of Cognition in Aging Bilingualism   | GARCIA, DALIA              | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$124,975   | \$124,975   | \$100,119   | \$43,778  |
| 3,477 | T32CA009679 | 5T32CA009679-32 | UNIVERSITY OF PENNSYLVANIA            | Cancer Clinical Epidemiology Training Grant   | GLANZ, KAREN               | Awarded. Non-fellowships only | 1992/09/01 | 2028/06/30 | \$1,072,739 | \$1,072,739 | \$689,090   | \$548,762 |
| 3,478 | F32HD107878 | 5F32HD107878-03 | BOSTON CHILDREN'S HOSPITAL            | Drug Development for Pediatric Capillary Malformation   | VIVERO, MATTHEW P          | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$231,718   | \$231,718   | \$124,036   | \$83,932  |
| 3,479 | T32CA272382 | 5T32CA272382-02 | VIRGINIA COMMONWEALTH UNIVERSITY      | Integrative Training Program in Cancer Biology  | ATFI, AZEDDINE             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$612,797   | \$612,797   | \$358,450   | \$363,479 |
| 3,480 | T32GM139789 | 5T32GM139789-04 | UNIVERSITY OF MASSACHUSETTS AMHERST   | Chemistry-Biology Interface Predoctoral Training Grant  | STRIETER, ERIC ROBERT      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,087,885 | \$2,087,885 | \$1,869,641 | \$549,359 |
| 3,481 | T32CA160003 | 5T32CA160003-12 | UNIVERSITY OF KENTUCKY                | Oncology Research Training for Surgeon-Scientists   | EVERS, BERNARD MARK        | Awarded. Non-fellowships only | 2011/07/01 | 2028/06/30 | \$655,306   | \$655,306   | \$511,751   | \$382,660 |
| 3,482 | T32AG062728 | 5T32AG062728-05 | UNIVERSITY OF FLORIDA                 | Translational Research Training on Aging and Mobility (TRAM)  | MANINI, TODD               | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,298,556 | \$1,298,556 | \$902,754   | \$202,432 |

|       |             |                   |   |   |                              |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,483 | T32AI007511 | 5T32AI007511-29   | UNIVERSITY OF IOWA                      | Training in Mechanisms of Parasitism  | WILSON, MARY E               | Awarded. Non-fellowships only | 1996/08/01 | 2026/07/31 | \$1,607,914 | \$1,607,914 | \$1,387,173 | \$422,002 |
| 3,484 | F30HD115415 | 1F30HD115415-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Characterizing adherence and estimating per-protocol effects for pediatric dolutegravir use   | LI, CATHERINE XIN-DI         | Awarded. Fellowships only     | 2024/06/01 | 2028/05/31 | \$88,615    | \$88,615    | \$38,442    | \$41,012  |
| 3,485 | F31AG084199 | 1F31AG084199-01A1 | VAN ANDEL RESEARCH INSTITUTE            | Identifying Determinants of Tau Pathology Seeding   | KASEN, ALYSA MARIE           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$47,974    | \$47,974    | \$39,471    | \$47,974  |
| 3,486 | T32CA134286 | 5T32CA134286-15   | DARTMOUTH COLLEGE                       | Training Program for Quantitative Population Sciences in Cancer   | KARAGAS, MARGARET RITA       | Awarded. Non-fellowships only | 2009/08/07 | 2025/07/31 | \$1,536,691 | \$1,536,691 | \$1,152,283 | \$331,675 |
| 3,487 | F32AI183804 | 1F32AI183804-01   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | Impact of obesity on antiviral NK cell function and immune crosstalk with respiratory epithelial cells during influenza virus infection   | BRIGLEB, PAMELA              | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$74,284    | \$74,284    | \$42,406    | \$74,284  |
| 3,488 | F32DK139723 | 1F32DK139723-01   | UNIVERSITY OF PENNSYLVANIA              | A new regulator of mucus production integrating temporal and microbial cues   | LIYOU, MEGAN                 | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$73,828    | \$73,828    | \$30,495    | \$73,828  |
| 3,489 | T32EB027629 | 5T32EB027629-05   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Caltech/UCLA Individualized Theranostic Engineering to Advance Metabolic System (iTEAM)   | HSIAI, TZUNG K               | Awarded. Non-fellowships only | 2020/07/08 | 2025/06/30 | \$1,298,109 | \$1,298,109 | \$841,431   | \$278,142 |
| 3,490 | F31HL174156 | 1F31HL174156-01   | UNIVERSITY OF FLORIDA                   | Molecular Mechanisms of Intramuscular Adipose Tissue in Chronic Limb Threatening Ischemia   | PALZKILL, VICTORIA R         | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$33,727    | \$33,727    | \$19,034    | \$33,727  |
| 3,491 | F32AA031404 | 1F32AA031404-01A1 | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Role of PrRP+ projections to BNST in ethanol withdrawal and negative affective behavior   | EDWARDS, CAITLYN MARIE       | Awarded. Fellowships only     | 2024/07/01 | 2025/10/10 | \$77,284    | \$77,284    | \$67,140    | \$77,284  |
| 3,492 | F30ES036439 | 1F30ES036439-01   | EMORY UNIVERSITY                        | Investigating Determinants of Perinatal Lead Exposure, Associations with Preterm Birth, and Reporting Back Research Results in the Atlanta African American Maternal Child Cohort | EATMAN, JASMIN AFRICALI      | Awarded. Fellowships only     | 2024/05/15 | 2028/05/14 | \$56,974    | \$56,974    | \$41,312    | \$56,974  |
| 3,493 | F31NS134306 | 1F31NS134306-01A1 | UNIVERSITY OF CALIFORNIA-IRVINE         | Effect of mutant HTT on the development and maturation of astrocytes  | BURNS, MARA                  | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$45,863    | \$45,863    | \$33,903    | \$45,863  |
| 3,494 | F31HD113332 | 1F31HD113332-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Assessing the impact of a postpartum intrauterine device intervention on contraceptive decision-making  | BULLINGTON, BROOKE WHITNEY   | Awarded. Fellowships only     | 2024/05/30 | 2026/05/29 | \$39,440    | \$39,440    | \$34,546    | \$39,440  |
| 3,495 | F31HL174166 | 1F31HL174166-01   | FRED HUTCHINSON CANCER CENTER           | Structural Mechanism of Activation and Modulation of Tie2-mediated Angiogenesis   | NGUYEN, ADAM                 | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$44,249    | \$44,249    | \$32,750    | \$44,249  |
| 3,496 | F31DC021896 | 1F31DC021896-01   | UNIVERSITY OF CALIFORNIA-IRVINE         | Documenting the Home and Community Storytelling Practices of Mexican-American Bilingual Children with Developmental Language Disorder   | GRANADOS VARGAS, ALEJANDRO   | Awarded. Fellowships only     | 2024/06/30 | 2026/06/29 | \$41,738    | \$41,738    | \$41,738    | \$41,738  |
| 3,497 | F31AG087553 | 1F31AG087553-01   | UNIVERSITY OF WASHINGTON                | Deciphering the Role of Glycan Sulfation in Neuroinflammation and Alzheimers Disease  | MEURET, CRISTIANA JOY        | Awarded. Fellowships only     | 2025/01/25 | 2030/01/24 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 3,498 | F32MH132178 | 5F32MH132178-02   | BOSTON CHILDREN'S HOSPITAL              | Investigations of cAMP-dependent brain-barrier permeability in choroid plexus   | FIGUEROA VELEZ, DARIO XAVIER | Awarded. Fellowships only     | 2023/09/01 | 2025/08/30 | \$153,364   | \$153,364   | \$123,955   | \$79,284  |
| 3,499 | F31MH136678 | 1F31MH136678-01   | JOHNS HOPKINS UNIVERSITY                | Social determinants, trauma, and mental distress among forcibly displaced populations in low- and middle-income countries   | YAN, LAUREN NICOLE           | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$17,640    | \$48,974  |
| 3,500 | F31CA290953 | 1F31CA290953-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Characterizing and Overcoming MHC-I-Mediated Immune Evasion in Triple-Negative Breast Cancer  | O'CONNELL, DINA              | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$40,064    | \$40,064    | \$32,474    | \$40,064  |
| 3,501 | F32AG087637 | 1F32AG087637-01   | UNIVERSITY OF FLORIDA                   | Targeting muscle kynurenine aminotransferases and the AHR pathway to mitigate age-related physical decline  | WIMBERLY, KEON               | Awarded. Fellowships only     | 2024/08/23 | 2026/03/03 | \$79,756    | \$79,756    | \$41,422    | \$79,756  |
| 3,502 | F31GM148057 | 5F31GM148057-03   | TUFTS UNIVERSITY BOSTON                 | Determining the Role of p97 Adaptor UBXD8 in Peroxisome Function  | MONTES, IRIS                 | Awarded. Fellowships only     | 2022/08/16 | 2025/08/15 | \$130,670   | \$130,670   | \$110,677   | \$44,724  |
| 3,503 | T32HL007843 | 5T32HL007843-28   | UNIVERSITY OF PENNSYLVANIA              | Training Program in Cardiovascular Biology and Medicine   | CAPPOLA, THOMAS P            | Awarded. Non-fellowships only | 1996/09/15 | 2027/06/30 | \$2,044,720 | \$2,044,720 | \$1,686,822 | \$587,441 |

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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 3,504 | T32HL151323 | 5T32HL151323-05   | STANFORD UNIVERSITY                      | Stanford BSSR Pre-Doctoral Training Program at the Intersection of Data Sciences with Behavioral, Social, and Population Health Research | NELSON, LORENE M           | Awarded. Non-fellowships only | 2020/04/15 | 2026/03/31 | \$1,161,443 | \$1,161,443 | \$947,055 | \$151,745 |
| 3,505 | F31AI183694 | 1F31AI183694-01   | UNIVERSITY OF PENNSYLVANIA               | Uncovering the molecular underpinnings of C15, a potent orthopoxvirus virulence factor   | CARRO, STEPHEN DAVID       | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$36,803    | \$36,803    | \$26,716  | \$36,803  |
| 3,506 | F31GM154483 | 1F31GM154483-01   | UNIVERSITY OF UTAH                       | Mechanism of translation initiation through the non-canonical initiation factor eIF2A  | FERRELL, AARON             | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$40,207    | \$40,207    | \$36,606  | \$40,207  |
| 3,507 | F31HL165935 | 5F31HL165935-03   | UNIV OF NORTH CAROLINA CHAPEL HILL       | The Role of the small GTPase Rap1 in Platelet-Coagulation Interplay  | BALLARD, ABIGAIL RENE      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$118,052   | \$118,052   | \$77,203  | \$40,518  |
| 3,508 | T32GM137948 | 5T32GM137948-05   | CALIFORNIA STATE UNIVERSITY FRESNO       | Bridges to Doctorate Program between Fresno State and UC Davis   | KRISHNAN, VISWANATHAN V    | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,053,900 | \$1,053,900 | \$847,809 | \$57,018  |
| 3,509 | F32AI183654 | 1F32AI183654-01   | UNIVERSITY OF PENNSYLVANIA               | Interrogating the molecular architecture of the Cryptosporidium host-parasite interface  | COHEN, ALLISON             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$73,828    | \$73,828    | \$54,544  | \$73,828  |
| 3,510 | F31HL174150 | 1F31HL174150-01   | UNIVERSITY OF SOUTH FLORIDA              | Plasminogen Activator Pathway in Lymphatic Malformations   | MASTROGIACOMO, DIANDRA     | Awarded. Fellowships only     | 2024/08/16 | 2026/08/15 | \$39,186    | \$39,186    | \$4,820   | \$39,186  |
| 3,511 | F30AG074640 | 5F30AG074640-03   | AUGUSTA UNIVERSITY                       | Role of Histone Deacetylase 9 (HDAC9) in adipose tissue aging: mitochondrial function, oxidative stress and senescence                   | GOO, BRANDEE               | Awarded. Fellowships only     | 2022/08/15 | 2025/08/14 | \$158,420   | \$158,420   | \$143,224 | \$53,974  |
| 3,512 | F32AI183748 | 1F32AI183748-01   | CARNEGIE INSTITUTION OF WASHINGTON, D.C. | Coordinated growth in microbial communities and implications for antibiotic sensitivities  | SCHEFFLER, ROBERT JOHN     | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$76,756    | \$76,756    | \$34,563  | \$76,756  |
| 3,513 | F31CA261061 | 5F31CA261061-04   | WEILL MEDICAL COLL OF CORNELL UNIV       | Interrogating the role of mutant KRAS allelic imbalance and co-mutated genes in targeted therapy response of NSCLC                       | DIAZ, BIANCA               | Awarded. Fellowships only     | 2021/08/09 | 2025/08/08 | \$189,456   | \$189,456   | \$182,401 | \$48,974  |
| 3,514 | F30MH131254 | 5F30MH131254-03   | MAYO CLINIC ROCHESTER                    | Elucidating the neurochemical basis of LTP induction and maintenance in vivo   | GOYAL, ABHINAV             | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$144,020   | \$144,020   | \$123,530 | \$49,174  |
| 3,515 | F31HD112115 | 1F31HD112115-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | NXF2-mediated RNA transport in the male germline   | LAWSON, ANN MARIE          | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,545    | \$42,545    | \$33,800  | \$42,545  |
| 3,516 | F31NR021242 | 1F31NR021242-01   | UNIVERSITY OF PENNSYLVANIA               | Sepsis Patient Education: Perspectives from Home Health Nurses and Knowledge among Sepsis Survivors                                      | SANG, ELAINE               | Awarded. Fellowships only     | 2024/08/28 | 2026/07/27 | \$48,974    | \$48,974    | \$39,203  | \$48,974  |
| 3,517 | F31DK139738 | 1F31DK139738-01   | UNIVERSITY OF UTAH                       | Investigation of the preadipocyte primary cilia signalosome  | LEE, MARK DAVID            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$40,207    | \$40,207    | \$34,549  | \$40,207  |
| 3,518 | F31CA291031 | 1F31CA291031-01   | UNIVERSITY OF UTAH                       | Investigating the role of FOXA1/2 and HNF4α in Pancreatic ductal adenocarcinoma  | ORELLANA, WALTER ALEXANDER | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$42,250    | \$42,250    | \$20,610  | \$42,250  |
| 3,519 | F31AA031620 | 1F31AA031620-01   | RUTGERS, THE STATE UNIV OF N.J.          | Vascular Reactivity to Compounding Stressors across the Blood Alcohol Curve: Interactions with Chronic Drinking and Polysubstance Use    | MUZUMDAR, NEEL             | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$39,498    | \$39,498    | \$39,498  | \$39,498  |
| 3,520 | F31CA284881 | 5F31CA284881-02   | UNIVERSITY OF CALIFORNIA BERKELEY        | Mechanism of Lupus La:miR-122 ribonucleoprotein sorting into breast cancer-derived exosomes  | NGO, JORDAN MATTHEW        | Awarded. Fellowships only     | 2023/07/18 | 2025/07/17 | \$89,933    | \$89,933    | \$80,525  | \$45,730  |
| 3,521 | F31CA278581 | 5F31CA278581-02   | SALK INSTITUTE FOR BIOLOGICAL STUDIES    | Mitochondrial Regulation of Interferon Response in Melanoma  | JOHNSON, MELISSA           | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$82,312    | \$82,312    | \$56,800  | \$41,796  |
| 3,522 | T34GM142609 | 5T34GM142609-04   | KANSAS STATE UNIVERSITY                  | Bridges to the Baccalaureate Research Training Program at Kansas State University  | BEHNKE, BRAD J             | Awarded. Non-fellowships only | 2021/08/19 | 2026/07/31 | \$1,106,566 | \$1,106,566 | \$534,763 | \$277,251 |
| 3,523 | F31HL170715 | 1F31HL170715-01A1 | STANFORD UNIVERSITY                      | A quantitative framework for measuring the coordination of central and peripheral body clocks in humans in the real world                | WEED, LARA                 | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$26,806  | \$48,974  |
| 3,524 | F30DK137445 | 1F30DK137445-01A1 | UNIVERSITY OF MINNESOTA                  | Quantification of Iron Oxide Nanoparticles in Cryopreserved Kidneys with Longitudinally Detected Electron Paramagnetic Resonance         | KANTESARIA, SAURIN         | Awarded. Fellowships only     | 2024/09/01 | 2027/11/30 | \$42,943    | \$42,943    | \$26,760  | \$42,943  |

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|-------|-------------|-------------------|--|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 3,525 | F30AG084304 | 1F30AG084304-01A1 | INDIANA UNIVERSITY INDIANAPOLIS          | Investigating the role of the fractalkine axis in Alzheimers Disease pathology using human induced pluripotent stem cells   | TUTROW, KAYLEE             | Awarded. Fellowships only     | 2024/05/27 | 2027/05/26 | \$82,042    | \$82,042    | \$32,875  | \$38,692  |
| 3,526 | T32AI007051 | 5T32AI007051-47   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Immunologic Diseases and Basic Immunology   | HARRINGTON, LAURIE ELLEN   | Awarded. Non-fellowships only | 1976/07/24 | 2028/07/31 | \$1,153,631 | \$1,153,631 | \$777,900 | \$595,897 |
| 3,527 | T34GM150452 | 5T34GM150452-02   | CALIFORNIA STATE UNIVERSITY SAN MARCOS   | North County San Diego Bridges to the Baccalaureate Program   | BROWN, TRACEY K            | Awarded. Non-fellowships only | 2023/08/02 | 2028/07/31 | \$565,440   | \$565,440   | \$434,157 | \$281,348 |
| 3,528 | F30DK126330 | 5F30DK126330-05   | STATE UNIVERSITY OF NEW YORK AT BUFFALO  | Investigating the role of NBCE1-B in renal and cardiac acid-base handling   | BRADY, CLAYTON TIMOTHY     | Awarded. Fellowships only     | 2020/08/07 | 2025/08/06 | \$211,551   | \$211,551   | \$191,461 | \$53,974  |
| 3,529 | F30MD019520 | 1F30MD019520-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | An Exploration of the Intergenerational Persistence of Health and Social Status Contributing to Racial Disparities in Birth Outcomes in South Carolina                            | KAPPELMAN, ABIGAIL LEONA   | Awarded. Fellowships only     | 2024/06/01 | 2028/05/31 | \$38,172    | \$38,172    | \$38,172  | \$38,172  |
| 3,530 | F31AG079616 | 5F31AG079616-03   | WEILL MEDICAL COLL OF CORNELL UNIV       | Effects of TDP-43 Pathology on Innate Antiviral Mechanisms in Neurodegenerative Disease   | JACKVONY, STEPHANIE        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$131,719 | \$48,974  |
| 3,531 | F31HG013609 | 1F31HG013609-01   | HARVARD MEDICAL SCHOOL                   | Robust and scalable Bayesian analysis tools for single cell CRISPR screens with sequencing- and imaging-based readouts  | BLAINE, LOGAN              | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$43,203    | \$43,203    | \$31,952  | \$43,203  |
| 3,532 | F30HD115314 | 1F30HD115314-01   | UNIVERSITY OF ARIZONA                    | Imaging the Uterotubal Junction for Endometriosis Detection   | LONG, DILARA               | Awarded. Fellowships only     | 2024/06/03 | 2028/06/02 | \$41,607    | \$41,607    | \$40,071  | \$41,607  |
| 3,533 | F31CA290730 | 1F31CA290730-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Prehabilitation Exercise Training in Multiple Myeloma Patients Undergoing Autologous Stem Cell Transplantation  | NORMANN, AMBER             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$38,648    | \$38,648    | \$19,181  | \$38,648  |
| 3,534 | T32EB031527 | 5T32EB031527-04   | NORTHWESTERN UNIVERSITY                  | Regenerative Engineering Training Program (RE-Training)   | AMEER, GUILLERMO ANTONIO   | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$822,480   | \$822,480   | \$703,047 | \$200,390 |
| 3,535 | F30HD104313 | 5F30HD104313-04   | WASHINGTON UNIVERSITY                    | Neonatal Functional Connectivity Associated with Callous-Unemotional Behaviors in Preschoolers  | BRENNER, REBECCA           | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$179,324   | \$179,324   | \$139,668 | \$56,974  |
| 3,536 | F32DC021862 | 1F32DC021862-01   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Human Cochlear Masking and Suppression Measured using Dynamic Stimuli   | SALLOOM, WILLIAM           | Awarded. Fellowships only     | 2024/07/01 | 2025/06/30 | \$77,284    | \$77,284    | \$63,970  | \$77,284  |
| 3,537 | F31HL168805 | 5F31HL168805-02   | STATE UNIVERSITY OF NEW YORK AT BUFFALO  | Application of a novel dietary pattern predictive of trimethylamine N-oxide production to examine associations with metabolomic profiles, the gut microbiome, and vascular health | BURNS, KAELYN              | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$80,086    | \$80,086    | \$60,354  | \$40,683  |
| 3,538 | F32MH130027 | 5F32MH130027-03   | UNIVERSITY OF PENNSYLVANIA               | Multimodal dissociation of posterior cingulate cortex contributions to episodic memory  | KOSLOV, SETH RYAN          | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$236,433   | \$236,433   | \$208,465 | \$84,756  |
| 3,539 | F31MH134462 | 5F31MH134462-02   | GEORGE MASON UNIVERSITY                  | A mixed-methods investigation of parental burden and adolescent service use following discharge from psychiatric hospitalization  | HARRIS, KATHERINE MAULTSBY | Awarded. Fellowships only     | 2023/08/20 | 2025/08/19 | \$74,888    | \$74,888    | \$59,816  | \$35,529  |
| 3,540 | F31GM150235 | 1F31GM150235-01A1 | NEW YORK UNIVERSITY                      | Understanding Hox epigenetic memory formation during motor neuron differentiation   | RAGIPANI, BHAVANA          | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$21,356  | \$48,974  |
| 3,541 | F31AI179435 | 5F31AI179435-02   | JOHNS HOPKINS UNIVERSITY                 | Quantifying the frequency and diversity of spliced HBV mRNAs in HIV-HBV co-infection and their role in modulating viral transcription and host immune responses                   | GRUDDA, TANNER             | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$96,668    | \$96,668    | \$90,981  | \$48,974  |
| 3,542 | F31DE033886 | 1F31DE033886-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Investigating Interactions Between Phosphorylated Amelogenin and Acid Phosphatase 4 Expression  | VASQUEZ, BRENT PRESTON     | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$54,774    | \$54,774    | \$27,921  | \$54,774  |
| 3,543 | F32EY034013 | 5F32EY034013-02   | DUKE UNIVERSITY                          | Dissecting cholinergic modulation of interneurons underlying state-dependent processing in mouse visual cortex  | CAMMARATA, CELINE          | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$146,256   | \$146,256   | \$125,717 | \$76,756  |

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|-------|-------------|-------------------|--|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,544 | T32HL007574 | 5T32HL007574-43   | BOSTON CHILDREN'S HOSPITAL                 | Pathophysiology of Human Blood Cells  | WILLIAMS, DAVID A            | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$4,050,627 | \$4,050,627 | \$4,100,694 | \$861,806 |
| 3,545 | T32CA059366 | 5T32CA059366-29   | CASE WESTERN RESERVE UNIVERSITY            | Cancer Biology Training Grant   | JACKSON, MARK W              | Awarded. Non-fellowships only | 1993/06/01 | 2026/06/30 | \$988,869   | \$988,869   | \$875,331   | \$285,554 |
| 3,546 | T32TR004545 | 5T32TR004545-02   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER    | CTSA Predoctoral T32 at The University of Texas Health Science Center at San Antonio  | CHUN, YONG-HEE PATRICIA      | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$550,409   | \$550,409   | \$393,578   | \$274,584 |
| 3,547 | T32HG008341 | 5T32HG008341-09   | VANDERBILT UNIVERSITY MEDICAL CENTER       | VGM: Vanderbilt Genomic Medicine Training Program   | PETERSON, JOSEPH F           | Awarded. Non-fellowships only | 2016/07/27 | 2026/06/30 | \$716,722   | \$716,722   | \$842,279   | \$33,126  |
| 3,548 | F32AI178920 | 1F32AI178920-01A1 | UNIVERSITY OF WASHINGTON                   | Viruses Hijack Innate Immune Peptides to Enhance Infection  | HULCE, KAITLIN ROSE          | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$74,284    | \$74,284    | \$58,154    | \$74,284  |
| 3,549 | F31AG084303 | 1F31AG084303-01A1 | UNIVERSITY OF WISCONSIN-MADISON            | In vitro nonhuman primate model of frontotemporal dementia  | COLWELL, JULIA CLAIRE        | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$37,415    | \$37,415    | \$19,863    | \$37,415  |
| 3,550 | F31NS132447 | 5F31NS132447-02   | UNIVERSITY OF CALIFORNIA-IRVINE            | Imaging progressive circuit reorganization after traumatic brain injury   | TIERNO, ALEXA MARIE          | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$87,555    | \$87,555    | \$80,499    | \$44,751  |
| 3,551 | F31HL170551 | 5F31HL170551-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA       | The role of BHLHB2 in Scleroderma-Associated Lung Fibrosis  | ADEWALE, ADEGBOYEGA TIMOTHY  | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$105,980   | \$105,980   | \$51,196    | \$53,880  |
| 3,552 | F31AR082294 | 5F31AR082294-02   | WASHINGTON UNIVERSITY                      | Modulation of MicroRNAs to Engineer a Layered Osteochondral Tissue Construct  | BELL-HENSLEY, AUSTIN PATRICK | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$45,053    | \$45,053    | \$31,041    | \$0       |
| 3,553 | T32TR004520 | 5T32TR004520-02   | CASE WESTERN RESERVE UNIVERSITY            | Clinical and Translational Science Collaborative of Northern Ohio, CTSA Postdoctoral T32 at Case Western Reserve University | SPILSBURY, JAMES             | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$705,327   | \$705,327   | \$237,925   | \$361,379 |
| 3,554 | T32CA112355 | 5T32CA112355-19   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | Training in the Molecular & Genetic Epidemiology of Cancer  | CHENG, IONA C                | Awarded. Non-fellowships only | 2004/12/01 | 2026/06/30 | \$1,776,011 | \$1,776,011 | \$1,267,534 | \$342,945 |
| 3,555 | FM1AR085543 | 1FM1AR085543-01   | UNIVERSITY OF CALIFORNIA AT DAVIS          | MSPP NIH MD/PhD Funding Application   | MCMAHON, MOIRA MEI           | Awarded. Fellowships only     | 2024/09/19 | 2028/06/30 | \$53,974    | \$53,974    | \$44,520    | \$53,974  |
| 3,556 | T32HL105323 | 5T32HL105323-14   | COLUMBIA UNIVERSITY HEALTH SCIENCES        | The Columbia University Training Program in Lung Science  | BHATTACHARYA, JAHAR          | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,432,581 | \$1,432,581 | \$1,071,208 | \$309,544 |
| 3,557 | T32AA013525 | 5T32AA013525-23   | SAN DIEGO STATE UNIVERSITY                 | Alcohol Research in the Science/Practitioner Model  | RILEY, EDWARD P              | Awarded. Non-fellowships only | 2002/08/01 | 2027/07/31 | \$1,421,632 | \$1,421,632 | \$1,150,614 | \$539,629 |
| 3,558 | F30AI169967 | 5F30AI169967-02   | UNIVERSITY OF WISCONSIN-MADISON            | Differential regulation of three DMSO reductases during enteric salmonellosis   | CRUZ, EDDY                   | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$78,249    | \$78,249    | \$78,045    | \$38,466  |
| 3,559 | T32DK120521 | 5T32DK120521-05   | UNIVERSITY OF COLORADO DENVER              | Research Training Program in Metabolism, Obesity and Type 2 Diabetes  | BESSESEN, DANIEL HOLLAND     | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,537,854 | \$1,537,854 | \$1,164,654 | \$315,906 |
| 3,560 | F30HL170588 | 5F30HL170588-02   | MEDICAL COLLEGE OF WISCONSIN               | Investigating the Role of Heme in Acute and Chronic Sickle Cell Disease Pain  | ZORN, SAMUEL JOSHUA          | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$100,848   | \$100,848   | \$82,088    | \$51,064  |
| 3,561 | F30AI164818 | 5F30AI164818-04   | UNIV OF NORTH CAROLINA CHAPEL HILL         | The impact of a Hepatitis B birth dose vaccine on HBV immunogenicity and incidence in children in the DRC                   | TULENKO, SAMANTHA            | Awarded. Fellowships only     | 2021/08/01 | 2026/07/31 | \$179,695   | \$179,695   | \$165,933   | \$53,974  |
| 3,562 | T32GM142518 | 5T32GM142518-04   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Bridge to the Doctorate at University of Illinois at Urbana-Champaign   | SONG, JUN S                  | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$1,043,483 | \$1,043,483 | \$506,092   | \$357,805 |
| 3,563 | F31CA274961 | 5F31CA274961-03   | UNIVERSITY OF PENNSYLVANIA                 | Mechanisms of TET2-dependent control of CAR T cell fate determination and antitumor function                                | HOPKINS, CAITLIN ROSEMARY    | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$130,976   | \$130,976   | \$121,415   | \$36,530  |
| 3,564 | T32CA099936 | 5T32CA099936-20   | UNIVERSITY OF MINNESOTA                    | Translational and Genomic Pediatric Cancer Epidemiology Training Grant  | SPECTOR, LOGAN G             | Awarded. Non-fellowships only | 2004/09/30 | 2025/06/30 | \$1,410,293 | \$1,410,293 | \$1,201,776 | \$252,507 |
| 3,565 | T32HL007088 | 5T32HL007088-49   | WASHINGTON UNIVERSITY                      | Pre-and Postgraduate Training in Molecular Hematology   | OH, STEPHEN TRACY            | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$1,743,029 | \$1,743,029 | \$1,658,530 | \$426,287 |
| 3,566 | F31NR020580 | 5F31NR020580-03   | JOHNS HOPKINS UNIVERSITY                   | Parents Adverse and Positive Childhood Experiences and their Parenting Practices in the Context of Neighborhood Safety      | HOPPE, EMILY                 | Awarded. Fellowships only     | 2022/09/01 | 2025/06/30 | \$143,924   | \$143,924   | \$126,518   | \$46,478  |

|       |             |                   |   |   |                               |                               |            |            |             |             |           |           |
|-------|-------------|-------------------|---|---|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 3,567 | T32HL007737 | 5T32HL007737-29   | MEHARRY MEDICAL COLLEGE                 | Research Training in Cardiovascular Biology at Meharry  | MARTIN, PAMELA M              | Awarded. Non-fellowships only | 1993/07/01 | 2026/06/30 | \$793,879   | \$793,879   | \$645,924 | \$203,800 |
| 3,568 | F31DC021388 | 5F31DC021388-02   | UNIVERSITY OF UTAH                      | The role of resident tissue macrophages in cytomegalovirus-associated sensorineural hearing loss                        | OTSUKA, KELLY                 | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$93,058    | \$93,058    | \$58,940  | \$47,169  |
| 3,569 | T32MH073517 | 5T32MH073517-18   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Training the Science of Child Mental Health Treatment   | PIACENTINI, JOHN C            | Awarded. Non-fellowships only | 2006/06/01 | 2027/08/31 | \$1,097,756 | \$1,097,756 | \$604,778 | \$357,320 |
| 3,570 | F32NS138250 | 1F32NS138250-01   | WASHINGTON UNIVERSITY                   | Extracting network-level homeostatic rules for sleep/wake states  | FOSQUE, LEANDRO JONATHAN      | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$73,408    | \$73,408    | \$55,131  | \$73,408  |
| 3,571 | F32NS134617 | 1F32NS134617-01A1 | BROWN UNIVERSITY                        | Circadian Control of the VTA: Neural and BBB Dynamics   | TURNER, KEVIN LAWRENCE        | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$73,828    | \$73,828    | \$50,139  | \$73,828  |
| 3,572 | F30HL168976 | 5F30HL168976-02   | VANDERBILT UNIVERSITY                   | Fair risk profiles and predictive models for outcomes of obstructive sleep apnea through electronic medical record data | BORZA, VICTOR                 | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$67,010    | \$67,010    | \$61,932  | \$34,164  |
| 3,573 | F30MH129086 | 5F30MH129086-02   | DUKE UNIVERSITY                         | Deep Generative Analyses for fMRI data  | DE ALBUQUERQUE, DANIELA FRANK | Awarded. Fellowships only     | 2023/11/01 | 2025/10/31 | \$82,628    | \$82,628    | \$59,115  | \$42,125  |
| 3,574 | F31AA031433 | 5F31AA031433-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Nucleus reunions, chronic ethanol and cognitive deficits  | LINDQUIST, KATHY              | Awarded. Fellowships only     | 2023/09/02 | 2026/09/01 | \$96,668    | \$96,668    | \$78,508  | \$48,974  |
| 3,575 | F32AG071263 | 5F32AG071263-03   | STANFORD UNIVERSITY                     | Utilizing naturalistic virtual environments to assess age-related alterations of attention and episodic memory          | TRAN, TAMMY                   | Awarded. Fellowships only     | 2022/12/10 | 2025/12/09 | \$223,230   | \$223,230   | \$163,168 | \$78,892  |
| 3,576 | F31DE033236 | 5F31DE033236-02   | EAST CAROLINA UNIVERSITY                | Evaluating Velopharyngeal Function During Phonation in Children Utilizing Static MRI                                    | SNODGRASS, TAYLOR             | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$77,094    | \$77,094    | \$49,210  | \$39,267  |
| 3,577 | F31AA031437 | 5F31AA031437-02   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Data-Driven Exploration of Exposomic Influences on the Onset of Alcohol Use During Adolescence                          | ADAMS, FAITH                  | Awarded. Fellowships only     | 2023/09/11 | 2025/09/10 | \$93,468    | \$93,468    | \$58,767  | \$47,374  |
| 3,578 | F31AG077836 | 5F31AG077836-03   | WEILL MEDICAL COLL OF CORNELL UNIV      | Elucidating the Effects of Post-Translational Modifications on Tau Binding to F-actin and PSD95                         | MANCINELLI, CHIARA DIAMANTE   | Awarded. Fellowships only     | 2022/12/19 | 2025/12/18 | \$145,642   | \$145,642   | \$85,741  | \$48,974  |
| 3,579 | F31MH134464 | 5F31MH134464-02   | TUFTS UNIVERSITY BOSTON                 | Role of novel projection-defined basal amygdala subregions in fear memory expression                                    | ZAMUDIO, FRANK                | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$88,173    | \$88,173    | \$77,481  | \$44,729  |
| 3,580 | T32HL116324 | 2T32HL116324-11A1 | BRIGHAM AND WOMEN'S HOSPITAL            | Training Program in Molecular Hematology  | BERLINER, NANCY               | Awarded. Non-fellowships only | 2013/08/01 | 2029/07/31 | \$859,110   | \$859,110   | \$66,906  | \$859,110 |
| 3,581 | T32AI106704 | 2T32AI106704-11   | OHIO STATE UNIVERSITY                   | Advanced research training in immunology for surgery trainees (ARTIST)  | BUMGARDNER, GINNY L           | Awarded. Non-fellowships only | 2014/08/15 | 2029/07/31 | \$418,689   | \$418,689   | \$97,565  | \$418,689 |
| 3,582 | T32AA031818 | 1T32AA031818-01   | GEORGIA STATE UNIVERSITY                | Alcohol Prevention Research on Violence, Equity, and Novel Techniques (A-PREVENT) Training Program                      | GILMORE, AMANDA KATHERINE     | Awarded. Non-fellowships only | 2024/08/15 | 2029/07/31 | \$209,145   | \$209,145   | \$70,069  | \$209,145 |
| 3,583 | F32MH135680 | 5F32MH135680-02   | NEW YORK UNIVERSITY                     | Investigation of Anterior Cingulate Cortex Contributions to Hippocampal Cognitive Control                               | BLAIR, GARRETT                | Awarded. Fellowships only     | 2023/11/01 | 2026/10/31 | \$143,364   | \$143,364   | \$118,075 | \$74,284  |
| 3,584 | F31HL170787 | 5F31HL170787-02   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Study of the Development and Function of the Uterine Lymphatics   | ZHAO, LUPING                  | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$91,596    | \$91,596    | \$45,158  | \$46,438  |
| 3,585 | F31MH135679 | 5F31MH135679-02   | UNIVERSITY OF OREGON                    | Functional role of tachykinin 1-expressing lateral habenula neurons in flexible reward-guided behavior                  | SUZUKI, KANA                  | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$95,967    | \$95,967    | \$86,805  | \$48,852  |
| 3,586 | F31DE032892 | 5F31DE032892-02   | BOSTON UNIVERSITY MEDICAL CAMPUS        | The role of serine metabolism on the evolution of oral squamous cell carcinoma  | JANKOWSKI, STACY              | Awarded. Fellowships only     | 2023/09/12 | 2025/08/31 | \$98,268    | \$98,268    | \$83,749  | \$49,774  |
| 3,587 | T90DA059109 | 5T90DA059109-02   | UNIVERSITY OF CHICAGO                   | Training in Theory and Computation for Next Generation Neuroscientists  | DOIRON, BRENT D               | Awarded. Non-fellowships only | 2023/09/15 | 2028/06/30 | \$438,006   | \$438,006   | \$351,202 | \$222,768 |
| 3,588 | F31DC021631 | 5F31DC021631-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Delineation of auditory-motor population dynamics underlying sensorimotor integration in the birdsong system            | MCPHERSON, TREVOR SUPAN       | Awarded. Fellowships only     | 2023/08/26 | 2026/08/25 | \$81,938    | \$81,938    | \$70,038  | \$41,609  |



|       |             |                 |  |  |                          |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|--|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,589 | T32CA275764 | 5T32CA275764-02 | SLOAN-KETTERING INST CAN RESEARCH        | Oncology-focused Postdoctoral Training in Care Delivery and Symptom Science (OPTICS)   | PANAGEAS, KATHERINE S    | Awarded. Non-fellowships only | 2023/09/15 | 2028/06/30 | \$820,103   | \$820,103   | \$465,474   | \$557,680   |
| 3,590 | F31HG013040 | 5F31HG013040-02 | HARVARD SCHOOL OF PUBLIC HEALTH          | Methods for multi-ancestry and multi-trait fine-mapping and genetic risk prediction  | ROSSEN, JORDAN           | Awarded. Fellowships only     | 2023/09/25 | 2026/06/24 | \$81,034    | \$81,034    | \$66,359    | \$41,157    |
| 3,591 | F30AG082407 | 5F30AG082407-02 | TEMPLE UNIV OF THE COMMONWEALTH          | The Role of MICU3 in Alzheimers Disease Pathogenesis   | COHEN, HENRY             | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$68,179    | \$68,179    | \$58,158    | \$34,755    |
| 3,592 | T34GM137854 | 5T34GM137854-05 | UNIVERSITY OF TEXAS RIO GRANDE VALLEY    | Bridges to the Baccalaureate Research Training Program at The University of Texas Rio Grande Valley                                  | CHEW, SUE ANNE           | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,935,186 | \$1,935,186 | \$1,656,361 | \$272,806   |
| 3,593 | T35HL120835 | 5T35HL120835-10 | LOYOLA UNIVERSITY CHICAGO                | Basic and Clinical Research Training for Medical Students  | ZELEZNIK-LE, NANCY J     | Awarded. Non-fellowships only | 2014/12/01 | 2025/08/31 | \$324,708   | \$324,708   | \$254,290   | \$61,184    |
| 3,594 | F30CA265234 | 5F30CA265234-04 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Real-Time Bronchoscope Localization Using Machine Learning To Improve Lung Cancer Diagnosis  | FRIED, INBAR             | Awarded. Fellowships only     | 2021/09/01 | 2026/05/31 | \$175,452   | \$175,452   | \$156,444   | \$53,788    |
| 3,595 | T32GM007454 | 5T32GM007454-48 | UNIVERSITY OF WASHINGTON                 | Medical Genetics Postdoctoral Fellowship   | HISAMA, FUKI MARIE       | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$1,002,488 | \$1,002,488 | \$679,261   | \$350,360   |
| 3,596 | F30DK132814 | 5F30DK132814-03 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Response of kidney resident macrophages to proximal tubule injury  | CHEUNG, MATTHEW DAVID    | Awarded. Fellowships only     | 2022/09/01 | 2026/02/28 | \$139,914   | \$139,914   | \$108,792   | \$53,936    |
| 3,597 | T32CA057712 | 5T32CA057712-32 | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Cancer Prevention and Control Research Training and Career Development Program   | FERNANDEZ, MARIA EULALIA | Awarded. Non-fellowships only | 1992/09/18 | 2028/08/31 | \$672,909   | \$672,909   | \$469,938   | \$372,824   |
| 3,598 | F31NS129271 | 5F31NS129271-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | The classical complement system in post-traumatic thalamic neuroinflammation   | NECULA, DEANNA           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$119,987   | \$119,987   | \$98,447    | \$41,163    |
| 3,599 | F31DK137390 | 5F31DK137390-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Mechanisms of action for dorsomedial hypothalamic Lepr-Glp1r neurons that control feeding and energy balance                         | DUENSING, ALLISON        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,008    | \$96,008    | \$87,146    | \$48,644    |
| 3,600 | T32GM139776 | 5T32GM139776-04 | UNIVERSITY OF IOWA                       | Medical Scientist Training Program   | BUCHANAN, GORDON F       | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$4,322,583 | \$4,322,583 | \$3,675,439 | \$1,078,847 |
| 3,601 | F31DK128991 | 5F31DK128991-04 | UNIVERSITY OF FLORIDA                    | Engineering a dynamic three-dimensional in vitro platform for the investigation of human Type 1 Diabetes immunopathogenesis          | SAMOJLIK, MAGDALENA M    | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$166,212   | \$166,212   | \$148,797   | \$43,163    |
| 3,602 | F32NS127946 | 5F32NS127946-03 | SEATTLE CHILDREN'S HOSPITAL              | Defining the cell type-specific role of miR-9-2 in telencephalon development   | FREGOSO, SANTIAGO P      | Awarded. Fellowships only     | 2022/09/06 | 2025/09/05 | \$229,938   | \$229,938   | \$175,977   | \$81,364    |
| 3,603 | T32AG073088 | 5T32AG073088-04 | UNIVERSITY OF CALIFORNIA-IRVINE          | Training in Translational ADRD Neuroscience (TITAN)  | GRILL, JOSHUA            | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$1,446,618 | \$1,446,618 | \$1,068,484 | \$387,317   |
| 3,604 | F31CA278353 | 5F31CA278353-02 | RESEARCH INST NATIONWIDE CHILDREN'S HOSP | Mechanisms of Synergy between Oncolytic Herpes Simplex Virus and Trabectedin in Pediatric Bone Sarcomas                              | RINGWALT, EMILY          | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$73,106    | \$73,106    | \$51,986    | \$37,193    |
| 3,605 | F31CA288029 | 5F31CA288029-02 | ROSWELL PARK CANCER INSTITUTE CORP       | Examining the impact of laboratory housing temperature on murine CD28 and the response to anti-PD-1                                  | JAMES, CAITLIN M         | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$69,304    | \$69,304    | \$56,408    | \$36,792    |
| 3,606 | F31AR081685 | 5F31AR081685-03 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Targeting keratinocyte cholesterol metabolism to reveal novel mechanisms for treating inflammatory skin disease                      | TRUJILLO, JACQUELYN      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$139,911   | \$139,911   | \$129,955   | \$45,465    |
| 3,607 | T32GM139784 | 5T32GM139784-04 | OHIO STATE UNIVERSITY                    | Medical Scientist Training Program - The Ohio State University   | MALLAMPALLI, RAMA K      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,600,667 | \$3,600,667 | \$2,659,182 | \$987,338   |
| 3,608 | F31DC021619 | 5F31DC021619-02 | UNIVERSITY OF HOUSTON                    | The Role of Interlocutor Behavior on Code Switching Patterns in Bilingual Children with and without Developmental Language Disorders | HERNANDEZ, MICHELLE      | Awarded. Fellowships only     | 2023/08/21 | 2026/08/20 | \$72,798    | \$72,798    | \$54,863    | \$37,039    |
| 3,609 | F31EY034794 | 5F31EY034794-02 | UNIVERSITY OF COLORADO DENVER            | In The Loop: Investigating Enhancer-Mediated Regulation of OTX2 During Retinal Development   | PURVIS, IAN J            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$76,129    | \$76,129    | \$60,322    | \$37,272    |



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|-------|-------------|-----------------|--|---|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,610 | F32AG079615 | 5F32AG079615-03 | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Neuropsychological Profiles and Risk for Dementia-Related Disease in Mothers of Children with Autism Spectrum Disorder              | FRIEDMAN, LAURA ANNE             | Awarded. Fellowships only     | 2022/08/22 | 2025/08/21 | \$223,450   | \$223,450   | \$157,821   | \$79,516  |
| 3,611 | T32CA260293 | 5T32CA260293-03 | WEILL MEDICAL COLL OF CORNELL UNIV       | Next-Gen Oncopathology Program  | CESARMAN, ETHEL                  | Awarded. Non-fellowships only | 2022/09/01 | 2027/08/31 | \$889,693   | \$889,693   | \$420,868   | \$354,055 |
| 3,612 | F31MH134579 | 5F31MH134579-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Brain-based biomarkers of restricted and repetitive behaviors in toddlers at risk for autism  | KUPIS, LAUREN                    | Awarded. Fellowships only     | 2023/08/10 | 2025/08/09 | \$80,654    | \$80,654    | \$42,350    | \$40,967  |
| 3,613 | F31DC021363 | 5F31DC021363-02 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Learning-induced changes in distinct auditory cortical cell-types   | SCHNEIDER, NATHAN A              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$84,260    | \$48,974  |
| 3,614 | F31AG081045 | 5F31AG081045-02 | UNIVERSITY OF VIRGINIA                   | The contribution of semantic bias to false memory in healthy aging  | MOORE, ISABELLE LORRAINE         | Awarded. Fellowships only     | 2023/08/14 | 2025/08/13 | \$77,105    | \$77,105    | \$66,539    | \$39,314  |
| 3,615 | T32DA037801 | 2T32DA037801-11 | COLUMBIA UNIV NEW YORK MORNINGSIDE       | Training Program on HIV and Substance Use in the Criminal Justice System  | EL-BASSEL, NABILA                | Awarded. Non-fellowships only | 2014/07/01 | 2029/06/30 | \$557,156   | \$557,156   | \$250,244   | \$557,156 |
| 3,616 | F30AG084271 | 5F30AG084271-02 | WASHINGTON UNIVERSITY                    | The role of wake-associated protein kinase A transients in intrinsic plasticity and learning through aging                          | TILDEN, ELIZABETH                | Awarded. Fellowships only     | 2023/09/01 | 2028/08/31 | \$68,572    | \$68,572    | \$56,055    | \$34,926  |
| 3,617 | F32GM147934 | 5F32GM147934-03 | UNIVERSITY OF COLORADO                   | Biophysical interrogation of the RNA-mediated mechanisms regulating Polycomb Repressive Complex 2 activity                          | HEMPHILL, WAYNE OLIVER           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$213,430   | \$213,430   | \$171,954   | \$76,756  |
| 3,618 | T32AG033534 | 5T32AG033534-15 | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Translational Training in Aging and Alzheimer's Disease Related Disorders   | KRITCHEVSKY, STEPHEN B           | Awarded. Non-fellowships only | 2009/05/01 | 2027/08/31 | \$1,139,247 | \$1,139,247 | \$777,674   | \$319,349 |
| 3,619 | F31DK137443 | 5F31DK137443-02 | UNIVERSITY OF PENNSYLVANIA               | Role of glucagon-like peptide-1 signaling in mediating sensory-specific satiety   | APPLEBEY, SARAH                  | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$84,264    | \$48,974  |
| 3,620 | F32HD112084 | 5F32HD112084-02 | MASSACHUSETTS GENERAL HOSPITAL           | Comprehensive and non-invasive prenatal screening of coding variation   | DUYZEND, MICHAEL H               | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$167,404   | \$167,404   | \$123,812   | \$87,892  |
| 3,621 | F31NS134380 | 5F31NS134380-02 | EMORY UNIVERSITY                         | Elucidating the mechanisms of Orb2 mediated neural stem cell asymmetry and division   | BUEHLER, JOSEPH                  | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$70,989    | \$48,974  |
| 3,622 | T32HL125239 | 5T32HL125239-10 | JOHNS HOPKINS UNIVERSITY                 | Training for Clinician Scientists in Pediatric Critical Cardiopulmonary Disease   | EVERETT, ALLEN D                 | Awarded. Non-fellowships only | 2015/02/01 | 2025/07/31 | \$1,565,272 | \$1,565,272 | \$1,443,323 | \$183,995 |
| 3,623 | F31MH133306 | 5F31MH133306-02 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Machine Learning for Analyzing State Dependent Neuronal Network Dynamics  | CARBONERO, DANIEL DAVID          | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$81,102    | \$81,102    | \$53,551    | \$41,317  |
| 3,624 | F31AA030457 | 5F31AA030457-03 | UNIVERSITY OF WASHINGTON                 | A Field Study Examining the Effects of Alcohol, Bar Environment & Beliefs on Sexual Misperception, a Precursor to Sexual Aggression | SMITH, LAUREN MICHELLE           | Awarded. Fellowships only     | 2022/09/16 | 2025/09/15 | \$143,420   | \$143,420   | \$109,922   | \$48,974  |
| 3,625 | F31AI174784 | 5F31AI174784-02 | CLEVELAND CLINIC LERNER COM-CWRU         | Host and microbe-dependent mechanisms of enhanced autoimmune susceptibility driven by checkpoint inhibitors                         | SALAZAR, VANESSA                 | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$106,668   | \$106,668   | \$49,083    | \$53,974  |
| 3,626 | T32CA128583 | 5T32CA128583-18 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Research Training in Childhood Cancer   | SWEET-CORDERO, ERIC ALEJANDRO    | Awarded. Non-fellowships only | 2007/07/01 | 2027/08/31 | \$1,149,544 | \$1,149,544 | \$806,150   | \$410,448 |
| 3,627 | F30HL167564 | 5F30HL167564-02 | UNIVERSITY OF MINNESOTA                  | Evaluating the Mechanisms of Afferent Renal Nerve Ablation as a Treatment for Hypertension  | DE LA CRUZ-LYNCH, ARTHUR TRENTON | Awarded. Fellowships only     | 2023/09/01 | 2026/02/28 | \$89,200    | \$89,200    | \$55,686    | \$49,324  |
| 3,628 | F31HL170645 | 5F31HL170645-02 | UNIVERSITY OF COLORADO DENVER            | Pericyte KATP channel hyperactivity in cerebral small vessel disease  | JEFFREY, DANIELLE A              | Awarded. Fellowships only     | 2023/07/16 | 2026/07/15 | \$79,524    | \$79,524    | \$63,263    | \$40,402  |
| 3,629 | F31HD113207 | 5F31HD113207-02 | DUKE UNIVERSITY                          | Examining the role of immune activation in transposon-triggered sterility.  | STARK, KARA MICHELLE             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$82,197    | \$82,197    | \$68,289    | \$41,910  |
| 3,630 | T32EB003383 | 5T32EB003383-18 | JOHNS HOPKINS UNIVERSITY                 | Training Program in Neuroengineering  | THAKOR, NITISH VYOMESH           | Awarded. Non-fellowships only | 2004/05/01 | 2027/06/30 | \$956,034   | \$956,034   | \$836,261   | \$331,755 |
| 3,631 | F31MH138084 | 1F31MH138084-01 | DARTMOUTH COLLEGE                        | Neural mechanisms of interpretation shifting and memory formation in ambiguous social contexts                                      | SAVA-SEGAL, CLARA                | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974    | \$48,974    | \$40,043    | \$48,974  |

|       |             |                   |   |  |                        |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,632 | F32HL170556 | 5F32HL170556-02   | BRIGHAM AND WOMEN'S HOSPITAL            | Oral mRNA Nanotherapy for Bleeding Disorder  | HAN, XIANGFEI          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$146,256   | \$146,256   | \$114,881   | \$76,756  |
| 3,633 | F31CA278582 | 5F31CA278582-02   | CEDARS-SINAI MEDICAL CENTER             | The non-canonical Collagen I-DDR1 signaling regulating protein synthesis during metastasis   | ALONZO, MARK E         | Awarded. Fellowships only     | 2023/12/22 | 2026/12/21 | \$82,588    | \$82,588    | \$0         | \$41,294  |
| 3,634 | F32EY034772 | 5F32EY034772-03   | DUKE UNIVERSITY                         | Probing D2 and 5HT-2A mechanisms in early visual processing in V1  | GALVIN, VERONICA       | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$225,148   | \$225,148   | \$170,932   | \$78,892  |
| 3,635 | F30HL170694 | 5F30HL170694-02   | SAINT LOUIS UNIVERSITY                  | The Role of Plasmalogen Mitochondrial and Endothelial Antioxidant Properties in Sepsis   | MCGUFFEE, REAGAN       | Awarded. Fellowships only     | 2023/09/30 | 2027/09/29 | \$106,668   | \$106,668   | \$48,821    | \$53,974  |
| 3,636 | F31AI177258 | 5F31AI177258-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Single-Cell Multi-Omic Analysis of Cell Differentiation in HIV Infection   | LI, CHEN               | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$85,150    | \$85,150    | \$62,463    | \$42,809  |
| 3,637 | F31HD114472 | 1F31HD114472-01A1 | STATE UNIVERSITY OF NEW YORK AT ALBANY  | Understanding the Intergenerational Transmission of Risk in Black Mother-Infant Dyads: Postpartum Depression, Physiological Synchrony, and Infant Regulatory Development | ARMAH, ANNABELLE       | Awarded. Fellowships only     | 2024/07/29 | 2025/07/28 | \$34,436    | \$34,436    | \$23,386    | \$34,436  |
| 3,638 | F31DA060010 | 1F31DA060010-01A1 | UNIVERSITY OF RHODE ISLAND              | Treatment Utilization During Community Reentry of Opioid Use Disorder Inpatients   | NEWBERGER, NOAM        | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$40,759    | \$48,974  |
| 3,639 | F31DK139734 | 1F31DK139734-01A1 | UNIVERSITY OF CALIFORNIA AT DAVIS       | A novel role for 14-3-3-ζ in regulating islet cell crosstalk   | SHISHANI, RAHAF        | Awarded. Fellowships only     | 2024/07/15 | 2027/07/14 | \$41,972    | \$41,972    | \$34,916    | \$41,972  |
| 3,640 | F31MD019996 | 1F31MD019996-01   | UNIVERSITY OF CALIFORNIA BERKELEY       | Advancing Perinatal Health Equity through a Community-engaged Model of Healthcare Services   | DE ORNELAS, MARIA      | Award terminated              | 2024/08/20 | 2025/07/31 | \$48,974    | \$48,974    | \$35,890    | \$48,974  |
| 3,641 | F30HD110233 | 5F30HD110233-03   | UNIVERSITY OF CALIFORNIA-IRVINE         | Deciphering Mechanisms of Limb Malformations Caused by Noncoding Variants In Vivo  | HOLLINGSWORTH, ETHAN W | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$133,220   | \$133,220   | \$100,474   | \$45,863  |
| 3,642 | F31AI186613 | 1F31AI186613-01   | YALE UNIVERSITY                         | Probing Molecular Mechanisms of Allosteric Inhibition of HIV-1 Reverse Transcriptase   | HOLLANDER, KLARISSA    | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974    | \$48,974    | \$21,481    | \$48,974  |
| 3,643 | F30HD116454 | 1F30HD116454-01   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Helping clinicians address digital information about contraception with adolescents  | SMITH, CAMBRAY         | Awarded. Fellowships only     | 2024/08/21 | 2029/08/20 | \$41,241    | \$41,241    | \$33,576    | \$41,241  |
| 3,644 | F31CA294976 | 1F31CA294976-01   | VIRGINIA POLYTECHNIC INST AND ST UNIV   | Investigating treatment strategies & clinical outcomes of histotripsy for complete ablation of osteosarcoma  | VICKERS, ELLIANA ROSE  | Awarded. Fellowships only     | 2024/07/10 | 2026/07/09 | \$43,782    | \$43,782    | \$34,240    | \$43,782  |
| 3,645 | F31CA294974 | 1F31CA294974-01   | SLOAN-KETTERING INST CAN RESEARCH       | A Mechanoimmunological Basis for Metastatic Site Preference  | ELBANNA, YASSMIN       | Awarded. Fellowships only     | 2024/07/06 | 2027/07/05 | \$48,974    | \$48,974    | \$26,975    | \$48,974  |
| 3,646 | F32AI181488 | 1F32AI181488-01A1 | BROWN UNIVERSITY                        | Defining the molecular mediators of cell morphogenesis in Trypanosoma cruzi  | KEROACK, CAROLINE DANA | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$74,284    | \$74,284    | \$17,458    | \$74,284  |
| 3,647 | T32HL160526 | 5T32HL160526-04   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Cardiothoracic Surgery Research Training Program   | LUKETICH, JAMES D      | Awarded. Non-fellowships only | 2021/12/01 | 2026/11/30 | \$1,241,111 | \$1,241,111 | \$601,598   | \$295,906 |
| 3,648 | F30DA061675 | 1F30DA061675-01   | HARVARD MEDICAL SCHOOL                  | Characterizing dopaminergic systems changing exploratory behavior in hungry animals  | KAMATH, TARUN          | Awarded. Fellowships only     | 2024/07/01 | 2029/06/30 | \$41,656    | \$41,656    | \$36,952    | \$41,656  |
| 3,649 | F31NS139626 | 1F31NS139626-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Determining how a single-residue PKR mutation found in patients with familial dystonia causes aberrant PKR activation  | GERTIE, JAKE ANDERS    | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$48,974    | \$48,974    | \$48,974    | \$48,974  |
| 3,650 | T35DK060444 | 2T35DK060444-21   | UNIVERSITY OF CINCINNATI                | Short-Term Institutional Research Training Grant   | BLACKARD, JASON T      | Awarded. Non-fellowships only | 2002/04/01 | 2029/06/30 | \$97,173    | \$97,173    | \$0         | \$97,173  |
| 3,651 | F31ES036154 | 1F31ES036154-01A1 | PENNSYLVANIA STATE UNIVERSITY, THE      | Nasal uptake of polystyrene nanoplastics into the murine central nervous system  | GREENAWALT, DENVER     | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$35,944    | \$35,944    | \$25,899    | \$35,944  |
| 3,652 | F31CA294972 | 1F31CA294972-01   | EMORY UNIVERSITY                        | Engineering CD4+ T cells to develop a novel immunotherapy for pancreatic cancer  | GEITGEY, DELANEY KATE  | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$33,148    | \$48,974  |
| 3,653 | T32DK007028 | 3T32DK007028-50S1 | MASSACHUSETTS GENERAL HOSPITAL          | Training Program in Endocrinology  | MILLER, KAREN K        | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$4,573,173 | \$4,573,173 | \$4,197,141 | \$97,637  |
| 3,654 | F30DE033613 | 5F30DE033613-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The Molecular Basis of Nasal Pit Morphogenesis and its Role in Upper Lip Formation   | LUCIDO, LUKE DAVID     | Awarded. Fellowships only     | 2023/12/01 | 2027/11/30 | \$93,858    | \$93,858    | \$68,344    | \$48,226  |

|       |             |                   |  |   |                           |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|--|---|---------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 3,655 | F31DA061624 | 1F31DA061624-01   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES | Cravings role in biasing subjective value computation in food addiction   | SCHWEITZER, EMMA          | Awarded. Fellowships only | 2024/07/01 | 2026/06/30 | \$35,523  | \$35,523  | \$27,106  | \$35,523 |
| 3,656 | F30HD116496 | 1F30HD116496-01   | UNIVERSITY OF ILLINOIS AT CHICAGO      | Investigation of Social and Behavioral Drivers of HIV Risk Among South African Adolescent Girls and Young Women   | DEBRA, ALYSSA             | Awarded. Fellowships only | 2024/08/16 | 2028/05/15 | \$48,850  | \$48,850  | \$34,938  | \$48,850 |
| 3,657 | F32HD116654 | 1F32HD116654-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE | Elucidating the Molecular and Functional Diversity of Axial Motor Neurons   | ADAMS, ALEXANDRA A        | Awarded. Fellowships only | 2024/09/10 | 2027/09/09 | \$76,756  | \$76,756  | \$37,828  | \$76,756 |
| 3,658 | F31AI186545 | 1F31AI186545-01   | UNIVERSITY OF LOUISVILLE               | Comprehensive Characterization of LVV Integration and Impact on Host Cell Biology using Novel Genomic Technologies  | KAISER, CATHERINE         | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$35,822  | \$35,822  | \$24,037  | \$35,822 |
| 3,659 | F31HL167596 | 5F31HL167596-03   | CINCINNATI CHILDRENS HOSP MED CTR      | Mucosal Associated Invariant T cells in the Obese-asthma endotype   | CANNATA, ANGELA MARIE     | Awarded. Fellowships only | 2023/01/23 | 2026/01/22 | \$124,465 | \$124,465 | \$68,425  | \$41,915 |
| 3,660 | F31NS131011 | 5F31NS131011-03   | UNIVERSITY OF SOUTHERN CALIFORNIA      | Identifying differences in dynamics and residual structure of intrinsically disordered domains between monomer and fibers: using alpha-synuclein as a model | PACHECO, SAYURI           | Awarded. Fellowships only | 2023/01/19 | 2026/12/31 | \$145,642 | \$145,642 | \$108,614 | \$48,974 |
| 3,661 | F30AI176712 | 5F30AI176712-02   | VANDERBILT UNIVERSITY                  | QTL mapping with Collaborative Cross mice defines genes that promote allergic airway inflammation   | RUSZNAK, MARK             | Awarded. Fellowships only | 2024/01/01 | 2027/12/31 | \$68,328  | \$68,328  | \$43,282  | \$34,164 |
| 3,662 | F31DC021875 | 5F31DC021875-02   | UNIVERSITY OF TEXAS SAN ANTONIO        | Investigating alterations in gustatory neuron innervation and function over the course of chemotherapy treatment  | WOOD, RYAN                | Awarded. Fellowships only | 2024/01/01 | 2026/12/31 | \$81,188  | \$81,188  | \$55,274  | \$40,594 |
| 3,663 | F32AG090054 | 1F32AG090054-01   | EMORY UNIVERSITY                       | A human organoid approach to understanding the role of the locus coeruleus in Alzheimers disease  | TISH, MARGARET            | Awarded. Fellowships only | 2024/09/30 | 2027/09/29 | \$73,828  | \$73,828  | \$28,488  | \$73,828 |
| 3,664 | F32MH135669 | 1F32MH135669-01A1 | BETH ISRAEL DEACONESS MEDICAL CENTER   | A data-driven framework for mapping transcranial electrical stimulation effects on audiovisual integration and hallucinations                               | TROTTI, REBEKAH           | Awarded. Fellowships only | 2024/06/10 | 2026/06/09 | \$73,828  | \$73,828  | \$56,969  | \$73,828 |
| 3,665 | F31NS139676 | 1F31NS139676-01   | DREXEL UNIVERSITY                      | Role of KCC2 in sympathetic dysfunction after spinal cord injury  | WULF, MARIAH J            | Awarded. Fellowships only | 2024/09/01 | 2027/02/28 | \$48,974  | \$48,974  | \$25,455  | \$48,974 |
| 3,666 | F31MH135692 | 1F31MH135692-01A1 | TRUSTEES OF INDIANA UNIVERSITY         | Racial Disparities in the Expression of Paranoia  | WOLNY, J PAIGE            | Awarded. Fellowships only | 2024/07/26 | 2026/07/25 | \$48,974  | \$48,974  | \$47,470  | \$48,974 |
| 3,667 | F31HD116597 | 1F31HD116597-01   | UNIVERSITY OF PENNSYLVANIA             | Leveraging Robot-Based Haptic Dyads to Improve Community-Based Stroke Rehabilitation  | WATERS, ERICA             | Awarded. Fellowships only | 2024/09/01 | 2028/08/31 | \$48,974  | \$48,974  | \$39,228  | \$48,974 |
| 3,668 | F31NS135993 | 5F31NS135993-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES   | Post-Stroke Neurovascular Function and Repair within a Porous Hydrogel  | RATHBUN, ELLE MAI         | Awarded. Fellowships only | 2024/01/01 | 2026/12/31 | \$89,532  | \$89,532  | \$65,333  | \$44,766 |
| 3,669 | F30HD113217 | 5F30HD113217-02   | UNIVERSITY OF WASHINGTON               | Uncovering Nodal signaling and transcription factor interactions in somitic mesoderm development using single-cell deep learning methods                    | MULLEN, ANDREW CARTER     | Awarded. Fellowships only | 2023/08/16 | 2026/12/31 | \$96,488  | \$96,488  | \$90,269  | \$51,149 |
| 3,670 | F32AI186447 | 1F32AI186447-01   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL  | Mucin inhibits pneumococcal stationary phase autolysis  | JOHNSON, CYDNEY N         | Awarded. Fellowships only | 2024/08/01 | 2025/09/30 | \$73,828  | \$73,828  | \$47,579  | \$73,828 |
| 3,671 | F30DK139739 | 1F30DK139739-01A1 | PRINCETON UNIVERSITY                   | Dissecting the effect of diet on gut microbiome metabolism  | ABUSALIM, JENNA           | Awarded. Fellowships only | 2024/12/16 | 2028/12/15 | \$32,974  | \$32,974  | \$0       | \$32,974 |
| 3,672 | F31AG090071 | 1F31AG090071-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES    | The impact of Alzheimers disease on novel genetic signatures of hippocampal memory traces   | BULTHUIS, NICHOLAS EDWARD | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$44,270  | \$48,974 |
| 3,673 | F30AG090044 | 1F30AG090044-01   | UPSTATE MEDICAL UNIVERSITY             | Advancing Alzheimers Diagnosis: MRI-Based Predictive Modeling of Alzheimer's Disease Molecular Subtypes   | MIKHAILOVA, TATIANA       | Awarded. Fellowships only | 2024/09/01 | 2028/08/31 | \$53,974  | \$53,974  | \$20,218  | \$53,974 |
| 3,674 | F31DA061618 | 1F31DA061618-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO    | Traumatic Brain Injury, Mental Health Functioning, and Substance Misuse Among Youth from the ABCD Cohort.   | DELFEL, EVERETT LEE       | Awarded. Fellowships only | 2024/09/01 | 2028/08/31 | \$44,401  | \$44,401  | \$20,055  | \$44,401 |

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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,675 | F31HD114456 | 1F31HD114456-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Decoding Repression: Recruitment of epigenetic silencers by RNA binding proteins and long non-coding RNAs                  | ABRASH, ELIZABETH          | Awarded. Fellowships only     | 2024/11/01 | 2026/10/31 | \$40,064    | \$40,064    | \$20,577    | \$40,064  |
| 3,676 | F31AI186661 | 1F31AI186661-01   | STATE UNIVERSITY OF NEW YORK AT BUFFALO  | Understanding the Antiviral Mechanism of MARCH9  | D'ANGELO, MARY ROSE        | Awarded. Fellowships only     | 2024/07/10 | 2027/07/09 | \$36,070    | \$36,070    | \$28,354    | \$36,070  |
| 3,677 | F31AA031920 | 1F31AA031920-01   | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | Therapeutic Targeting of Adult Hippocampal Neurogenesis in a Mouse Model of FASD   | RODRIGUEZ, ARASELY M       | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,639    | \$42,639    | \$22,164    | \$42,639  |
| 3,678 | F32GM151858 | 5F32GM151858-02   | DUKE UNIVERSITY                          | The role of biomolecular condensates in regulating the cytoskeleton.   | GEISTERFER, ZACH           | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$143,364   | \$143,364   | \$98,814    | \$74,284  |
| 3,679 | T32HD098068 | 3T32HD098068-05S1 | BAYLOR COLLEGE OF MEDICINE               | Comprehensive Mechanisms in Reproductive Sciences  | PANGAS, STEPHANIE A        | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$2,051,782 | \$2,051,782 | \$1,714,771 | \$52,352  |
| 3,680 | F31NS130972 | 5F31NS130972-03   | SALK INSTITUTE FOR BIOLOGICAL STUDIES    | Defining the contributions of cerebello-spinal projection neurons to dexterous movement                                    | WILCOX, OREN FAIRLEE       | Awarded. Fellowships only     | 2023/01/04 | 2026/01/03 | \$125,704   | \$125,704   | \$88,653    | \$44,052  |
| 3,681 | F32HL176217 | 1F32HL176217-01   | LSU PENNINGTON BIOMEDICAL RESEARCH CTR   | Examining dietary and metabolomics patterns on cardiometabolic outcome variability in response to calorie restriction      | WOOLF, EMILY KATLYN        | Awarded. Fellowships only     | 2024/08/12 | 2026/08/11 | \$78,328    | \$78,328    | \$40,018    | \$78,328  |
| 3,682 | F32AA031897 | 1F32AA031897-01   | WASHINGTON UNIVERSITY                    | Role of a novel dynorphinergic extended amygdala circuit in pain- and fentanyl abstinence- facilitated alcohol drinking    | CUCINELLO-RAGLAND, JESSICA | Awarded. Fellowships only     | 2024/08/01 | 2026/06/30 | \$79,528    | \$79,528    | \$48,659    | \$79,528  |
| 3,683 | F31AI186499 | 1F31AI186499-01   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Characterization of a sensor domain for cytoplasmic nucleic acid in the antiviral factor, SAMD9                            | MORALES, MARISOL           | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$38,314    | \$38,314    | \$18,766    | \$38,314  |
| 3,684 | T32CA254888 | 5T32CA254888-05   | OREGON HEALTH & SCIENCE UNIVERSITY       | Integrated Training in Quantitative and Experimental Cancer Systems Biology  | COUSSENS, LISA M           | Awarded. Non-fellowships only | 2021/02/01 | 2026/01/31 | \$1,783,692 | \$1,783,692 | \$1,294,142 | \$437,710 |
| 3,685 | F31AG087709 | 1F31AG087709-01A1 | UNIVERSITY OF COLORADO                   | Chronic MitoQ Supplementation for Improving Cerebrovascular Function in Older Adults                                       | DARVISH, SANNA             | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$42,030    | \$42,030    | \$28,254    | \$42,030  |
| 3,686 | F30MH135660 | 1F30MH135660-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Functional Genomic Interrogation of Autism Spectrum Disorder Genetic Risk on Microglia-Neuronal Interactions               | HAWKEN, NATALIE            | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$41,308    | \$41,308    | \$18,816    | \$41,308  |
| 3,687 | F32CA278417 | 5F32CA278417-02   | DUKE UNIVERSITY                          | Text-messaging Communication Micro-Intervention for Couples Coping with Advanced GI Cancer                                 | LEO, KARENA                | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$145,635   | \$145,635   | \$118,095   | \$75,208  |
| 3,688 | F32GM155967 | 1F32GM155967-01   | HARVARD MEDICAL SCHOOL                   | Structure and Function of an ADAM10-Tspan5 Complex   | PRICE, OWEN M              | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$74,284    | \$74,284    | \$23,110    | \$74,284  |
| 3,689 | F30CA278357 | 5F30CA278357-02   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE   | Machine Learning and Radiomics Techniques for Analysis of Daily MRI in Glioblastoma Patients                               | CULLISON, KAYLIE           | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$106,668   | \$106,668   | \$88,676    | \$53,974  |
| 3,690 | F30CA294624 | 1F30CA294624-01   | TUFTS UNIVERSITY BOSTON                  | Dissecting the Role of TRPV1 in Triple-Negative Breast Cancer Innervation  | BLOOMER, HANAN CHRISTOPHER | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$44,570    | \$44,570    | \$38,687    | \$44,570  |
| 3,691 | F32DE033566 | 1F32DE033566-01A1 | UNIVERSITY OF CONNECTICUT STORRS         | Diagnose and Differentiate Dental Pain from Stress Using a Wearable Electrodermal Activity Device                          | KONG, YOUNGSUN             | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$80,556    | \$80,556    | \$29,631    | \$80,556  |
| 3,692 | F30EB035471 | 1F30EB035471-01A1 | WAYNE STATE UNIVERSITY                   | Outer sphere tuning of a Eu(III)-containing contrast agent for imaging hypoxia via MRI                                     | BATCHEV, ANDREA            | Awarded. Fellowships only     | 2025/02/01 | 2030/01/31 | \$44,619    | \$44,619    | \$6,611     | \$44,619  |
| 3,693 | F31HL170585 | 1F31HL170585-01A1 | UNIVERSITY OF MINNESOTA                  | Mechanisms of Large Animal RV Dysfunction  | MENDELSON, JENNA BLAIR     | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$35,323    | \$35,323    | \$18,944    | \$35,323  |
| 3,694 | F31HD111293 | 5F31HD111293-02   | UNIVERSITY OF NEBRASKA LINCOLN           | Neurocognitive Mechanisms Linking Early Parent-Child Relationship Quality to Transdiagnostic Psychopathology at School Age | PHILLIPS, ERIC             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$70,528    | \$48,974  |
| 3,695 | F31HL167553 | 5F31HL167553-03   | UNIVERSITY OF CONNECTICUT STORRS         | Contributions of Astrocyte Kir4.1/5.1 Channels to Disordered Breathing in Rett Syndrome                                    | STRAIN, MONICA             | Awarded. Fellowships only     | 2023/01/06 | 2027/01/05 | \$136,702   | \$136,702   | \$121,717   | \$45,994  |

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|-------|-------------|-------------------|---|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 3,696 | F32NS134623 | 5F32NS134623-02   | HARVARD MEDICAL SCHOOL                  | Genomic Mechanisms of BDNF Signaling in the Brain  | GEGENHUBER, JORDAN BRUNO     | Awarded. Fellowships only     | 2024/01/01 | 2026/10/31 | \$151,040   | \$151,040   | \$88,209  | \$76,756  |
| 3,697 | F30CA250244 | 5F30CA250244-04   | OHIO STATE UNIVERSITY                   | Group 1 Innate Lymphoid Cell Dysregulation in Acute Myeloid Leukemia   | LORDO, MATTHEW               | Awarded. Fellowships only     | 2022/01/03 | 2025/12/31 | \$192,758   | \$192,758   | \$173,523 | \$53,974  |
| 3,698 | F31NS130899 | 5F31NS130899-03   | YALE UNIVERSITY                         | Functional Analysis of Pathogenic Human PTEN Variants in Early Neurodevelopment  | CARLSON, MARINA ALISE        | Awarded. Fellowships only     | 2022/12/16 | 2025/10/15 | \$115,682   | \$115,682   | \$76,281  | \$34,024  |
| 3,699 | F31HL175834 | 1F31HL175834-01   | UNIVERSITY OF WASHINGTON                | Implementation determinants and community-based prevention for cardiometabolic disease in Mozambique: a pilot study                    | BRUMWELL, AMANDA             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$47,285    | \$47,285    | \$38,801  | \$47,285  |
| 3,700 | F32GM153100 | 1F32GM153100-01A1 | STANFORD UNIVERSITY                     | Formation and Regulation of Meiotic Crossovers   | UEBEL, CELJA                 | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$77,284    | \$77,284    | \$45,294  | \$74,284  |
| 3,701 | F31DE034305 | 1F31DE034305-01   | JOHNS HOPKINS UNIVERSITY                | Uncovering the Regulatory Mechanisms of the Fork Head Transcription Factor   | LAUGHNER, NATHANIEL          | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$49,774    | \$49,774    | \$45,348  | \$49,774  |
| 3,702 | F30CA288142 | 1F30CA288142-01A1 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | The influence of lymph node metastasis on local and systemic anti-tumor immunity   | VENTRE, KATHERINE            | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$41,614    | \$41,614    | \$28,969  | \$41,614  |
| 3,703 | F30DC020916 | 5F30DC020916-03   | PURDUE UNIVERSITY                       | Place and Time Processing of Pitch in the Context of Cochlear Dysfunction  | SIVAPRAKASAM, ANDREW         | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$160,662   | \$160,662   | \$116,803 | \$53,994  |
| 3,704 | F31CA278371 | 5F31CA278371-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The role of decoy receptor IL-1R2 in Treg biology and anti-tumor immunity  | HABRYLO, IRENEUSZ            | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$106,668   | \$106,668   | \$94,237  | \$53,974  |
| 3,705 | F31HD116426 | 1F31HD116426-01   | JOHNS HOPKINS UNIVERSITY                | Intimate Partner Violence and Depression Trajectories from mid-Adolescence to Young Adulthood  | AKANDE, MORAYO               | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$38,595  | \$48,974  |
| 3,706 | F31EY036691 | 1F31EY036691-01   | UNIVERSITY OF LOUISVILLE                | The Influence of the Pretectum on the Pulvinar Nucleus   | BOONE, HOWARD CHASE          | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$35,822    | \$35,822    | \$7,739   | \$35,822  |
| 3,707 | F31DK141157 | 1F31DK141157-01   | VANDERBILT UNIVERSITY                   | The Role of LIMA1 in the Formation of the Giant Core Actin Bundles in Tuft Cells   | SILVERMAN, JENNIFER          | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$34,314    | \$34,314    | \$24,444  | \$34,314  |
| 3,708 | F31NR020976 | 5F31NR020976-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Sex Differences in Psychosocial and Neurocognitive Outcomes in Adults with Moderate to Complex Congenital Heart Disease                | CABRERA-MINO, CRISTINA       | Awarded. Fellowships only     | 2023/11/15 | 2025/08/14 | \$72,589    | \$72,589    | \$54,159  | \$32,813  |
| 3,709 | F30AI181359 | 1F30AI181359-01A1 | UNIVERSITY OF WASHINGTON                | Characterizing host proteins that restrict Zika virus  | WILLCOX, ALEXANDRA CLAIBORNE | Awarded. Fellowships only     | 2024/08/01 | 2026/01/31 | \$49,802    | \$49,802    | \$40,969  | \$49,802  |
| 3,710 | F31DK138603 | 1F31DK138603-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | A translational approach to interrogate the gut microbiome in sepsis-associated acute kidney injury                                    | WINNER, KATHERINE            | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$42,094    | \$42,094    | \$41,504  | \$42,094  |
| 3,711 | F30MH138048 | 1F30MH138048-01   | UNIVERSITY OF PENNSYLVANIA              | Mapping the functional organization of the cortex across development: The principal hierarchy and transdiagnostic psychopathology risk | SUN, KEVIN                   | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$53,974    | \$53,974    | \$47,906  | \$53,974  |
| 3,712 | F31HD114273 | 1F31HD114273-01A1 | UNIVERSITY OF PENNSYLVANIA              | Investigating SMARCE1 in Regulating Cohesin Activity, Chromatin Folding, and Gene Expression   | WAI, MAY                     | Awarded. Fellowships only     | 2024/09/16 | 2027/09/15 | \$48,974    | \$48,974    | \$36,266  | \$48,974  |
| 3,713 | F31NR021096 | 1F31NR021096-01A1 | UNIVERSITY OF WASHINGTON                | Examination of Health Disparities in ICU Delirium Prevention and Management for Patients Who Speak A Language Other Than English       | AHRENS, EMILY                | Awarded. Fellowships only     | 2024/07/16 | 2025/07/15 | \$48,974    | \$48,974    | \$41,192  | \$48,974  |
| 3,714 | F31CA278265 | 5F31CA278265-02   | YALE UNIVERSITY                         | Defining the role of persistent DNA bridges in tumor-intrinsic immune activation in hereditary breast and ovarian cancer               | KOCAK, ECE                   | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$94,596    | \$94,596    | \$64,381  | \$47,938  |
| 3,715 | F30HL165822 | 5F30HL165822-02   | UNIVERSITY OF ROCHESTER                 | The Origin and Function of Lung Megakaryocytes   | LIVADA, ALISON CLAIRE        | Awarded. Fellowships only     | 2023/09/15 | 2027/09/14 | \$106,668   | \$106,668   | \$51,817  | \$53,974  |
| 3,716 | T32AI007110 | 5T32AI007110-40   | UNIVERSITY OF FLORIDA                   | Basic Microbiology and Infectious Disease  | KARST, STEPHANIE M           | Awarded. Non-fellowships only | 1978/07/01 | 2025/11/30 | \$1,126,290 | \$1,126,290 | \$912,913 | \$218,330 |
| 3,717 | F32CA294631 | 1F32CA294631-01   | DUKE UNIVERSITY                         | The frequency and function of Type 3 Innate Lymphoid Cells regulates the melanoma tumor microenvironment                               | O'CONNOR, MARGARET           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$77,284    | \$77,284    | \$67,767  | \$77,284  |

|       |             |                   |   |   |                            |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|---|---|----------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 3,718 | F31NS134292 | 5F31NS134292-02   | VANDERBILT UNIVERSITY                   | NCAM drives synaptic remodeling in developing GABAergic neurons in C. elegans   | GAILEY, CASEY              | Awarded. Fellowships only | 2023/12/01 | 2026/10/31 | \$67,276  | \$67,276  | \$47,345  | \$34,287 |
| 3,719 | F31NS139508 | 1F31NS139508-01   | WASHINGTON UNIVERSITY                   | Examining Microglia Reactivation in Multiple Sclerosis  | BARCLAY, KIA               | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$34,623  | \$34,623  | \$21,510  | \$34,623 |
| 3,720 | F31EY035932 | 1F31EY035932-01A1 | SEATTLE CHILDREN'S HOSPITAL             | Control of retinal cell fate specification by the miR9-2 disease gene locus   | CALLIES, KATELYN NING LULU | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$44,168  | \$44,168  | \$22,088  | \$44,168 |
| 3,721 | F32DK135200 | 5F32DK135200-02   | MAYO CLINIC ROCHESTER                   | Factors influencing positive change in glycemic control and Type 2 diabetes self-management behavior among Latinx individuals in a digital storytelling intervention: A mixed-methods study | LOHR, ABBY                 | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$148,864 | \$148,864 | \$100,972 | \$77,284 |
| 3,722 | F31AI186234 | 1F31AI186234-01   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | The Influence of Aging on Plasma Cell Function and Bone Marrow Competition  | OVANDO, LUIS JOSE          | Awarded. Fellowships only | 2024/09/01 | 2025/08/31 | \$48,974  | \$48,974  | \$28,684  | \$48,974 |
| 3,723 | F30AG085905 | 5F30AG085905-02   | VANDERBILT UNIVERSITY                   | Utilizing Plasma Proteomics to Identify Novel Biomarkers of Cognitive Aging   | ADEGBOYE, HAILEY           | Awarded. Fellowships only | 2023/12/01 | 2027/11/30 | \$68,592  | \$68,592  | \$46,028  | \$34,296 |
| 3,724 | F31NR021333 | 1F31NR021333-01   | PENNSYLVANIA STATE UNIVERSITY, THE      | Examining the relationship between caregiving factors, social determinants of health, and quality of life among parental caregivers of adults with profound autism: A mixed methods study   | WELLINGTON, JESSICA        | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$37,206  | \$37,206  | \$24,930  | \$37,206 |
| 3,725 | F31NS139696 | 1F31NS139696-01   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Ascending Arousal Network Control of Sleep-Wake Structure in Humans Using Simultaneous EEG and High-Resolution fMRI   | CICERO, NICHOLAS GREGORY   | Awarded. Fellowships only | 2025/01/01 | 2028/12/31 | \$48,974  | \$48,974  | \$8,820   | \$48,974 |
| 3,726 | F31HD111230 | 5F31HD111230-02   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Germline Stem Cell Establishment and the Role of Dazl in Gametogenesis  | PAHIMA, MAYA               | Awarded. Fellowships only | 2023/11/01 | 2026/10/31 | \$93,468  | \$93,468  | \$54,542  | \$47,374 |
| 3,727 | F30AR084861 | 1F30AR084861-01   | PRINCETON UNIVERSITY                    | Investigating the Mechanism of Hair Follicle Placode Induction : A novel approach to understanding establishment of the periodic pattern  | PHILLIPS, BROOKE K         | Awarded. Fellowships only | 2024/12/01 | 2029/11/30 | \$32,974  | \$32,974  | \$9,408   | \$32,974 |
| 3,728 | F30CA288021 | 1F30CA288021-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Defining the genetic mechanisms of ETS1 dependency in Notch-activated T Cell Acute Lymphoblastic Leukemia (T-ALL)   | LIN, KARENA HSIJAN         | Awarded. Fellowships only | 2024/08/01 | 2026/08/31 | \$49,490  | \$49,490  | \$37,628  | \$49,490 |
| 3,729 | F31CA294918 | 1F31CA294918-01   | FRED HUTCHINSON CANCER CENTER           | Improving engineered TCR-T cell therapy for solid tumors by targeting Tcf1+ stem-like reservoirs in tumor-draining lymph nodes  | NUTT, WILLIAM SAMUEL       | Awarded. Fellowships only | 2024/08/16 | 2026/08/15 | \$44,154  | \$44,154  | \$28,820  | \$44,154 |
| 3,730 | F32DC022145 | 1F32DC022145-01   | UNIVERSITY OF ROCHESTER                 | The impact of noise on temporal integration of speech in the human brain  | BOEBINGER, DANA            | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$77,284  | \$77,284  | \$21,532  | \$74,284 |
| 3,731 | F31DA061612 | 1F31DA061612-01   | BROWN UNIVERSITY                        | A mixed-methods study of predictors and outcomes of methadone and buprenorphine receipt during incarceration  | BAILEY, AMELIA             | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$34,862  | \$48,974 |
| 3,732 | F31AI186462 | 1F31AI186462-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Defining Immune Dysfunction in Chronic Hepacivirus Infection at Single Cell Resolution  | BOBROWSKI, TESIA           | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$8,779   | \$48,974 |
| 3,733 | F31AG087533 | 1F31AG087533-01A1 | PENNSYLVANIA STATE UNIVERSITY, THE      | Epigenetic and cellular mechanisms of age-related memory updating impairments   | BRUNSWICK, CHAD ARTHUR     | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$37,124  | \$37,124  | \$21,925  | \$37,124 |
| 3,734 | F32GM153139 | 1F32GM153139-01A1 | HARVARD UNIVERSITY                      | The developmental origin of adult pluripotent stem cells  | BUMP, PAUL ALEXANDER KAI   | Awarded. Fellowships only | 2025/01/01 | 2026/12/31 | \$74,284  | \$74,284  | \$19,036  | \$74,284 |
| 3,735 | F32DA061600 | 1F32DA061600-01   | JOHNS HOPKINS UNIVERSITY                | Exploring Reactivity Among Patients with Chronic Pain Using Cannabis and Opioids: Mixed-Method Evidence of Promising Intervention Strategies  | STONE, BRYANT MICHAEL      | Awarded. Fellowships only | 2024/09/15 | 2026/09/14 | \$73,828  | \$73,828  | \$40,068  | \$73,828 |



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|-------|-------------|-------------------|---|--|---------------------------|-------------------------------|------------|------------|--|-----------|-----------|-----------|-----------|
| 3,736 | F31CA287709 | 1F31CA287709-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | The role of H3F3A and ATRX co-mutation in epigenetic dysregulation of developmental genes in pediatric high-grade glioma                     | MESSINGER, DANA           | Awarded. Fellowships only     | 2024/06/18 | 2026/05/17 |  | \$41,895  | \$41,895  | \$40,766  | \$41,895  |
| 3,737 | F32DA061554 | 1F32DA061554-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Enabling Discovery-Based Brain Metabolomics with Ultra-High Resolution Liquid Chromatography and Machine Learning                            | CAIN, CAITLIN             | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 |  | \$73,408  | \$73,408  | \$53,221  | \$73,408  |
| 3,738 | F31GM156104 | 1F31GM156104-01   | UNIVERSITY OF WISCONSIN-MADISON         | Elucidating the Neuropeptidome Implicated in Crustacean Feeding Processes through Multiplexed Data-Independent Acquisition Mass Spectrometry | FIELDS, LAUREN            | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 |  | \$37,165  | \$37,165  | \$10,651  | \$37,165  |
| 3,739 | F31AG089990 | 1F31AG089990-01   | INDIANA UNIVERSITY INDIANAPOLIS         | Validating PLCG2 as a target for the treatment of Alzheimers Disease through cell biology and pharmacological tools                          | BEDFORD, LOGAN            | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 |  | \$38,513  | \$38,513  | \$20,230  | \$38,513  |
| 3,740 | F31GM156042 | 1F31GM156042-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Identifying the Drivers and Consequences of Host-Microbiome Composition and Function   | BROE, TARYN               | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 |  | \$41,957  | \$41,957  | \$19,507  | \$41,957  |
| 3,741 | F30MH138009 | 1F30MH138009-01   | JOHNS HOPKINS UNIVERSITY                | STUDYING SINGLE NEURON COMPUTATIONS WITHIN BRAIN-WIDE CIRCUITS   | XIE, MICHAEL EVEREST      | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 |  | \$53,974  | \$53,974  | \$504     | \$53,974  |
| 3,742 | F31DE033216 | 5F31DE033216-02   | DUKE UNIVERSITY                         | Defining host mechanisms that restrict EBV lytic reactivation  | HAYNES, LAUREN            | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 |  | \$84,041  | \$84,041  | \$69,368  | \$42,814  |
| 3,743 | F30HL172590 | 1F30HL172590-01A1 | BAYLOR COLLEGE OF MEDICINE              | Inflammatory Caspase Activation in Sickle Cell Disease   | SALGAR, SURUCHI           | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 |  | \$49,362  | \$49,362  | \$20,184  | \$49,362  |
| 3,744 | F32MD017937 | 5F32MD017937-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Elucidating the role of jails in MRSA community transmission   | ADEDIRAN, TIMILEYIN       | Awarded. Fellowships only     | 2022/12/01 | 2025/11/30 |  | \$226,314 | \$226,314 | \$175,488 | \$79,456  |
| 3,745 | F31AA031397 | 1F31AA031397-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Input specific adaptations to glutamatergic strength and plasticity on PFC PV-INS following ethanol drinking                                 | FABIAN, CARLY B           | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 |  | \$48,974  | \$48,974  | \$35,517  | \$48,974  |
| 3,746 | F31AI181533 | 1F31AI181533-01A1 | DARTMOUTH COLLEGE                       | Defining the Bacteroidetes Type VI Secretion System MC-BP Interface and Regulation   | LATARIO, CASEY J          | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 |  | \$48,974  | \$48,974  | \$19,598  | \$48,974  |
| 3,747 | F31MH138068 | 1F31MH138068-01   | DREXEL UNIVERSITY                       | Dynamic relations between interpersonal stressors, affective states, and binge eating in adolescent girls                                    | D'ADAMO, LAURA            | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 |  | \$48,974  | \$48,974  | \$35,795  | \$48,974  |
| 3,748 | F32AG085703 | 1F32AG085703-01A1 | HARVARD SCHOOL OF PUBLIC HEALTH         | Harnessing Redox Regulation of Proteasome Function to Promote Healthy Aging  | MORROW, CHRISTOPHER SCOTT | Awarded. Fellowships only     | 2024/08/09 | 2027/08/08 |  | \$79,756  | \$79,756  | \$47,511  | \$79,756  |
| 3,749 | F31AA031601 | 1F31AA031601-01A1 | JOHNS HOPKINS UNIVERSITY                | Role of Orbitofrontal Cortex in Maladaptive Ethanol Seeking  | SOTO, SAMANTHA            | Awarded. Fellowships only     | 2024/09/16 | 2027/09/15 |  | \$48,974  | \$48,974  | \$36,933  | \$48,974  |
| 3,750 | F32AA032170 | 1F32AA032170-01   | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | Negative reinforcement in early abstinence from an alcohol use disorder  | ZABIK, NICOLE LAUREN      | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 |  | \$79,456  | \$79,456  | \$23,778  | \$79,456  |
| 3,751 | F30HD112125 | 5F30HD112125-02   | UNIVERSITY OF PENNSYLVANIA              | De novo mutations in replication-independent histone genes and an unexplored class of rare pediatric mendelian syndromes                     | LUBIN, EMILY ELIZABETH    | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 |  | \$90,758  | \$90,758  | \$42,102  | \$36,784  |
| 3,752 | T32HD108079 | 5T32HD108079-04   | UNIVERSITY OF CALIFORNIA SANTA CRUZ     | A postdoctoral training program for impactful careers in stem cell biology   | HINCK, LINDSAY E          | Awarded. Non-fellowships only | 2022/05/01 | 2027/04/30 |  | \$883,639 | \$883,639 | \$423,691 | \$253,970 |
| 3,753 | F30CA278370 | 5F30CA278370-03   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | The Mechanistic Role of BRCA1-BARD1 DNA and RAD51 Binding in DNA Double-Strand Break Repair  | JASPER, ANGELA MARY       | Awarded. Fellowships only     | 2023/05/01 | 2027/04/30 |  | \$123,808 | \$123,808 | \$65,828  | \$47,216  |
| 3,754 | F31NS141258 | 1F31NS141258-01   | YALE UNIVERSITY                         | Evaluation of TFAP4 regulation of lysosome biogenesis and modulation of tau pathology  | OWENS, ASHLEY             | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 |  | \$48,974  | \$48,974  | \$26,556  | \$48,974  |
| 3,755 | F31HL174079 | 1F31HL174079-01A1 | UNIVERSITY OF FLORIDA                   | Closed-loop epidural stimulation: respiratory motor plasticity and neural underpinnings  | MICKLE, ALYSSA RICHELLE   | Awarded. Fellowships only     | 2025/03/15 | 2027/03/14 |  | \$43,163  | \$43,163  | \$4,496   | \$43,163  |
| 3,756 | F32DC022169 | 1F32DC022169-01A1 | NEW YORK UNIVERSITY                     | Long-range exchange of expectation, experience and error during auditory-motor learning  | KLINE, AMBER M            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 |  | \$74,284  | \$74,284  | \$40,172  | \$74,284  |



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|-------|-------------|-------------------|--|---|---------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|----------|
| 3,757 | F31NS141605 | 1F31NS141605-01   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Understanding the role of triggering receptor expressed on myeloid cells 2 (TREM2) on microglia and macrophages in gliomas  | PESHOFF, MEKENZIE               | Awarded. Fellowships only     | 2025/01/03 | 2027/09/03 | \$37,034    | \$37,034    | \$6,598     | \$37,034 |
| 3,758 | F31DK135283 | 5F31DK135283-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Elucidating MCH neural circuitry underlying consummatory behavior   | FURMAN, KATHERINE L             | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$123,112   | \$123,112   | \$81,648    | \$41,464 |
| 3,759 | F30CA284541 | 5F30CA284541-02   | UNIVERSITY OF WISCONSIN-MADISON          | Developing an Accurate and Robust Targeting Technique to Enable Transcostal Histotripsy Treatment of Liver Tumors   | FALK, KATRINA LAUREN            | Awarded. Fellowships only     | 2024/05/01 | 2027/06/30 | \$79,168    | \$79,168    | \$39,379    | \$39,584 |
| 3,760 | F32DC022491 | 1F32DC022491-01   | MASSACHUSETTS EYE AND EAR INFIRMARY      | Investigating the role of tip link biophysics on MET function   | YEH, FRANK                      | Awarded. Fellowships only     | 2024/08/29 | 2027/08/28 | \$73,828    | \$73,828    | \$45,496    | \$73,828 |
| 3,761 | F31DC022183 | 1F31DC022183-01A1 | COLUMBIA UNIV NEW YORK MORNINGSIDE       | The genomic and synaptic basis of language disorder and learned sound association   | NARAYANAN, SHASHAANK            | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$9,925     | \$48,974 |
| 3,762 | F30AG081097 | 5F30AG081097-03   | UNIVERSITY OF PENNSYLVANIA               | Microbiome Contributions to Age-Associated Cognitive Decline  | COX, TIMOTHY                    | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$125,718   | \$125,718   | \$81,259    | \$36,512 |
| 3,763 | F31DA060559 | 1F31DA060559-01A1 | UNIVERSITY OF FLORIDA                    | Mass Spectrometry Techniques to Identify and Characterize New Indole/Tryptamine Chemical Probes for Understanding Psychedelics Therapeutic Mechanism in Substance Use Disorders | CHRISTOPHER, MICHAEL            | Awarded. Fellowships only     | 2025/01/03 | 2028/01/02 | \$43,902    | \$43,902    | \$12,527    | \$43,902 |
| 3,764 | F32MH139159 | 1F32MH139159-01   | WASHINGTON UNIVERSITY                    | Long-term neural consequences of altered critical period timing.  | POSTOLACHE, MAGGIE              | Awarded. Fellowships only     | 2025/01/24 | 2028/01/23 | \$83,328    | \$83,328    | \$11,906    | \$83,328 |
| 3,765 | F31AI178993 | 5F31AI178993-02   | HARVARD UNIVERSITY                       | Receptor-Guided Discovery of Environmental Phages   | RAND, ELEANOR                   | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$70,236    | \$70,236    | \$37,470    | \$35,118 |
| 3,766 | F30HD117505 | 1F30HD117505-01   | BAYLOR COLLEGE OF MEDICINE               | Identifying potential therapeutics for neurodevelopmental disorders using artificial intelligence and transcriptional data  | DEISSEROTH, COLE                | Awarded. Fellowships only     | 2024/12/01 | 2028/05/31 | \$49,362    | \$49,362    | \$16,000    | \$49,362 |
| 3,767 | F32HD117584 | 1F32HD117584-01   | JOHNS HOPKINS UNIVERSITY                 | Microbiome-induced changes following influenza infection during pregnancy   | SEIBERT, BRITTANY ANNE          | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$74,764    | \$74,764    | \$24,413    | \$74,764 |
| 3,768 | F32GM157879 | 1F32GM157879-01   | PENNSYLVANIA STATE UNIVERSITY, THE       | Characterization of metal cofactors involved in GDGT-MAS Csp3-Csp3 bond formation   | MBEUH LAHOM LOT, TAMRA CARLICIA | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$73,828    | \$73,828    | \$5,084     | \$73,828 |
| 3,769 | T32DK007737 | 3T32DK007737-29S1 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Gastroenterology Research Training  | SHEIKH, SHEHZAD Z               | Awarded. Non-fellowships only | 1996/08/01 | 2026/06/30 | \$1,872,357 | \$1,872,357 | \$1,714,343 | \$91,953 |
| 3,770 | F31NS135949 | 5F31NS135949-02   | VANDERBILT UNIVERSITY                    | Multi-parametric MRI and PET imaging of rat spinal cord injury  | MU, CHAOQI CHASE                | Awarded. Fellowships only     | 2024/04/01 | 2025/08/31 | \$79,109    | \$79,109    | \$33,376    | \$30,135 |
| 3,771 | F31HD112117 | 5F31HD112117-02   | YALE UNIVERSITY                          | Multispecies investigation of early pregnancy loss mechanisms using bioengineered stem cell models  | ABEL, ASHLEY                    | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$82,896    | \$82,896    | \$46,797    | \$33,922 |
| 3,772 | F31HD117557 | 1F31HD117557-01   | PRINCETON UNIVERSITY                     | The cellular mechanisms and molecular evolution of mammalian gliding membrane outgrowth   | SEN, HARSHA                     | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$32,974    | \$32,974    | \$11,760    | \$32,974 |
| 3,773 | F30CA298305 | 1F30CA298305-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | T cell acute lymphoblastic leukemia entry into the central nervous system   | CHUNG, HYUNSOO                  | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$53,974    | \$53,974    | \$0         | \$53,974 |
| 3,774 | F30AI176724 | 5F30AI176724-02   | HARVARD MEDICAL SCHOOL                   | HLA risk alleles cause Type 1 Diabetes by modifying the selection of T cell receptors that recognize pancreatic beta cell antigens  | LAGATTUTA, KAITLYN ANNE         | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$95,545    | \$95,545    | \$57,695    | \$53,974 |
| 3,775 | F31AR085502 | 1F31AR085502-01   | ROCKEFELLER UNIVERSITY                   | Stem Cell Competition in Skin Homeostasis and Premalignancy   | THOMPSON, ELIZABETH             | Awarded. Fellowships only     | 2025/04/18 | 2027/04/17 | \$48,974    | \$48,974    | \$0         | \$48,974 |
| 3,776 | F31DE033910 | 1F31DE033910-01A1 | JOHNS HOPKINS UNIVERSITY                 | Investigating neuroskeletal interactions in non-healing calvarial defect injuries   | HORENBERG, ALLISON              | Awarded. Fellowships only     | 2024/12/01 | 2026/05/31 | \$49,774    | \$49,774    | \$14,227    | \$49,774 |
| 3,777 | F31AI183702 | 5F31AI183702-02   | YALE UNIVERSITY                          | Elucidating the Cellular and Molecular Mechanisms of IgE Catabolism   | ZHOU, KENNETH                   | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948    | \$97,948    | \$37,312    | \$48,974 |

|       |             |                   |   |   |                             |                               |            |            |           |           |           |           |
|-------|-------------|-------------------|---|---|-----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 3,778 | F31DK135386 | 5F31DK135386-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO                           | Hepatic Priming of CD4+ T cells Directs Effective Hepatitis B Virus Immunity  | CAREY, NICHOLAS DANIEL      | Awarded. Fellowships only     | 2024/03/15 | 2027/03/14 | \$94,406  | \$94,406  | \$47,203  | \$47,203  |
| 3,779 | T32HD007081 | 5T32HD007081-47   | UNIVERSITY OF TEXAS AT AUSTIN                                     | Training Program in Population Studies  | GOOSBY, BRIDGET J           | Awarded. Non-fellowships only | 1977/07/15 | 2029/04/30 | \$779,050 | \$764,050 | \$287,786 | \$398,393 |
| 3,780 | F32MH139270 | 1F32MH139270-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS)                          | Thalamocortical Circuits Governing Egocentric-Allocentric Spatial Reference Frame Transformations   | LACHANCE, PATRICK ADAM      | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$74,284  | \$74,284  | \$45,418  | \$74,284  |
| 3,781 | F31MH136730 | 1F31MH136730-01A1 | UNIVERSITY OF VIRGINIA  | Using computational modeling to formalize an integrated psychosocial theory of loneliness   | TONER, EMMA ROSE            | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$40,237  | \$40,237  | \$12,565  | \$40,237  |
| 3,782 | F32HD117548 | 1F32HD117548-01   | REHABILITATION INSTITUTE OF CHICAGO D/B/A SHIRLEY RYAN ABILITYLAB | Neuromodulatory strategies targeting cortical and spinal pathways to facilitate paretic leg motor control during walking in individuals with stroke   | LIM, HYOSOK                 | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$74,284  | \$74,284  | \$26,943  | \$74,284  |
| 3,783 | F30CA288093 | 1F30CA288093-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR                               | Targeting the lipid kinase PIKfyve in pancreatic ductal adenocarcinoma  | CHENG, CALEB                | Awarded. Fellowships only     | 2025/03/01 | 2028/02/29 | \$42,545  | \$42,545  | \$7,138   | \$42,545  |
| 3,784 | F32HD114427 | 5F32HD114427-02   | J. DAVID GLADSTONE INSTITUTES                                     | Transcriptional variation in human milk   | NYQUIST, SARAH KATE         | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$146,364 | \$146,364 | \$89,474  | \$77,284  |
| 3,785 | F31NS141318 | 1F31NS141318-01   | DARTMOUTH COLLEGE   | The Role of VAP Membrane Contact Sites in Axonal Calcium Dynamics and Synaptic Transmission   | PATON, CAMERON D            | Awarded. Fellowships only     | 2024/12/02 | 2026/12/01 | \$48,974  | \$48,974  | \$16,679  | \$48,974  |
| 3,786 | F31AG085965 | 5F31AG085965-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO                           | Evaluating routine clinical decisions in providing primary care for people living with Alzheimers Disease or Alzheimers Related Disorders: using electronic health records to provide timely evidence | FERGUSON, ERIN LAURA        | Awarded. Fellowships only     | 2024/05/01 | 2027/08/31 | \$85,201  | \$85,201  | \$39,808  | \$43,059  |
| 3,787 | F31AG082409 | 5F31AG082409-03   | UNIVERSITY OF FLORIDA   | Novel mechanism for eNAMPT secretion in PAH vascular remodeling   | RODRIGUEZ, MARISELA         | Awarded. Fellowships only     | 2023/08/21 | 2025/08/20 | \$82,159  | \$82,159  | \$66,761  | \$42,056  |
| 3,788 | F30DK142452 | 1F30DK142452-01   | YALE UNIVERSITY   | Elucidating the role of cyclin G-associated kinase as a regulator of podocyte autophagy   | BUNDA, PATRICIA             | Awarded. Fellowships only     | 2025/02/01 | 2029/01/31 | \$33,958  | \$33,958  | \$6,694   | \$33,958  |
| 3,789 | T32DK128782 | 3T32DK128782-04S1 | UNIVERSITY OF ILLINOIS AT CHICAGO                                 | UIC Diabetes Research Training Program  | UNTERMAN, TERRY G           | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$780,399 | \$780,399 | \$658,962 | \$102,917 |
| 3,790 | F31EY037190 | 1F31EY037190-01   | JOHNS HOPKINS UNIVERSITY  | The development and connectivity of starburst amacrine cells in human retinal organoids   | TAYLOR, ALLISON             | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974  | \$48,974  | \$10,699  | \$48,974  |
| 3,791 | F31NS127449 | 5F31NS127449-04   | BOSTON UNIVERSITY MEDICAL CAMPUS                                  | Tau Pathology in Motor Regions and Parkinsonism in Chronic Traumatic Encephalopathy: A Comparison to Progressive Supranuclear Palsy and Corticobasal Degeneration                                     | KIRSCH, DANIEL A            | Awarded. Fellowships only     | 2022/05/01 | 2026/04/30 | \$192,394 | \$192,394 | \$126,070 | \$48,974  |
| 3,792 | F31AT013157 | 1F31AT013157-01   | UNIVERSITY OF COLORADO DENVER                                     | Investigating the Human Metabolism of the Minor Cannabinoid Cannabichromene   | WARD, ALEXANDRA             | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$34,518  | \$34,518  | \$9,499   | \$34,518  |
| 3,793 | F31MH136815 | 1F31MH136815-01A1 | RUTGERS, THE STATE UNIV OF N.J.                                   | Using Real-Time Methods to Investigate Emotion Regulation as a Modifiable Target Connecting Adolescent Social Media Use and Mood  | DREIER, MELISSA J           | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$42,574  | \$42,574  | \$22,585  | \$42,574  |
| 3,794 | F31AA032154 | 1F31AA032154-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES                            | Assessing the contributions of the ventral subiculum to the nucleus accumbens shell projection in a novel ethanol self-administration choice paradigm   | ORTELLI, OLIVIA             | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$35,390  | \$48,974  |
| 3,795 | F31DA060678 | 1F31DA060678-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR                               | Optimizing chemical- and light-dependent protein switches for controlling opioid peptide activity with temporal control   | VAZQUEZ-RIVERA, LUIS ALONSO | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$42,144  | \$42,144  | \$15,985  | \$42,144  |
| 3,796 | F31HL174076 | 5F31HL174076-02   | HARVARD UNIVERSITY  | Investigating the functional role of a degran in ASXL1 in hematopoiesis and disease   | SHEN, SIMON P               | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$76,521  | \$76,521  | \$44,827  | \$35,118  |
| 3,797 | F32NS140209 | 1F32NS140209-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE                            | Relationship Between Cortical Planning Activity and Disordered Spoken Interaction   | MANDELBERG, NATANIEL        | Awarded. Fellowships only     | 2025/05/01 | 2027/04/30 | \$81,592  | \$81,592  | \$0       | \$81,592  |

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|-------|-------------|-------------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,798 | F32AG084174 | 5F32AG084174-02   | HARVARD MEDICAL SCHOOL                 | The role of gasdermins in microglial activation and neurodegeneration in ALS/FTD   | GUNNER, GEORGIA           | Awarded. Fellowships only     | 2023/09/30 | 2026/03/03 | \$143,364   | \$143,364   | \$80,355    | \$74,284  |
| 3,799 | F30AI179038 | 5F30AI179038-02   | UNIVERSITY OF VIRGINIA                 | Defining mechanisms of complement-mediated killing of Neisseria gonorrhoeae  | LAMB, EVAN R              | Awarded. Fellowships only     | 2024/03/01 | 2026/02/28 | \$92,151    | \$92,151    | \$40,137    | \$53,974  |
| 3,800 | F30MH135661 | 5F30MH135661-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES    | Multiscale imaging of context-dependent decision-making  | GRUSKIN, DAVID COURT      | Awarded. Fellowships only     | 2024/03/15 | 2028/03/14 | \$101,874   | \$101,874   | \$50,937    | \$50,937  |
| 3,801 | F31CA271768 | 5F31CA271768-03   | UNIVERSITY OF PENNSYLVANIA             | Influence of Caffeine on Melanoma  | BRATHWAITE, RODERICK DION | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$132,462   | \$132,462   | \$109,639   | \$36,736  |
| 3,802 | T32CA009594 | 2T32CA009594-36   | UNIVERSITY OF CHICAGO                  | Multi-Disciplinary Training Grant in Cancer Research   | MACLEOD, KAY F            | Awarded. Non-fellowships only | 1989/09/22 | 2029/12/31 | \$423,807   | \$423,807   | \$191,425   | \$423,807 |
| 3,803 | T32OD010957 | 5T32OD010957-48   | WAKE FOREST UNIVERSITY HEALTH SCIENCES | Laboratory Animal & Comparative Medicine Training  | CLINE, J MARK             | Awarded. Non-fellowships only | 1982/07/01 | 2028/03/31 | \$938,032   | \$938,032   | \$584,521   | \$458,268 |
| 3,804 | F31NS125984 | 5F31NS125984-03   | EMORY UNIVERSITY                       | The Novel Role of Cilia in Astrocyte Sevelopment   | BEAR, RACHEL MARIE        | Awarded. Fellowships only     | 2023/03/13 | 2026/01/12 | \$139,996   | \$139,996   | \$97,234    | \$44,270  |
| 3,805 | T32GM008716 | 3T32GM008716-2552 | MEDICAL UNIVERSITY OF SOUTH CAROLINA   | TRAINING PROGRAM FOR MEDICAL SCIENTISTS  | DEMORE, NANCY             | Awarded. Non-fellowships only | 1999/07/01 | 2025/06/30 | \$3,867,419 | \$3,867,419 | \$3,686,450 | \$59,182  |
| 3,806 | F31NS135955 | 5F31NS135955-02   | EMORY UNIVERSITY                       | Assessing the Contribution of Cortical Hyperactivity to ALS Phenotypes in a Human-Derived Motor System                         | PIO, TAYLOR               | Awarded. Fellowships only     | 2024/04/01 | 2027/06/21 | \$97,948    | \$97,948    | \$48,654    | \$48,974  |
| 3,807 | F32GM153089 | 5F32GM153089-02   | HARVARD UNIVERSITY                     | Photoelectrocatalytic Trifluoromethylation of Arenes via Trifluoroacetate Decarboxylation                                      | RAGURAM, ELAINE REICHERT  | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$147,236   | \$147,236   | \$71,125    | \$73,828  |
| 3,808 | F31MH132471 | 5F31MH132471-03   | ALBERT EINSTEIN COLLEGE OF MEDICINE    | Characterizing subsets of HIV-infected and uninfected CD14+CD16+ monocytes that contribute to neuropathogenesis                | RUIZ, VANESSA             | Awarded. Fellowships only     | 2023/01/16 | 2026/08/31 | \$159,720   | \$159,720   | \$120,184   | \$53,974  |
| 3,809 | F31AI179463 | 5F31AI179463-02   | EMORY UNIVERSITY                       | The Role of Immunoglobulin Genetic Diversity in the Development of Neutralizing Antibodies Against HIV Env Protein             | EDWARDS, CHRISTOPHER      | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$97,948    | \$97,948    | \$48,148    | \$48,974  |
| 3,810 | F31AR084287 | 5F31AR084287-02   | MAINEHEALTH                            | Investigating miRNA-Mediated Bone Loss from Morphine Treatment   | LANGLAIS, AUDRIE          | Awarded. Fellowships only     | 2024/03/11 | 2026/03/10 | \$70,014    | \$70,014    | \$34,944    | \$35,082  |
| 3,811 | F31HL168912 | 5F31HL168912-02   | UNIVERSITY OF CHICAGO                  | Single-Cell RNA Sequencing of Cardiac Organoids to Determine the Genetic Basis for Cell-Specific Responses to Anticancer Drugs | MCINTIRE, ERIK            | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$96,668    | \$96,668    | \$61,821    | \$48,974  |
| 3,812 | F32HL156515 | 5F32HL156515-03   | UNIVERSITY OF VIRGINIA                 | Development of an Intravenously Delivered Nanofiber to Target MMP-2 in Aortic Aneurysms  | LEDFORD, BENJAMIN         | Awarded. Fellowships only     | 2023/02/25 | 2026/02/24 | \$245,530   | \$245,530   | \$160,110   | \$86,932  |
| 3,813 | F32GM149123 | 5F32GM149123-03   | PRINCETON UNIVERSITY                   | New Proximity Labeling Tools for Studying 3D Chromatin Structure and Function  | TAY, NICHOLAS ENG SOON    | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$232,048   | \$232,048   | \$175,637   | \$81,364  |
| 3,814 | F31AR082701 | 5F31AR082701-02   | DUKE UNIVERSITY                        | The role(s) of muscle resident fibro-adipogenic progenitor cells in massive rotator cuff tear pathologies.                     | RUECKERT, HELEN           | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$83,452    | \$83,452    | \$40,501    | \$41,893  |
| 3,815 | F31DK138714 | 5F31DK138714-02   | VANDERBILT UNIVERSITY                  | Targeting the Opposing Roles of Prostaglandin E2 Receptors, EP3 and EP4, in the Pathogenesis of Type One Diabetes              | BURKETT, JULIANN B        | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$68,500    | \$68,500    | \$36,508    | \$34,250  |
| 3,816 | F32HL177926 | 1F32HL177926-01   | UNIVERSITY OF UTAH                     | The impact of pyruvate metabolic fate in myofibroblast differentiation in myelofibrosis.                                       | KRAH, NATHAN MICHAEL      | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$78,892    | \$78,892    | \$16,623    | \$78,892  |
| 3,817 | F32GM153093 | 5F32GM153093-02   | UNIVERSITY OF CALIFORNIA BERKELEY      | Supramolecular Dual Substrate Activation: Synthetic Methods via Coencapsulation  | TREACY, SEAN MICHAEL      | Awarded. Fellowships only     | 2024/01/10 | 2026/01/09 | \$148,112   | \$148,112   | \$85,403    | \$74,284  |
| 3,818 | T32GM142515 | 3T32GM142515-04S1 | SAN FRANCISCO STATE UNIVERSITY         | SFSU/UCSF M.S. Bridges to the Doctorate Program  | FUSE, MEGUMI M            | Awarded. Non-fellowships only | 2021/08/04 | 2026/07/31 | \$4,515,889 | \$4,515,889 | \$3,707,034 | \$176,585 |
| 3,819 | F31AR079260 | 5F31AR079260-04   | WASHINGTON UNIVERSITY                  | The Multiscale Role of Piezo Channels in Obesity-Associated Cartilage Damage   | ELY, ERICA VALENTINE      | Awarded. Fellowships only     | 2022/04/01 | 2026/03/31 | \$189,834   | \$189,834   | \$121,720   | \$47,694  |

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|-------|-------------|-------------------|--|--|------------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 3,820 | F31DK136222 | 5F31DK136222-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | The role of cell surface glycosaminoglycans (GAGs) in PTHrP bias signaling   | SAVRANSKY, SOFYA             | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948  | \$97,948  | \$41,403  | \$48,974  |
| 3,821 | F31AI179042 | 5F31AI179042-02   | DUKE UNIVERSITY                          | Investigating the Mucin Utilization Capabilities of Akkermansia muciniphila  | SHARMA, AGASTYA              | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$97,948  | \$97,948  | \$54,932  | \$48,974  |
| 3,822 | F32CA281087 | 5F32CA281087-02   | STANFORD UNIVERSITY                      | Reprogramming Antigen Presenting Cells in Lymph Nodes to Overcome Tumor Immune Tolerance   | HAYASHI, KAZUKUNI            | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$148,112 | \$148,112 | \$76,132  | \$74,284  |
| 3,823 | F32AI176613 | 5F32AI176613-03   | ROCKEFELLER UNIVERSITY                   | Elucidating the mechanisms of alphavirus subgenomic RNA translation  | DINNON, KENNETH HAROLD       | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$220,120 | \$220,120 | \$147,573 | \$76,756  |
| 3,824 | F31AI174773 | 5F31AI174773-03   | UNIVERSITY OF CALIFORNIA BERKELEY        | Quantifying the impact of vaccines on antibiotic use for respiratory infections in children  | KING, LAURA                  | Awarded. Fellowships only     | 2023/05/01 | 2027/04/30 | \$135,941 | \$135,941 | \$68,737  | \$46,368  |
| 3,825 | F31HL168909 | 5F31HL168909-03   | UNIVERSITY OF PENNSYLVANIA               | Pathophysiology and prevention of degeneration of heterograft biomaterials due to advanced glycation end products and serum protein infiltration | THOMAS, TINA                 | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$145,642 | \$145,642 | \$94,031  | \$48,974  |
| 3,826 | F30EY033692 | 5F30EY033692-04   | WEILL MEDICAL COLL OF CORNELL UNIV       | How neural signals are integrated over time  | JANKE, ABIGAIL MARIE         | Awarded. Fellowships only     | 2022/03/09 | 2026/03/08 | \$212,394 | \$212,394 | \$137,452 | \$53,974  |
| 3,827 | F32NS134680 | 5F32NS134680-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Development of Tissue-Specific Properties in Central Nervous System Mural Cells  | GASTFRIEND, BENJAMIN DOMENIC | Awarded. Fellowships only     | 2024/03/01 | 2026/02/28 | \$138,580 | \$138,580 | \$78,965  | \$69,500  |
| 3,828 | F32DA060751 | 5F32DA060751-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Unraveling the neural mechanism underlying context-dependent decision making   | SHEN, JIA                    | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$163,556 | \$163,556 | \$63,067  | \$81,364  |
| 3,829 | F32DK136248 | 5F32DK136248-03   | WEILL MEDICAL COLL OF CORNELL UNIV       | Regulation of Enteric Nervous System Function by Group 3 Innate Lymphoid Cells   | ZHOU, JORDAN ZHENG           | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$225,148 | \$225,148 | \$125,194 | \$78,892  |
| 3,830 | F30HD112087 | 5F30HD112087-03   | YALE UNIVERSITY                          | H2AJ as a regulator of placental senescence and genome organization  | JENSEN, TYLER BARRY          | Awarded. Fellowships only     | 2023/04/16 | 2027/04/15 | \$120,478 | \$120,478 | \$66,504  | \$53,974  |
| 3,831 | F32MH139246 | 1F32MH139246-01   | NORTHWESTERN UNIVERSITY                  | The Role of Mental Imagery in Perceptual Abnormality Formation in Individuals at Clinical High-Risk for Psychosis                                | PRATT, DANIELLE N            | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$76,756  | \$76,756  | \$0       | \$76,756  |
| 3,832 | F32EY034759 | 5F32EY034759-02   | JOHNS HOPKINS UNIVERSITY                 | Identifying Molecular Mechanisms Regulating Retinal Aging  | PALAZZO, ISABELLA            | Awarded. Fellowships only     | 2023/09/11 | 2026/09/10 | \$143,364 | \$143,364 | \$112,497 | \$74,284  |
| 3,833 | F30EY035603 | 5F30EY035603-02   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Optimal Stimuli as a New Method to Investigate Neural Networks   | SLAPIK, MITCHELL BENJAMIN    | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$71,392  | \$71,392  | \$45,192  | \$35,696  |
| 3,834 | F30DK131642 | 5F30DK131642-04   | HARVARD MEDICAL SCHOOL                   | Gating of Leptin Transport into the Cerebrospinal Fluid at the Choroid Plexus  | KALUGIN, PETER NIKOLAEVICH   | Awarded. Fellowships only     | 2022/04/01 | 2026/03/31 | \$185,566 | \$185,566 | \$132,248 | \$53,974  |
| 3,835 | T32DK007568 | 3T32DK007568-33S1 | DUKE UNIVERSITY                          | Duke Training Grant in Digestive Diseases and Nutrition  | MUIR, ANDREW J               | Awarded. Non-fellowships only | 1988/07/01 | 2027/06/30 | \$876,717 | \$876,717 | \$833,132 | \$91,476  |
| 3,836 | F31AI188661 | 1F31AI188661-01   | DARTMOUTH COLLEGE                        | Hypoxia morphology of Aspergillus fumigatus impacts diagnostics  | KORDANA, NICOLE E            | Awarded. Fellowships only     | 2025/03/01 | 2027/02/28 | \$48,974  | \$48,974  | \$2,352   | \$48,974  |
| 3,837 | F31HL172581 | 5F31HL172581-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Systems genomics approach to targeting glucose toxicity during pathological cardiomyocyte hypoxia  | FLANIGAN, WILL ROBERT        | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$97,948  | \$97,948  | \$58,659  | \$48,974  |
| 3,838 | F32HD114387 | 5F32HD114387-02   | UNIVERSITY OF CALIFORNIA BERKELEY        | Synthetic Biology Approach in Engineered Algae for Improved Milk Fat Composition in Formula  | LIN, YANG-TSUNG              | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$148,112 | \$148,112 | \$87,140  | \$74,284  |
| 3,839 | F30AI164574 | 5F30AI164574-04   | UNIVERSITY OF WASHINGTON                 | Developing Monoclonal Antibody Secreting Human Plasma Cells to Provide Long-Lasting EBV Immunity in Humanized Mice                               | HILL, TYLER F                | Awarded. Fellowships only     | 2021/09/16 | 2025/09/15 | \$171,288 | \$171,288 | \$139,387 | \$29,387  |
| 3,840 | F31MH136797 | 5F31MH136797-02   | UNIVERSITY OF MARYLAND BALTIMORE         | Structural, Functional, and Neurobehavioral Consequences of Adolescent COVID-19  | RYAN, MEGHANN                | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$73,186  | \$73,186  | \$34,336  | \$35,696  |
| 3,841 | T32AT010131 | 2T32AT010131-06   | OREGON STATE UNIVERSITY                  | Natural Products Research Training in Complementary and Integrative Health   | VAN BREEMEN, RICHARD B       | Awarded. Non-fellowships only | 2019/12/01 | 2029/11/30 | \$227,088 | \$227,088 | \$67,985  | \$227,088 |

|       |             |                   |  |   |                        |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,842 | F31EY033646 | 5F31EY033646-04   | UNIVERSITY OF CALIFORNIA BERKELEY          | Assessing direction selectivity map development in the retina   | BISTRONG, KARINA       | Awarded. Fellowships only     | 2022/02/01 | 2027/01/31 | \$176,990   | \$176,990   | \$156,617   | \$45,123  |
| 3,843 | F31HD114398 | 5F31HD114398-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | PreoP-SSI: Prediction and prevention of pediatric surgical site infections  | CHAN, CARRIE           | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$91,201    | \$91,201    | \$29,081    | \$46,059  |
| 3,844 | F30MH136779 | 5F30MH136779-02   | BOSTON UNIVERSITY MEDICAL CAMPUS           | Compartment-specific inhibition and laminar circuit dynamics in the primate prefrontal cortex.  | SNYDER, BENJAMIN JAMES | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$107,948   | \$107,948   | \$48,144    | \$53,974  |
| 3,845 | T35DC008757 | 5T35DC008757-18   | FATHER FLANAGAN'S BOYS' HOME               | Short-Term Research Training for AuD Students   | JANKY, KRISTEN L       | Awarded. Non-fellowships only | 2007/04/01 | 2028/03/31 | \$131,085   | \$131,085   | \$79,134    | \$44,515  |
| 3,846 | T32HD108075 | 5T32HD108075-02   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Interdisciplinary Research Training at the Interface of Reproductive Sciences and Bioengineering  | BAGCHI, INDRANI C      | Awarded. Non-fellowships only | 2024/06/03 | 2029/04/30 | \$551,520   | \$551,520   | \$82,111    | \$275,760 |
| 3,847 | F32AI176709 | 5F32AI176709-02   | NORTHWESTERN UNIVERSITY                    | Uncovering the mechanism of virulence factor maturation in Haemophilus influenzae   | MANLEY, OLIVIA M       | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$151,040   | \$151,040   | \$87,105    | \$76,756  |
| 3,848 | F31MH138042 | 1F31MH138042-01A1 | UNIVERSITY OF MINNESOTA                    | Perinatal depressive symptoms and infant self-regulation: Pathways through infant autonomic regulation and postnatal maternal sensitivity                 | PADRUTT, EMILY R       | Awarded. Fellowships only     | 2025/03/05 | 2027/03/04 | \$48,789    | \$48,789    | \$0         | \$48,789  |
| 3,849 | F31AI191701 | 1F31AI191701-01   | UNIVERSITY OF TENNESSEE HEALTH SCI CTR     | Interrogation of SidB-dependent septation for echinocandin potentiation in invasive aspergillosis treatment   | THORN, HARRISON IGNATZ | Awarded. Fellowships only     | 2025/04/15 | 2027/04/14 | \$40,396    | \$40,396    | \$0         | \$40,396  |
| 3,850 | F30DE033904 | 5F30DE033904-02   | UNIVERSITY OF ILLINOIS AT CHICAGO          | Endogenous Protease Mediated Delivery of Engineered Immunomodulatory Extracellular Vesicles   | LEUNG, KASEY           | Awarded. Fellowships only     | 2024/04/01 | 2028/03/31 | \$108,268   | \$108,268   | \$47,629    | \$54,774  |
| 3,851 | F30MH134460 | 5F30MH134460-02   | DUKE UNIVERSITY                            | Insular Connectomic Mechanisms of Emotion Dysregulation and Neuromodulation   | GERLUS, NIMESHA        | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$84,628    | \$84,628    | \$41,557    | \$42,497  |
| 3,852 | F31MH139148 | 1F31MH139148-01A1 | NEW YORK UNIVERSITY                        | Improving recovery for marginalized young adults living with serious mental illnesses using music-based self-management strategies: A mixed methods study | RODWIN, AARON H        | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$39,806    | \$39,806    | \$0         | \$39,806  |
| 3,853 | F30AG089936 | 1F30AG089936-01A1 | VANDERBILT UNIVERSITY                      | Elucidating mechanisms of mitochondrial DNA copy number regulation in aging   | GARCIA, ARLENE         | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$34,295    | \$34,295    | \$0         | \$34,295  |
| 3,854 | T32GM145402 | 3T32GM145402-03S1 | STANFORD UNIVERSITY                        | Medical Scientist Training Program  | CHUA, KATRIN F         | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$5,896,734 | \$5,896,734 | \$4,660,387 | \$59,936  |
| 3,855 | T32GM136561 | 3T32GM136561-05S2 | UNIVERSITY OF MARYLAND BALTIMORE           | Medical Scientist Training Program  | ROGHMANN, MARY-CLAIRE  | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$4,017,159 | \$4,017,159 | \$3,937,950 | \$59,936  |
| 3,856 | F32MH140418 | 1F32MH140418-01   | WASHINGTON UNIVERSITY                      | Mapping Cortical Area Organization in Healthy Adults Using High-Resolution HCP Data: Insights into Human Brain Function and Morphology                    | DEMIRCI, NAGEHAN       | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$78,328    | \$78,328    | \$0         | \$78,328  |
| 3,857 | F31HL170740 | 5F31HL170740-02   | MEDICAL UNIVERSITY OF SOUTH CAROLINA       | PTSD-Induced Alterations on Cardiac Homeostasis   | CORKER, ALEXA          | Awarded. Fellowships only     | 2024/05/08 | 2026/05/07 | \$97,948    | \$97,948    | \$48,974    | \$48,974  |
| 3,858 | T32DK007314 | 3T32DK007314-44S2 | UNIVERSITY OF PENNSYLVANIA                 | Diabetes, Endocrine, and Metabolism   | STOFFERS, DORIS A      | Awarded. Non-fellowships only | 1978/09/15 | 2026/06/30 | \$2,357,846 | \$2,357,846 | \$2,118,666 | \$39,932  |
| 3,859 | F31HD118796 | 1F31HD118796-01   | UNIV OF NORTH CAROLINA CHAPEL HILL         | The association of a person-centered care intervention during childbirth with clinical and patient-reported outcomes in Washington state hospitals        | SPIGEL, LAUREN F       | Awarded. Fellowships only     | 2025/04/10 | 2027/04/09 | \$44,136    | \$44,136    | \$0         | \$44,136  |
| 3,860 | F30DC022796 | 1F30DC022796-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES        | Disentangling the roles of endoplasmic reticulum stress and activity in the peripheral olfactory circuit  | MIHAILA, TIBERIU       | Awarded. Fellowships only     | 2025/01/15 | 2029/01/14 | \$50,928    | \$50,928    | \$24,108    | \$50,928  |
| 3,861 | T32CA269052 | 5T32CA269052-04   | RESEARCH INST NATIONWIDE CHILDREN'S HOSP   | Training Program in Basic and Translational Pediatric Oncology Research   | CRIFE, TIMOTHY P       | Awarded. Non-fellowships only | 2022/04/01 | 2027/03/31 | \$1,448,653 | \$1,448,653 | \$865,697   | \$398,878 |

|       |             |                     |  |   |                          |                               |            |            |             |             |             |             |
|-------|-------------|---------------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,862 | F30AG077736 | 5F30AG077736-03     | JOHNS HOPKINS UNIVERSITY               | Fluency from Flesh to Filament: Collation, Representation, and Analysis of Multi-Scale Neuroimaging data to Characterize and Diagnose Alzheimers Disease                | STOUFFER, KAITLIN        | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$159,700   | \$159,700   | \$105,726   | \$53,974    |
| 3,863 | T32AI074492 | 3T32AI074492-16S1   | EMORY UNIVERSITY                       | Training a new generation of vaccinologists   | ROUPHAEL, NADINE GEORGES | Awarded. Non-fellowships only | 2009/08/01 | 2029/08/31 | \$532,438   | \$532,438   | \$211,913   | \$96,453    |
| 3,864 | F32DC022769 | 1F32DC022769-01     | OHIO STATE UNIVERSITY                  | Investigating the Impacts of Vestibular and Auditory Function on Spatiotemporal Gait Characteristics and Spatial Navigation   | CANNON, SHAUNTELLE       | Awarded. Fellowships only     | 2025/05/01 | 2027/04/30 | \$90,988    | \$90,988    | \$0         | \$90,988    |
| 3,865 | F31HD118805 | 1F31HD118805-01     | UNIVERSITY OF COLORADO                 | Investigating the relationship between embryonic glucose homeostasis and neural tube closure  | FANDEL, JOSHUA YOSHIOKA  | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$42,234    | \$42,234    | \$0         | \$42,234    |
| 3,866 | F31NS143354 | 1F31NS143354-01     | RUTGERS BIOMEDICAL AND HEALTH SCIENCES | Mechanism of Par1c-mediated AMPA receptor trafficking and synaptic plasticity   | SHEAR, REBECCA           | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$42,574    | \$42,574    | \$0         | \$42,574    |
| 3,867 | F32DC022782 | 1F32DC022782-01     | PURDUE UNIVERSITY                      | Understanding the physiological roles of MOC efferent pathways for hearing in noise   | FARHADI, AFAGH           | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$73,828    | \$73,828    | \$19,768    | \$73,828    |
| 3,868 | F31NS143402 | 1F31NS143402-01     | COLUMBIA UNIVERSITY HEALTH SCIENCES    | Neural Circuits for Evaluating Complex Motor Sequences in Female Songbirds  | CHEN, HANNAH SHU         | Awarded. Fellowships only     | 2025/04/01 | 2026/09/30 | \$48,974    | \$48,974    | \$0         | \$48,974    |
| 3,869 | T32GM080202 | 3T32GM080202-15S2   | MEDICAL COLLEGE OF WISCONSIN           | Medical Scientist Training Program  | SALZMAN, NITA H          | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$3,118,418 | \$3,118,418 | \$2,902,669 | \$59,936    |
| 3,870 | F32MH130163 | 3F32MH130163-02S1   | UNIVERSITY OF FLORIDA                  | Impact of autism genetic risk on cortical sensorimotor dynamics   | GOLOVIN, RANDALL M       | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$149,256   | \$149,256   | \$146,942   | \$3,000     |
| 3,871 | TL1DK143273 | 1TL1DK143273-01     | BRIGHAM AND WOMEN'S HOSPITAL           | Training Core   | GREKA, ANNA              | Awarded. Non-fellowships only | 2024/09/01 | 2029/05/31 | \$1,367,059 | \$1,367,059 | \$9,704     | \$1,367,059 |
| 3,872 | F30DE030334 | 5F30DE030334-04     | UNIVERSITY OF ALABAMA AT BIRMINGHAM    | Streptococcus mutans diadenylate cyclase: A promising target for preventing dental caries   | ROJAS, EDWIN M           | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$212,140   | \$212,140   | \$195,991   | \$54,774    |
| 3,873 | TL1DK143326 | 1TL1DK143326-01     | UNIVERSITY OF PENNSYLVANIA             | Training Core   | TONG, WEI                | Awarded. Non-fellowships only | 2024/09/01 | 2029/05/31 | \$879,251   | \$879,251   | \$276,244   | \$879,251   |
| 3,874 | F32GM153100 | 3F32GM153100-01A1S1 | STANFORD UNIVERSITY                    | Formation and Regulation of Meiotic Crossovers  | UEBEL, CELJA             | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$77,284    | \$77,284    | \$45,294    | \$3,000     |
| 3,875 | F31DC023101 | 1F31DC023101-01     | UNIVERSITY OF MICHIGAN AT ANN ARBOR    | Identifying Molecular Markers and Local Axonal Projections of Novel Neuron Types in the Auditory Midbrain   | HUEZ, ELIE               | Awarded. Fellowships only     | 2025/05/01 | 2029/04/30 | \$42,545    | \$42,545    | \$0         | \$42,545    |
| 3,876 | T32EY013360 | 5T32EY013360-24     | WASHINGTON UNIVERSITY                  | Interdisciplinary Training in Vision Science  | KERSCHENSTEINER, DANIEL  | Awarded. Non-fellowships only | 2000/09/30 | 2027/03/31 | \$674,604   | \$674,604   | \$436,681   | \$180,845   |
| 3,877 | F30HD114477 | 5F30HD114477-02     | WEILL MEDICAL COLL OF CORNELL UNIV     | The Impact of Thalamocortical Axon Refinement on the Development of the Prefrontal Cortex   | DAVIDSON, RINA LEAH      | Awarded. Fellowships only     | 2024/03/18 | 2028/03/17 | \$104,672   | \$104,672   | \$45,722    | \$52,976    |
| 3,878 | F32DC022517 | 1F32DC022517-01A1   | UNIVERSITY OF UTAH                     | Utilizing Receptor-defined Odor Coding Channels to Understand Inhibitory Circuit Organization   | HERRBOLDT, MADISON       | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$74,284    | \$74,284    | \$5,157     | \$74,284    |
| 3,879 | F31MD018926 | 5F31MD018926-02     | UNIVERSITY OF UTAH                     | Understanding the role of emotion regulation flexibility in the association between daily stressors and emotional disorder symptoms in ethnic minority college students | KAUR, KIRAN              | Award terminated              | 2023/07/19 | 2025/10/31 | \$79,844    | \$79,844    | \$61,417    | \$40,562    |
| 3,880 | F31DC020345 | 3F31DC020345-03S1   | TUFTS UNIVERSITY BOSTON                | A small calcium-binding protein may be key to stabilizing the sensory hair cell stereocilia Elongation Complex  | HARTIG, ELLEN I          | Awarded. Fellowships only     | 2025/04/01 | 2025/06/30 | \$133,670   | \$133,670   | \$113,037   | \$3,000     |
| 3,881 | T32GM142617 | 3T32GM142617-03S1   | EMORY UNIVERSITY                       | Medical Scientist Training Program  | YUSTEIN, JASON           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$4,373,757 | \$4,373,757 | \$3,971,805 | \$119,872   |
| 3,882 | F32AG086035 | 1F32AG086035-01     | UNIVERSITY OF MINNESOTA                | Lipid Metabolism, Mitochondrial Stress, and Senescence  | MONROE, BLAKE            | Awarded. Fellowships only     | 2024/09/30 | 2025/09/29 | \$76,756    | \$76,756    | \$41,653    | \$76,756    |



|       |             |                 |   |   |                               |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|---|---|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,883 | T32DA007209 | 5T32DA007209-44 | JOHNS HOPKINS UNIVERSITY                | Human Behavioral Pharmacology of Substance Abuse  | STRAIN, ERIC C                | Awarded. Non-fellowships only | 1981/02/01 | 2026/06/30 | \$2,090,155 | \$2,090,155 | \$1,835,730 | \$626,100   |
| 3,884 | T32NR007091 | 5T32NR007091-29 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Interventions for Preventing and Managing Chronic Illness   | SANTACROCE, SHEILA JUDGE      | Awarded. Non-fellowships only | 1996/09/01 | 2026/06/30 | \$1,769,531 | \$1,769,531 | \$1,620,779 | \$456,580   |
| 3,885 | T32AR079068 | 5T32AR079068-04 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Academic Rheumatology and Clinical Immunology   | ZIKHERMAN, JULIE              | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,671,158 | \$1,671,158 | \$1,514,613 | \$421,608   |
| 3,886 | F31MD019213 | 1F31MD019213-01 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Early Childhood Housing Condition, Education, and Criminal Behavior   | HESS, ANDREW J                | Awarded. Fellowships only     | 2024/09/30 | 2025/09/29 | \$45,504    | \$45,504    | \$28,190    | \$45,504    |
| 3,887 | T32AI118689 | 5T32AI118689-08 | UNIVERSITY OF ROCHESTER                 | Infection and Immunity: The Pathogenesis of Host-Microbe Interactions   | DUNMAN, PAUL M                | Awarded. Non-fellowships only | 2015/07/01 | 2027/06/30 | \$801,414   | \$801,414   | \$662,911   | \$268,680   |
| 3,888 | F31CA281197 | 5F31CA281197-02 | HARVARD MEDICAL SCHOOL                  | Structural and biochemical characterization of VCIPI1 and VCP complex   | SHAH, BINITA                  | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$85,126    | \$85,126    | \$73,695    | \$43,203    |
| 3,889 | F30CA281196 | 5F30CA281196-02 | STATE UNIVERSITY NEW YORK STONY BROOK   | Inducing H3F3A exon skipping with antisense oligonucleotides as an approach to treat diffuse intrinsic pontine glioma | YANG, LUCIA                   | Awarded. Fellowships only     | 2023/06/01 | 2027/02/28 | \$81,274    | \$81,274    | \$61,608    | \$41,277    |
| 3,890 | T32GM142519 | 5T32GM142519-04 | WAYNE STATE UNIVERSITY                  | Chemistry Biology Interface Training Program at Wayne State University  | PFLUM, MARY KAY H             | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$903,696   | \$903,696   | \$702,609   | \$250,605   |
| 3,891 | T32DA028874 | 5T32DA028874-14 | UNIVERSITY OF PENNSYLVANIA              | T32 Translational Addiction Research Fellowship Program   | CHILDRESS, ANNA ROSE          | Awarded. Non-fellowships only | 2010/07/01 | 2028/06/30 | \$347,410   | \$347,410   | \$372,242   | \$18,343    |
| 3,892 | T32GM135119 | 5T32GM135119-05 | UNIVERSITY OF WISCONSIN-MADISON         | Graduate Training in Cellular and Molecular Pathogenesis of Human Diseases  | FABRY, ZSUZSANNA              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,526,965 | \$1,526,965 | \$1,385,318 | \$314,616   |
| 3,893 | T32GM145402 | 5T32GM145402-03 | STANFORD UNIVERSITY                     | Medical Scientist Training Program  | CHUA, KATRIN F                | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$5,896,734 | \$5,896,734 | \$4,660,387 | \$2,037,821 |
| 3,894 | T32GM136559 | 5T32GM136559-05 | UNIVERSITY OF CALIFORNIA AT DAVIS       | UC Davis DVM/PhD Medical Scientist Training Program   | CUMMINGS, BETHANY PAIGE       | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,418,975 | \$1,418,975 | \$1,307,453 | \$276,787   |
| 3,895 | F31CA288025 | 1F31CA288025-01 | UNIVERSITY OF MINNESOTA                 | Living Beyond Cancer: How Distance Impacts Childhood Cancer Survivorship Care   | THOMAS, AMANDA S              | Awarded. Fellowships only     | 2024/08/23 | 2027/08/22 | \$45,668    | \$45,668    | \$44,596    | \$45,668    |
| 3,896 | T32GM136614 | 5T32GM136614-05 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Chemistry Biology Interface Training Program  | HARRAN, PATRICK G             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,229,555 | \$2,229,555 | \$2,051,409 | \$434,453   |
| 3,897 | F30OD031914 | 5F30OD031914-04 | CORNELL UNIVERSITY                      | MicroRNA-375 regulation of enteroendocrine cell biology in diet-induced obesity and bariatric surgery                 | KOCH-LASKOWSKI, KIERAN LOUISE | Awarded. Fellowships only     | 2021/06/01 | 2026/06/30 | \$183,696   | \$183,696   | \$182,176   | \$53,974    |
| 3,898 | T32DA016184 | 5T32DA016184-22 | BROWN UNIVERSITY                        | Substance Abuse Intervention Outcome Research Training  | TIDEY, JENNIFER W             | Awarded. Non-fellowships only | 2003/07/01 | 2028/06/30 | \$636,053   | \$636,053   | \$596,733   | \$222,595   |
| 3,899 | T32HL007343 | 5T32HL007343-47 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Postdoctoral Training in Arteriosclerosis Research  | GINSBERG, HENRY N             | Awarded. Non-fellowships only | 1978/07/01 | 2028/07/31 | \$1,374,728 | \$1,374,728 | \$914,130   | \$673,488   |
| 3,900 | T32AA028259 | 5T32AA028259-05 | YALE UNIVERSITY                         | Translational Alcohol Research Program (TARP)   | VASILIOU, VASILIS             | Awarded. Non-fellowships only | 2020/05/01 | 2026/04/30 | \$1,837,922 | \$1,837,922 | \$844,559   | \$320,498   |
| 3,901 | T32DK007217 | 5T32DK007217-48 | STANFORD UNIVERSITY                     | Diabetes, Endocrinology and Metabolism Training Grant   | ANNES, JUSTIN PIERCE          | Awarded. Non-fellowships only | 1976/07/01 | 2028/06/30 | \$831,699   | \$831,699   | \$709,647   | \$295,665   |
| 3,902 | T32ES007062 | 5T32ES007062-41 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Environmental Toxicology and Epidemiology Pre- and Post-Doctoral Research T32 Training Program                        | BATTERMAN, STUART A           | Awarded. Non-fellowships only | 1979/07/01 | 2026/06/30 | \$2,636,531 | \$2,636,531 | \$2,612,357 | \$559,461   |
| 3,903 | T32DA055553 | 5T32DA055553-03 | NORTHEASTERN UNIVERSITY                 | Training Program on Development of Medications for Substance Use Disorder   | MAKRIYANNIS, ALEXANDROS       | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,225,325 | \$1,225,325 | \$345,157   | \$224,689   |
| 3,904 | T32EB002101 | 5T32EB002101-47 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Physics and Biology in Medicine Research Training   | MCNITT-GRAY, MICHAEL F        | Awarded. Non-fellowships only | 1997/08/19 | 2028/06/30 | \$430,421   | \$430,421   | \$292,784   | \$219,257   |
| 3,905 | F31AA030936 | 5F31AA030936-02 | UNIVERSITY OF TEXAS AT AUSTIN           | CO2 reactivity and orexin activation as predictors of extinction phenotype to fear and reward cues                    | RASKIN, MARISSA RENEE         | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$90,262    | \$90,262    | \$84,200    | \$45,771    |
| 3,906 | F30HL172580 | 1F30HL172580-01 | TEMPLE UNIV OF THE COMMONWEALTH         | IL-19 Modifies Lymphatic Flux During Hyperlipidemia   | PELUZZO, AMANDA               | Awarded. Fellowships only     | 2024/09/16 | 2028/09/15 | \$34,803    | \$34,803    | \$18,790    | \$34,803    |



|       |             |                 |                                      |   |                         |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--------------------------------------|---|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,907 | T32DA007027 | 5T32DA007027-49 | VIRGINIA COMMONWEALTH UNIVERSITY     | Training in the pharmacology of abused drugs  | DEWEY, WILLIAM L        | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$2,780,156 | \$2,780,156 | \$2,356,464 | \$512,017 |
| 3,908 | F31MH127863 | 5F31MH127863-03 | VANDERBILT UNIVERSITY                | Identifying Neurophysiological Markers of Emotion Regulation Relevant to Adolescent Depression      | DICKEY, LINDSAY         | Awarded. Fellowships only     | 2022/05/16 | 2025/05/15 | \$118,331   | \$118,331   | \$95,328    | \$36,334  |
| 3,909 | F32AI181516 | 1F32AI181516-01 | UNIV OF NORTH CAROLINA CHAPEL HILL   | Rho dependent regulation of Clostridioides difficile virulence                                      | PLASKON, DYLAN          | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$74,284    | \$74,284    | \$39,690    | \$74,284  |
| 3,910 | T32DA017629 | 5T32DA017629-19 | PENNSYLVANIA STATE UNIVERSITY, THE   | Prevention and Methodology Training   | MAGGS, JENNIFER L       | Awarded. Non-fellowships only | 2005/07/01 | 2026/06/30 | \$2,013,204 | \$2,013,204 | \$1,884,219 | \$535,514 |
| 3,911 | T32DA031098 | 5T32DA031098-14 | UNIVERSITY OF CALIFORNIA, SAN DIEGO  | Training in Research on Addictions in Interdisciplinary NeuroAIDS (TRAIN)                           | MOORE, DAVID J          | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$1,666,268 | \$1,666,268 | \$1,369,768 | \$443,197 |
| 3,912 | T32GM144303 | 5T32GM144303-03 | UNIVERSITY OF CALIFORNIA AT DAVIS    | Training Program in Pharmacology  | HELL, JOHANNES W        | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,298,634 | \$1,298,634 | \$1,118,356 | \$479,169 |
| 3,913 | T32DA007288 | 5T32DA007288-33 | MEDICAL UNIVERSITY OF SOUTH CAROLINA | Drug Abuse Training Program   | MCGINTY, JACQUELINE F   | Awarded. Non-fellowships only | 1991/09/30 | 2027/06/30 | \$1,603,766 | \$1,603,766 | \$1,419,699 | \$669,107 |
| 3,914 | F32ES036096 | 1F32ES036096-01 | UNIV OF NORTH CAROLINA CHAPEL HILL   | Mechanisms of wildfire smoke toxicity and susceptibility involving extracellular vesicles in humans | HICKMAN, ELISE DANIELLE | Awarded. Fellowships only     | 2024/06/01 | 2025/05/31 | \$74,284    | \$74,284    | \$61,478    | \$74,284  |
| 3,915 | T32DA050560 | 5T32DA050560-05 | UNIVERSITY OF MINNESOTA              | Training in genetic and neurobehavioral mechanisms of addiction                                     | LUCIANA, MONICA         | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,619,323 | \$1,619,323 | \$1,219,758 | \$368,281 |
| 3,916 | T32HL007779 | 2T32HL007779-31 | UNIVERSITY OF MINNESOTA              | Cardiovascular Disease Epidemiology & Prevention  | PANKOW, JAMES S         | Awarded. Non-fellowships only | 1994/07/01 | 2029/06/30 | \$506,529   | \$506,529   | \$252,444   | \$506,529 |
| 3,917 | F31DK136246 | 5F31DK136246-02 | YALE UNIVERSITY                      | ATG2 mediated lipid transport is essential for lipid droplet homeostasis                            | KORFHAGE, JUSTIN        | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$67,564    | \$48,974  |
| 3,918 | T32GM152318 | 1T32GM152318-01 | UNIVERSITY OF ROCHESTER              | University of Rochester Medical Scientist Training Program  | O'BANION, M KERRY       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$958,975   | \$958,975   | \$597,085   | \$958,975 |
| 3,919 | T32GM008425 | 5T32GM008425-32 | INDIANA UNIVERSITY INDIANAPOLIS      | Indiana University Comprehensive Training in Clinical Pharmacology                                  | DESTA, ZERUESENAY       | Awarded. Non-fellowships only | 1992/07/01 | 2028/06/30 | \$760,685   | \$760,685   | \$1,013,832 | \$565,977 |
| 3,920 | F30HD112148 | 5F30HD112148-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO  | The Role of Chromosome Y in Human Microglia and Neurodevelopment                                    | NGUYEN, CELINA TIEN     | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$82,657    | \$82,657    | \$69,038    | \$42,188  |
| 3,921 | T32MH065215 | 5T32MH065215-20 | VANDERBILT UNIVERSITY                | Postdoctoral Program in Functional Neurogenomics  | COLBRAN, ROGER J        | Awarded. Non-fellowships only | 2002/07/15 | 2025/06/30 | \$1,577,987 | \$1,577,987 | \$1,357,555 | \$330,171 |
| 3,922 | T32TR004385 | 1T32TR004385-01 | UNIVERSITY OF MINNESOTA              | CTSA Predoctoral T32 at University of Minnesota   | FULKERSON, JAYNE ALLYN  | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$449,855   | \$449,855   | \$311,913   | \$449,855 |
| 3,923 | T32GM152310 | 1T32GM152310-01 | WASHINGTON STATE UNIVERSITY          | Training in Biotechnology: Emphasis in Protein Chemistry  | LANGE, BERND MARKUS     | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$360,238   | \$549,359 |
| 3,924 | T32GM007592 | 2T32GM007592-46 | MASSACHUSETTS GENERAL HOSPITAL       | Research Training for Anesthetists  | FORMAN, STUART A        | Awarded. Non-fellowships only | 1978/07/01 | 2029/06/30 | \$742,629   | \$742,629   | \$219,644   | \$742,629 |
| 3,925 | T32HL170965 | 1T32HL170965-01 | VANDERBILT UNIVERSITY MEDICAL CENTER | Vanderbilt University Cardiovascular Medicine Training Program                                      | FREEDMAN, JANE E        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$439,676   | \$439,676   | \$126,880   | \$439,676 |
| 3,926 | TL1TR001440 | 5TL1TR001440-10 | UNIVERSITY OF TEXAS MED BR GALVESTON | NRSA Training Core  | HOMMEL, JONATHAN DEAN   | Awarded. Non-fellowships only | 2015/08/18 | 2026/03/31 | \$1,771,284 | \$1,771,284 | \$1,680,734 | \$444,263 |
| 3,927 | T34GM131939 | 5T34GM131939-05 | GEORGIA STATE UNIVERSITY             | MARC at Georgia State University: Workforce Diversity through Honors Undergraduates                 | FRANTZ, KYLE J          | Awarded. Non-fellowships only | 2019/06/01 | 2025/05/31 | \$1,664,257 | \$1,664,257 | \$1,336,009 | \$358,132 |
| 3,928 | F31NS127553 | 5F31NS127553-02 | JOHNS HOPKINS UNIVERSITY             | The Effect of mWAKE in the Subfornical Organ on the Circadian Regulation of Water Consumption       | BLANK, ELIJAH           | Awarded. Fellowships only     | 2022/05/23 | 2026/05/22 | \$94,446    | \$94,446    | \$46,637    | \$47,694  |
| 3,929 | T32AI007163 | 2T32AI007163-46 | WASHINGTON UNIVERSITY                | Training Program in Basic Immunology  | MURPHY, KENNETH M       | Awarded. Non-fellowships only | 1978/07/01 | 2029/07/31 | \$367,870   | \$367,870   | \$181,906   | \$367,870 |

|       |             |                 |  |  |                           |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,930 | T32AI005284 | 5T32AI005284-45 | UT SOUTHWESTERN MEDICAL CENTER           | Integrative Immunology Training Grant  | HOOPER, LORA V            | Awarded. Non-fellowships only | 1980/07/01 | 2025/06/30 | \$1,503,972 | \$1,503,972 | \$1,403,700 | \$302,978 |
| 3,931 | F31CA268774 | 5F31CA268774-03 | DUKE UNIVERSITY                          | Non-canonical roles for ATM kinase in regulating mitochondrial function and redox homeostasis                        | BURRELL, PAIGE ELIZABETH  | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$126,223   | \$126,223   | \$122,305   | \$41,391  |
| 3,932 | T32MH093311 | 5T32MH093311-13 | FLORIDA STATE UNIVERSITY                 | Integrated Clinical Neuroscience Training for Translational Research   | KEEL, PAMELA K            | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$719,770   | \$719,770   | \$473,108   | \$180,645 |
| 3,933 | T32AI007324 | 5T32AI007324-30 | UNIVERSITY OF PENNSYLVANIA               | Training in Virology   | BATES, PAUL               | Awarded. Non-fellowships only | 1989/07/01 | 2025/07/31 | \$1,399,455 | \$1,399,455 | \$1,274,908 | \$290,481 |
| 3,934 | F31EY035880 | 1F31EY035880-01 | UNIVERSITY OF WASHINGTON                 | The distributed basis of visual cortical variability   | LI, ANNA                  | Awarded. Fellowships only     | 2024/06/16 | 2027/06/15 | \$48,974    | \$48,974    | \$34,563    | \$48,974  |
| 3,935 | T32AI007334 | 5T32AI007334-35 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Molecular and Cellular Immunology  | CYSTER, JASON G           | Awarded. Non-fellowships only | 1988/09/01 | 2025/07/31 | \$2,750,451 | \$2,750,451 | \$2,776,770 | \$593,525 |
| 3,936 | T32AI007417 | 5T32AI007417-29 | JOHNS HOPKINS UNIVERSITY                 | The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program  | CASADEVALL, ARTURO        | Awarded. Non-fellowships only | 1994/09/01 | 2026/06/30 | \$2,384,973 | \$2,384,973 | \$2,287,416 | \$609,749 |
| 3,937 | T34GM127184 | 5T34GM127184-05 | UNIVERSITY OF CONNECTICUT STORRS         | UConn Undergraduate Training Program for Maximizing Access to Research Careers                                       | LOTURCO, JOSEPH J         | Awarded. Non-fellowships only | 2019/06/01 | 2025/05/31 | \$1,060,724 | \$1,060,724 | \$864,381   | \$225,201 |
| 3,938 | T32AI007539 | 5T32AI007539-25 | STATE UNIVERSITY NEW YORK STONY BROOK    | Molecular and Cell Biology of Infectious Diseases  | KONOPKA, JAMES B          | Awarded. Non-fellowships only | 1998/09/30 | 2025/08/31 | \$1,212,396 | \$1,212,396 | \$1,203,749 | \$270,440 |
| 3,939 | T32AI138932 | 5T32AI138932-05 | VANDERBILT UNIVERSITY                    | Immunological Mechanisms of Disease Training Program   | RATHMELL, JEFFREY C       | Awarded. Non-fellowships only | 2019/08/05 | 2025/07/31 | \$1,438,463 | \$1,438,463 | \$1,279,311 | \$300,371 |
| 3,940 | T32GM152341 | 1T32GM152341-01 | UNIVERSITY OF WISCONSIN-MADISON          | Chemistry-Biology Interface Training Program   | BLACKWELL, HELEN E        | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$454,463   | \$549,359 |
| 3,941 | F32AI181170 | 1F32AI181170-01 | UNIVERSITY OF MARYLAND BALTIMORE         | Prospective contributions of the vaginal microbiome and immune milieu to spontaneous Chlamydia trachomatis clearance | CARTER, KAYLA A           | Awarded. Fellowships only     | 2024/08/01 | 2025/09/24 | \$76,996    | \$76,996    | \$48,368    | \$76,996  |
| 3,942 | T32GM110523 | 5T32GM110523-10 | MICHIGAN STATE UNIVERSITY                | Plant Biotechnology for Health and Sustainability  | LAST, ROBERT LOUIS        | Awarded. Non-fellowships only | 2014/07/01 | 2025/06/30 | \$1,275,129 | \$1,275,129 | \$1,150,647 | \$95,133  |
| 3,943 | T32HL007426 | 5T32HL007426-45 | UNIVERSITY OF MIAMI CORAL GABLES         | Behavioral Medicine Research in Cardiovascular Disease   | PENEDO, FRANK J           | Awarded. Non-fellowships only | 1994/07/01 | 2025/06/30 | \$1,536,852 | \$1,536,852 | \$1,659,025 | \$276,090 |
| 3,944 | T32CA128582 | 5T32CA128582-15 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Cancer Health Disparities Training Program   | TATE, DEBORAH F           | Awarded. Non-fellowships only | 2009/09/01 | 2025/08/31 | \$1,764,553 | \$1,764,553 | \$1,418,449 | \$140,945 |
| 3,945 | T32DK007665 | 5T32DK007665-30 | UNIVERSITY OF WISCONSIN-MADISON          | Molecular and Applied Nutrition Training Program   | EISENSTEIN, RICHARD S     | Awarded. Non-fellowships only | 1993/04/01 | 2025/06/30 | \$2,561,214 | \$2,561,214 | \$2,536,736 | \$531,465 |
| 3,946 | T32HL007741 | 5T32HL007741-30 | UNIVERSITY OF MINNESOTA                  | Training in Lung Science   | WENDT, CHRIS H            | Awarded. Non-fellowships only | 1994/07/15 | 2025/07/31 | \$3,293,112 | \$3,293,112 | \$3,273,128 | \$324,046 |
| 3,947 | F31CA271776 | 5F31CA271776-02 | WEILL MEDICAL COLL OF CORNELL UNIV       | Chromunities Drive Transcriptional Reprogramming in Humoral Immunity and B-cell Lymphomas                            | DURMAZ, CEYDA             | Awarded. Fellowships only     | 2023/09/21 | 2026/09/20 | \$96,668    | \$96,668    | \$83,572    | \$48,974  |
| 3,948 | T32MH019132 | 5T32MH019132-34 | WEILL MEDICAL COLL OF CORNELL UNIV       | Research Fellowship in Geriatric Mood Disorders  | GUNNING, FAITH M          | Awarded. Non-fellowships only | 1990/03/01 | 2026/06/30 | \$578,665   | \$578,665   | \$397,005   | \$91,378  |
| 3,949 | F31AG084241 | 1F31AG084241-01 | UNIV OF NORTH CAROLINA CHAPEL HILL       | The Proactive and Reactive Neuromechanics of Instability in Aging and Dementia with Lewy Bodies                      | EICHENLAUB, EMILY KATHRYN | Awarded. Fellowships only     | 2024/01/01 | 2027/06/30 | \$39,468    | \$39,468    | \$34,102    | \$39,468  |
| 3,950 | T32GM152941 | 1T32GM152941-01 | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | University of New Mexico Leading Equity and Diversity in the Medical Scientist Training Program (UNM LEAD MSTP)      | BACA, JUSTIN THOMAS       | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$127,460   | \$127,460   | \$64,790    | \$127,460 |
| 3,951 | T32HL007909 | 5T32HL007909-25 | NORTHWESTERN UNIVERSITY                  | Training Grant in Circadian and Sleep Research   | TUREK, FRED W             | Awarded. Non-fellowships only | 1998/07/01 | 2026/02/28 | \$2,448,563 | \$2,448,563 | \$2,172,572 | \$420,281 |
| 3,952 | T32DA043593 | 5T32DA043593-05 | UNIVERSITY OF VERMONT & ST AGRIC COLLEGE | Training in Complex Systems and Data Science Approaches Applied to the Neurobiology of Drug Use                      | GARAVAN, HUGH P           | Awarded. Non-fellowships only | 2018/07/01 | 2025/06/30 | \$1,192,460 | \$1,192,460 | \$967,506   | \$176,813 |

|       |             |                   |   |  |                         |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 3,953 | T34GM083980 | 5T34GM083980-15   | NORTH CAROLINA AGRI & TECH ST UNIV      | MARC Undergraduate Student Training in Academic Research (U-STAR) NC A&T   | RORIE, CHECO JAMES      | Awarded. Non-fellowships only | 2008/06/01 | 2025/05/31 | \$2,196,436 | \$2,196,436 | \$2,041,174 | \$446,347   |
| 3,954 | T32DC000018 | 5T32DC000018-40   | UNIVERSITY OF WASHINGTON                | Research Training in Otolaryngology  | STONE, JENNIFER S       | Awarded. Non-fellowships only | 1983/07/01 | 2025/06/30 | \$2,010,410 | \$2,010,410 | \$1,946,638 | \$301,822   |
| 3,955 | T32GM007347 | 5T32GM007347-45   | VANDERBILT UNIVERSITY                   | Medical Scientist Training Program   | WILLIAMS, CHRISTOPHER S | Awarded. Non-fellowships only | 1977/07/01 | 2025/05/31 | \$7,006,153 | \$7,006,153 | \$7,998,213 | \$1,372,839 |
| 3,956 | F31DA057836 | 5F31DA057836-02   | RUTGERS, THE STATE UNIV OF N.J.         | Molecular and Neuroanatomical Processes of Opioid addiction  | O'BRIEN, CHRISTOPHER M  | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$95,290    | \$95,290    | \$76,049    | \$48,285    |
| 3,957 | T32TR004389 | 1T32TR004389-01A1 | INDIANA UNIVERSITY INDIANAPOLIS         | CTSA Postdoctoral T32 at Indiana University  | HURLEY, THOMAS D        | Awarded. Non-fellowships only | 2024/07/03 | 2029/06/30 | \$253,555   | \$253,555   | \$116,756   | \$253,555   |
| 3,958 | T35HL134624 | 5T35HL134624-07   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Intensive Summer Research Training in Emergency Medicine (ISTEM) program   | MEYER, MICHELLE         | Awarded. Non-fellowships only | 2017/05/01 | 2028/05/31 | \$83,243    | \$83,243    | \$63,188    | \$31,899    |
| 3,959 | T34GM149472 | 5T34GM149472-02   | UNIV OF MARYLAND, COLLEGE PARK          | MARC at University of Maryland, College Park   | MAISEL, KATHARINA       | Awarded. Non-fellowships only | 2023/06/05 | 2028/05/31 | \$359,984   | \$359,984   | \$255,308   | \$238,729   |
| 3,960 | T32NS131140 | 1T32NS131140-01A1 | UNIVERSITY OF FLORIDA                   | Broad-based Research, Analytics and Innovation in Neuroscience (B2RAIN) predoctoral Training Program                           | BIZON, JENNIFER LYNN    | Awarded. Non-fellowships only | 2024/07/09 | 2029/06/30 | \$110,844   | \$110,844   | \$61,678    | \$110,844   |
| 3,961 | F30OD032120 | 5F30OD032120-04   | COLORADO STATE UNIVERSITY               | Sex differences and metabolic responses to chronic stress  | DEARING, CARLEY         | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$172,028   | \$172,028   | \$151,378   | \$53,974    |
| 3,962 | T35DK129192 | 5T35DK129192-03   | OHIO STATE UNIVERSITY                   | Student Urinary Tract Program in Education and Research (SUPER) Summer Training Program  | MCHUGH, KIRK M          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$95,043    | \$95,043    | \$24,778    | \$27,601    |
| 3,963 | T32HL116275 | 5T32HL116275-12   | MASSACHUSETTS GENERAL HOSPITAL          | Research Training in Pulmonary Immunology and Allergy at Massachusetts General Hospital  | LUSTER, ANDREW D        | Awarded. Non-fellowships only | 2013/07/01 | 2028/06/30 | \$1,417,411 | \$1,417,411 | \$1,315,721 | \$696,154   |
| 3,964 | T32HL072752 | 5T32HL072752-20   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | UCLA Pulmonary and Critical Care Medicine Training Program   | DUBINETT, STEVEN M      | Awarded. Non-fellowships only | 2003/07/01 | 2026/04/30 | \$2,343,262 | \$2,343,262 | \$2,038,885 | \$279,387   |
| 3,965 | F32MH130163 | 5F32MH130163-02   | UNIVERSITY OF FLORIDA                   | Impact of autism genetic risk on cortical sensorimotor dynamics  | GOLOVIN, RANDALL M      | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$149,256   | \$149,256   | \$146,942   | \$76,756    |
| 3,966 | T32GM139787 | 5T32GM139787-04   | UNIVERSITY OF VIRGINIA                  | Training in Cell and Molecular Biology   | PASCHAL, BRYCE          | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,539,136 | \$439,487   |
| 3,967 | F32DK132832 | 5F32DK132832-03   | JOHNS HOPKINS UNIVERSITY                | The Effect Of Structural Racism On Racial And Geographic Disparities In Deceased Organ Donation                                | BROWN, LAWRENCE         | Awarded. Fellowships only     | 2022/07/14 | 2025/07/13 | \$272,938   | \$272,938   | \$252,783   | \$97,364    |
| 3,968 | T32EB009380 | 2T32EB009380-16   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Training in Multi-scale Analysis of Biological Structure and Function  | MCCULLOCH, ANDREW D     | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$319,152   | \$319,152   | \$227,330   | \$319,152   |
| 3,969 | F32NS136186 | 1F32NS136186-01   | UNIVERSITY OF IOWA                      | Lesion extent and seizure propagation pathways across acute infection and chronic epilepsy in an infection induced mouse model | PETRUCCI, ALEXANDRA     | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$77,284    | \$77,284    | \$34,182    | \$77,284    |
| 3,970 | F31CA268873 | 5F31CA268873-03   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Single cell, genome wide dissection of dynamic transcription factor regulation   | CAYWOOD, LEANDRA        | Awarded. Fellowships only     | 2022/07/11 | 2025/07/10 | \$104,504   | \$104,504   | \$96,405    | \$36,002    |
| 3,971 | T32CA251066 | 5T32CA251066-04   | VAN ANDEL RESEARCH INSTITUTE            | Cancer Epigenetics Training (CET) Program  | JONES, PETER A          | Awarded. Non-fellowships only | 2021/07/05 | 2026/06/30 | \$1,398,287 | \$1,398,287 | \$1,044,701 | \$477,477   |
| 3,972 | T32CA236748 | 2T32CA236748-06   | ST. JUDE CHILDREN'S RESEARCH HOSPITAL   | Childhood Hematological Malignancies Training Program  | MULLIGHAN, CHARLES G    | Awarded. Non-fellowships only | 2019/08/08 | 2029/07/31 | \$244,925   | \$244,925   | \$148,432   | \$244,925   |
| 3,973 | F30MH134713 | 5F30MH134713-02   | FATHER FLANAGAN'S BOYS' HOME            | Impact of Trauma on the Longitudinal Development of Cognitive Control Networks in Healthy Youth                                | SON, JAKE               | Awarded. Fellowships only     | 2023/05/30 | 2027/05/29 | \$140,434   | \$140,434   | \$50,318    | \$43,870    |
| 3,974 | F31AA030455 | 5F31AA030455-03   | PENNSYLVANIA STATE UNIVERSITY, THE      | Investigating the effects of adolescent binge drinking on prelimbic somatostatin circuitry                                     | SICHER, AVERY           | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$110,636   | \$110,636   | \$93,001    | \$37,078    |
| 3,975 | T32DA035165 | 2T32DA035165-11A1 | STANFORD UNIVERSITY                     | Interdisciplinary Research Training in Pain and/or Substance Use Disorders   | MACKEY, SEAN C          | Awarded. Non-fellowships only | 2013/07/01 | 2029/06/30 | \$878,852   | \$878,852   | \$319,817   | \$878,852   |

|       |             |                   |   |   |                          |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,976 | T32HL007028 | 5T32HL007028-47   | UNIVERSITY OF WASHINGTON                | Nutrition, Obesity and Atherosclerosis Training Program   | BORNFELDT, KARIN E       | Awarded. Non-fellowships only | 1975/07/01 | 2028/06/30 | \$720,736   | \$720,736   | \$519,409   | \$367,531 |
| 3,977 | T32DK007017 | 5T32DK007017-48   | YALE UNIVERSITY                         | Training Program in Investigative Gastroenterology  | GORELICK, FRED SANFORD   | Awarded. Non-fellowships only | 1977/01/01 | 2027/06/30 | \$599,043   | \$599,043   | \$399,635   | \$1       |
| 3,978 | T35HL072483 | 5T35HL072483-40   | MEDICAL COLLEGE OF WISCONSIN            | Medical Student Summer Research Training Program  | RAMCHANDRAN, RAMANI      | Awarded. Non-fellowships only | 1980/06/01 | 2026/05/31 | \$812,955   | \$812,955   | \$562,357   | \$213,672 |
| 3,979 | T32GM144302 | 5T32GM144302-03   | THOMAS JEFFERSON UNIVERSITY             | Training Grant in Cellular, Biochemical and Molecular Sciences  | MERRY, DIANE E           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,280,204 | \$1,280,204 | \$1,057,214 | \$439,487 |
| 3,980 | T32AI007062 | 5T32AI007062-45   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Research Training in Allergy and Clinical Immunology  | PEDEN, DAVID B           | Awarded. Non-fellowships only | 1977/07/01 | 2027/07/31 | \$1,269,049 | \$1,269,049 | \$716,583   | \$400,879 |
| 3,981 | T32NS126115 | 3T32NS126115-03S1 | METHODIST HOSPITAL RESEARCH INSTITUTE   | T32 Administrative Supplement   | HORNER, PHILIP J         | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$761,352   | \$761,352   | \$314,922   | \$29,710  |
| 3,982 | F30DK127736 | 5F30DK127736-04   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Defining mechanisms of perianal fistula inception in African and European ancestry Crohns disease patients                            | LEVANTOVSKY, RACHEL      | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$197,696   | \$197,696   | \$174,279   | \$53,974  |
| 3,983 | F30MH130075 | 5F30MH130075-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Regulation of Alternative Splicing in the Brain by a Large Assembly of Splicing Regulators  | PEYDA, PARHAM            | Awarded. Fellowships only     | 2022/07/01 | 2026/05/31 | \$137,012   | \$137,012   | \$129,910   | \$53,974  |
| 3,984 | T32HL166141 | 5T32HL166141-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | UNC Research Training Program in Respiratory Diseases and Critical Care   | DOERSCHUK, CLAIRE M      | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,090,543 | \$1,090,543 | \$521,253   | \$563,600 |
| 3,985 | T34GM145524 | 5T34GM145524-02   | EAST CAROLINA UNIVERSITY                | MARC at East Carolina University  | ABLES, ELIZABETH TWEEDIE | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$406,079   | \$406,079   | \$336,328   | \$270,681 |
| 3,986 | F31DK135387 | 5F31DK135387-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | The effect of weight stigma on daily disordered eating and potential resilience factors   | LEVINSON, JORDAN         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$80,780    | \$80,780    | \$33,630    | \$41,030  |
| 3,987 | F31HD112130 | 5F31HD112130-02   | JOHNS HOPKINS UNIVERSITY                | Determining how Doublesex and sex-specific steroid hormone signaling control gonad development  | GOETTING, SAMANTHA       | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$145,642   | \$145,642   | \$93,789    | \$48,974  |
| 3,988 | F31AI167563 | 5F31AI167563-03   | UNIVERSITY OF VIRGINIA                  | Understanding the role of Ngo1049 in subverting host-mediated metal starvation in Neisseria gonorrhoeae                               | LIYAYI, IAN KIMANI       | Awarded. Fellowships only     | 2022/06/01 | 2026/05/31 | \$143,420   | \$143,420   | \$118,681   | \$48,974  |
| 3,989 | T32GM132089 | 2T32GM132089-06   | HARVARD MEDICAL SCHOOL                  | Training in Pharmacological Sciences  | GOLAN, DAVID E           | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$549,359   | \$549,359   | \$457,006   | \$549,359 |
| 3,990 | F30CA281082 | 5F30CA281082-02   | STATE UNIVERSITY NEW YORK STONY BROOK   | Investigating the relationship between the systemic response to infection and tumor initiation and progression in Brca1 breast cancer | LEWIS, STEVEN MACAULEY   | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$81,274    | \$81,274    | \$61,411    | \$41,277  |
| 3,991 | T32NS007466 | 2T32NS007466-26   | OREGON HEALTH & SCIENCE UNIVERSITY      | Multidisciplinary Training in Neuroscience  | MONK, KELLY R            | Awarded. Non-fellowships only | 1999/07/01 | 2029/06/30 | \$290,955   | \$290,955   | \$202,332   | \$290,955 |
| 3,992 | T32GM149380 | 5T32GM149380-02   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | Medical Scientist Training Program  | LEVENSON, ROBERT         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,121,841 | \$1,121,841 | \$916,865   | \$599,359 |
| 3,993 | T32GM136640 | 5T32GM136640-05   | WEILL MEDICAL COLL OF CORNELL UNIV      | Tri-Institutional PhD Program in Chemical Biology   | TAN, DEREK S             | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$1,518,973 | \$1,518,973 | \$1,251,856 | \$306,624 |
| 3,994 | T35AG050998 | 5T35AG050998-10   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Summer Research Training in Aging for Medical Students  | CHODOSH, JOSHUA          | Awarded. Non-fellowships only | 2015/06/01 | 2025/05/31 | \$351,033   | \$351,033   | \$300,774   | \$10,641  |
| 3,995 | T32GM136572 | 5T32GM136572-05   | STATE UNIVERSITY NEW YORK STONY BROOK   | Chemical Biology Training Interface   | BOON, ELIZABETH M        | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,800,546 | \$1,800,546 | \$1,469,265 | \$381,087 |
| 3,996 | T32GM136561 | 5T32GM136561-05   | UNIVERSITY OF MARYLAND BALTIMORE        | Medical Scientist Training Program  | ROGHMANN, MARY-CLAIRE    | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$4,017,159 | \$4,017,159 | \$3,937,950 | \$689,163 |
| 3,997 | T32MH135856 | 1T32MH135856-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Research Training Program in Mental Health Biostatistics and Data Science   | WANG, YUANJIA            | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$110,844   | \$110,844   | \$38,195    | \$110,844 |

|       |             |                   |  |  |                             |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 3,998 | T32MH020017 | 2T32MH020017-26A1 | HARVARD MEDICAL SCHOOL                 | Ph.D. Training in Neuroscience   | ASSAD, JOHN                 | Awarded. Non-fellowships only | 1997/09/30 | 2029/06/30 | \$770,363   | \$770,363   | \$585,498   | \$770,363 |
| 3,999 | T32AG081185 | 1T32AG081185-01A1 | UNIVERSITY OF CALIFORNIA-IRVINE        | The UC Irvine Center for Neural Circuit Mapping training program in Alzheimers disease research                        | XU, XIANGMIN                | Awarded. Non-fellowships only | 2024/06/01 | 2029/05/31 | \$279,738   | \$279,738   | \$177,433   | \$279,738 |
| 4,000 | T32GM145773 | 5T32GM145773-03   | UNIVERSITY OF NOTRE DAME               | Chemistry-Biochemistry-Biology Interface (CBBI) Program at Notre Dame  | MELANDER, CHRISTIAN COREY   | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$960,160   | \$960,160   | \$751,307   | \$329,616 |
| 4,001 | T32GM132057 | 2T32GM132057-06   | COLORADO STATE UNIVERSITY              | Predoctoral Training in Quantitative Cell & Molecular Biology  | ARGUESO, JUAN LUCAS         | Awarded. Non-fellowships only | 2019/07/01 | 2029/06/30 | \$381,055   | \$381,055   | \$256,677   | \$381,055 |
| 4,002 | T32NR021171 | 1T32NR021171-01   | DUKE UNIVERSITY                        | Nurse LEADS: Training in Nurse-LEd models of care ADdressing the Social Determinants of Health                         | GONZALEZ-GUARDA, ROSA MARIA | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$198,596   | \$198,596   | \$123,815   | \$198,596 |
| 4,003 | T32CA009168 | 2T32CA009168-46A1 | UNIVERSITY OF WASHINGTON               | Developing Data-Driven Cancer Researchers  | SCHWARTZ, STEPHEN M         | Awarded. Non-fellowships only | 1980/07/01 | 2029/08/31 | \$310,641   | \$310,641   | \$104,635   | \$310,641 |
| 4,004 | T32ES026568 | 5T32ES026568-08   | TEXAS A&M UNIVERSITY                   | Regulatory Science in Environmental Health and Toxicology  | RUSYN, IVAN                 | Awarded. Non-fellowships only | 2016/07/01 | 2027/06/30 | \$1,471,155 | \$1,471,155 | \$1,277,128 | \$497,360 |
| 4,005 | T32GM135014 | 5T32GM135014-05   | HARVARD UNIVERSITY                     | Harvard Systems Biology Graduate Program   | DESAI, MICHAEL M            | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,574,912 | \$1,574,912 | \$1,466,187 | \$314,611 |
| 4,006 | T32DA007278 | 2T32DA007278-31   | UNIVERSITY OF WASHINGTON               | Training in Addiction Neuroscience   | PHILLIPS, PAUL E M          | Awarded. Non-fellowships only | 1993/08/01 | 2029/06/30 | \$669,901   | \$669,901   | \$413,633   | \$669,901 |
| 4,007 | T32NR019035 | 5T32NR019035-05   | UNIVERSITY OF TEXAS AT AUSTIN          | Precision Health Intervention Methodology Training in Self-Management of Multiple Chronic Conditions                   | STUIFBERGEN, ALEXA          | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$994,844   | \$994,844   | \$898,354   | \$227,309 |
| 4,008 | T32EB025766 | 2T32EB025766-06   | NORTHWESTERN UNIVERSITY AT CHICAGO     | Graduate Training Program for Magnetic Resonance Imaging   | MARKL, MICHAEL              | Awarded. Non-fellowships only | 2019/09/01 | 2029/08/31 | \$259,624   | \$259,624   | \$148,287   | \$259,624 |
| 4,009 | T32NS045540 | 2T32NS045540-21   | UNIVERSITY OF CALIFORNIA-IRVINE        | Epilepsy Research Training Program   | BARAM, TALLIE Z             | Awarded. Non-fellowships only | 2003/07/01 | 2029/06/30 | \$11,626    | \$11,626    | \$175,244   | \$11,626  |
| 4,010 | F30ES035279 | 5F30ES035279-02   | UNIVERSITY OF CHICAGO                  | Investigating Biomolecular Condensates and Heat Shock Proteins in Cellular Responses to Sublethal Heat Shock and Fever | LIN, KYLE MATTHEW           | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$106,668   | \$106,668   | \$73,886    | \$53,974  |
| 4,011 | F30DC021342 | 5F30DC021342-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Intracranial Electrophysiology & Anatomical Connectivity of Voice-Selective Auditory Cortex                            | HECT, JASMINE LEAH          | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$101,360   | \$101,360   | \$87,924    | \$51,320  |
| 4,012 | T32DK007012 | 2T32DK007012-46   | DUKE UNIVERSITY                        | Endocrinology and Metabolism Training Program  | D'ALESSIO, DAVID A          | Awarded. Non-fellowships only | 1975/07/01 | 2029/06/30 | \$148,567   | \$148,567   | \$288,700   | \$148,567 |
| 4,013 | T32NR019761 | 5T32NR019761-04   | UNIVERSITY OF WASHINGTON               | RiNGH (Research in Nursing & Global Health) Training Program   | KOHLER, PAMELA              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,117,703 | \$1,117,703 | \$945,745   | \$321,163 |
| 4,014 | T32EB009035 | 2T32EB009035-16   | STANFORD UNIVERSITY                    | Multi-Disciplinary Training Program in Cardiovascular Imaging at Stanford  | WU, JOSEPH C                | Awarded. Non-fellowships only | 2008/09/30 | 2029/06/30 | \$112,862   | \$112,862   | \$239,844   | \$112,862 |
| 4,015 | T32HG000045 | 5T32HG000045-25   | WASHINGTON UNIVERSITY                  | Institutional Training Grant in Genomic Science  | BRENT, MICHAEL R            | Awarded. Non-fellowships only | 1997/04/01 | 2026/04/30 | \$1,991,932 | \$1,991,932 | \$2,066,723 | \$165,880 |
| 4,016 | T32ES029074 | 2T32ES029074-06   | UNIVERSITY OF COLORADO DENVER          | Training in Molecular and Systems Toxicology   | BROWN, JARED MICHAEL        | Awarded. Non-fellowships only | 2019/07/18 | 2029/06/30 | \$72,371    | \$72,371    | \$74,416    | \$72,371  |
| 4,017 | T32ES007255 | 2T32ES007255-36   | MICHIGAN STATE UNIVERSITY              | Multidisciplinary Training in Environmental Toxicology   | LAPRES, JOHN J              | Awarded. Non-fellowships only | 1989/07/01 | 2029/06/30 | \$466,707   | \$466,707   | \$0         | \$466,707 |
| 4,018 | T32ES007059 | 5T32ES007059-47   | UNIVERSITY OF CALIFORNIA AT DAVIS      | Advanced Training in Environmental Health Sciences   | VAN WINKLE, LAURA S         | Awarded. Non-fellowships only | 1978/07/01 | 2028/06/30 | \$656,567   | \$656,567   | \$626,014   | \$303,783 |
| 4,019 | T32GM135126 | 5T32GM135126-05   | BRANDEIS UNIVERSITY                    | Macromolecular Structure and Mechanism   | OPRIAN, DANIEL D            | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,526,847 | \$1,526,847 | \$1,421,764 | \$314,498 |
| 4,020 | T32GM149422 | 5T32GM149422-02   | EMORY UNIVERSITY                       | Genetics Predoctoral Training Program  | CASPARY, TAMARA J           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,079,894 | \$1,079,894 | \$827,103   | \$549,359 |
| 4,021 | T32GM140995 | 5T32GM140995-04   | NORTHWESTERN UNIVERSITY                | Molecular Biophysics Training Program at Northwestern University   | PINKETT, HEATHER WENDY      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,670,307 | \$1,670,307 | \$1,410,732 | \$439,487 |

|       |             |                 |   |  |                           |                               |            |            |             |             |             |             |
|-------|-------------|-----------------|---|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,022 | T32GM008014 | 5T32GM008014-43 | UT SOUTHWESTERN MEDICAL CENTER          | Medical Scientist Training Program at University of Texas Southwestern Med Ctr -   | ZINN, ANDREW R            | Awarded. Non-fellowships only | 1982/07/01 | 2025/06/30 | \$5,502,758 | \$5,502,758 | \$5,112,551 | \$1,169,936 |
| 4,023 | T32MH016259 | 2T32MH016259-44 | JUDGE BAKER CHILDREN'S CENTER           | Stuart T. Hauser Research Training Program in Biological and Social Psychiatry   | SHENTON, MARTHA E         | Awarded. Non-fellowships only | 1980/07/01 | 2029/06/30 | \$369,025   | \$369,025   | \$163,914   | \$369,025   |
| 4,024 | F31HL165818 | 5F31HL165818-02 | CHILDREN'S RESEARCH INSTITUTE           | Plastic Chemicals in Pediatric Cardiopulmonary Bypass: Evaluating Cardiac Toxicity and Investigating Clinical Alternatives                     | GUERRELLI, DEVON          | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$81,433    | \$81,433    | \$72,849    | \$37,769    |
| 4,025 | T32GM153507 | 1T32GM153507-01 | UNIVERSITY OF WASHINGTON                | Molecular Biophysics Training Program  | ZHENG, NING               | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$659,231   | \$659,231   | \$458,925   | \$659,231   |
| 4,026 | T32AA007453 | 5T32AA007453-43 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Developmental Alcohol Research Training Grant  | MOLINA, BROOKE S G        | Awarded. Non-fellowships only | 1982/10/01 | 2027/06/30 | \$676,847   | \$676,847   | \$620,653   | \$264,124   |
| 4,027 | T32MH019524 | 5T32MH019524-32 | NEW YORK UNIVERSITY                     | Training Systems and Integrative Neuroscience  | KIORPES, LYNNE            | Awarded. Non-fellowships only | 1992/09/30 | 2026/06/30 | \$625,889   | \$625,889   | \$599,888   | \$146,940   |
| 4,028 | T32HL007534 | 5T32HL007534-42 | JOHNS HOPKINS UNIVERSITY                | Multidisciplinary Training Program in Lung Disease   | SHIMODA, LARISSA A        | Awarded. Non-fellowships only | 1982/07/01 | 2028/06/30 | \$2,413,457 | \$2,413,457 | \$2,092,059 | \$1,026,463 |
| 4,029 | F31MD018535 | 5F31MD018535-02 | SAN DIEGO STATE UNIVERSITY              | Evaluating Multilevel Factors that Predict Physical Activity Among Latinos with Chronic Spine Pain: A Mixed-Methods Study                      | DIONICIO, PATRICIA        | Award terminated              | 2023/07/05 | 2025/07/04 | \$76,152    | \$76,152    | \$66,703    | \$38,716    |
| 4,030 | T35AI089693 | 5T35AI089693-13 | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Training the Next Generation of Clinician Scientist  | MURPHY, TIMOTHY F         | Awarded. Non-fellowships only | 2011/09/15 | 2027/08/31 | \$189,790   | \$189,790   | \$100,335   | \$60,894    |
| 4,031 | F30CA257401 | 5F30CA257401-04 | UNIVERSITY OF SOUTHERN CALIFORNIA       | RNA Methylation in Cancer Plasticity and Drug Resistance   | HODARA, EMMANUELLE        | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$217,456   | \$217,456   | \$152,692   | \$56,974    |
| 4,032 | F31EY034016 | 5F31EY034016-03 | UNIVERSITY OF MINNESOTA                 | Visual Perception in Visual Snow Syndrome  | MONTOYA, SAMANTHA A       | Awarded. Fellowships only     | 2022/08/29 | 2025/08/28 | \$102,917   | \$102,917   | \$80,842    | \$34,193    |
| 4,033 | T32HL007749 | 5T32HL007749-32 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Multidisciplinary Training Program in Lung Disease   | DICKSON, ROBERT PICKETT   | Awarded. Non-fellowships only | 1993/07/01 | 2028/06/30 | \$1,483,725 | \$1,483,725 | \$1,215,830 | \$640,568   |
| 4,034 | F32MH133288 | 5F32MH133288-02 | NORTHEASTERN UNIVERSITY                 | Probing negative affect circuits in humans using 7T fMRI   | DEMING, PHILIP            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$151,264   | \$151,264   | \$113,105   | \$77,284    |
| 4,035 | F30MH134507 | 5F30MH134507-02 | GEORGETOWN UNIVERSITY                   | The Neural Mechanisms Underlying Categorical Decision Making   | STEINBERG, NOAH           | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$71,268    | \$71,268    | \$65,259    | \$36,274    |
| 4,036 | T32AI007485 | 5T32AI007485-29 | UNIVERSITY OF IOWA                      | Predoctoral Training Program in Immunology   | LEGGE, KEVIN L            | Awarded. Non-fellowships only | 1995/08/01 | 2026/07/31 | \$968,592   | \$968,592   | \$851,467   | \$251,511   |
| 4,037 | T32AG076407 | 5T32AG076407-03 | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | UNMC Training Program in Alzheimer's Disease and Related Dementias Drug Discovery  | TRIPPIER, PAUL            | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$632,764   | \$632,764   | \$397,261   | \$261,510   |
| 4,038 | F31EY035141 | 5F31EY035141-02 | UNIVERSITY OF PENNSYLVANIA              | The role of iron in retinal degeneration during bacterial infection  | FOSHE, SIERRA             | Awarded. Fellowships only     | 2023/07/01 | 2027/02/19 | \$96,668    | \$96,668    | \$88,664    | \$48,974    |
| 4,039 | F31NR020838 | 5F31NR020838-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Childhood socioeconomic disadvantage, cumulative Adverse Childhood Experiences, and adolescent depression and anxiety symptoms                 | MOORE, CHELSEA            | Awarded. Fellowships only     | 2023/08/28 | 2025/08/27 | \$90,682    | \$90,682    | \$85,196    | \$45,981    |
| 4,040 | F30CA257383 | 5F30CA257383-04 | STATE UNIVERSITY NEW YORK STONY BROOK   | Elucidating the Relationship Between Cell Proliferation and Invasion   | MARTINEZ, MICHAEL ADRIAN  | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$183,882   | \$183,882   | \$159,783   | \$53,974    |
| 4,041 | F31AA030907 | 5F31AA030907-02 | UNIVERSITY OF WASHINGTON                | Hitting Close to Home: A Multi-Method Investigation of Neighborhood Characteristics and Drinking Motives on Alcohol-Related Health Disparities | MACKEY, CHELSEA DENISE    | Awarded. Fellowships only     | 2023/06/16 | 2026/06/15 | \$96,668    | \$96,668    | \$88,580    | \$48,974    |
| 4,042 | F30MH132324 | 5F30MH132324-02 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Modeling gene x environment interactions in post-traumatic stress disorder.  | SEAH, CARINA              | Awarded. Fellowships only     | 2023/06/26 | 2027/06/25 | \$103,548   | \$103,548   | \$67,112    | \$51,694    |
| 4,043 | T32NS115664 | 5T32NS115664-05 | UNIVERSITY OF UTAH                      | The Neuroimmunology Training Program at the University of Utah   | O'CONNELL, RYAN M         | Awarded. Non-fellowships only | 2020/07/15 | 2025/06/30 | \$988,394   | \$988,394   | \$783,498   | \$208,637   |
| 4,044 | T35AI125220 | 5T35AI125220-07 | LOYOLA UNIVERSITY CHICAGO               | Summer Research Experience for Medical Students in Inflammation and Infectious Diseases  | FITZGERALD, COLLEEN MARIE | Awarded. Non-fellowships only | 2017/07/20 | 2028/08/31 | \$109,824   | \$109,824   | \$57,049    | \$56,405    |



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|-------|-------------|-----------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,045 | T32NS115706 | 5T32NS115706-05 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Predoctoral Training in Neurobiology  | PLEASURE, SAMUEL JEREMY      | Awarded. Non-fellowships only | 2020/07/15 | 2026/06/30 | \$2,430,641 | \$2,430,641 | \$2,181,033 | \$522,039 |
| 4,046 | T32GM149436 | 5T32GM149436-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Molecular Biophysics Training Grant   | MANGLIK, AASHISH             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$827,739   | \$827,739   | \$679,882   | \$421,399 |
| 4,047 | T32NS115656 | 5T32NS115656-04 | CHILDREN'S RESEARCH INSTITUTE           | District of Columbia T32 on Neurodevelopmental Disabilities Research (DC NDD T32)                               | HAYDAR, TARIK F              | Awarded. Non-fellowships only | 2021/07/02 | 2026/06/30 | \$1,537,246 | \$1,537,246 | \$1,336,909 | \$270,593 |
| 4,048 | F31DA058451 | 5F31DA058451-02 | UNIVERSITY OF PENNSYLVANIA              | A Novel Role of Interpeduncular Nucleus GLP-1Rs in Fentanyl Reinstatement                                       | HERMAN, RACHEL JASCHIK       | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$83,170    | \$48,974  |
| 4,049 | T32AI007401 | 5T32AI007401-32 | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | Training Program in Immunology and Pathogenesis   | ALEXANDER-MILLER, MARTHA ANN | Awarded. Non-fellowships only | 1991/09/01 | 2028/06/30 | \$636,469   | \$636,469   | \$381,947   | \$208,488 |
| 4,050 | F30AI167524 | 5F30AI167524-03 | CALIFORNIA INSTITUTE OF TECHNOLOGY      | Longitudinal mucosal immune response to SARS-CoV-2 starting prior to infection                                  | VILORIA WINNETT, ALEXANDER   | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$158,420   | \$158,420   | \$127,333   | \$53,974  |
| 4,051 | T32DK007169 | 5T32DK007169-45 | NORTHWESTERN UNIVERSITY AT CHICAGO      | NW University Program in Endo Diabetes and Hormone Action   | BASS, JOSEPH                 | Awarded. Non-fellowships only | 1976/07/01 | 2026/06/30 | \$1,338,475 | \$1,338,475 | \$939,061   | \$257,266 |
| 4,052 | T32AA014125 | 5T32AA014125-20 | UNIVERSITY OF CALIFORNIA BERKELEY       | Prevention Science Research Training Program  | GRUBE, JOEL WILLIAM          | Awarded. Non-fellowships only | 2004/07/01 | 2025/06/30 | \$771,386   | \$771,386   | \$772,374   | \$278,117 |
| 4,053 | T32AR053461 | 5T32AR053461-19 | UNIVERSITY OF PENNSYLVANIA              | Training in Muscle Biology and Muscle Disease   | OSTAP, E MICHAEL             | Awarded. Non-fellowships only | 2006/05/01 | 2026/06/30 | \$1,111,442 | \$1,111,442 | \$1,038,442 | \$275,434 |
| 4,054 | T32DC000020 | 5T32DC000020-32 | MASSACHUSETTS EYE AND EAR INFIRMARY     | Research Training in Otolaryngology   | JUNG, DAVID H                | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$651,191   | \$651,191   | \$547,817   | \$173,089 |
| 4,055 | F32AI172080 | 5F32AI172080-02 | UNIVERSITY OF COLORADO DENVER           | Metabolic determinants of Staphylococcus aureus skin colonization   | COSTA, FLAVIA GISELA         | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$225,148   | \$225,148   | \$137,954   | \$76,756  |
| 4,056 | F30AG079504 | 5F30AG079504-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Leveraging Clinical Data for Phenotyping and Predictive Modelling of Alzheimer's Disease                        | TANG, ALICE SUMMER           | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$132,049   | \$132,049   | \$117,839   | \$53,974  |
| 4,057 | F31MH134495 | 5F31MH134495-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Shared neural circuits of prosocial and parenting behaviors in the hypothalamus                                 | LIM, KAYLA Y                 | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$80,658    | \$80,658    | \$73,402    | \$40,969  |
| 4,058 | T32MH122394 | 5T32MH122394-05 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Training the next generation of clinical neuroscientists  | KAHN, RENE S                 | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,775,852 | \$1,775,852 | \$1,255,504 | \$405,897 |
| 4,059 | T32MH014592 | 5T32MH014592-47 | JOHNS HOPKINS UNIVERSITY                | Psychiatric Epidemiology Training Program   | VOLK, HEATHER E              | Awarded. Non-fellowships only | 1976/07/01 | 2028/06/30 | \$393,672   | \$393,672   | \$328,309   | \$206,359 |
| 4,060 | F30AG077794 | 5F30AG077794-03 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Quantitative Magnetization Transfer Imaging for Early Detection of Alzheimers Disease                           | MAO, ANDREW                  | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$158,420   | \$158,420   | \$124,759   | \$53,974  |
| 4,061 | T90DE021990 | 5T90DE021990-14 | UNIVERSITY OF FLORIDA                   | Comprehensive Training Program in Oral Biology  | LEMOs, JOSE A                | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$2,043,178 | \$2,043,178 | \$1,865,937 | \$531,653 |
| 4,062 | F30AG076183 | 5F30AG076183-03 | CASE WESTERN RESERVE UNIVERSITY         | The role of mitochondrial fission in neurodegeneration in the leading environmental cause of Alzheimers disease | SRIDHARAN, PREETHY           | Awarded. Fellowships only     | 2022/08/08 | 2026/08/07 | \$158,420   | \$158,420   | \$148,999   | \$53,974  |
| 4,063 | T32GM080202 | 5T32GM080202-15 | MEDICAL COLLEGE OF WISCONSIN            | Medical Scientist Training Program  | SALZMAN, NITA H              | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$3,118,418 | \$3,118,418 | \$2,902,669 | \$599,414 |
| 4,064 | T32MH018921 | 5T32MH018921-35 | VANDERBILT UNIVERSITY                   | Development of Psychopathology: From Brain and Behavioral Science to Intervention                               | COLE, DAVID A                | Awarded. Non-fellowships only | 1989/07/01 | 2025/06/30 | \$1,476,520 | \$1,476,520 | \$1,458,734 | \$346,057 |
| 4,065 | F32DK136301 | 5F32DK136301-02 | SCRIPPS RESEARCH INSTITUTE, THE         | Discovery of metabolic pathways using phenotypic screening and chemical proteomics                              | JARIWALA, PARTH BALVANT      | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$146,256   | \$146,256   | \$126,434   | \$76,756  |
| 4,066 | T90DE030860 | 5T90DE030860-04 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | UCLA Dentist-Scientist and Oral Health-Researcher Training Program  | TON-THAT, HUNG               | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,688,657 | \$1,688,657 | \$931,389   | \$448,976 |
| 4,067 | T32MH125792 | 5T32MH125792-04 | HENRY FORD HEALTH SYSTEM                | Embedded Mental Health Services Postdoctoral Research Training in Health Systems                                | AHMEDANI, BRIAN KENNETH      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,125,703 | \$1,125,703 | \$844,878   | \$321,011 |
| 4,068 | T32GM008243 | 5T32GM008243-37 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | UCLA Medical Genetics Training Program  | MARTINEZ-AGOSTO, JULIAN      | Awarded. Non-fellowships only | 1987/07/01 | 2026/06/30 | \$1,386,218 | \$1,386,218 | \$894,176   | \$405,788 |



|       |             |                 |   |  |                          |                               |            |            |              |              |              |             |
|-------|-------------|-----------------|---|--|--------------------------|-------------------------------|------------|------------|--------------|--------------|--------------|-------------|
| 4,069 | T32NS115667 | 5T32NS115667-04 | PENNSYLVANIA STATE UNIVERSITY, THE      | Cross-Disciplinary Neural Engineering (CDNE) Training Program  | GLUCKMAN, BRUCE J        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$856,215    | \$856,215    | \$589,608    | \$226,101   |
| 4,070 | T32NS105594 | 5T32NS105594-07 | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | Neuroimmunology of Disease Training Program  | MONAGHAN, DANIEL T       | Awarded. Non-fellowships only | 2018/07/01 | 2028/06/30 | \$276,274    | \$276,274    | \$286,620    | \$60,566    |
| 4,071 | T32GM145440 | 5T32GM145440-03 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Medical Scientist Training Program   | REINER, STEVEN L         | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$4,550,666  | \$4,550,666  | \$4,275,534  | \$1,558,334 |
| 4,072 | T32HL155022 | 5T32HL155022-04 | LOUISIANA STATE UNIV HSC SHREVEPORT     | Multidisciplinary Training in Cardiovascular Pathophysiology   | ORR, ANTHONY WAYNE       | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$521,179    | \$521,179    | \$366,594    | \$151,414   |
| 4,073 | T32HL098129 | 5T32HL098129-15 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Training Program in Cardiometabolic Diseases   | FISHMAN, GLENN I         | Awarded. Non-fellowships only | 2009/09/01 | 2025/06/30 | \$2,492,610  | \$2,492,610  | \$2,105,851  | \$330,925   |
| 4,074 | T32GM140936 | 5T32GM140936-04 | UNIVERSITY OF MINNESOTA                 | An Interdisciplinary Training Program to Transform Graduate Education In Genetics and Genomics                     | GREENSTEIN, DAVID IRWIN  | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$677,123    | \$677,123    | \$616,214    | \$180,236   |
| 4,075 | F31NS127417 | 5F31NS127417-03 | UNIVERSITY OF MINNESOTA                 | A novel hippocampal GABAergic projection and its potential role in spatial recognition                             | GLASSBURN, LAUREN        | Awarded. Fellowships only     | 2022/06/21 | 2025/06/20 | \$105,795    | \$105,795    | \$99,556     | \$36,767    |
| 4,076 | T32AI007526 | 5T32AI007526-24 | UNIVERSITY OF TEXAS MED BR GALVESTON    | Emerging and Tropical Infectious Diseases  | SOONG, LYNN              | Awarded. Non-fellowships only | 1997/09/01 | 2026/08/31 | \$709,118    | \$709,118    | \$601,766    | \$175,770   |
| 4,077 | T32CA071345 | 5T32CA071345-27 | MASSACHUSETTS GENERAL HOSPITAL          | Training Program in Cancer Biology and Therapeutics  | HABER, DANIEL A          | Awarded. Non-fellowships only | 1997/08/01 | 2028/06/30 | \$1,168,833  | \$1,168,833  | \$725,195    | \$645,802   |
| 4,078 | T32DK007061 | 5T32DK007061-51 | VANDERBILT UNIVERSITY MEDICAL CENTER    | Research Training in Diabetes and Endocrinology  | NISWENDER, KEVIN D       | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$1,471,478  | \$1,471,478  | \$1,291,356  | \$327,807   |
| 4,079 | T32DK007703 | 5T32DK007703-30 | HARVARD SCHOOL OF PUBLIC HEALTH         | TRAINING GRANT IN ACADEMIC NUTRITION   | HU, FRANK B              | Awarded. Non-fellowships only | 1994/08/01 | 2025/07/31 | \$1,502,672  | \$1,502,672  | \$1,701,284  | \$350,884   |
| 4,080 | T32CA009615 | 5T32CA009615-35 | UNIVERSITY OF PENNSYLVANIA              | Cancer Center Research Training Program  | HUNGER, STEPHEN PATRICK  | Awarded. Non-fellowships only | 1988/08/01 | 2025/06/30 | \$2,257,305  | \$2,257,305  | \$2,142,947  | \$499,533   |
| 4,081 | T32GM145441 | 5T32GM145441-03 | UNIVERSITY OF IOWA                      | Predoctoral Training Program in Genetics   | EBERL, DANIEL F          | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$941,154    | \$941,154    | \$794,832    | \$324,876   |
| 4,082 | T32GM145427 | 5T32GM145427-03 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | UC San Diego Genetics Training Program   | HAMILTON, BRUCE A        | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,640,839  | \$1,640,839  | \$1,393,879  | \$566,075   |
| 4,083 | F32MH132145 | 5F32MH132145-02 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Nanoparticle Coated Microelectrode Arrays for Electrochemically Controlled Gene Editing at the Electrode Site      | WILLIAMS, NATHANIEL P    | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$162,364    | \$162,364    | \$111,955    | \$83,784    |
| 4,084 | T32GM141742 | 5T32GM141742-04 | UNIVERSITY OF COLORADO DENVER           | Predoctoral Training in the Genetics of Development, Disease and Regeneration                                      | MOORE, JEFFREY KYLE      | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,340,182  | \$1,340,182  | \$1,111,351  | \$258,252   |
| 4,085 | F30AI160898 | 5F30AI160898-04 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Age in dengue antibody response and risk after primary natural infection   | ZHU, DEANNA              | Awarded. Fellowships only     | 2021/07/01 | 2026/06/30 | \$170,347    | \$170,347    | \$155,626    | \$53,787    |
| 4,086 | T32GM132083 | 5T32GM132083-05 | WEILL MEDICAL COLL OF CORNELL UNIV      | Tri-Institutional PhD Program in Computational Biology and Medicine  | LESLIE, CHRISTINA S      | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$2,534,186  | \$2,534,186  | \$2,071,542  | \$513,604   |
| 4,087 | F31NR020426 | 5F31NR020426-02 | UNIVERSITY OF WASHINGTON                | Sleep-Wake Cycles of Individuals with Inflammatory Bowel Disease   | YOO, LINDA               | Awarded. Fellowships only     | 2023/09/16 | 2025/09/15 | \$99,668     | \$99,668     | \$97,378     | \$51,974    |
| 4,088 | T32GM007200 | 5T32GM007200-50 | WASHINGTON UNIVERSITY                   | National Research Service Award-Medical Scientist  | YOKOYAMA, WAYNE M        | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$13,198,173 | \$13,198,173 | \$12,117,408 | \$2,757,052 |
| 4,089 | T32AI007528 | 5T32AI007528-25 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Molecular Mechanisms of Microbial Pathogenesis Training Program  | CARRUTHERS, VERNON BRUCE | Awarded. Non-fellowships only | 1998/09/30 | 2025/08/31 | \$1,955,503  | \$1,955,503  | \$1,875,811  | \$405,715   |
| 4,090 | F30DE031182 | 5F30DE031182-04 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The Effect of Processed Grain Consumption on the Dentogingival Microbiome and Host Response in Periodontal Disease | SEDGHI, LEA MARYAM       | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$204,180    | \$204,180    | \$192,103    | \$54,774    |
| 4,091 | T32HL166128 | 5T32HL166128-02 | OREGON HEALTH & SCIENCE UNIVERSITY      | Training in Translational Science and Cardiovascular Research  | ALKAYED, NABIL J         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,095,781  | \$1,095,781  | \$391,181    | \$566,018   |

|       |             |                   |   |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,092 | T32NS047996 | 5T32NS047996-19   | UNIVERSITY OF CINCINNATI                | Cerebrovascular Fellowship Training Program   | WOO, DANIEL                | Awarded. Non-fellowships only | 2006/07/01 | 2026/06/30 | \$1,092,657 | \$1,092,657 | \$935,551   | \$1       |
| 4,093 | F32MH133387 | 5F32MH133387-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Reorganization of cortical memory ensembles across time   | ZEIDLER, ZACHARY E         | Awarded. Fellowships only     | 2023/06/01 | 2027/01/31 | \$150,684   | \$150,684   | \$135,075   | \$78,892  |
| 4,094 | F31NR020843 | 5F31NR020843-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | The Role of Structural and Interpersonal Discrimination on Latina Mother and Child Immune Pathways  | HARRIS, REBECA ALVARADO    | Awarded. Fellowships only     | 2023/06/15 | 2025/05/14 | \$75,443    | \$75,443    | \$68,625    | \$34,853  |
| 4,095 | F31EY036262 | 1F31EY036262-01   | MEDICAL COLLEGE OF WISCONSIN            | Expanding the Accessibility and Quality of Ophthalmic Imaging through Optical Elements and Modeling   | WOEHLKE, RUTH E            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$38,628    | \$48,974  |
| 4,096 | F32AG087636 | 1F32AG087636-01   | COLORADO STATE UNIVERSITY               | Mitochondria-derived dsRNA in brain aging and Alzheimers disease  | DOSER, RACHEL              | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$151,040   | \$74,284    | \$63,418    | \$74,284  |
| 4,097 | F32GM154455 | 1F32GM154455-01   | VANDERBILT UNIVERSITY                   | Analysis of oxidative stress through deep atomic embeddings   | BELL, ERIC WILLIAM         | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$74,284    | \$74,284    | \$34,200    | \$74,284  |
| 4,098 | F30MH135712 | 1F30MH135712-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Mapping cell type specific isoform diversity in the human brain: dissecting mechanisms of alternative splicing in ASD                       | MARGOLIS, MICHAEL          | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$41,308    | \$41,308    | \$26,359    | \$41,308  |
| 4,099 | T32CA082088 | 5T32CA082088-25   | SLOAN-KETTERING INST CAN RESEARCH       | T32 Urologic Oncology Research Training Program   | CARVER, BRETT STEWART      | Awarded. Non-fellowships only | 1999/09/01 | 2025/07/31 | \$1,783,692 | \$1,783,692 | \$1,652,593 | \$383,552 |
| 4,100 | T32CA009337 | 5T32CA009337-44   | HARVARD SCHOOL OF PUBLIC HEALTH         | Training Grant in Quantitative Sciences for Cancer Research   | PARMIGIANI, GIOVANNI LUIGI | Awarded. Non-fellowships only | 1979/06/01 | 2026/07/31 | \$2,384,973 | \$2,384,973 | \$2,255,454 | \$611,073 |
| 4,101 | T32NS007292 | 5T32NS007292-39   | BRANDEIS UNIVERSITY                     | Quantitative Neuroscience: Tools for Bridging Levels of Analysis  | TURRIGIANO, GINA G         | Awarded. Non-fellowships only | 1986/07/01 | 2026/06/30 | \$2,370,514 | \$2,370,514 | \$2,077,657 | \$448,456 |
| 4,102 | T32HL158290 | 5T32HL158290-04   | TULANE UNIVERSITY OF LOUISIANA          | Tulane University Training Program for Diversity in tRanslation and Implementation research in cardioVascular disEase (DRIVE)               | BAZZANO, LYDIA             | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$852,744   | \$852,744   | \$755,887   | \$214,496 |
| 4,103 | F31GM154466 | 1F31GM154466-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Defining the role of DUSP12 in the regulation of cell division and apoptosis.   | ABDUSAMAD, MAI             | Awarded. Fellowships only     | 2024/07/11 | 2026/01/10 | \$41,027    | \$41,027    | \$33,971    | \$41,027  |
| 4,104 | F31HL163924 | 5F31HL163924-03   | JOHNS HOPKINS UNIVERSITY                | GATA4 as a Modulator of Aortic Root Sensitivity to Mechanochemical Disruptions Caused by an Aneurysm-causing Mutation                       | BRAMEL, EMILY ELOISE       | Awarded. Fellowships only     | 2022/08/09 | 2025/08/08 | \$77,982    | \$77,982    | \$59,881    | \$0       |
| 4,105 | F31AI183829 | 1F31AI183829-01   | UNIVERSITY OF WASHINGTON                | Assessing the impact of water handling practices and seasonality on the effectiveness of a drinking water intervention in Beira, Mozambique | KANN, REBECCA SHIELDS      | Awarded. Fellowships only     | 2024/08/14 | 2027/08/13 | \$48,974    | \$48,974    | \$35,568    | \$48,974  |
| 4,106 | F31NS137783 | 1F31NS137783-01   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR | Contribution of Levodopa to Brain Iron Accumulation   | SERPA, REBECCA OLIVEIRA    | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$35,998    | \$35,998    | \$27,844    | \$35,998  |
| 4,107 | F31AA031426 | 1F31AA031426-01A1 | UNIVERSITY OF COLORADO DENVER           | Investigating the Role of Wnt3a and Wnt5a as Factors of Hepatic Stellate Cell Activation in Alcohol-Related Liver Fibrosis                  | RUTT, LAUREN               | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$35,974    | \$35,974    | \$30,558    | \$35,974  |
| 4,108 | T32CA101642 | 5T32CA101642-19   | UNIVERSITY OF TX MD ANDERSON CAN CTR    | Training of Academic Gynecologic Oncologists  | SOOD, ANIL K               | Awarded. Non-fellowships only | 2005/09/15 | 2026/06/30 | \$2,168,758 | \$2,168,758 | \$1,922,003 | \$587,271 |
| 4,109 | T32DK067009 | 5T32DK067009-20   | UNIVERSITY OF COLORADO DENVER           | Institutional Training Grant in Pediatric Gastroenterology  | SOKOL, RONALD J            | Awarded. Non-fellowships only | 2005/07/01 | 2025/06/30 | \$2,016,006 | \$2,016,006 | \$1,711,308 | \$442,975 |
| 4,110 | F31DK135368 | 5F31DK135368-02   | CLEVELAND CLINIC LERNER COM-CWU         | Human iPSC-derived Podocytes to Study APOL1 High-Risk Variants  | HAINES, LAUREN ELIZABETH   | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$74,936    | \$74,936    | \$65,738    | \$38,108  |
| 4,111 | F31AG084192 | 1F31AG084192-01A1 | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Role of Chaperone-Mediated Autophagy in Cellular Senescence   | SEREDA, REBECCA Z          | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$36,715    | \$48,974  |

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|-------|-------------|-------------------|---|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,112 | F31MH135713 | 1F31MH135713-01A1 | UNIVERSITY OF CENTRAL FLORIDA                                 | Applying Harm Reduction to Binge Eating Disorder: An Investigation of Protective Behavioral Strategies Against Uncontrolled Eating                   | BURR, EMILY K             | Awarded. Fellowships only     | 2024/05/22 | 2026/11/20 | \$37,764    | \$37,764    | \$36,117    | \$37,764  |
| 4,113 | F31HL174133 | 1F31HL174133-01   | GEORGIA INSTITUTE OF TECHNOLOGY                               | Engineering 3D microtissues of pulmonary fibrosis.   | NIEVES, ELISA B           | Awarded. Fellowships only     | 2024/08/19 | 2027/08/18 | \$48,974    | \$48,974    | \$15,553    | \$48,974  |
| 4,114 | F31CA281063 | 1F31CA281063-01A1 | BAYLOR COLLEGE OF MEDICINE                                    | Unveiling how the molecular landscape of TNBC sculps intratumoral macrophage origin and function   | RIVAS, CHARLOTTE HELENA   | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$51,974    | \$51,974    | \$42,213    | \$51,974  |
| 4,115 | F30GM151855 | 5F30GM151855-02   | WAYNE STATE UNIVERSITY  | The Interplay of Host Genetic Variation and the Gut Microbiome in Crohns Disease   | NIRMALAN, SHREYA          | Awarded. Fellowships only     | 2023/08/17 | 2027/08/16 | \$96,028    | \$96,028    | \$68,845    | \$48,654  |
| 4,116 | F31GM154412 | 1F31GM154412-01   | UNIVERSITY OF PENNSYLVANIA                                    | The Role of Post-Translational Modifications in Bacterial Responses to Methylglyoxal   | ALEXANDER, SARA           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974    | \$48,974    | \$43,363    | \$48,974  |
| 4,117 | F31DA056202 | 5F31DA056202-03   | VANDERBILT UNIVERSITY   | Estrogen receptor regulation of cocaine effects on dopamine terminals  | ERICKSON, KIRSTY R        | Awarded. Fellowships only     | 2022/09/01 | 2026/06/30 | \$114,013   | \$114,013   | \$90,109    | \$34,279  |
| 4,118 | F30DA057845 | 5F30DA057845-02   | UNIVERSITY OF WASHINGTON                                      | Delineating how Calca neurons in the parabrachial nucleus mediate chronic pain   | CONDON, LOGAN FRANCIS     | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$87,896    | \$87,896    | \$76,767    | \$44,588  |
| 4,119 | F30HD115391 | 1F30HD115391-01   | UNIVERSITY OF UTAH  | Paternal age effect mutations as selfish drivers of germline stem cell clonality   | WEBER, JENNA MICOLE       | Awarded. Fellowships only     | 2024/07/01 | 2029/06/30 | \$39,983    | \$39,983    | \$33,196    | \$39,983  |
| 4,120 | F31AI179235 | 1F31AI179235-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES                          | Unraveling alphavirus neuroinvasion: Molecular insights from a stem cell based blood-brain barrier model   | ALVAREZ, PABLO            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$44,671    | \$44,671    | \$32,665    | \$44,671  |
| 4,121 | F30HD113231 | 5F30HD113231-02   | UNIVERSITY OF MIAMI SCHOOL OF MEDICINE                        | Mechanisms of Neurodegeneration in CMT4B3: a Complex Pediatric Neurodevelopmental Disorder   | JACOBS, ELIZABETH HALEY   | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$106,668   | \$106,668   | \$91,251    | \$53,974  |
| 4,122 | F31DA059248 | 5F31DA059248-02   | YALE UNIVERSITY   | Investigating the role of substance use exposure and maternal psychological risk on child neural and behavioral assessments of executive functioning | FUNARO, KATHRYN MARY WALL | Awarded. Fellowships only     | 2023/09/01 | 2026/09/29 | \$81,670    | \$81,670    | \$61,065    | \$33,976  |
| 4,123 | F32DK137555 | 1F32DK137555-01A1 | UNIVERSITY OF ILLINOIS AT CHICAGO                             | Targeting SOX2 expression in prostatic regeneration and enlargement  | VELLKY, JORDAN ELIZABETH  | Awarded. Fellowships only     | 2024/05/15 | 2025/05/14 | \$76,756    | \$76,756    | \$76,756    | \$76,756  |
| 4,124 | F31DA059249 | 1F31DA059249-01A1 | UNIVERSITY OF WASHINGTON                                      | The role of corticotropin-releasing factor in modulating accumbal dopamine and producing escalation of drug intake                                   | GORDON-FENNELL, LYDIA     | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$45,255    | \$45,255    | \$45,255    | \$45,255  |
| 4,125 | T32HL110837 | 5T32HL110837-13   | UNIVERSITY OF MISSOURI KANSAS CITY                            | CARDIOVASCULAR OUTCOMES RESEARCH TRAINING PROGRAM  | SPERTUS, JOHN A           | Awarded. Non-fellowships only | 2012/07/01 | 2027/06/30 | \$1,215,609 | \$1,215,609 | \$1,167,866 | \$404,217 |
| 4,126 | F31HD113221 | 1F31HD113221-01A1 | UNIVERSITY OF OKLAHOMA  | Network mechanisms underlying core behavioral features in Fragile X Syndrome   | NORRIS, JORDAN            | Awarded. Fellowships only     | 2024/08/16 | 2026/08/15 | \$42,574    | \$42,574    | \$27,593    | \$42,574  |
| 4,127 | F31HL173985 | 1F31HL173985-01   | HENRY FORD HEALTH + MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Role of Vascular Chemerin as a Regulator of Blood Pressure and Contributor to Cardiovascular Disease   | WABEL, EMMA               | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$43,690    | \$43,690    | \$10,063    | \$43,690  |
| 4,128 | TL1DK139567 | 5TL1DK139567-02   | UNIV OF NORTH CAROLINA CHAPEL HILL                            | TRIO NRSA Training Core  | HOGAN, SUSAN LYNN         | Awarded. Non-fellowships only | 2023/09/01 | 2028/06/30 | \$1,558,299 | \$1,558,299 | \$819,206   | \$767,246 |
| 4,129 | F32EY034358 | 5F32EY034358-03   | BAYLOR COLLEGE OF MEDICINE                                    | Mechanisms that govern dopaminergic amacrine cell diversity  | MACKIN, ROBERT            | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$216,430   | \$216,430   | \$166,101   | \$76,756  |
| 4,130 | F31NS137619 | 1F31NS137619-01   | UNIVERSITY OF COLORADO DENVER                                 | Mechanisms of transcriptional regulation to control inhibitory synaptic plasticity   | WOLFE, SARAH E            | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$36,591    | \$36,591    | \$30,178    | \$36,591  |
| 4,131 | F32AI178962 | 1F32AI178962-01A1 | UNIVERSITY OF MINNESOTA                                       | Determining factors of inflammation that support the expansion and function of long-lived effector cell CD8 T cells in a mature memory compartment   | LUCAS, ERIN D             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$81,256    | \$81,256    | \$49,002    | \$81,256  |
| 4,132 | F30AG074598 | 5F30AG074598-03   | HARVARD MEDICAL SCHOOL  | Behavioral, molecular, and functional dissection of corticospinal neurons in motor performance deficits of physiological and pathological aging      | WINTER, CARLA             | Awarded. Fellowships only     | 2022/07/01 | 2025/11/30 | \$145,682   | \$145,682   | \$140,978   | \$53,974  |

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|-------|-------------|-------------------|---|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,133 | F31DA059266 | 5F31DA059266-02   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Microglia-neuron dopamine signaling - a novel mechanism of dopamine circuit modulation   | HAYS, EMMA                   | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$94,908    | \$94,908    | \$94,908    | \$47,374  |
| 4,134 | F32EY034760 | 5F32EY034760-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Understanding the Role of GARP Proteins in Rod Outer Segment Disc Formation and Retinal Degeneration                                   | NAYLOR, MOLLY                | Awarded. Fellowships only     | 2023/08/26 | 2026/08/25 | \$156,084   | \$156,084   | \$120,676   | \$81,592  |
| 4,135 | F30DE033234 | 5F30DE033234-02   | UNIVERSITY OF MINNESOTA                 | Binding specificity and transcriptional regulation of antigen I/II adhesins in Streptococcus gordonii                                  | AITKEN, SARAH                | Awarded. Fellowships only     | 2023/08/14 | 2027/07/31 | \$91,917    | \$91,917    | \$86,818    | \$46,921  |
| 4,136 | F31HD113222 | 5F31HD113222-02   | DUKE UNIVERSITY                         | Transposable element mobilization during spermatogenesis in Drosophila   | TRACY, LAUREN ANN            | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$82,422    | \$82,422    | \$68,103    | \$42,135  |
| 4,137 | F31AI183707 | 1F31AI183707-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Investigating the molecular composition of the parasitophorous vacuole during Encephalitozoon intestinalis infection                   | MCCARTY, KACIE               | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$41,614    | \$41,614    | \$16,463    | \$41,614  |
| 4,138 | F31HD115372 | 1F31HD115372-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Effects of state-level initiatives to reduce early-term elective deliveries on maternal and newborn outcomes                           | HUGHES, CAROLYN SMITH        | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$51,974    | \$51,974    | \$38,407    | \$51,974  |
| 4,139 | F31EY036754 | 1F31EY036754-01A1 | PURDUE UNIVERSITY                       | Characterizing Ahcy as a redox regulated enzyme in the Drosophila eye under oxidative stress   | STANHOPE, SARAH              | Awarded. Fellowships only     | 2024/03/28 | 2026/07/14 | \$48,974    | \$48,974    | \$23,603    | \$48,974  |
| 4,140 | F32GM151845 | 5F32GM151845-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Defining the biological roles of the 2,3-cyclic phosphatases Angel1 and Angel2   | DOWDLE, MEGAN ELIZABETH      | Awarded. Fellowships only     | 2024/01/17 | 2027/01/16 | \$149,601   | \$149,601   | \$75,394    | \$78,073  |
| 4,141 | T32CA250803 | 5T32CA250803-05   | YALE UNIVERSITY                         | The Yale Cancer Prevention and Control Training Program  | IRWIN, MELINDA L             | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,397,212 | \$1,397,212 | \$1,059,324 | \$307,095 |
| 4,142 | F32AI183749 | 1F32AI183749-01   | VIRGINIA COMMONWEALTH UNIVERSITY        | Anaplasma phagocytophilum exploitation of regulated exocytosis.  | CHIARELLI, TRAVIS JOSEPH     | Awarded. Fellowships only     | 2024/05/25 | 2027/05/24 | \$73,408    | \$73,408    | \$70,088    | \$73,408  |
| 4,143 | F31NS137770 | 1F31NS137770-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Interrogation of non-canonical roles of VGSCs in neurodevelopmental epilepsy   | HELMS, KYLE                  | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$44,270    | \$48,974  |
| 4,144 | F31HL165896 | 5F31HL165896-03   | UNIVERSITY OF CONNECTICUT STORRS        | The role of presynaptic C1QL3 in a hypothalamic arousal circuit  | ARMSTRONG, WILLIAM PATRICK   | Awarded. Fellowships only     | 2022/08/19 | 2026/08/18 | \$143,420   | \$143,420   | \$130,614   | \$48,974  |
| 4,145 | T32CA106209 | 5T32CA106209-19   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Biostatistics for Research in Genomics and Cancer  | IBRAHIM, JOSEPH G            | Awarded. Non-fellowships only | 2004/05/01 | 2026/07/31 | \$955,956   | \$955,956   | \$871,858   | \$257,213 |
| 4,146 | F31AG087629 | 1F31AG087629-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Cell-type-specific dissection of retrosplenial circuits in preclinical models of Alzheimers disease                                    | RYBICKI-KLER, CHLOE ISABELLA | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$42,459    | \$42,459    | \$39,980    | \$42,459  |
| 4,147 | F31AI183638 | 1F31AI183638-01   | UNIVERSITY OF NOTRE DAME                | Impact of insecticide control measures and temperature on Dengue Virus transmission by Aedes aegypti mosquitoes                        | HEFFERNAN, PATRICK           | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$48,974    | \$48,974    | \$25,674    | \$48,974  |
| 4,148 | F30AG084312 | 1F30AG084312-01A1 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Investigating the Impacts of Pharmacological Slow Wave Sleep Enhancement on Cognition and Memory Traces in an Alzheimers Disease Model | JIN, MICHELLE                | Awarded. Fellowships only     | 2024/07/03 | 2028/07/02 | \$50,414    | \$50,414    | \$50,414    | \$50,414  |
| 4,149 | T34GM146603 | 5T34GM146603-03   | MORGAN STATE UNIVERSITY                 | BRIDGE to the Baccalaureate Program at Morgan State University   | BROWN, LISA D                | Awarded. Non-fellowships only | 2022/09/07 | 2027/07/31 | \$610,330   | \$610,330   | \$172,030   | \$244,858 |
| 4,150 | F30HL165692 | 5F30HL165692-03   | UNIVERSITY OF IOWA                      | Using a Molecular Toolkit to Examine Potassium Channel Gating and Regulation   | SCHENE, MIRANDA              | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$123,800   | \$123,800   | \$86,042    | \$47,778  |
| 4,151 | F31NS137668 | 1F31NS137668-01   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Regulation of Presynaptic Gene Transcripts During Synaptogenesis   | ROGOW, JACKSON A             | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$36,825    | \$48,974  |
| 4,152 | F31AG087648 | 1F31AG087648-01   | UNIVERSITY OF CALIFORNIA BERKELEY       | Network drivers of regional vulnerability to early Alzheimers disease pathology  | FONSECA, CORRINA             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$45,965    | \$45,965    | \$33,416    | \$45,965  |
| 4,153 | F32ES035254 | 5F32ES035254-02   | UNIVERSITY OF TEXAS AT AUSTIN           | Interactive Effects of Prenatal Bisphenol Exposure and Postnatal Maternal Care on DNA Methylation in the Developing Brain              | LAUBY, SAMANTHA              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$150,664   | \$150,664   | \$119,647   | \$78,960  |

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|-------|-------------|-------------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,154 | T32EB014836 | 5T32EB014836-10   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Studies in Translational Regenerative Medicine  | ATALA, ANTHONY           | Awarded. Non-fellowships only | 2013/09/01 | 2026/06/23 | \$822,390   | \$822,390   | \$801,295   | \$199,623 |
| 4,155 | F32AI176810 | 5F32AI176810-02   | UNIVERSITY OF PENNSYLVANIA               | Regulation of the intestinal colonization niche by epithelial cell death  | MILLER, BRITTANY MARIE   | Awarded. Fellowships only     | 2023/08/01 | 2026/04/30 | \$143,364   | \$143,364   | \$112,872   | \$74,284  |
| 4,156 | F32MD019534 | 1F32MD019534-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Examining Racial Disparities in Predictive Modeling Among Survivors of Critical Illness   | NAIDITCH, HIAM           | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$90,932    | \$90,932    | \$65,059    | \$90,932  |
| 4,157 | F31AG084308 | 1F31AG084308-01A1 | UNIVERSITY OF CALIFORNIA-IRVINE          | Cerebrovascular and neurophysiological mechanisms of sleep-dependent memory impairment in older adults at risk for Alzheimers disease                           | BERISHA, DESTINY         | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$40,527    | \$40,527    | \$31,119    | \$40,527  |
| 4,158 | F31DA060690 | 1F31DA060690-01   | DARTMOUTH COLLEGE                        | Evaluation of a Pharmacist-Integrated Model of Opioid Use Disorder Treatment to Increase Naloxone Co-Prescribing in Primary Care                                | BOGGIS, JESSE S          | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$48,974    | \$48,974    | \$28,269    | \$48,974  |
| 4,159 | F31NS134318 | 1F31NS134318-01A1 | CARNEGIE-MELLON UNIVERSITY               | Identifying and targeting neural subpopulations of the spinal cord that mediate chronic pain via cell-type-specific cis-regulatory elements                     | LEONE, MICHAEL           | Awarded. Fellowships only     | 2024/07/05 | 2027/07/04 | \$48,974    | \$48,974    | \$39,004    | \$48,974  |
| 4,160 | F31CA284879 | 5F31CA284879-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Mechanism of cell lethality following loss of gene expression.  | HARPER, NICHOLAS WADE    | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$66,236    | \$66,236    | \$58,771    | \$33,758  |
| 4,161 | F31CA284510 | 5F31CA284510-02   | UT SOUTHWESTERN MEDICAL CENTER           | Non-cell autonomous consequences of cytoplasmic DNA   | MAURAI, ELIZABETH        | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$78,142    | \$78,142    | \$65,757    | \$39,711  |
| 4,162 | T34GM142618 | 5T34GM142618-04   | NORTHERN ARIZONA UNIVERSITY              | Bridging Arizona Native American Students to Bachelor Degrees   | INGRAM, JANI CHERI       | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$743,751   | \$743,751   | \$578,869   | \$211,163 |
| 4,163 | F30CA265012 | 5F30CA265012-03   | HARVARD MEDICAL SCHOOL                   | Metabolomic signatures of inflammation and metabolic health in relation to colorectal cancer risk   | BEVER, ALAINA            | Awarded. Fellowships only     | 2022/09/30 | 2026/09/29 | \$132,786   | \$132,786   | \$121,026   | \$53,974  |
| 4,164 | F31HD113443 | 1F31HD113443-01A1 | PRINCETON UNIVERSITY                     | Characterizing the interpretation and generation of Erk signaling dynamics using high-throughput genetics   | SOLLEY, SABRINA          | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$32,974    | \$32,974    | \$21,168    | \$32,974  |
| 4,165 | F31AT012589 | 1F31AT012589-01A1 | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Benefits of panaxynol on gut resilience in colitis  | BULLARD, BROOKE          | Awarded. Fellowships only     | 2024/06/06 | 2027/06/05 | \$38,353    | \$38,353    | \$32,201    | \$38,353  |
| 4,166 | T32HG000047 | 5T32HG000047-25   | UNIVERSITY OF CALIFORNIA BERKELEY        | Genomics  | ROKHSAR, DANIEL SOLEYMAN | Awarded. Non-fellowships only | 2000/09/01 | 2025/06/30 | \$1,301,076 | \$1,301,076 | \$1,258,213 | \$236,758 |
| 4,167 | F32GM145123 | 5F32GM145123-03   | CALIFORNIA INSTITUTE OF TECHNOLOGY       | Dearomatization of Planar Aromatic Cores into Three-Dimensional Scaffolds with Defined Stereochemistry  | SICINSKI, KATHLEEN M     | Awarded. Fellowships only     | 2022/09/06 | 2025/09/05 | \$213,430   | \$213,430   | \$179,901   | \$76,756  |
| 4,168 | T32DC000014 | 5T32DC000014-44   | MONELL CHEMICAL SENSES CENTER            | Interdisciplinary Training in the Chemical Senses   | MAINLAND, JOEL D         | Awarded. Non-fellowships only | 1979/07/01 | 2027/06/30 | \$1,135,082 | \$1,135,082 | \$756,543   | \$430,543 |
| 4,169 | F31NS134151 | 5F31NS134151-02   | YALE UNIVERSITY                          | Defining the Role of Lactate in Axon Degeneration   | TAL, HADAS               | Awarded. Fellowships only     | 2023/08/01 | 2028/07/31 | \$66,504    | \$66,504    | \$51,445    | \$33,892  |
| 4,170 | F32AI183633 | 1F32AI183633-01   | DUKE UNIVERSITY                          | Defining cell-intrinsic trophoblast defenses to HCMV infection  | HATTERSCHIDE, JOSHUA     | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$74,284    | \$74,284    | \$65,177    | \$74,284  |
| 4,171 | F31MH130041 | 5F31MH130041-03   | UNIVERSITY OF WASHINGTON                 | Attending to the "whole" child in mental health care: Utilizing a partnership approach to address social risk factors alongside an evidence-based psychotherapy | JOHNSON, CLARA           | Awarded. Fellowships only     | 2022/08/16 | 2025/08/15 | \$143,420   | \$143,420   | \$125,089   | \$48,974  |
| 4,172 | T32AI007392 | 5T32AI007392-35   | DUKE UNIVERSITY                          | Interdisciplinary Research Training Program in AIDS   | THIELMAN, NATHAN M       | Awarded. Non-fellowships only | 1990/08/01 | 2025/08/31 | \$2,207,388 | \$2,207,388 | \$2,029,670 | \$362,695 |
| 4,173 | F30ES035622 | 1F30ES035622-01A1 | UNIVERSITY OF IOWA                       | The Effects of Polychlorinated Biphenyls on Adipocyte-Macrophage Crosstalk  | BEHAN-BUSH, RILEY        | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$40,427    | \$40,427    | \$25,779    | \$40,427  |

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|-------|-------------|-----------------|--|--|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,174 | F32EY034017 | 5F32EY034017-02 | UNIVERSITY OF CALIFORNIA AT DAVIS        | Eye tracking and computational approaches to understand the roles of maturation and experience in infant looking                       | HUNTER, BRIANNA KEENAN    | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$148,864   | \$148,864   | \$71,580    | \$77,284    |
| 4,175 | F32HL167667 | 5F32HL167667-02 | UNIVERSITY OF WASHINGTON                 | Temporal trends in quality indicators of palliative care for patients with chronic illness hospitalized with acute respiratory failure | NOMITCH, JAMIE TREADWAY   | Awarded. Fellowships only     | 2023/05/01 | 2025/07/08 | \$172,692   | \$172,692   | \$146,813   | \$89,188    |
| 4,176 | F31AA031157 | 5F31AA031157-02 | UNIVERSITY OF WISCONSIN MILWAUKEE        | Alcohol Use and Mental Health as Predictors of Intimate Partner Violence from Adolescence to Young Adulthood                           | GROCOTT, LAUREN           | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$81,178    | \$81,178    | \$72,049    | \$41,229    |
| 4,177 | F31HL165730 | 5F31HL165730-03 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Quantitative Magnetic Resonance Properties of Cerebrospinal Fluid and Brain Health Outcomes in Pediatric Congenital Heart Disease      | LEE, VINCENT KYU          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$110,632   | \$48,974    |
| 4,178 | F32MH134528 | 5F32MH134528-02 | EMORY UNIVERSITY                         | Sex differences in traumatic brain injury: Neural circuit mediators of overlapping stress and physical effects                         | HUIBREGTSE, MEGAN E       | Awarded. Fellowships only     | 2023/07/14 | 2025/07/13 | \$157,864   | \$157,864   | \$122,229   | \$81,784    |
| 4,179 | TL1DK136047 | 5TL1DK136047-03 | EMORY UNIVERSITY                         | Atlanta Network for Training In KUH Scientific Research (ATLANTIS)   | SHEEHAN, VIVIAN ANDREA    | Awarded. Non-fellowships only | 2022/09/15 | 2027/06/30 | \$1,747,054 | \$1,747,054 | \$1,015,990 | \$232,709   |
| 4,180 | T32GM136540 | 5T32GM136540-04 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Pre-doctoral Training in Fundamental Approaches to Biochemistry and Cell and Molecular Biology   | GEHRING, MARY             | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$6,263,655 | \$6,263,655 | \$5,306,811 | \$1,648,078 |
| 4,181 | F31AG087599 | 1F31AG087599-01 | JOHNS HOPKINS UNIVERSITY                 | Investigating physiological pathways modulating tau homeostasis: potential implications for Alzheimers Disease and Related Dementia    | JIMENEZ-ORNELAS, CONSUELO | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$43,663    | \$48,974    |
| 4,182 | F31CA284655 | 5F31CA284655-02 | UNIV OF ARKANSAS FOR MED SCIS            | Targeting Notch3 for the treatment of multiple myeloma   | SABOL, HAYLEY             | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$77,225    | \$77,225    | \$69,157    | \$39,248    |
| 4,183 | F31NS127518 | 5F31NS127518-02 | HARVARD UNIVERSITY                       | Subcellular Proteomic Investigation of Projection Neuron Growth Cones in Developing Mouse Cortex                                       | TILLMAN, DUSTIN ELIOT     | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$75,612    | \$75,612    | \$62,754    | \$38,446    |
| 4,184 | T32CA251064 | 5T32CA251064-05 | UNIVERSITY OF MIAMI CORAL GABLES         | Cancer Training in Disparities and Equity (C-TIDE)   | PENEDO, FRANK J           | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,387,265 | \$2,387,265 | \$1,918,786 | \$504,338   |
| 4,185 | F32GM154453 | 1F32GM154453-01 | UNIVERSITY OF WASHINGTON                 | Investigating the Structure and Regulation of PFK  | SALAY, LAUREN             | Awarded. Fellowships only     | 2024/08/16 | 2027/08/15 | \$76,756    | \$76,756    | \$50,927    | \$76,756    |
| 4,186 | T32DK108736 | 5T32DK108736-08 | UNIVERSITY OF FLORIDA                    | Interdisciplinary Graduate Program in Type 1 Diabetes and Biomedical Engineering   | ATKINSON, MARK A          | Awarded. Non-fellowships only | 2017/09/01 | 2027/08/31 | \$616,896   | \$616,896   | \$514,968   | \$184,007   |
| 4,187 | F31HL167561 | 5F31HL167561-02 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Addressing the Racial Disparity of Angiotensin Inhibitor Benefit in HFref Hospitalizations: Distinguishing Genomic and Social Factors  | LITTLETON, SHANA DENISE   | Awarded. Fellowships only     | 2023/05/15 | 2025/07/28 | \$82,354    | \$82,354    | \$82,354    | \$41,817    |
| 4,188 | F32HL168809 | 5F32HL168809-02 | UNIVERSITY OF WASHINGTON                 | Determinants of long-term outcomes and heterogeneity in Gram-negative community-acquired pneumonia                                     | COSTON, TAYLOR DAVID      | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$180,996   | \$180,996   | \$152,644   | \$94,528    |
| 4,189 | F30DC020642 | 5F30DC020642-03 | GEORGETOWN UNIVERSITY                    | Development of White Matter Language Tracts after Early Life Epilepsy and Stroke   | MARCELLE, MADELINE        | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$123,020   | \$123,020   | \$106,742   | \$53,974    |
| 4,190 | T32AR050958 | 5T32AR050958-19 | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Training Grant in Inflammatory and Fibrosing Diseases  | GILKESON, GARY S          | Awarded. Non-fellowships only | 2005/07/01 | 2026/07/31 | \$818,237   | \$818,237   | \$731,173   | \$186,131   |
| 4,191 | T34GM150442 | 5T34GM150442-02 | CALIFORNIA STATE UNIVERSITY LOS ANGELES  | Bridges to the Baccalaureate at Cal State LA   | TUNSTAD, LINDA M          | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$383,500   | \$383,500   | \$78,253    | \$284,310   |
| 4,192 | F30DK129003 | 5F30DK129003-04 | GEORGETOWN UNIVERSITY                    | Obeticholic acid as a novel treatment for Alport syndrome  | JONES, BRYCE ALAN         | Awarded. Fellowships only     | 2021/08/30 | 2025/08/26 | \$191,756   | \$191,756   | \$138,411   | \$53,974    |
| 4,193 | F31HL168828 | 5F31HL168828-02 | STATE UNIVERSITY NEW YORK STONY BROOK    | Elucidating the Roles of the Membrane-Binding Proteins ciBAR1 and ciBAR2 in Ciliogenesis   | KIM, EUNICE NA YOUNG      | Awarded. Fellowships only     | 2023/08/23 | 2026/08/22 | \$81,400    | \$81,400    | \$53,540    | \$41,340    |
| 4,194 | T32AI155392 | 5T32AI155392-04 | FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH | T32 Training Grant in Translational Immunology   | DAVIDSON, ANNE            | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$1,130,300 | \$1,130,300 | \$487,461   | \$333,436   |



|       |             |                 |   |  |                              |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|--|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,195 | T32CA236621 | 5T32CA236621-05 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Interdisciplinary Research Training Center in Cancer Care Delivery   | FRIESE, CHRISTOPHER R        | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,125,763 | \$2,125,763 | \$1,897,560 | \$468,121 |
| 4,196 | F32AI183634 | 1F32AI183634-01 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Uncovering the Roles of DNA-pkcs in Regulating R-loops during HPV Replication  | TEMPLETON, CONOR             | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$73,828    | \$73,828    | \$48,071    | \$73,828  |
| 4,197 | T32CA060397 | 5T32CA060397-30 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Postdoctoral Training in Head and Neck Oncology  | ZEVALLOS, JOSE P             | Awarded. Non-fellowships only | 1994/06/01 | 2026/06/30 | \$650,155   | \$650,155   | \$457,762   | \$156,944 |
| 4,198 | F32GM151778 | 5F32GM151778-02 | UNIVERSITY OF PENNSYLVANIA              | Cell-type specific assembly of apical extracellular matrices   | SCHMIDT, HELEN FRANCES       | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$146,256   | \$146,256   | \$124,242   | \$76,756  |
| 4,199 | T32HL007586 | 5T32HL007586-39 | UNIVERSITY OF PENNSYLVANIA              | TRAINING IN PULMONARY IMMUNOLOGY   | MEYER, NUALA JENNINGS        | Awarded. Non-fellowships only | 1985/07/01 | 2026/06/30 | \$2,025,388 | \$2,025,388 | \$1,803,860 | \$577,722 |
| 4,200 | F32GM151795 | 5F32GM151795-02 | HARVARD UNIVERSITY                      | Natural product discovery and biosynthetic pathway elucidation from the human pathogen Legionella                              | CUI, ZHENG                   | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$165,484   | \$165,484   | \$130,653   | \$86,932  |
| 4,201 | F31NS129545 | 5F31NS129545-02 | FRED HUTCHINSON CANCER CENTER           | In vivo mechanisms for integration of contextual information   | ROSERO, MANUEL               | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$87,390    | \$87,390    | \$73,358    | \$44,503  |
| 4,202 | F32GM154402 | 1F32GM154402-01 | PRINCETON UNIVERSITY                    | Photoredox-enabled deracemization: method development and mechanistic studies  | WANG, JUSTIN                 | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$78,892    | \$78,892    | \$56,728    | \$78,892  |
| 4,203 | F31AA030726 | 5F31AA030726-03 | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Hepatic Mitochondrial Respiratory Activation, Depolarization and Recovery After Acute Ethanol                                  | SAVOCA, MATTHEW              | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$135,785   | \$135,785   | \$119,056   | \$46,429  |
| 4,204 | F31AA031194 | 5F31AA031194-02 | UNIVERSITY OF COLORADO DENVER           | Regulation of hepatic lysine N-acetylation by cysteine proximity due to alcohol toxicity                                       | MCGINNIS, COURTNEY           | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$75,638    | \$75,638    | \$61,641    | \$38,459  |
| 4,205 | F31ES034304 | 5F31ES034304-02 | UNIVERSITY OF CALIFORNIA RIVERSIDE      | Maternal Transfer of Oxytocin and Thyroid-disrupting Indoor Flame Retardants Affecting Offspring Social Brain                  | KOZLOVA, ELENA V             | Awarded. Fellowships only     | 2023/07/15 | 2025/07/14 | \$83,379    | \$83,379    | \$62,345    | \$43,719  |
| 4,206 | T32GM141846 | 5T32GM141846-04 | UNIVERSITY OF CALIFORNIA SANTA BARBARA  | Predoctoral Training Program in Quantitative Mechanobiology  | PRUITT, BETH L               | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,218,770 | \$1,218,770 | \$1,054,920 | \$321,126 |
| 4,207 | F30NS124237 | 5F30NS124237-04 | WRIGHT STATE UNIVERSITY                 | Unfolding the Link Between the Endoplasmic Reticulum, AIS Shortening, and Cognitive Impairment in Type 2 Diabetes              | SHELBY, JENNAE NICOLLE       | Awarded. Fellowships only     | 2021/08/01 | 2025/07/31 | \$194,022   | \$194,022   | \$123,457   | \$53,774  |
| 4,208 | T35AG038027 | 5T35AG038027-15 | BRIGHAM AND WOMEN'S HOSPITAL            | Greater Boston Medical Student Training in Aging Research  | DRIVER, JANE A               | Awarded. Non-fellowships only | 2010/08/01 | 2025/07/31 | \$326,173   | \$326,173   | \$255,134   | \$4,915   |
| 4,209 | F31EY034792 | 5F31EY034792-02 | UNIVERSITY OF OREGON                    | The Impact of Natural Locomotion on Visual Processing  | SHARP, SHELBY L              | Awarded. Fellowships only     | 2023/09/15 | 2026/09/14 | \$95,282    | \$95,282    | \$65,725    | \$48,281  |
| 4,210 | F31CA268751 | 5F31CA268751-03 | TRUSTEES OF INDIANA UNIVERSITY          | Topoisomerase 1-catalyzed genomic ribonucleotide excision, its regulation, and its implication in transcription.               | SARRAIN, EDWARD JAMES        | Awarded. Fellowships only     | 2022/09/06 | 2026/09/05 | \$95,420    | \$95,420    | \$95,064    | \$32,974  |
| 4,211 | F31CA260945 | 5F31CA260945-03 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Characterizing the Role of NOTCH2 in Neuroendocrine Tumors   | HERRING, BRENDON ROBERT      | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$133,506   | \$133,506   | \$82,081    | \$51,750  |
| 4,212 | F32NS138246 | 1F32NS138246-01 | JOHNS HOPKINS UNIVERSITY                | Identifying Developmental and Degenerative Mechanisms of SMA Using Single Motor Neuron Nucleus RNA Sequencing                  | MOLOTSKY, ELANA              | Awarded. Fellowships only     | 2024/08/09 | 2026/08/08 | \$90,284    | \$90,284    | \$51,585    | \$90,284  |
| 4,213 | F32NS139284 | 1F32NS139284-01 | WASHINGTON UNIVERSITY                   | Investigating the role of CSF flow in regulating CNS-adjacent bone marrow-derived myeloid cell egress after spinal cord injury | PLOG, BENJAMIN ARTHUR        | Awarded. Fellowships only     | 2024/09/30 | 2026/08/31 | \$85,864    | \$85,864    | \$40,775    | \$85,864  |
| 4,214 | F30AG084193 | 5F30AG084193-02 | JOHNS HOPKINS UNIVERSITY                | The role of oligodendrocyte precursor cells in circuit remodeling in the mature brain  | KIM, ANYA                    | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$106,668   | \$106,668   | \$49,913    | \$53,974  |
| 4,215 | F32GM152977 | 5F32GM152977-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Connecting structure and fitness landscapes to overcome antibiotic resistance  | MACDONALD, CHRISTIAN BERNARD | Awarded. Fellowships only     | 2023/09/13 | 2025/09/12 | \$146,256   | \$146,256   | \$112,826   | \$76,756  |



|       |             |                   |   |  |                         |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,216 | F31HL162546 | 5F31HL162546-03   | UNIVERSITY OF PENNSYLVANIA              | Mechanisms and consequences of 3UTR isoform diversity in erythropoiesis  | GAZZARA, MATTHEW ROBERT | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$136,362   | \$136,362   | \$108,191   | \$39,416  |
| 4,217 | F31CA275289 | 5F31CA275289-02   | UNIVERSITY OF MINNESOTA                 | Elucidating the Role of Tregs in Cancer Metastasis and T Cell Dysfunction  | SCHMIECHEN, ZOE         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$66,514    | \$66,514    | \$60,932    | \$33,897  |
| 4,218 | T32AT003997 | 5T32AT003997-18   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Training Researchers in Clinical Integrative Medicine (TRIM)   | ADLER, SHELLEY R        | Awarded. Non-fellowships only | 2007/07/01 | 2027/08/31 | \$1,495,095 | \$1,495,095 | \$1,347,695 | \$533,880 |
| 4,219 | F31MH134567 | 5F31MH134567-02   | UNIVERSITY OF OREGON                    | Intimate self-disclosure and social media use in adolescent girls: Predicting depression from brain and behavior   | MCNEILLY, ELIZABETH ANN | Awarded. Fellowships only     | 2023/09/16 | 2025/07/31 | \$91,032    | \$91,032    | \$82,161    | \$44,031  |
| 4,220 | F31AI179292 | 1F31AI179292-01A1 | BOSTON UNIVERSITY MEDICAL CAMPUS        | Impact of Dolutegravir on Viral Suppression, Retention, and Risk of Non-Communicable Diseases among Persons Living with HIV in South Africa.                           | ZHENG, AMY              | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$39,566    | \$48,974  |
| 4,221 | F31AG084190 | 5F31AG084190-02   | UNIVERSITY OF CALIFORNIA-IRVINE         | Determining the mechanisms of the protective APOE3ch variant on Alzheimers Disease pathologies   | TRAN, KRISTINE MINH     | Awarded. Fellowships only     | 2023/08/10 | 2025/08/09 | \$88,929    | \$88,929    | \$74,590    | \$45,458  |
| 4,222 | F31AG084417 | 5F31AG084417-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Developing a Risk Index for Functional Decline in Middle-Aged and Older Adults with HIV  | HAM, LILLIAN            | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$82,112    | \$82,112    | \$40,289    | \$41,825  |
| 4,223 | F31DA059261 | 5F31DA059261-02   | UNIVERSITY OF MINNESOTA                 | Immunoprofiling of Opioid Use Disorder Patients to inform structure-guided design of opioid-specific monoclonal antibodies   | ZHANG, YUE              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$71,186    | \$71,186    | \$57,511    | \$36,233  |
| 4,224 | F32MH134449 | 5F32MH134449-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | The development of multimodal dynamics in a short-term memory system   | DAVIS, GREGORY PATRICK  | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$153,364   | \$153,364   | \$105,506   | \$79,284  |
| 4,225 | F31MH133356 | 5F31MH133356-02   | UNIVERSITY OF HOUSTON                   | Implementation and Scale-Up of a Caregiver Intervention for Mothers who have Survived Intimate Partner Violence: the Mediation Intervention for Sensitizing Caregivers | ALLMAN, MADELEINE ELISE | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$78,014    | \$78,014    | \$51,906    | \$39,647  |
| 4,226 | T32CA090314 | 2T32CA090314-21   | H. LEE MOFFITT CANCER CTR & RES INST    | Behavioral Oncology Education & Career Development   | VADAPARAMPIL, SUSAN T   | Awarded. Non-fellowships only | 2019/09/11 | 2029/08/31 | \$421,602   | \$421,602   | \$113,517   | \$421,602 |
| 4,227 | T32HL175782 | 1T32HL175782-01   | UNIVERSITY OF CALIFORNIA BERKELEY       | Training Health Equity ScholaRs in InnoVation, PrEvention, and Social Impact (THRIVES) Fellowship Program  | MUJAHID, MAHASIN S      | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$168,372   | \$168,372   | \$62,594    | \$168,372 |
| 4,228 | F31DC021376 | 5F31DC021376-02   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Alternative Orosensory Signals Contributing to Sugar Taste   | SIMENTAL-RAMOS, ARACELY | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$83,868    | \$83,868    | \$65,390    | \$42,574  |
| 4,229 | T32AI007363 | 2T32AI007363-31A1 | DARTMOUTH COLLEGE                       | Immunobiology of Myeloid and Lymphoid Cells  | JAKUBZICK, CLAUDIA V    | Awarded. Non-fellowships only | 1990/09/30 | 2029/06/30 | \$334,152   | \$334,152   | \$166,002   | \$334,152 |
| 4,230 | F31DK137590 | 5F31DK137590-02   | EMORY UNIVERSITY                        | The importance of Treg-intrinsic cholesterol metabolism for visceral adipose tissue Treg homeostasis, phenotype, and function  | ELKINS, CODY            | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$96,668    | \$96,668    | \$83,998    | \$48,974  |
| 4,231 | F30HL165805 | 5F30HL165805-02   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Dual-Venc 5D flow for Assessment of Congenital Heart Disease in Pediatrics   | WEISS, ELIZABETH        | Awarded. Fellowships only     | 2023/07/01 | 2026/08/31 | \$88,142    | \$88,142    | \$70,720    | \$44,711  |
| 4,232 | F31HL170514 | 5F31HL170514-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Defining How Macrophage Alloreognition Impacts Tissue Repair After Transplantation   | WARUNEK, JORDAN         | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$73,311    | \$48,974  |
| 4,233 | F31HD110243 | 5F31HD110243-02   | BAYLOR COLLEGE OF MEDICINE              | Yolk Sac MicroRNAs Regulate Brain Development  | KEULS, RACHEL ANNE      | Awarded. Fellowships only     | 2023/08/17 | 2025/08/16 | \$96,668    | \$96,668    | \$84,914    | \$48,974  |
| 4,234 | T32GM154636 | 1T32GM154636-01   | TEXAS STATE UNIVERSITY                  | Texas Doctoral Bridge Program  | WHITTEN, STEVEN T       | Awarded. Non-fellowships only | 2024/08/01 | 2029/07/31 | \$315,598   | \$315,598   | \$89,203    | \$315,598 |
| 4,235 | F31AI169969 | 5F31AI169969-02   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | The role of C. neoformans Hog1 and its effectors in translatome reprogramming  | GOICH, DAVID            | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$68,587    | \$68,587    | \$45,527    | \$34,599  |
| 4,236 | F32AI178977 | 5F32AI178977-02   | HARVARD MEDICAL SCHOOL                  | Biochemical and structural characterization of the cell wall synthesis complex required for bacterial division   | WEAVER, ANNA I          | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$143,364   | \$143,364   | \$115,522   | \$74,284  |

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|-------|-------------|-------------------|---|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,237 | T34GM154606 | 1T34GM154606-01   | QUEENSBOROUGH COMMUNITY COLLEGE         | Bridges to Baccalaureate program at Queensborough Community College  | GHOSHAL, SARBANI            | Awarded. Non-fellowships only | 2024/08/01 | 2029/07/31 | \$267,898   | \$267,898   | \$114,793   | \$267,898 |
| 4,238 | T32AG087922 | 1T32AG087922-01   | EMORY UNIVERSITY                        | Alzheimers Disease Big Data to Biology Training Program (ADBDB-TP)   | GOLDE, TODD E               | Awarded. Non-fellowships only | 2024/09/01 | 2029/08/31 | \$585,650   | \$585,650   | \$65,804    | \$585,650 |
| 4,239 | F31CA278331 | 5F31CA278331-02   | YALE UNIVERSITY                         | Structural studies of metazoan origin licensing  | HUNKER, OLIVIA              | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$67,922    | \$48,974  |
| 4,240 | F30CA284711 | 5F30CA284711-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | Metabolic vulnerabilities in cancers with impaired TCA cycle activity  | XIE, ABIGAIL                | Awarded. Fellowships only     | 2023/08/15 | 2027/08/14 | \$106,688   | \$106,688   | \$96,377    | \$53,994  |
| 4,241 | F32HL167559 | 5F32HL167559-02   | DUKE UNIVERSITY                         | Evaluation of adeno-associated viral (AAV) mediated gene replacement therapy as a therapeutic option for SLC25A4 deficiency      | BENKERT, ABIGAIL            | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$159,684   | \$159,684   | \$139,268   | \$83,392  |
| 4,242 | F32DK130267 | 5F32DK130267-03   | BOSTON CHILDREN'S HOSPITAL              | The role of TTC7A in apical lumen formation and polarized trafficking in the intestinal epithelium                               | BUGDA GWILT, KATLYNN        | Awarded. Fellowships only     | 2022/12/01 | 2025/11/30 | \$246,658   | \$246,658   | \$212,224   | \$87,064  |
| 4,243 | F31AI179158 | 5F31AI179158-02   | EMORY UNIVERSITY                        | Identification of CodY-Regulated Factors that Control Sporulation in Clostridioides difficile                                    | MONTEIRO, MARCOS PAULO      | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$83,408    | \$48,974  |
| 4,244 | T32CA272392 | 5T32CA272392-02   | EMORY UNIVERSITY                        | Graduate Program in Cancer Biology Training at Emory University  | LESINSKI, GREGORY B         | Awarded. Non-fellowships only | 2023/09/15 | 2028/08/31 | \$436,278   | \$436,278   | \$327,913   | \$221,904 |
| 4,245 | F31DC021366 | 5F31DC021366-02   | NORTHWESTERN UNIVERSITY                 | Uncovering the Functional Effects of Neurotrophins in the Auditory Brainstem   | MCLELLAN, KRISTINE          | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$87,094    | \$87,094    | \$46,655    | \$44,187  |
| 4,246 | F30HL170649 | 5F30HL170649-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | ACTN4 Binding to Functional SNP rs9277336 Controls the Genome Architecture and Endothelial Pathophenotypes in Pulmonary Arterial | KIRILLOVA, ANNA             | Awarded. Fellowships only     | 2023/09/26 | 2027/03/25 | \$106,668   | \$106,668   | \$45,500    | \$53,974  |
| 4,247 | F31HD114366 | 5F31HD114366-02   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Identifying Predictors of Condom Use   | MCCRIMMON, JORDYN           | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$80,899    | \$80,899    | \$50,794    | \$41,469  |
| 4,248 | F32EY035122 | 5F32EY035122-02   | NEW YORK UNIVERSITY                     | Translational control of a complete developing sensory circuit   | LOKER, RYAN E               | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$143,364   | \$143,364   | \$122,421   | \$74,284  |
| 4,249 | F31CA284714 | 5F31CA284714-02   | UNIVERSITY OF PENNSYLVANIA              | Mechanisms of pathogenic gene activation by aberrant transcriptional hubs formed by mutant ENL                                   | MATHIAS, KAEI MARIE         | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$83,883    | \$48,974  |
| 4,250 | T32CA009676 | 2T32CA009676-31A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Training Program in Tumor Microenvironment   | CASTRO, MARIA G             | Awarded. Non-fellowships only | 1997/09/30 | 2029/08/31 | \$389,532   | \$389,532   | \$235,028   | \$389,532 |
| 4,251 | F31AA030918 | 5F31AA030918-02   | VIRGINIA COMMONWEALTH UNIVERSITY        | Elucidating causal mechanisms of ethanol-induced analgesia in BXD recombinant inbred mouse lines                                 | ROGERS, WALKER DAVID        | Awarded. Fellowships only     | 2023/09/10 | 2026/09/09 | \$85,528    | \$85,528    | \$63,720    | \$43,404  |
| 4,252 | T32DK007664 | 5T32DK007664-34   | BAYLOR COLLEGE OF MEDICINE              | Research Training in Pediatrics Gastroenterolgy  | BURRIN, DOUGLAS G           | Awarded. Non-fellowships only | 1991/09/30 | 2026/06/30 | \$1,274,848 | \$1,274,848 | \$1,396,048 | \$422,672 |
| 4,253 | F30EY033198 | 5F30EY033198-04   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Role of choroidal macrophages in regulating lipid homeostasis and immunosuppression of the RPE/choroid                           | FORTMANN, SETH D            | Awarded. Fellowships only     | 2021/09/01 | 2025/08/31 | \$179,912   | \$179,912   | \$146,194   | \$50,936  |
| 4,254 | T32MH020061 | 5T32MH020061-24   | UNIVERSITY OF ROCHESTER                 | Postdoctoral Training in Suicide Prevention Research   | VAN ORDEN, KIMBERLY ALLISON | Awarded. Non-fellowships only | 2001/09/17 | 2026/07/31 | \$1,065,489 | \$1,065,489 | \$848,023   | \$306,253 |
| 4,255 | T32AG078117 | 5T32AG078117-03   | WASHINGTON UNIVERSITY                   | Translational Imaging Research Program in Radiopharmaceutical Sciences   | SHARMA, VIJAY               | Awarded. Non-fellowships only | 2022/09/01 | 2027/08/31 | \$1,306,522 | \$1,306,522 | \$594,662   | \$547,330 |
| 4,256 | F31AT012140 | 5F31AT012140-03   | EMORY UNIVERSITY                        | Contributions of host and gut microbial mediated metabolism to the antiviral activity of elderberry                              | CRANDALL, WILLIAM JOSEPH    | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$143,420   | \$143,420   | \$122,750   | \$48,974  |
| 4,257 | F31CA275339 | 5F31CA275339-03   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Interrogation of retroelement-derived proteins for functional gene transfer  | LASH, BLAKE                 | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$131,231   | \$131,231   | \$117,619   | \$44,911  |
| 4,258 | F31AG076290 | 5F31AG076290-03   | VANDERBILT UNIVERSITY                   | Elucidating the role of ER remodeling in aging of C. elegans   | DONAHUE, ERIC KF            | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$118,101   | \$118,101   | \$85,227    | \$53,351  |
| 4,259 | T32EB001680 | 5T32EB001680-20   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Neuroimaging Training Program  | ROSEN, BRUCE R              | Awarded. Non-fellowships only | 2003/05/01 | 2025/08/31 | \$930,200   | \$930,200   | \$872,040   | \$193,933 |

|       |             |                 |   |  |                             |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|--|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,260 | F30HD103360 | 5F30HD103360-05 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Functional Characterization of ASD-Associated EEF1A2 Mutations in Human Neurons  | MOHAMED, MUHANED            | Awarded. Fellowships only     | 2020/09/04 | 2025/09/03 | \$225,662   | \$225,662   | \$184,528   | \$47,112  |
| 4,261 | F32EY035529 | 5F32EY035529-02 | SCHEPENS EYE RESEARCH INSTITUTE         | Sex difference in conjunctival epithelial cell response and their profile of extracellular bioactive lipids during allergic inflammation       | LEE, CHANGRIM               | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$146,256   | \$146,256   | \$115,971   | \$76,756  |
| 4,262 | F31DE033290 | 5F31DE033290-02 | UNIVERSITY OF TEXAS AT AUSTIN           | Investigating craniofacial phenotypes, cellular function, and membrane biochemistry of ciliary proteins Rsg1 and the Fam92-Chibby-Dzip module  | VAZQUEZ, NEFTALI            | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$79,708    | \$79,708    | \$64,812    | \$40,494  |
| 4,263 | F30HL162456 | 5F30HL162456-03 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Requirements and mechanisms of alloantigen-induced cardiac allograft survival by cDC1s   | SCHROTH, SAMANTHA LEIGH     | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$139,518   | \$139,518   | \$123,811   | \$53,974  |
| 4,264 | T32CA260262 | 5T32CA260262-07 | DARTMOUTH COLLEGE                       | Dartmouth Training Program in Quantitative Cancer Research   | GERBER, SCOTT A             | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$425,919   | \$425,919   | \$223,797   | \$211,545 |
| 4,265 | F30HL160179 | 5F30HL160179-04 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Compound Cardiovascular Activity Prediction Using Structural and Genomic Features  | ZATORSKI, NICOLE            | Awarded. Fellowships only     | 2021/09/01 | 2025/06/30 | \$190,717   | \$190,717   | \$135,292   | \$49,275  |
| 4,266 | F31HL163885 | 5F31HL163885-03 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Elucidating the GPCR protein networks that drive lymphatic growth  | SERAFIN, DONALD STEPHEN     | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$125,941   | \$125,941   | \$110,106   | \$43,481  |
| 4,267 | F31DA060068 | 5F31DA060068-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | The Role of Prenatal Cannabis Exposure in Reward-related Neural Circuitry and Psychotic-like Experiences in Youth                              | AMIR, CAROLYN               | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$86,432    | \$86,432    | \$6,234     | \$43,856  |
| 4,268 | T32HL007427 | 5T32HL007427-44 | BRIGHAM AND WOMEN'S HOSPITAL            | SYSTEMS APPROACHES TO THE EPIDEMIOLOGY, GENETICS AND GENOMICS OF LUNG DISEASES   | WEISS, SCOTT T              | Awarded. Non-fellowships only | 1987/07/01 | 2026/07/31 | \$2,898,685 | \$2,898,685 | \$2,003,087 | \$765,252 |
| 4,269 | F31CA281118 | 5F31CA281118-02 | UNIVERSITY OF KANSAS MEDICAL CENTER     | Investigating the role of SHP2-PLCG1 interaction in PDAC calcium signaling and metabolism  | WALSH, RICHARD MCKINNON     | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$72,248    | \$72,248    | \$59,021    | \$36,764  |
| 4,270 | F31CA278423 | 5F31CA278423-02 | YALE UNIVERSITY                         | Determining the role of nuclear envelope reformation proteins in regulating the cGAS/STING innate immune response in cancer                    | ISENHOUE, ANTHONY WAYNE     | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$65,328    | \$48,974  |
| 4,271 | F31AG084277 | 5F31AG084277-02 | WASHINGTON UNIVERSITY                   | Control of reproductive aging by germline stem cells   | ANDERSON, AARON MARCUS      | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$68,572    | \$68,572    | \$54,414    | \$34,926  |
| 4,272 | T32AG082661 | 5T32AG082661-02 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | South Texas Alzheimer's and Neurodegenerative Disorders Training Program   | FOX, PETER THORNTON         | Awarded. Non-fellowships only | 2023/09/01 | 2028/08/31 | \$317,480   | \$317,480   | \$180,992   | \$184,644 |
| 4,273 | F31AG084272 | 5F31AG084272-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | The role of vascular lipids in Alzheimer's disease pathophysiology   | HARVEY, SEAN SANDAS         | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$82,112    | \$82,112    | \$68,837    | \$41,825  |
| 4,274 | F30CA268742 | 5F30CA268742-03 | CASE WESTERN RESERVE UNIVERSITY         | Investigating the role of Cdk5 and p35 in natural killer cell cytotoxicity   | WONG, DEREK PERSEUS         | Awarded. Fellowships only     | 2022/09/08 | 2025/09/07 | \$158,420   | \$158,420   | \$130,998   | \$53,974  |
| 4,275 | F31HD110208 | 5F31HD110208-03 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Interrogating the Role of HSF1 in Ovarian Stress   | FOECKE, MARIKO              | Awarded. Fellowships only     | 2022/10/01 | 2025/09/29 | \$129,806   | \$129,806   | \$113,621   | \$44,436  |
| 4,276 | F31EY033651 | 5F31EY033651-03 | UNIVERSITY OF COLORADO DENVER           | Dissecting the visuomotor circuit for saccadic suppression in the superior colliculus  | HUNT, JOSHUA B              | Awarded. Fellowships only     | 2022/09/01 | 2026/04/30 | \$108,080   | \$108,080   | \$83,111    | \$37,194  |
| 4,277 | F30HL163869 | 5F30HL163869-03 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Fibrin-Based Nanoparticles as a Novel Sealant for Vascular Anastomosis   | MOISEWITSCH, NINA ALEXANDRA | Awarded. Fellowships only     | 2022/09/01 | 2027/07/31 | \$132,407   | \$132,407   | \$127,009   | \$53,575  |
| 4,278 | F31AR083255 | 5F31AR083255-02 | UNIVERSITY OF PENNSYLVANIA              | Regulatory Mechanisms of Collagen XII in Establishing Achilles Tendon Hierarchical Structure and Function in Postnatal Development and Healing | DISTEFANO, MICHAEL STEVEN   | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$88,412    | \$48,974  |
| 4,279 | T32AG074937 | 5T32AG074937-04 | UNIVERSITY OF CHICAGO                   | MD/PhD Program in Medicine, the Social Sciences and Alzheimer's Disease and Related Dementias  | MELTZER, DAVID O            | Awarded. Non-fellowships only | 2021/09/30 | 2026/09/29 | \$860,891   | \$860,891   | \$272,335   | \$169,928 |
| 4,280 | T32GM135131 | 5T32GM135131-05 | JOHNS HOPKINS UNIVERSITY                | Program of Molecular Biophysics  | FLEMING, KAREN G            | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$4,111,906 | \$4,111,906 | \$3,345,346 | \$878,975 |

|       |             |                   |  |  |                                    |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|--|--|------------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,281 | F30GM151848 | 5F30GM151848-02   | PENNSYLVANIA STATE UNIV<br>HERSHEY MED CTR | Genetic regulation of genes on active and inactive X chromosome and their contribution to sex-biased diseases  | MARKUS, HAVELL                     | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$69,421    | \$69,421    | \$56,287    | \$34,800    |
| 4,282 | F31NS132505 | 5F31NS132505-02   | STANFORD UNIVERSITY                        | An Engineered Hydrogel Platform to Improve Neural Organoid Reproducibility for a Multi-Organoid Disease Model of 22q11.2 Deletion Syndrome               | HUANG, MICHELLE S                  | Awarded. Fellowships only     | 2023/06/16 | 2025/12/15 | \$87,435    | \$87,435    | \$73,033    | \$41,787    |
| 4,283 | F31GM151814 | 5F31GM151814-02   | CORNELL UNIVERSITY                         | Evolutionary adaptation of dense microbial populations to range expansion  | RANDOLPH, KATIE ELAINE             | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$96,668    | \$96,668    | \$94,958    | \$48,974    |
| 4,284 | T32HL007185 | 5T32HL007185-48   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | Multidisciplinary Training Program in Lung Disease   | WOODRUFF, PRESCOTT G               | Awarded. Non-fellowships only | 1976/07/01 | 2027/06/30 | \$3,828,972 | \$3,828,972 | \$2,780,061 | \$1,331,043 |
| 4,285 | F31HL167378 | 5F31HL167378-02   | HARVARD MEDICAL SCHOOL                     | Integrating polygenic and environmental risk factors for asthma in diverse populations   | TSUO, KRISTIN MAY                  | Awarded. Fellowships only     | 2023/04/01 | 2026/06/30 | \$78,532    | \$78,532    | \$60,880    | \$36,856    |
| 4,286 | T32CA093423 | 5T32CA093423-17   | VIRGINIA COMMONWEALTH UNIVERSITY           | Training Program in Cancer Prevention and Control and Cancer Health Equity (CPC-CHE)   | FUEMMELER, BERNARD F               | Awarded. Non-fellowships only | 2001/09/12 | 2028/08/31 | \$825,855   | \$825,855   | \$732,256   | \$349,915   |
| 4,287 | F31AA031186 | 5F31AA031186-02   | UNIVERSITY OF NEBRASKA MEDICAL CENTER      | The impact of alcohol-induced ATF6-mediated ER stress and Golgi disorganization on pro-metastatic glycosylation of integrins in prostate cancer          | MACKE, AMANDA JESSIE               | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$67,734    | \$67,734    | \$53,097    | \$34,507    |
| 4,288 | F30CA278317 | 5F30CA278317-02   | UNIV OF NORTH CAROLINA CHAPEL HILL         | Effects of entinostat and neoantigen vaccination on bladder cancer   | BECKABIR, WOLFGANG                 | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$100,103   | \$100,103   | \$92,766    | \$53,974    |
| 4,289 | F30ES035247 | 5F30ES035247-02   | CASE WESTERN RESERVE UNIVERSITY            | Nitric oxide as a novel regulator of alternative splicing  | SCHINDLER, JOSEPH CHRISTIAN        | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$106,668   | \$106,668   | \$67,002    | \$53,974    |
| 4,290 | F31DA059206 | 5F31DA059206-02   | UNIVERSITY OF CINCINNATI                   | Endocannabinoid regulation of the corticoaccumbens pathway and stress-enhanced cocaine-seeking behavior  | GAULDEN, ANDREW                    | Awarded. Fellowships only     | 2023/08/09 | 2026/08/08 | \$91,456    | \$91,456    | \$73,202    | \$46,368    |
| 4,291 | F31HD113399 | 5F31HD113399-02   | HARVARD MEDICAL SCHOOL                     | Non-coding RNA regulation of neuronal protein translation and appetite control   | WHILDEN, COURTNEY MICHELLE         | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$78,841    | \$78,841    | \$66,369    | \$36,918    |
| 4,292 | F32DC021345 | 5F32DC021345-02   | PURDUE UNIVERSITY                          | Individualized Profiles of Sensorineural Hearing Loss from Non-Invasive Biomarkers of Peripheral Pathology   | HAUSER, SAMANTHA NICOLE            | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$191,984   | \$191,984   | \$146,506   | \$99,932    |
| 4,293 | T32CA009566 | 5T32CA009566-37   | UNIVERSITY OF CHICAGO                      | Basic Medical Research Training in Oncology  | OLOPADE, OLUFUNMILAYO F            | Awarded. Non-fellowships only | 1987/09/05 | 2028/06/30 | \$1,042,932 | \$1,042,932 | \$439,542   | \$532,364   |
| 4,294 | F31HL165736 | 5F31HL165736-02   | HARVARD MEDICAL SCHOOL                     | The Hillock: A Newly Discovered Airway Epithelial Structure and its Relationship with Squamous Metaplasia  | CHERNOFF, CHAIM ZEV                | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$78,056    | \$78,056    | \$65,664    | \$39,918    |
| 4,295 | F31DA059235 | 5F31DA059235-02   | UNIVERSITY OF MINNESOTA                    | Nanotechnology-based platform for the development of next-generation vaccines against opioid use disorder (OUD)  | HAMID, FATIMA ALAMIN AWAD ALKAREEM | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$71,186    | \$71,186    | \$57,511    | \$36,233    |
| 4,296 | F31HL165816 | 5F31HL165816-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO    | Defining a stromal niche for type 2-like lung regulatory T cells   | CHANG, ANTHONY                     | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$118,817   | \$118,817   | \$93,357    | \$40,773    |
| 4,297 | F32HD112128 | 1F32HD112128-01A1 | EMORY UNIVERSITY                           | Physiologically-inspired exoskeleton controller to enhance human balance   | JAKUBOWSKI, KRISTEN                | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$79,756    | \$79,756    | \$28,078    | \$79,756    |
| 4,298 | F31NS130909 | 5F31NS130909-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI    | Determining the Interacting Effects of GBA, SNCA, and APOE on $\alpha$ -Synuclein Pathology Severity in Dementia with Lewy Bodies and Parkinsons Disease | GOLDMAN, CAMILLE                   | Awarded. Fellowships only     | 2023/01/01 | 2025/10/31 | \$136,138   | \$136,138   | \$110,647   | \$42,670    |
| 4,299 | F31NS139660 | 1F31NS139660-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES       | Identifying the cells and circuits driving stimulus-independent activity throughout the developing Drosophila brain                                      | SUAREZ, SASSAN LEO                 | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$47,936    | \$47,936    | \$14,039    | \$47,936    |
| 4,300 | F31CA284712 | 5F31CA284712-02   | OREGON HEALTH & SCIENCE UNIVERSITY         | Chemical Biology-Based Tools to Uncover the Function of PARP16 in cancer   | BEJAN, DANIEL                      | Awarded. Fellowships only     | 2023/07/17 | 2025/07/16 | \$96,668    | \$96,668    | \$84,201    | \$48,974    |

|       |             |                   |   |   |                             |                               |            |            |           |           |           |          |
|-------|-------------|-------------------|---|---|-----------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|----------|
| 4,301 | F31AA031625 | 1F31AA031625-01A1 | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | Role of beta2 nicotinic acetylcholine receptors in the insula-BNST pathway in ethanol consumption and abstinence-induced negative affect. | WILLIAMS, BENJAMIN M        | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$51,974  | \$51,974  | \$38,962  | \$51,974 |
| 4,302 | F32HL176079 | 1F32HL176079-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | The Left and Right Ventricles in Sleep Apnea with COPD  | RAPHELSON, JANNA            | Awarded. Fellowships only     | 2024/08/16 | 2027/08/15 | \$81,364  | \$81,364  | \$45,516  | \$81,364 |
| 4,303 | F31DK137482 | 5F31DK137482-02   | INDIANA UNIVERSITY INDIANAPOLIS         | Understanding how exocrine-derived signals promote beta cell growth   | OVERTON, DANIELLE LOUISIA   | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$78,888  | \$78,888  | \$50,515  | \$40,084 |
| 4,304 | T35OD010991 | 5T35OD010991-20   | TEXAS A&M AGRILIFE RESEARCH             | Veterinary Medical Student Research Training  | GADDY, DANA                 | Awarded. Non-fellowships only | 2004/08/02 | 2025/12/31 | \$395,956 | \$395,956 | \$307,724 | \$71,224 |
| 4,305 | F32HL170540 | 5F32HL170540-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | MLL1 drives collaborative leukocyte-endothelial cell signaling and thrombosis after coronavirus infection                                 | PARCHMENT, NATHANIEL        | Awarded. Fellowships only     | 2023/09/29 | 2025/09/28 | \$165,184 | \$165,184 | \$118,749 | \$86,392 |
| 4,306 | F32AG085960 | 5F32AG085960-02   | WEILL MEDICAL COLL OF CORNELL UNIV      | Elucidating the Cell-Type Specific Neuroprotective Mechanisms in the APOE3 Christchurch Mutation in Alzheimers Disease                    | NAGUIB, SARAH               | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$153,512 | \$153,512 | \$81,579  | \$76,984 |
| 4,307 | F31HL176159 | 1F31HL176159-01   | UNIVERSITY OF VIRGINIA                  | Regulation of PACAP expression and its role in protecting early neonatal respiration.   | CLEMENTS, RACHEL            | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$38,198  | \$38,198  | \$30,539  | \$38,198 |
| 4,308 | F31CA294978 | 1F31CA294978-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Engineering best in class Acute Myeloid Leukemia (AML) CAR-T therapies by enhancing persistence and defining the immune landscape of AML  | RAMPERSAUD, SHAM            | Awarded. Fellowships only     | 2024/12/17 | 2027/12/16 | \$41,380  | \$41,380  | \$10,075  | \$41,380 |
| 4,309 | F31GM153146 | 5F31GM153146-02   | MONTANA STATE UNIVERSITY - BOZEMAN      | CRISPR RNA-guided recognition of invading RNA activates a multipronged cell death response  | BURMAN, NATHANIEL           | Awarded. Fellowships only     | 2024/01/01 | 2026/06/30 | \$72,958  | \$72,958  | \$37,950  | \$36,479 |
| 4,310 | F32GM153148 | 5F32GM153148-02   | FRED HUTCHINSON CANCER CENTER           | Investigating the chromatin landscape of complex tissues through cell-type-specific patterns  | LEICHTER, SARAH             | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$148,112 | \$148,112 | \$92,453  | \$74,284 |
| 4,311 | F31HD114431 | 1F31HD114431-01A1 | VANDERBILT UNIVERSITY                   | Examining the Impact of Peroxisomal Fission on Cell Fate Decisions During Neurodevelopment  | BODNYA, CAROLINE            | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$34,314  | \$34,314  | \$23,675  | \$34,314 |
| 4,312 | F30CA294711 | 1F30CA294711-01   | INDIANA UNIVERSITY INDIANAPOLIS         | PIK3C2A is a vulnerable immunotherapeutic target in triple-negative breast cancer combination therapy                                     | WANG, XIYU                  | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$48,068  | \$48,068  | \$27,604  | \$48,068 |
| 4,313 | F30MH132165 | 5F30MH132165-03   | VANDERBILT UNIVERSITY                   | Investigating the role of immune genes and inflammatory biomarkers in schizophrenia heterogeneity   | LAKE, ALLISON MICHELLE      | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$119,381 | \$119,381 | \$76,413  | \$53,351 |
| 4,314 | F30AI174776 | 5F30AI174776-03   | UNIVERSITY OF PENNSYLVANIA              | Molecular Mechanisms of TOX-mediated Programming of CD8 T Cell Exhaustion   | SULLIVAN, MATTHEW AMBROSE   | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$125,718 | \$125,718 | \$98,482  | \$36,512 |
| 4,315 | F31NS136032 | 1F31NS136032-01A1 | GEORGETOWN UNIVERSITY                   | Dysregulated AB in HAND: The Role of GP120 Induced Endoplasmic Reticulum Stress   | AGBEY, CHRISTY              | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$36,274  | \$36,274  | \$25,146  | \$36,274 |
| 4,316 | F31NS136004 | 5F31NS136004-02   | UNIVERSITY OF CHICAGO                   | Uncovering DIP-a signaling pathways underlying circuit assembly   | ZHANG, RUILING              | Awarded. Fellowships only     | 2024/01/01 | 2028/11/30 | \$97,948  | \$97,948  | \$66,024  | \$48,974 |
| 4,317 | F31EY036728 | 1F31EY036728-01   | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | Neural Correlates of Spatial Attention Deployment and Perceptual Decision Making  | KATTNER, EVAN ALEXANDER     | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$35,390  | \$48,974 |
| 4,318 | F31HL176101 | 1F31HL176101-01   | UNIVERSITY OF CINCINNATI                | The Role of c-ABL in Mediating TIE2 Signaling and Formation of Venous Malformation  | BISCHOFF, LINDSAY           | Awarded. Fellowships only     | 2024/09/15 | 2027/09/14 | \$46,386  | \$46,386  | \$21,088  | \$46,386 |
| 4,319 | F31MH134597 | 1F31MH134597-01A1 | TRUSTEES OF INDIANA UNIVERSITY          | Real-world, national evidence on the predictors and consequences of pediatric antipsychotic use   | SEPE-FORREST, LINNEA        | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$48,974  | \$48,974  | \$48,974  | \$48,974 |
| 4,320 | F31HD116515 | 1F31HD116515-01   | BROWN UNIVERSITY                        | Impact of Medicare and Medicaid coverage policies on contraceptive use among people with disabilities                                     | BELLEROSE, MEGHAN ELIZABETH | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$33,573  | \$48,974 |
| 4,321 | F30CA268633 | 5F30CA268633-04   | HARVARD MEDICAL SCHOOL                  | Investigating how cancer cells maintain redox homeostasis to support biomass production   | CHANG, SARAH M              | Awarded. Fellowships only     | 2022/02/01 | 2026/01/31 | \$212,394 | \$212,394 | \$186,663 | \$53,974 |

|       |             |                   |  |   |                            |          |                  |            |            |           |           |           |          |
|-------|-------------|-------------------|--|---|----------------------------|----------|------------------|------------|------------|-----------|-----------|-----------|----------|
| 4,322 | F30DK135390 | 5F30DK135390-03   | WASHINGTON UNIVERSITY                    | Novel therapeutics for treatment of catheter-associated UTI and depletion of the vaginal reservoir  | TIMM, MORGAN ROSE WILT     | Awarded. | Fellowships only | 2023/02/10 | 2026/02/09 | \$122,546 | \$122,546 | \$90,258  | \$53,974 |
| 4,323 | F31HL176098 | 1F31HL176098-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Profiling Upper Aerodigestive Functioning in Sporadic Inclusion Body Myositis   | AMBROCIO, KEVIN RENZ       | Awarded. | Fellowships only | 2024/09/30 | 2026/09/29 | \$48,974  | \$48,974  | \$21,391  | \$48,974 |
| 4,324 | F30AI186528 | 1F30AI186528-01   | VIRGINIA POLYTECHNIC INST AND ST UNIV    | CpG-B ODN Mediated Protection from Systemic Lupus Erythematosus   | OAKLAND, DAVID NOAH        | Awarded. | Fellowships only | 2024/07/25 | 2028/07/24 | \$43,943  | \$43,943  | \$31,810  | \$43,943 |
| 4,325 | F30AG085932 | 1F30AG085932-01A1 | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Investigating Impacts of Neighborhood Disadvantage on ADRD risks, imaging biomarkers, and cognition   | KRISHNAMURTHY, SUDARSHAN   | Awarded. | Fellowships only | 2024/09/01 | 2027/08/31 | \$53,974  | \$53,974  | \$39,333  | \$53,974 |
| 4,326 | F31HL176172 | 1F31HL176172-01   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | Deciphering the autonomic regulation of inflammation and hypertension sensitization after psychological trauma  | LAUTEN, TATLOCK H          | Awarded. | Fellowships only | 2024/09/01 | 2026/08/31 | \$37,568  | \$37,568  | \$20,636  | \$37,568 |
| 4,327 | F30HL170777 | 5F30HL170777-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Microbiome targeted nutrition to improve immune function during critical illness  | CHATRIZEH, MONA            | Awarded. | Fellowships only | 2023/09/01 | 2027/08/31 | \$107,300 | \$107,300 | \$53,653  | \$54,290 |
| 4,328 | F31CA284802 | 1F31CA284802-01A1 | UNIVERSITY OF TEXAS AT AUSTIN            | Enzyme-Mediated Depletion of Extracellular Adenosine and 5methylthioadenosine as a Novel Anti-Cancer Therapeutic  | AL-KHALEDY, RANYA NOURA    | Awarded. | Fellowships only | 2024/08/16 | 2027/08/15 | \$46,588  | \$46,588  | \$35,524  | \$46,588 |
| 4,329 | F31MH138091 | 1F31MH138091-01   | LIEBER INSTITUTE, INC.                   | Investigating TCF4 and Synaptic Dysfunction in Pitt-Hopkins Syndrome  | PATEL, CHINTAN R           | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$42,574  | \$42,574  | \$41,776  | \$42,574 |
| 4,330 | F31HD111297 | 5F31HD111297-03   | JOHNS HOPKINS UNIVERSITY                 | Understanding the Impact of Post-Separation Abuse on Childrens Health and Flourishing Outcomes  | SPEARMAN, KATHRYN JANE     | Awarded. | Fellowships only | 2023/01/12 | 2026/01/11 | \$154,142 | \$154,142 | \$83,268  | \$51,974 |
| 4,331 | F31CA294971 | 1F31CA294971-01   | WASHINGTON UNIVERSITY                    | Implementation Penetration Assessment Criteria Tool for HPV Vaccination- Promoting Uptake among Young Girls in Nigeria  | ANIKAMADU, ONYEKACHUKWU    | Awarded. | Fellowships only | 2025/02/05 | 2027/02/04 | \$36,801  | \$36,801  | \$0       | \$36,801 |
| 4,332 | F32DE033622 | 5F32DE033622-02   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES   | Impact of Titanium-mediated Oxidative Stress on LPS/TLR4 Signaling  | SIDDIQUI, DANYAL           | Awarded. | Fellowships only | 2023/12/01 | 2026/11/30 | \$144,964 | \$144,964 | \$76,508  | \$75,084 |
| 4,333 | F32AI186429 | 1F32AI186429-01   | UNIVERSITY OF CHICAGO                    | Assembly and Disassembly Processes in the HIV-1 Life Cycle  | WALTMANN, CURT             | Awarded. | Fellowships only | 2024/09/30 | 2027/09/29 | \$73,408  | \$73,408  | \$29,546  | \$73,408 |
| 4,334 | F31DK138744 | 1F31DK138744-01A1 | UNIVERSITY OF FLORIDA                    | Engineering a Multi-Therapeutic, 3D-Printed Scaffold for Local Immunoprotection and Favorable Engraftment of Pancreatic Islets for Treatment of Type 1 Diabetes | LANSBERRY, TAYLOR ROSE     | Awarded. | Fellowships only | 2024/09/01 | 2026/08/31 | \$43,902  | \$43,902  | \$27,590  | \$43,902 |
| 4,335 | F30DC021872 | 5F30DC021872-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Developing a bilingual speech neuroprosthesis   | SILVA, ALEXANDER BUDUGUR   | Awarded. | Fellowships only | 2024/01/01 | 2027/12/31 | \$83,012  | \$83,012  | \$56,972  | \$41,632 |
| 4,336 | F31GM149143 | 5F31GM149143-03   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | The Roles of Rnt1 and Putative Endoribonucleases in mRNA Processing and Degradation   | NOTICE, LEE-ANN SHARI      | Awarded. | Fellowships only | 2022/12/29 | 2025/12/28 | \$125,764 | \$125,764 | \$89,290  | \$42,348 |
| 4,337 | F30EY033648 | 5F30EY033648-04   | UNIVERSITY OF CHICAGO                    | Neuronal encoding of rapid categorical decisions across primate oculomotor networks   | ZHU, OU                    | Awarded. | Fellowships only | 2022/01/15 | 2027/01/14 | \$212,394 | \$212,394 | \$159,073 | \$53,974 |
| 4,338 | F31DA057815 | 5F31DA057815-03   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | Characterization of Polysubstance Use: Combined Fentanyl and Methamphetamine  | DAWES, MONICA H            | Awarded. | Fellowships only | 2023/02/01 | 2027/01/31 | \$145,642 | \$145,642 | \$102,204 | \$48,974 |
| 4,339 | F30AI176607 | 5F30AI176607-02   | UNIVERSITY OF COLORADO DENVER            | Programmed death ligand-1 interactions in the regulation of dendritic cell migration and T cell priming   | KANTHETI, UMA              | Awarded. | Fellowships only | 2023/12/01 | 2027/11/30 | \$76,249  | \$76,249  | \$54,525  | \$38,346 |
| 4,340 | F30AI160828 | 5F30AI160828-04   | UNIVERSITY OF COLORADO DENVER            | Defining viral-host interactions between arthritogenic alphaviruses and MARCO   | LI, FRANCES SHIEH          | Awarded. | Fellowships only | 2022/01/01 | 2025/12/31 | \$180,131 | \$180,131 | \$86,877  | \$53,974 |
| 4,341 | F31AG090091 | 1F31AG090091-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Synergistic contributions of cerebrovascular disease and neuroinflammation to Alzheimers disease in adults with Down syndrome                                   | EDWARDS, NATALIE CATHERINE | Awarded. | Fellowships only | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$44,270  | \$48,974 |



|       |             |                   |   |  |                          |                               |            |            |             |             |           |           |
|-------|-------------|-------------------|---|--|--------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 4,342 | T32DK007198 | 5T32DK007198-50   | MAYO CLINIC ROCHESTER                   | Multidisciplinary Training in Digestive Diseases   | MALHI, HARMEET           | Awarded. Non-fellowships only | 1979/01/01 | 2028/12/31 | \$621,751   | \$621,751   | \$500,535 | \$187,498 |
| 4,343 | F30AI176696 | 5F30AI176696-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Investigating the mechanism of infection and therapeutic potential of Pseudomonas nucleus-forming phages   | MORGAN, CHASE            | Awarded. Fellowships only     | 2023/12/06 | 2027/12/05 | \$83,766    | \$83,766    | \$21,719  | \$42,100  |
| 4,344 | F31MH138135 | 1F31MH138135-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Investigating the effects of early life adversity on the developmental trajectory of avoidance circuitry   | GOODPASTER, CAITLIN      | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$44,308    | \$44,308    | \$32,773  | \$44,308  |
| 4,345 | F30DK128944 | 5F30DK128944-04   | CASE WESTERN RESERVE UNIVERSITY         | AKR1a1 as a novel therapeutic target for Non-Alcoholic Fatty Liver Disease   | VENETOS, NICHOLAS        | Awarded. Fellowships only     | 2022/02/01 | 2026/01/31 | \$212,394   | \$212,394   | \$163,879 | \$53,974  |
| 4,346 | F31GM149158 | 5F31GM149158-02   | UNIVERSITY OF CALIFORNIA BERKELEY       | Artificial Metalloenzymes Containing Uranyl Cofactors for Photocatalytic C-H Bond Functionalization  | HERRERA, GABRIEL         | Awarded. Fellowships only     | 2024/01/05 | 2027/01/04 | \$97,948    | \$97,948    | \$67,799  | \$48,974  |
| 4,347 | F31AI186550 | 1F31AI186550-01   | EMORY UNIVERSITY                        | Developing novel methods to assess the pandemic potential of influenza A viruses using mathematical modeling and evolutionary methods                          | SOMSEN, ELIZABETH        | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$48,974    | \$48,974    | \$31,212  | \$48,974  |
| 4,348 | F31HL176154 | 1F31HL176154-01   | VANDERBILT UNIVERSITY                   | The Role of CCR10 and CCR10+ Tregs in Hypertension   | NGUYEN, BIANCA ALEXANDRA | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$34,370    | \$34,370    | \$12,433  | \$34,370  |
| 4,349 | F31DK141253 | 1F31DK141253-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | The Role of LIM-nebulette in podocyte mechanoresponse  | WRIGHT, JACOB MATTHEW    | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,814    | \$48,814    | \$271     | \$48,814  |
| 4,350 | F31AT012417 | 5F31AT012417-02   | UNIVERSITY OF WASHINGTON                | Mind-Body Peer Support for Family Caregivers to Patients with Severe Acute Brain Injury  | REICHMAN, MIRA           | Awarded. Fellowships only     | 2024/01/16 | 2027/01/15 | \$97,948    | \$97,948    | \$59,469  | \$48,974  |
| 4,351 | F31DC021111 | 1F31DC021111-01A1 | NORTHEASTERN UNIVERSITY                 | Vocabulary Encoding and Retention in Autism via Social Cognition (VERAS)   | TRICE, KATHERINE MARIE   | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$48,974    | \$48,974    | \$32,986  | \$48,974  |
| 4,352 | F31AI169889 | 5F31AI169889-03   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | The role of A1 adenosine receptor signaling in the decline of S. pneumoniae killing by neutrophils in vaccinated aged hosts                                    | SIMMONS, SHAUNNA         | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$101,699   | \$101,699   | \$73,559  | \$33,858  |
| 4,353 | F32HL166155 | 5T32HL166155-03   | STANFORD UNIVERSITY                     | Computational Medicine in the Heart, Integrated Training Program   | NARAYAN, SANJIV M        | Awarded. Non-fellowships only | 2023/01/01 | 2027/12/31 | \$1,342,748 | \$1,342,748 | \$370,223 | \$627,556 |
| 4,354 | F31AA031440 | 5F31AA031440-02   | UNIVERSITY OF FLORIDA                   | Longitudinal Modeling of Pro-Inflammatory Cytokines, Hazardous Alcohol Use, and Cerebral Metabolites as Predictors of Neurocognitive Change in People with HIV | BRITTON, MARK K          | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$83,766    | \$83,766    | \$55,844  | \$41,883  |
| 4,355 | F31NS139652 | 1F31NS139652-01   | COLORADO STATE UNIVERSITY               | A transcriptomics-based approach to identify quantitative biomarkers for multiple system atrophy   | KHEDMATGOZAR, CHASE REZA | Awarded. Fellowships only     | 2024/12/07 | 2027/12/06 | \$42,269    | \$42,269    | \$13,699  | \$42,269  |
| 4,356 | F31HL175929 | 1F31HL175929-01   | UNIVERSITY OF MINNESOTA                 | Neuroinflammation as a mediator of the exaggerated Piezo2 and Exercise Pressor Reflex in Peripheral Artery Disease   | ORIBAMISE, EUNICE        | Awarded. Fellowships only     | 2025/03/05 | 2030/03/04 | \$40,431    | \$40,431    | \$2,786   | \$40,431  |
| 4,357 | F31DK138543 | 1F31DK138543-01A1 | UNIVERSITY OF COLORADO DENVER           | The recruitment and retention of colon intraepithelial lymphocytes   | DANIELSON, SARAH MANN    | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$37,659    | \$37,659    | \$25,899  | \$37,659  |
| 4,358 | F31HL170617 | 5F31HL170617-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Alternative splicing regulation of CLTC in the heart   | GENTILE, GABRIELLE MARIE | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$78,848    | \$78,848    | \$62,115  | \$40,064  |
| 4,359 | F31AI186288 | 1F31AI186288-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Genome-driven identification of patient and bacterial drivers of resistance to novel beta-lactam/beta-lactamase inhibitor combination therapies                | GONTJES, KYLE JAMES      | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$41,655    | \$41,655    | \$37,235  | \$41,655  |
| 4,360 | F32GM156113 | 1F32GM156113-01   | SEATTLE CHILDREN'S HOSPITAL             | Regulation of nervous system health and function by the E3 ligase UBR-1  | PAK, JOSEPH              | Awarded. Fellowships only     | 2024/09/02 | 2025/09/01 | \$74,284    | \$74,284    | \$4,341   | \$74,284  |



|       |             |                   |   |  |                                |          |                  |            |            |           |           |          |          |
|-------|-------------|-------------------|---|--|--------------------------------|----------|------------------|------------|------------|-----------|-----------|----------|----------|
| 4,361 | F30CA287638 | 1F30CA287638-01A1 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Characterizing DC-specific mechanisms of LNP immunogenicity to enhance LNP-based anti-tumor therapies                              | MOON, CHANG YOON               | Awarded. | Fellowships only | 2024/07/15 | 2027/07/14 | \$42,724  | \$42,724  | \$11,830 | \$42,724 |
| 4,362 | F30AG089943 | 1F30AG089943-01   | OREGON HEALTH & SCIENCE UNIVERSITY      | Contribution of endothelin 1 mediated ischemic vascular dysfunction to Alzheimers disease  | WOODRUFF, SIMONE               | Awarded. | Fellowships only | 2024/09/30 | 2028/09/29 | \$53,974  | \$53,974  | \$27,977 | \$53,974 |
| 4,363 | F31CA287493 | 1F31CA287493-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Leveraging Retained Partner Gene Function to Effectively Target CIC-rearranged Fusion Oncoproteins                                 | LUCK, CUYLER                   | Awarded. | Fellowships only | 2024/08/01 | 2027/07/31 | \$45,909  | \$45,909  | \$36,106 | \$45,909 |
| 4,364 | F31HD116432 | 1F31HD116432-01   | UNIVERSITY OF DELAWARE                  | Understanding the Contributions of Proprioceptive Impairment on Arm Capacity and Real-World Performance After Stroke               | HOH, JOANNA ESKANDER           | Awarded. | Fellowships only | 2025/01/01 | 2026/12/31 | \$46,796  | \$46,796  | \$9,684  | \$46,796 |
| 4,365 | F31CA294928 | 1F31CA294928-01   | UNIVERSITY OF CALIFORNIA AT DAVIS       | Implementation of a Community-Based Cancer Prevention Intervention with a Marginalized Population Experiencing Food Insecurity     | KERBER, CHARLOTTE LORRAINE     | Awarded. | Fellowships only | 2024/09/01 | 2026/08/31 | \$42,058  | \$42,058  | \$30,298 | \$42,058 |
| 4,366 | F30AT013025 | 1F30AT013025-01   | MICHIGAN STATE UNIVERSITY               | Addressing Chronic Pain in Older Adult Populations: Acupuncture Healthcare Delivery Model Innovation in the United States          | DING, JESSICA LU               | Awarded. | Fellowships only | 2025/01/01 | 2030/12/31 | \$46,710  | \$46,710  | \$6,104  | \$46,710 |
| 4,367 | F31DK141119 | 1F31DK141119-01   | WEILL MEDICAL COLL OF CORNELL UNIV      | Spatiotemporal and molecular determinants of autoimmune T cell stemness and differentiation in type 1 diabetes                     | MIKICHEVA, SVETLANA DMITRIEVNA | Awarded. | Fellowships only | 2024/08/26 | 2027/08/25 | \$48,974  | \$48,974  | \$37,376 | \$48,974 |
| 4,368 | F31EY036693 | 1F31EY036693-01   | DUKE UNIVERSITY                         | Investigating invariant motion encoding in mouse visual cortex   | GANNON, SARA                   | Awarded. | Fellowships only | 2024/09/01 | 2027/08/31 | \$41,901  | \$41,901  | \$28,619 | \$41,901 |
| 4,369 | F31AI181059 | 1F31AI181059-01A1 | VIRGINIA POLYTECHNIC INST AND ST UNIV   | Rift Valley fever virus NSs protein interacts with LC3 family members to inhibit antiviral autophagy                               | PETRACCIONE, KAYLEE            | Awarded. | Fellowships only | 2024/08/10 | 2025/08/09 | \$42,684  | \$42,684  | \$29,324 | \$42,684 |
| 4,370 | F32HD111231 | 5F32HD111231-02   | CORNELL UNIVERSITY                      | Male x Female Protein Interactions Mediating Reproductive Success in the Drosophila Mating Plug                                    | CARLISLE, JOLIE ANNA           | Awarded. | Fellowships only | 2024/01/01 | 2026/12/31 | \$143,364 | \$143,364 | \$86,941 | \$74,284 |
| 4,371 | F30DK138638 | 1F30DK138638-01A1 | MAYO CLINIC ROCHESTER                   | Mechanisms of osmosensing in GI enteroendocrine cells  | BELLAMPALLI, SHREYA            | Awarded. | Fellowships only | 2024/09/01 | 2028/08/31 | \$49,174  | \$49,174  | \$27,324 | \$49,174 |
| 4,372 | F32HL172725 | 1F32HL172725-01A1 | DENVER                                  | Epithelial Contributions to Lung Immunity  | ORLOV, MARIKA                  | Awarded. | Fellowships only | 2024/09/13 | 2025/09/12 | \$89,488  | \$89,488  | \$51,875 | \$89,488 |
| 4,373 | F31DC021590 | 1F31DC021590-01A1 | UNIVERSITY OF IOWA                      | Role of the Immune Response in Spiral Ganglion Neuron Death After Hair Cell Loss   | CARO, ADRIANNA                 | Awarded. | Fellowships only | 2024/06/06 | 2025/06/05 | \$36,262  | \$36,262  | \$27,037 | \$36,262 |
| 4,374 | F30AI186408 | 1F30AI186408-01   | UNIVERSITY OF NEBRASKA MEDICAL CENTER   | Nitrogen Metabolism of Staphylococcus aureus   | BURKE, TAYLOR LAUREN           | Awarded. | Fellowships only | 2025/02/02 | 2030/02/01 | \$45,574  | \$45,574  | \$4,723  | \$45,574 |
| 4,375 | F31CA287966 | 1F31CA287966-01A1 | UNIVERSITY OF CHICAGO                   | Defining novel functions of ATF4 in early stages of pancreatic cancer tumorigenesis  | ZIOLKOWSKI, LEAH MARIE         | Awarded. | Fellowships only | 2024/09/30 | 2026/09/29 | \$48,974  | \$48,974  | \$31,212 | \$48,974 |
| 4,376 | F31NS139435 | 1F31NS139435-01   | BAYLOR COLLEGE OF MEDICINE              | Molecular mechanisms of Kv1 channel localization at the axon initial segment   | PALFINI, VICTORIA              | Awarded. | Fellowships only | 2024/09/03 | 2027/09/02 | \$48,974  | \$48,974  | \$36,072 | \$48,974 |
| 4,377 | F31HL168966 | 1F31HL168966-01A1 | HARVARD SCHOOL OF PUBLIC HEALTH         | Mechanisms of regenerative decline in aged alveolar type 2 cells   | JENSEN, JAKE                   | Awarded. | Fellowships only | 2024/08/01 | 2026/07/31 | \$36,138  | \$36,138  | \$29,082 | \$36,138 |
| 4,378 | F31HL170778 | 5F31HL170778-02   | UNIVERSITY OF MINNESOTA                 | Three-dimensional Confocal Microscopy Visualization and AFM-IR Chemical Mapping of Lung Surfactant Monolayer Collapse Morphologies | MCALLISTER, ZACHARY D          | Awarded. | Fellowships only | 2023/09/15 | 2026/09/14 | \$89,166  | \$89,166  | \$59,275 | \$45,223 |
| 4,379 | F32HL170760 | 5F32HL170760-02   | UNIVERSITY OF VIRGINIA                  | Role of Natural Antibodies and B1 cells in Fibroproliferative Lung Disease   | HANNAN, RILEY T                | Awarded. | Fellowships only | 2024/01/01 | 2025/12/31 | \$148,822 | \$148,822 | \$80,053 | \$78,222 |
| 4,380 | F31AG090000 | 1F31AG090000-01   | UNIVERSITY OF PENNSYLVANIA              | Decision-making consequences of decreased memory precision with age  | VAN GEEN, CAMILLA              | Awarded. | Fellowships only | 2024/08/01 | 2026/07/31 | \$48,974  | \$48,974  | \$39,168 | \$48,974 |
| 4,381 | F32GM156014 | 1F32GM156014-01   | WEILL MEDICAL COLL OF CORNELL UNIV      | Investigating the role of signaling feedback in directed cell migration  | PFANNENSTEIN, ALEXANDER        | Awarded. | Fellowships only | 2024/09/30 | 2027/09/29 | \$73,828  | \$73,828  | \$38,391 | \$73,828 |

|       |             |                   |   |   |                         |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|---|---|-------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 4,382 | F32GM156071 | 1F32GM156071-01   | FRED HUTCHINSON CANCER CENTER           | Ubiquitin-mediated regulation of kinetochore assembly and function  | FRANK, ANDERSON ROSS    | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$76,828  | \$76,828  | \$44,871  | \$76,828 |
| 4,383 | F32HD116519 | 1F32HD116519-01   | STANFORD UNIVERSITY                     | Tuning of infant olfactory circuits by early life interactions with caregivers  | AKBARI, NAJVA           | Awarded. Fellowships only | 2025/03/01 | 2028/02/29 | \$74,284  | \$74,284  | \$5,157   | \$74,284 |
| 4,384 | F31NS134123 | 5F31NS134123-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Identifying the function of alternatively spliced TDP43 isoforms and contribution to disease                          | DYKSTRA, MEGAN          | Awarded. Fellowships only | 2023/08/01 | 2026/07/31 | \$83,462  | \$83,462  | \$83,462  | \$42,600 |
| 4,385 | F31GM155953 | 1F31GM155953-01   | UNIVERSITY OF WASHINGTON                | Developing a Chemically-Controlled RAS Toolset  | BANALES MEJIA, FERNANDO | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$44,695  | \$44,695  | \$10,522  | \$44,695 |
| 4,386 | F31NS130939 | 5F31NS130939-03   | NORTHWESTERN UNIVERSITY AT CHICAGO      | The Role of Neutrophils in Ischemia/Reperfusion Injury following Acute Stroke   | ARIAS, ERIKA            | Awarded. Fellowships only | 2023/01/01 | 2026/09/30 | \$135,500 | \$135,500 | \$103,709 | \$46,091 |
| 4,387 | F31CA287567 | 1F31CA287567-01A1 | HARVARD MEDICAL SCHOOL                  | Elucidating Signatures of DNA Damage Response Alterations from Structural Variants in Human Cancer                    | RASKIND, GREGORY        | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$36,983  | \$36,983  | \$0       | \$36,983 |
| 4,388 | F32GM155989 | 1F32GM155989-01   | UNIVERSITY OF FLORIDA                   | Defining the mechanism of PTCHD1 and membrane cholesterol in the regulation of the mu-opioid receptor                 | LANKFORD, COLTEN KEITH  | Awarded. Fellowships only | 2025/03/01 | 2026/02/28 | \$74,284  | \$74,284  | \$7,323   | \$74,284 |
| 4,389 | F31DK141237 | 1F31DK141237-01   | HARVARD SCHOOL OF PUBLIC HEALTH         | Adjusting for selection bias due to missing eligibility data in electronic health records-based observational studies | BENZ, LUKE S            | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$41,656  | \$41,656  | \$34,882  | \$41,656 |
| 4,390 | F30AG090096 | 1F30AG090096-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Investigating Histone 3 Dopaminylation in Parkinsons Disease  | CHEN, WINNIE            | Awarded. Fellowships only | 2024/09/09 | 2028/09/08 | \$48,814  | \$48,814  | \$541     | \$48,814 |
| 4,391 | F31DK132867 | 5F31DK132867-03   | UNIVERSITY OF CALIFORNIA BERKELEY       | Aging-Dependent Changes in Adipose Tissue   | LIN, FRANCES            | Awarded. Fellowships only | 2022/12/01 | 2026/11/30 | \$133,147 | \$133,147 | \$106,885 | \$45,123 |
| 4,392 | F31HD114433 | 1F31HD114433-01A1 | UNIVERSITY OF PENNSYLVANIA              | Determining the role of sperm microRNAs in early development and non-genetic inheritance                              | LEE, GRACE SUNEUY       | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$36,266  | \$48,974 |
| 4,393 | F30HL175923 | 1F30HL175923-01   | HARVARD MEDICAL SCHOOL                  | Characterization of the role of ZSWIM8 and target-directed microRNA degradation in hematopoiesis                      | ELCAVAGE, LARA          | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$53,974  | \$53,974  | \$44,566  | \$53,974 |
| 4,394 | F31AA031908 | 1F31AA031908-01   | UNIVERSITY OF WASHINGTON                | Uncovering the Synergistic Effects of Chronic Alcohol Use and Pathological Tau Expression                             | PATARINO, MAKENZIE      | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$45,224  | \$45,224  | \$36,282  | \$45,224 |
| 4,395 | F31HL176029 | 1F31HL176029-01   | JOHNS HOPKINS UNIVERSITY                | Role of Extracellular Long-Chain Acyl-carnitines in the Normal and Stressed Heart                                     | MULLIGAN, ABIGAIL S     | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$32,974  | \$32,974  | \$11,760  | \$32,974 |
| 4,396 | F31NS135898 | 1F31NS135898-01A1 | MAYO CLINIC ROCHESTER                   | Quantifying the Interdependence of the Motor Network Using Intracranial Electrodes                                    | JENSEN, MICHAEL A       | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$27,220  | \$48,974 |
| 4,397 | F31HD111236 | 5F31HD111236-03   | BAYLOR COLLEGE OF MEDICINE              | Characterizing the impact of maternal immune response to urinary tract infection on preterm birth                     | OTTINGER, SAMANTHA      | Awarded. Fellowships only | 2022/12/09 | 2025/12/08 | \$148,420 | \$148,420 | \$122,009 | \$51,474 |
| 4,398 | F31HL172675 | 1F31HL172675-01A1 | UNIVERSITY OF ARIZONA                   | Regulation of SGK1-mediated Pathological Cardiac Hypertrophy by Non-Canonical ERAD                                    | BAGCHI, SUKRITI         | Awarded. Fellowships only | 2024/12/01 | 2029/06/30 | \$40,591  | \$40,591  | \$18,242  | \$40,591 |
| 4,399 | F31HL175896 | 1F31HL175896-01   | JOHNS HOPKINS UNIVERSITY                | TIGIT upholds peripheral tolerance in ICI-myocarditis   | JAIME, CAMILLE          | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$48,974  | \$48,974  | \$23,635  | \$48,974 |
| 4,400 | F31AG089944 | 1F31AG089944-01   | TEMPLE UNIV OF THE COMMONWEALTH         | Digital phenotypes from a low-cost smartwatch to inform early detection of Alzheimers disease and related dementias   | HOLMQVIST, SOPHIA       | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$38,812  | \$38,812  | \$20,330  | \$38,812 |
| 4,401 | F30DK131862 | 5F30DK131862-04   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Quantification of bacterial strain count in the human gut microbiome in health and disease                            | CHEN-LIAW, ALICE YULAN  | Awarded. Fellowships only | 2021/12/23 | 2025/12/22 | \$198,060 | \$198,060 | \$149,494 | \$53,680 |
| 4,402 | F31DE032592 | 5F31DE032592-03   | UNIVERSITY OF COLORADO DENVER           | Assessing TGF Beta1-Mediated ECM Remodeling in Metastatic Oral Squamous Cell Carcinoma                                | ALEMAN, JOHN            | Awarded. Fellowships only | 2022/12/01 | 2025/11/30 | \$133,660 | \$133,660 | \$83,748  | \$45,294 |
| 4,403 | F31HD115407 | 1F31HD115407-01A1 | BAYLOR COLLEGE OF MEDICINE              | Understanding the Role of NAD Deficiency in a Mendelian Disorder of Tryptophan Metabolism                             | ACEVES, NATHALIE MARIE  | Awarded. Fellowships only | 2025/01/06 | 2028/01/05 | \$46,174  | \$46,174  | \$0       | \$46,174 |
| 4,404 | F31HL175979 | 1F31HL175979-01A1 | UNIVERSITY OF KENTUCKY                  | PPARgamma Coregulators in Rosiglitazone-Induced Cardiovascular Disease  | BATES, EVELYN A         | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$34,896  | \$34,896  | \$0       | \$34,896 |

|       |             |                   |   |   |                                 |          |                  |            |            |           |           |          |          |
|-------|-------------|-------------------|---|---|---------------------------------|----------|------------------|------------|------------|-----------|-----------|----------|----------|
| 4,405 | F32CA298657 | 1F32CA298657-01   | DUKE UNIVERSITY                         | Manipulating Sex Hormone Signaling for Therapeutic Benefit in Liver Cancer  | BADER, DAVID ALAN               | Awarded. | Fellowships only | 2025/03/10 | 2028/03/09 | \$81,364  | \$81,364  | \$12,844 | \$81,364 |
| 4,406 | F31NS137600 | 5F31NS137600-02   | OREGON HEALTH & SCIENCE UNIVERSITY      | The role of P/Q-type channels in oligodendrocyte lineage cell development   | PILLER, MELANIE ELAINE          | Awarded. | Fellowships only | 2024/04/15 | 2027/04/14 | \$97,948  | \$97,948  | \$48,747 | \$48,974 |
| 4,407 | F31MD020274 | 1F31MD020274-01   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Local government expenditures as structural determinants of racial and ethnic disparities in firearm homicides                | BURKE, JONATHAN                 | Awarded. | Fellowships only | 2024/11/01 | 2026/10/31 | \$48,974  | \$48,974  | \$26,263 | \$48,974 |
| 4,408 | F32MH137993 | 1F32MH137993-01A1 | VANDERBILT UNIVERSITY                   | Social Reward Responsiveness and Interpersonal Stress as Predictors of Suicidal Ideation in Sexual- and Gender-Minority Youth | CARLTON-SMITH, CORINNE          | Awarded. | Fellowships only | 2024/09/30 | 2028/09/29 | \$76,420  | \$76,420  | \$32,244 | \$76,420 |
| 4,409 | F31HD110254 | 5F31HD110254-03   | NORTHEASTERN UNIVERSITY                 | Harnessing the Kohler Effect to Promote Motor Learning During Physically Assisted Rehabilitation                              | MANCZUROWSKY, JULIA ROSE        | Awarded. | Fellowships only | 2023/05/01 | 2026/04/30 | \$145,642 | \$145,642 | \$91,623 | \$48,974 |
| 4,410 | F31EB035931 | 1F31EB035931-01A1 | RENSSELAER POLYTECHNIC INSTITUTE        | Interpretable Real-Time Surgical Skill Assessment Via Optical Neuroimaging  | EASTMOND, CONDELL               | Awarded. | Fellowships only | 2025/01/06 | 2027/01/05 | \$48,974  | \$48,974  | \$14,470 | \$48,974 |
| 4,411 | F30AG077833 | 5F30AG077833-04   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Modulation of mitochondrial biogenesis by the Integrated Stress Response (ISR)  | KIM, SOOKYUNG                   | Awarded. | Fellowships only | 2022/05/05 | 2027/05/04 | \$177,666 | \$177,666 | \$95,870 | \$54,344 |
| 4,412 | F32HL177905 | 1F32HL177905-01   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Cardiac regulation of heart failure and obesity   | STACHOWSKI, MARISA              | Awarded. | Fellowships only | 2025/02/01 | 2028/01/31 | \$76,756  | \$76,756  | \$5,363  | \$76,756 |
| 4,413 | F31DC021860 | 1F31DC021860-01A1 | GEORGETOWN UNIVERSITY                   | Molecular Mechanisms of Type II Spiral Ganglion Neuron Development  | GEORGE, DEBORAH JANE            | Awarded. | Fellowships only | 2024/09/01 | 2025/08/31 | \$38,332  | \$38,332  | \$26,341 | \$38,332 |
| 4,414 | F31EY037192 | 1F31EY037192-01   | UNIVERSITY OF WISCONSIN-MADISON         | Effects of Regional Neural Architecture on Signal Processing in the Macaque Retina  | BUCCI, THEODORE J               | Awarded. | Fellowships only | 2024/12/01 | 2027/11/30 | \$40,367  | \$40,367  | \$20,350 | \$40,367 |
| 4,415 | F31EY037177 | 1F31EY037177-01   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR | Optical Coherence Tomography (OCT)-Guided Ultrafast, Nonthermal Laser Microablation for Non-invasive Vitreoretinal Surgery    | KERMANY, DANIEL                 | Awarded. | Fellowships only | 2025/02/01 | 2028/01/31 | \$37,570  | \$37,570  | \$12,002 | \$37,570 |
| 4,416 | F32AA032136 | 1F32AA032136-01   | UNIVERSITY OF MARYLAND BALTIMORE        | Impact of Alcohol on Claustrium Function  | WULFF, ANDREAS BRYDENFELT       | Awarded. | Fellowships only | 2024/09/09 | 2028/09/08 | \$74,284  | \$74,284  | \$45,242 | \$74,284 |
| 4,417 | F31MH139284 | 1F31MH139284-01   | NORTHWESTERN UNIVERSITY                 | EEG Coherence as a Biomarker for Psychomotor Disturbance and Course of Depression   | ZARUBIN, VANESSA C              | Awarded. | Fellowships only | 2024/12/01 | 2026/11/30 | \$43,185  | \$43,185  | \$0      | \$43,185 |
| 4,418 | F31AI176738 | 5F31AI176738-02   | HARVARD MEDICAL SCHOOL                  | Sex Differences in T cell metabolism  | KLINE, JACLYN                   | Awarded. | Fellowships only | 2024/05/01 | 2027/04/30 | \$80,121  | \$80,121  | \$36,556 | \$36,918 |
| 4,419 | F30AI189255 | 1F30AI189255-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Probing the Role of Secondary Lymphoid Tissue Architecture in HIV-1 Associated NLRP3 Inflammasome Signaling                   | MANGOLD, JESSE FRANCIS          | Awarded. | Fellowships only | 2024/12/01 | 2028/11/30 | \$49,474  | \$49,474  | \$0      | \$49,474 |
| 4,420 | F30CA278318 | 5F30CA278318-03   | WASHINGTON UNIVERSITY                   | The action of DDR2 in cancer-associated fibroblasts promotes ovarian cancer metastasis through increased arginase-1 activity. | AKINJIYAN, FAVOUR AYOMIDE       | Awarded. | Fellowships only | 2023/05/01 | 2027/04/30 | \$122,544 | \$122,544 | \$66,317 | \$53,974 |
| 4,421 | F30MH136688 | 1F30MH136688-01A1 | WASHINGTON UNIVERSITY                   | Antisense oligonucleotide-based upregulation of neurodevelopmental disorder gene MYT1L  | GACHECHILADZE, MARIAM ALEXANDRA | Awarded. | Fellowships only | 2024/09/01 | 2026/08/31 | \$35,482  | \$35,482  | \$19,642 | \$35,482 |
| 4,422 | F32MH134541 | 5F32MH134541-02   | WHITEHEAD INSTITUTE FOR BIOMEDICAL RES  | Mechanisms governing post-transcriptional regulation of neuronal microRNAs  | FRANK, MICHELLE                 | Awarded. | Fellowships only | 2024/04/01 | 2027/03/31 | \$155,648 | \$155,648 | \$77,659 | \$78,892 |
| 4,423 | F30AT013179 | 1F30AT013179-01   | YALE UNIVERSITY                         | Molecular and organizational mechanisms that build the vagal sensory code for interoception                                   | HAFEZ, OMAR                     | Awarded. | Fellowships only | 2025/05/01 | 2029/04/30 | \$33,958  | \$33,958  | \$0      | \$33,958 |
| 4,424 | F30HL170745 | 5F30HL170745-02   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Gain-of-function toxicity in alpha-1 antitrypsin deficient type 2 alveolar epithelial cells                                   | MERRITT, CARLY                  | Awarded. | Fellowships only | 2024/01/01 | 2027/06/30 | \$106,668 | \$106,668 | \$74,028 | \$53,974 |
| 4,425 | F31DA060673 | 5F31DA060673-02   | UNIVERSITY OF MISSISSIPPI MED CTR       | Role of sleep disruption in cognitive impairment associated with methamphetamine use  | BORGATTI, DANIEL                | Awarded. | Fellowships only | 2024/04/02 | 2027/04/01 | \$97,948  | \$97,948  | \$29,101 | \$48,974 |
| 4,426 | F30CA298102 | 1F30CA298102-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | HLA genetics shapes tumor immunosurveillance  | OLUMUYIDE, EZEKIEL OLUFIKAYOMI  | Awarded. | Fellowships only | 2025/04/24 | 2029/04/23 | \$44,224  | \$44,224  | \$0      | \$44,224 |

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|-------|-------------|-------------------|---|--|--------------------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 4,427 | F32GM157984 | 1F32GM157984-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Biocatalytic Synthesis of N-N and C-N Heterobiaryl Atropisomers  | WILLIAMS, WENDY L        | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$73,408  | \$73,408  | \$24,318  | \$73,408  |
| 4,428 | F31NS141637 | 1F31NS141637-01   | BAYLOR COLLEGE OF MEDICINE              | Defining the role of germline Daam2 variant R414W in familial glioma   | CHOY, TIFFANY JIYAN      | Awarded. Fellowships only     | 2025/01/03 | 2027/11/02 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 4,429 | F31NS141468 | 1F31NS141468-01   | YALE UNIVERSITY                         | Exploring Dopamine Transporter Recycling and Trafficking Defects in Parkinsons Disease   | HARMON, LEAH ELIZABETH   | Awarded. Fellowships only     | 2025/01/01 | 2026/09/30 | \$48,974  | \$48,974  | \$15,945  | \$48,974  |
| 4,430 | F31AG092149 | 1F31AG092149-01   | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Deciphering the function of cohesin and CTCF in R-loop-mediated DNA repair at telomeres  | IRVIN, ELIZABETH MARIE   | Awarded. Fellowships only     | 2025/02/01 | 2027/01/31 | \$40,560  | \$40,560  | \$0       | \$40,560  |
| 4,431 | F31CA288017 | 5F31CA288017-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Elucidating the Role of AIRE and Tumor Associated Aire-expressing Cells in Tumor Growth and Immune Evasion   | ARVEDSON, MATTHEW        | Awarded. Fellowships only     | 2024/04/01 | 2027/03/30 | \$82,986  | \$82,986  | \$41,493  | \$41,493  |
| 4,432 | F31DK138743 | 5F31DK138743-02   | UNIVERSITY OF CHICAGO                   | The Role of BNIP3 in Lipid Homeostasis in the Liver  | BOCK-HUGHES, ALTHEA      | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$97,948  | \$97,948  | \$46,424  | \$48,974  |
| 4,433 | F31DK139621 | 1F31DK139621-01A1 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Circadian Clock Regulation of HIF1 $\alpha$ -dependent Skeletal Muscle Metabolism during Diet-induced Obesity  | CHAIKIN, CLAIRE          | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$43,695  | \$43,695  | \$17,142  | \$43,695  |
| 4,434 | F31HD117499 | 1F31HD117499-01   | UNIVERSITY OF MAINE ORONO               | Identifying tissue-specific interactions to bridge mechanisms underlying muscle degeneration in Congenital Disorders of Glycosylation and Dystroglycanopathies | IGNACZ, AMANDA COLLEEN   | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$34,007  | \$34,007  | \$10,000  | \$34,007  |
| 4,435 | F31DE034608 | 1F31DE034608-01   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | The role of capsule production on the physiology of an oral commensal  | EDMONDS, SARA            | Awarded. Fellowships only     | 2024/09/04 | 2026/09/03 | \$41,356  | \$41,356  | \$19,332  | \$41,356  |
| 4,436 | F32AG077876 | 5F32AG077876-03   | STOWERS INSTITUTE FOR MEDICAL RESEARCH  | Investigating protein supersaturation as a driver of aging   | VON SCHULZE, ALEX        | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$225,148 | \$225,148 | \$146,256 | \$78,892  |
| 4,437 | F31AA032172 | 1F31AA032172-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Role of lncRNA Malat1 in Alcohol Use Disorder  | GIL, DANIELA VICTORIA    | Awarded. Fellowships only     | 2024/12/01 | 2028/11/30 | \$48,974  | \$48,974  | \$26,717  | \$48,974  |
| 4,438 | F31AI183546 | 1F31AI183546-01A1 | DUKE UNIVERSITY                         | Chlamydia trachomatis evades a novel IL32-mediated immune resistance program   | REITANO, JEFFREY R       | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$42,196  | \$42,196  | \$15,521  | \$42,196  |
| 4,439 | F31AA032198 | 1F31AA032198-01   | STATE UNIVERSITY OF NY,BINGHAMTON       | Prenatal alcohol exposure and acute alcohol: the role of CRFR1 in the extended amygdala  | WINCHESTER, SARAH        | Awarded. Fellowships only     | 2025/02/24 | 2027/02/23 | \$33,634  | \$33,634  | \$4,326   | \$33,634  |
| 4,440 | F30ES033510 | 5F30ES033510-04   | UNIVERSITY OF ILLINOIS AT CHICAGO       | The Impact of Metals and Metal Mixtures on Cardiometabolic Disease Trajectories in Hispanics/Latinos   | SCHULZ, MARGARET         | Awarded. Fellowships only     | 2022/05/01 | 2027/04/30 | \$212,394 | \$212,394 | \$156,732 | \$53,974  |
| 4,441 | F31HL168963 | 5F31HL168963-03   | AUGUSTA UNIVERSITY                      | Origins of sex differences in the mechanisms of obesity-associated hypertension  | BARRIS, CANDEE           | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$126,256 | \$126,256 | \$67,977  | \$42,512  |
| 4,442 | F31HD115309 | 5F31HD115309-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Assessing Design Trade-Offs in an Orthosis with Enhanced Functionality and Customizability   | BYWATER, EMILY ANN       | Awarded. Fellowships only     | 2024/03/14 | 2027/03/13 | \$94,297  | \$94,297  | \$64,034  | \$47,466  |
| 4,443 | F30CA291027 | 1F30CA291027-01A1 | EMORY UNIVERSITY                        | ICOS is an important mediator of both resident memory cell formation, and improved durability and persistence of anti-tumor T cells                            | WITTLING, MEGEN CLAIRE   | Awarded. Fellowships only     | 2025/02/20 | 2029/02/19 | \$53,974  | \$53,974  | \$486     | \$53,974  |
| 4,444 | F31EY037171 | 1F31EY037171-01   | JOHNS HOPKINS UNIVERSITY                | Evaluation of Human Retinal Ganglion Cell Regenerative Potential   | CEISEL, ANNELIESE        | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 4,445 | T35HL007744 | 5T35HL007744-30   | UNIVERSITY OF UTAH                      | Short-term Training: Students in Health Professional Schools   | TRISTANI-FIROUZI, MARTIN | Awarded. Non-fellowships only | 1993/07/01 | 2026/01/31 | \$465,015 | \$465,015 | \$364,131 | \$41,599  |
| 4,446 | T32HD043730 | 5T32HD043730-22   | UNIVERSITY OF FLORIDA                   | Fuller T32 renewal   | FULLER, DAVID D          | Awarded. Non-fellowships only | 2003/06/11 | 2029/04/30 | \$581,850 | \$581,850 | \$235,758 | \$296,082 |
| 4,447 | F30AG082448 | 5F30AG082448-03   | GEORGETOWN UNIVERSITY                   | Characterizing Entorhinal Cortex Circuit Dysfunction in an APOE Mouse Model of Chemotherapy-Induced Cognitive Impairment                                       | LUO, NANCY               | Awarded. Fellowships only     | 2023/05/03 | 2028/05/02 | \$125,242 | \$125,242 | \$69,623  | \$53,974  |

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|-------|-------------|-------------------|---|---|---|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|
| 4,448 | F32ES035271 | 5F32ES035271-02   | UNIV OF NORTH CAROLINA<br>CHAPEL HILL       | Evolution and underlying genetics of thermal physiology and behavior in Drosophila  | RADER, JONATHAN A                         | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$151,040 | \$151,040 | \$62,770  | \$76,756  |
| 4,449 | F31NS141317 | 1F31NS141317-01   | BAYLOR COLLEGE OF MEDICINE                  | Causal Inference in Bimanual Touch  | DENGHAUSEN, ELISE                         | Awarded. Fellowships only     | 2024/12/13 | 2027/10/12 | \$48,974  | \$48,974  | \$10,982  | \$48,974  |
| 4,450 | F30DK139715 | 1F30DK139715-01A1 | UNIVERSITY OF MIAMI SCHOOL OF<br>MEDICINE   | The impact of the neuronal Kv7.2 current on cholinergic control of pancreas secretion   | LEVI, NOAH JOSEPH                         | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$45,574  | \$45,574  | \$0       | \$45,574  |
| 4,451 | F32CA298730 | 1F32CA298730-01   | SLOAN-KETTERING INST CAN<br>RESEARCH        | Investigating the Role of Mutagenic DNA Repair during the Persistence of Cancer Cells   | KELLEY, MEGAN<br>ELIZABETH                | Awarded. Fellowships only     | 2025/03/01 | 2028/04/30 | \$79,010  | \$79,010  | \$3,882   | \$79,010  |
| 4,452 | F31NS141619 | 1F31NS141619-01   | UNIVERSITY OF CHICAGO                       | Targeting transcription and translation of the antisense CCCCGG repeat expansion in C9ORF72 ALS/FTD                             | ANTONOPOULOS, MIRA N                      | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$48,974  | \$48,974  | \$25,256  | \$48,974  |
| 4,453 | T35EY033704 | 5T35EY033704-04   | UNIVERSITY OF CALIFORNIA, SAN<br>DIEGO      | Short-Term Research training In Vision and Eye health (STRIVE)  | BAXTER, SALLY LIU                         | Awarded. Non-fellowships only | 2022/05/01 | 2027/03/31 | \$122,963 | \$122,963 | \$71,247  | \$25,444  |
| 4,454 | F32GM157872 | 1F32GM157872-01   | UNIVERSITY OF UTAH                          | Generality-Oriented Development of Novel Methods for the Synthesis of Enantioenriched Sulfondiimines Using Data Science         | SLOCUMB, HANNAH                           | Awarded. Fellowships only     | 2025/02/02 | 2028/02/01 | \$73,408  | \$73,408  | \$15,252  | \$73,408  |
| 4,455 | F31DK137568 | 5F31DK137568-02   | UNIVERSITY OF OKLAHOMA HLTH<br>SCIENCES CTR | Targeting kidney resident macrophage niche filling to slow cystic kidney disease  | YASHCHENKO, ALEX                          | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$74,878  | \$74,878  | \$32,576  | \$37,439  |
| 4,456 | F31GM157953 | 1F31GM157953-01   | UNIVERSITY OF CHICAGO                       | Determining the role of the long non-coding RNA HOTTIP in regulation of the HOXA gene cluster                                   | ZELKO, MICHAEL                            | Awarded. Fellowships only     | 2025/01/01 | 2028/06/30 | \$48,974  | \$48,974  | \$0       | \$48,974  |
| 4,457 | F30DE030686 | 5F30DE030686-04   | UNIVERSITY OF MICHIGAN AT ANN<br>ARBOR      | Elucidating the Molecular Mechanism of TRIP13-mediated Radiation Resistance in Oral Squamous Cell Carcinoma                     | HUTCHINSON, MARSHA-<br>KAY NORISSA DEANNA | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$215,140 | \$215,140 | \$215,140 | \$57,774  |
| 4,458 | F31CA281168 | 5F31CA281168-02   | UNIVERSITY OF CALIFORNIA LOS<br>ANGELES     | Predicting prostate cancer clinical outcomes with germline genomic biomarkers   | ZELTSER, NICOLE                           | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$82,656  | \$82,656  | \$33,516  | \$41,328  |
| 4,459 | F30CA281085 | 5F30CA281085-02   | DUKE UNIVERSITY                             | Mechanisms of Macrophage-Mediated Immune Evasion in Residual Tumors   | RAJ, JUDE                                 | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$84,390  | \$84,390  | \$44,547  | \$42,195  |
| 4,460 | F30CA264513 | 5F30CA264513-05   | NORTHWESTERN UNIVERSITY AT<br>CHICAGO       | Elucidating the Role of C16orf72 in the Cellular Stress Response Network  | AMICI, DAVID RUSSELL                      | Awarded. Fellowships only     | 2021/03/01 | 2026/02/28 | \$245,694 | \$245,694 | \$182,040 | \$53,974  |
| 4,461 | F30HL167568 | 5F30HL167568-03   | NEW YORK UNIVERSITY SCHOOL OF<br>MEDICINE   | The role of Immune-responsive gene 1 and itaconate in atherosclerotic disease   | BOZAL, FAZLI KAMER                        | Awarded. Fellowships only     | 2023/04/01 | 2027/03/31 | \$160,642 | \$160,642 | \$69,072  | \$53,974  |
| 4,462 | F30HL167586 | 5F30HL167586-02   | UNIVERSITY OF UTAH                          | Implementation and Effectiveness of Patient Reported Outcome Measures for Peripheral Arterial Disease                           | HOLEMAN, TERYN ALLENE                     | Awarded. Fellowships only     | 2023/09/01 | 2027/07/31 | \$78,472  | \$78,472  | \$58,374  | \$40,126  |
| 4,463 | F31HL165967 | 5F31HL165967-02   | UNIVERSITY OF COLORADO<br>DENVER            | Epicardial Adipose Tissue and Cardiometabolic Risk Factors in Youth-Onset Type 2 Diabetes Undergoing Bariatric Surgery          | DOBBS, TYLER J                            | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$73,816  | \$73,816  | \$38,589  | \$36,908  |
| 4,464 | F31GM153150 | 5F31GM153150-02   | COLORADO STATE UNIVERSITY                   | Mechanisms Directing Translating Complexes to Plasma Membranes for Local Translation  | TORRES, NALY                              | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$82,564  | \$82,564  | \$53,009  | \$41,282  |
| 4,465 | F30HL168952 | 5F30HL168952-03   | BOSTON UNIVERSITY (CHARLES<br>RIVER CAMPUS) | Probing immunovascular mechanobiology in pneumonia-associated acute lung injury at the single capillary level                   | SHI, LINZHENG                             | Awarded. Fellowships only     | 2023/05/01 | 2028/04/30 | \$160,642 | \$160,642 | \$58,138  | \$53,974  |
| 4,466 | T35OD029981 | 5T35OD029981-05   | KANSAS STATE UNIVERSITY                     | Short Term Training in Health Professional Schools  | SCHULTZ, BRUCE D                          | Awarded. Non-fellowships only | 2020/07/01 | 2026/01/30 | \$335,742 | \$335,742 | \$259,448 | \$71,224  |
| 4,467 | T32HD007414 | 5T32HD007414-32   | HUGO W. MOSER RES INST<br>KENNEDY KRIEGER   | Research Training in Rehabilitation for Brain Injury and Neurological Disability  | BASTIAN, AMY J                            | Awarded. Non-fellowships only | 1991/09/30 | 2029/04/30 | \$769,112 | \$769,112 | \$139,379 | \$383,221 |
| 4,468 | F31CA278330 | 5F31CA278330-03   | VANDERBILT UNIVERSITY                       | Polyamine Dysregulation in the Gastric Epithelium during Helicobacter pylori Infection and its Impact on Gastric Carcinogenesis | MCNAMARA, KARA                            | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$101,575 | \$101,575 | \$64,806  | \$34,285  |

|       |             |                   |  |  |                                |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|--|--|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,469 | F31MH133309 | 5F31MH133309-02   | VIRGINIA COMMONWEALTH UNIVERSITY         | Reprogramming Transcription Factors to Study Social Behavior   | TRUBY, NATALIE L               | Awarded. Fellowships only     | 2023/09/25 | 2025/09/24 | \$85,528    | \$85,528    | \$69,059    | \$43,404    |
| 4,470 | F31CA271743 | 5F31CA271743-03   | JOHNS HOPKINS UNIVERSITY                 | Molecular Basis of Histone Methylation by PRMT5  | RAHMAN, SANIM                  | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$145,642   | \$145,642   | \$84,793    | \$48,974    |
| 4,471 | T32HD098061 | 5T32HD098061-07   | BOSTON CHILDREN'S HOSPITAL               | Neonatal Research Training Program   | KOUREMBANAS, STELLA            | Awarded. Non-fellowships only | 2019/05/01 | 2029/04/30 | \$1,143,572 | \$1,143,572 | \$477,129   | \$591,193   |
| 4,472 | F31NS135897 | 5F31NS135897-02   | UNIVERSITY OF VIRGINIA                   | Exploring the role of hyper-phagocytic microglia and SYK signaling in the aged hippocampus during COVID-19           | NATALE, NICK                   | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$75,086    | \$75,086    | \$39,077    | \$38,183    |
| 4,473 | F32AG082483 | 5F32AG082483-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Investigating the role of an EIF2B3 variant as an Alzheimers disease risk modifier                                   | GARRETTI, FRANCESCA            | Awarded. Fellowships only     | 2023/03/23 | 2026/03/22 | \$223,120   | \$223,120   | \$116,361   | \$79,756    |
| 4,474 | F32NS129589 | 5F32NS129589-03   | HARVARD MEDICAL SCHOOL                   | The Role of Mechanosensory Activity in the Transcriptional Maturation of Primary Somatosensory Neurons               | SHUSTER, SCOTT ANDREW          | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$220,120   | \$220,120   | \$150,642   | \$76,756    |
| 4,475 | F32DC022192 | 1F32DC022192-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Language plasticity after childhood hemispherectomy: Neuroimaging and computational modeling                         | MARTIN, KELLY C                | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$74,284    | \$74,284    | \$9,713     | \$74,284    |
| 4,476 | F30AI169748 | 5F30AI169748-03   | VANDERBILT UNIVERSITY                    | Copper Sensing in Uropathogenic Escherichia coli   | REASONER, SETH A               | Awarded. Fellowships only     | 2023/01/01 | 2026/12/31 | \$121,152   | \$121,152   | \$76,519    | \$53,974    |
| 4,477 | F31GM150269 | 5F31GM150269-02   | RICE UNIVERSITY                          | Investigating PEX11 roles in shaping peroxisome architecture and dynamics  | THARP, NATHAN                  | Awarded. Fellowships only     | 2024/01/05 | 2027/07/04 | \$97,948    | \$97,948    | \$57,147    | \$48,974    |
| 4,478 | F31CA275102 | 5F31CA275102-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Extracellular Matrix Remodeling and the Control of Invasive Lobular Carcinoma Progression                            | OLSON, ADAM WALLACE            | Awarded. Fellowships only     | 2023/04/01 | 2025/12/31 | \$116,656   | \$116,656   | \$107,313   | \$34,608    |
| 4,479 | F31HL167460 | 5F31HL167460-03   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | The Involvement of PBRM1 in Alveolar Macrophage Development, Homeostasis, and Immune Function                        | RATTU MANDIAS, HANNAH CAROLINE | Awarded. Fellowships only     | 2023/02/01 | 2027/01/31 | \$122,473   | \$122,473   | \$84,576    | \$41,251    |
| 4,480 | TL1TR002318 | 5TL1TR002318-09   | UNIVERSITY OF WASHINGTON                 | NRSA Training Core   | MOORE, MEGAN                   | Awarded. Non-fellowships only | 2017/06/01 | 2027/02/28 | \$3,573,088 | \$3,573,088 | \$2,637,187 | \$1,024,656 |
| 4,481 | F30DE033624 | 5F30DE033624-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | The Role of Ubiquitin Conjugating Enzyme (Ubc9) in Endochondral Ossification   | MCCULLOUGH, KAYLA R            | Awarded. Fellowships only     | 2024/03/13 | 2027/03/12 | \$113,768   | \$113,768   | \$48,198    | \$57,774    |
| 4,482 | F31AI176719 | 5F31AI176719-02   | DUKE UNIVERSITY                          | The Molecular Mechanism and Pathophysiology of Robust STAT3 Signaling During Oral Salmonella Typhimurium Infection   | GAGGIOLI, MARGARET RYAN        | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$83,948    | \$83,948    | \$51,084    | \$42,327    |
| 4,483 | F31HD114363 | 5F31HD114363-02   | UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA | Maternal-Child RSA Synchrony in Infants with Fragile X Syndrome  | HANTMAN, RACHEL                | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$85,148    | \$85,148    | \$39,455    | \$42,574    |
| 4,484 | F31DA060687 | 5F31DA060687-02   | MEDICAL COLLEGE OF WISCONSIN             | Involvement of Gq Signaling in the Mobilization of 2-Arachidonoylglycerol by Corticosterone in the Prefrontal Cortex | LASKOWSKI, LAUREN J            | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$43,475    | \$48,974    |
| 4,485 | F31DA057116 | 5F31DA057116-03   | DUKE UNIVERSITY                          | Epigenetic Regulation of Microglia Dopamine System Interactions  | CLARK, MADELINE J              | Awarded. Fellowships only     | 2023/03/13 | 2026/03/12 | \$123,397   | \$123,397   | \$84,910    | \$41,559    |
| 4,486 | F31ES036102 | 5F31ES036102-02   | OHIO STATE UNIVERSITY                    | The role of endogenous docosahexaenoic acid in resolving ozone induced lung inflammation                             | YAEGER, MICHAEL JEROME         | Awarded. Fellowships only     | 2024/02/09 | 2026/02/08 | \$88,148    | \$88,148    | \$38,146    | \$44,074    |
| 4,487 | F30MH136699 | 5F30MH136699-02   | UNIVERSITY OF PENNSYLVANIA               | Investigating the Role of GABAergic Interneurons in the Dorsomedial Striatum in Goal-Directed Behavior               | ILIAKIS, EVAN ALEXANDER        | Awarded. Fellowships only     | 2024/04/01 | 2028/03/31 | \$90,780    | \$90,780    | \$58,156    | \$36,806    |
| 4,488 | F31NS132473 | 5F31NS132473-02   | UT SOUTHWESTERN MEDICAL CENTER           | Mechanisms of Setd2 in cortical circuit function: Convergence with Fragile X Syndrome                                | POPE, ALEXANDER                | Awarded. Fellowships only     | 2024/01/05 | 2026/11/04 | \$81,012    | \$81,012    | \$46,638    | \$40,506    |
| 4,489 | F30DK137559 | 5F30DK137559-02   | PURDUE UNIVERSITY                        | The Role of G Protein-Coupled Estrogen Receptor Signaling in the Maintenance of Beta Cell Identity                   | MCLAUGHLIN, MADELINE RAE       | Awarded. Fellowships only     | 2024/03/01 | 2028/02/28 | \$107,948   | \$107,948   | \$39,545    | \$53,974    |
| 4,490 | F31EY032764 | 5F31EY032764-05   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Characterization of DHDDS RP59 Knockin Models of Retinitis Pigmentosa  | NGUYEN, MAI N                  | Awarded. Fellowships only     | 2021/03/15 | 2026/03/14 | \$197,430   | \$197,430   | \$156,646   | \$40,774    |



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|-------|-------------|-------------------|--|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,491 | F32MH136662 | 5F32MH136662-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Mapping the functional GPCR-ome and its signaling consequences in neurons  | HE, XINYI JENNY         | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$153,364   | \$153,364   | \$66,267    | \$79,284  |
| 4,492 | F32AI188627 | 1F32AI188627-01   | WASHINGTON UNIVERSITY                    | Heme Homeostasis in the Malaria Parasite Plasmodium falciparum   | ROSENTHAL, MELISSA      | Awarded. Fellowships only     | 2025/01/16 | 2027/01/15 | \$76,528    | \$76,528    | \$11,889    | \$76,528  |
| 4,493 | F31HL178112 | 1F31HL178112-01   | MEDICAL COLLEGE OF WISCONSIN             | Unraveling the Role of Modified HDL in Atherogenesis   | BOBEK, JORDAN M         | Awarded. Fellowships only     | 2024/12/05 | 2027/12/04 | \$48,974    | \$48,974    | \$5,028     | \$48,974  |
| 4,494 | T32HL076134 | 5T32HL076134-18   | MIRIAM HOSPITAL                          | Training in Behavioral and Preventative Medicine   | THOMAS, JOHN GRAHAM     | Awarded. Non-fellowships only | 2006/04/01 | 2027/12/31 | \$1,286,397 | \$1,286,397 | \$434,260   | \$523,617 |
| 4,495 | F31DA060614 | 5F31DA060614-02   | WAKE FOREST UNIVERSITY HEALTH SCIENCES   | The effect of ethanol self-administration on cocaine reinforcement in male and female monkeys  | ALLEN, MIA ISABEL       | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$97,948    | \$97,948    | \$49,645    | \$48,974  |
| 4,496 | F31HL167563 | 5F31HL167563-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Endothelial NOX1-Mediated AMPK $\alpha$ 1 Propagates Hypoxia-Induced Pulmonary Hypertension via the CIP/KIP family of CDK inhibitors | GOOSSEN, CHRISTIAN J    | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$97,948    | \$97,948    | \$43,172    | \$48,974  |
| 4,497 | T32CA193200 | 5T32CA193200-10   | YALE UNIVERSITY                          | Yale Cancer Biology Training Grant   | STERN, DAVID F          | Awarded. Non-fellowships only | 2016/04/20 | 2026/03/31 | \$2,115,838 | \$2,115,838 | \$1,539,398 | \$312,179 |
| 4,498 | F30AI181285 | 5F30AI181285-02   | WASHINGTON UNIVERSITY                    | Elucidating the role of intestinal M cells in rotavirus enteric infection, systemic dissemination, and pathogenesis                  | ANTIA, AVAN             | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$87,671    | \$87,671    | \$41,297    | \$53,048  |
| 4,499 | T32HL149646 | 2T32HL149646-06   | UNIVERSITY OF COLORADO                   | Transdisciplinary Training in Sleep and Circadian Research   | WRIGHT, KENNETH P       | Awarded. Non-fellowships only | 2020/03/01 | 2030/02/28 | \$336,298   | \$336,298   | \$0         | \$336,298 |
| 4,500 | F31NS131037 | 5F31NS131037-02   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Modeling THO complex neurodevelopmental disorder mutations in gene expression regulation using budding yeast                         | WECHSLER, THERESA FAITH | Awarded. Fellowships only     | 2023/09/01 | 2025/10/31 | \$82,114    | \$82,114    | \$68,675    | \$41,826  |
| 4,501 | T35OD010919 | 5T35OD010919-28   | UNIVERSITY OF PENNSYLVANIA               | Short-term Training: students in health professional schools   | ATCHISON, MICHAEL LEE   | Awarded. Non-fellowships only | 1998/01/01 | 2028/03/31 | \$401,678   | \$401,678   | \$279,366   | \$142,448 |
| 4,502 | F30ES036063 | 5F30ES036063-02   | UNIVERSITY OF NEBRASKA MEDICAL CENTER    | Targeting the ACOD1 immunometabolic pathway of lung myeloid cells to reduce environmental exposure-induced lung disease              | SCHWAB, AARON           | Awarded. Fellowships only     | 2024/01/15 | 2025/12/31 | \$75,454    | \$75,454    | \$37,989    | \$37,727  |
| 4,503 | F32GM153091 | 5F32GM153091-02   | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Developing Selective P-catalysts for Dehydrative Transformations   | ALI, SIRAJ ZAKI         | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$151,040   | \$151,040   | \$72,760    | \$76,756  |
| 4,504 | F31AI186227 | 1F31AI186227-01A1 | JOHNS HOPKINS UNIVERSITY                 | Identifying metabolic targets to reinvigorate T cell exhaustion  | CHA, MINSUN             | Awarded. Fellowships only     | 2025/05/01 | 2027/04/30 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 4,505 | F31MH140381 | 1F31MH140381-01   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Pathways to Loneliness in First-Episode Psychosis: Testing the Sociodevelopmental Model  | GRUNFELD, GIL           | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 4,506 | F31HD118759 | 1F31HD118759-01   | UNIVERSITY OF PENNSYLVANIA               | Investigating the Role of GSK3A in Cohesin Dynamics and Gene Regulation  | SHAPIRO, JOANATTA       | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$48,974    | \$48,974    | \$2,352     | \$48,974  |
| 4,507 | F31AI191670 | 1F31AI191670-01   | MEDICAL COLLEGE OF WISCONSIN             | Uncovering the proviral role of B cell-intrinsic STAT1 expression during chronic gammaherpesvirus infection                          | JOHANSEN, ERIKA R       | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 4,508 | F31DK141243 | 1F31DK141243-01A1 | VANDERBILT UNIVERSITY                    | Weight Regulation by GLP1R agonists via a non-canonical hypothalamic PKA-mTORC1 mediated pathway                                     | RAGHAVAN, RITIKA        | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$34,370    | \$34,370    | \$0         | \$34,370  |
| 4,509 | F31EY037588 | 1F31EY037588-01   | JOHNS HOPKINS UNIVERSITY                 | Transcription and chromatin dynamics controlling stochastic cell fate specification  | STEINSON, EMMA          | Awarded. Fellowships only     | 2025/05/01 | 2029/04/30 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 4,510 | T32GM152316 | 3T32GM152316-01S2 | UNIV OF NORTH CAROLINA CHAPEL HILL       | UNC Medical Scientist Training Program   | DESHMUKH, MOHANISH P    | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$1,378,526 | \$1,378,526 | \$1,257,348 | \$59,936  |
| 4,511 | T32GM136561 | 3T32GM136561-05S1 | UNIVERSITY OF MARYLAND BALTIMORE         | Medical Scientist Training Program   | ROGHMANN, MARY-CLAIRE   | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$4,017,159 | \$4,017,159 | \$3,937,950 | \$59,936  |



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|-------|-------------|-------------------|--|--|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|----------|
| 4,512 | T32GM144295 | 3T32GM144295-03S1 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Medical Scientist Training Program   | HAUSER, ALAN R                 | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$5,425,795 | \$5,425,795 | \$4,618,020 | \$59,936 |
| 4,513 | F32HD117580 | 1F32HD117580-01A1 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | Understanding how experience shapes language development through comparisons of large language models and neural representations | OLSON, HALIE ANN               | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$74,284    | \$74,284    | \$0         | \$74,284 |
| 4,514 | F31HD118792 | 1F31HD118792-01   | UNIVERSITY OF PENNSYLVANIA               | Breaking Down the Balbiani Body and Germplasm: An Endogenous Structure and Function Analysis on the Buc Protein                  | GUERIN, MEGAN NICOLE           | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$48,974    | \$48,974    | \$2,352     | \$48,974 |
| 4,515 | F31DC022802 | 1F31DC022802-01   | EMORY UNIVERSITY                         | The role of mouse auditory cortex and inferior colliculus in recovery from hearing loss  | MCELROY, ABIGAIL               | Awarded. Fellowships only     | 2024/12/16 | 2027/12/15 | \$48,974    | \$48,974    | \$0         | \$48,974 |
| 4,516 | T32GM008361 | 3T32GM008361-33S1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Medical Scientist Training Program   | YACOUBIAN, TALENE ALENE        | Awarded. Non-fellowships only | 1992/07/01 | 2025/06/30 | \$5,090,529 | \$5,090,529 | \$4,643,457 | \$57,162 |
| 4,517 | F31AI179043 | 5F31AI179043-02   | UNIVERSITY OF WASHINGTON                 | The role of antigen-independent T cell activation in controlling M. tuberculosis infection                                       | WINTER, CASSANDRA              | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$97,948    | \$97,948    | \$56,177    | \$48,974 |
| 4,518 | F30CA265281 | 5F30CA265281-05   | OHIO STATE UNIVERSITY                    | The role of PTPN11 and NPM1 mutations in acute myeloid leukemia development and therapy resistance                               | FOBARE, SYDNEY                 | Awarded. Fellowships only     | 2022/01/01 | 2025/12/31 | \$195,248   | \$195,248   | \$51,853    | \$53,974 |
| 4,519 | F30EY034380 | 3F30EY034380-03S1 | YALE UNIVERSITY                          | Plasticity of cortical networks during learning  | BATCHELOR, HANNAH MARIE        | Awarded. Fellowships only     | 2022/09/16 | 2026/09/15 | \$124,190   | \$124,190   | \$76,460    | \$21,000 |
| 4,520 | F30AI167482 | 5F30AI167482-04   | UNIVERSITY OF CINCINNATI                 | Single Cell Analysis of Alloreactive CD8+ T Cells in Kidney Transplant Rejection   | SHI, TIFFANY                   | Awarded. Fellowships only     | 2022/11/22 | 2026/07/21 | \$136,524   | \$130,078   | \$58,655    | \$53,974 |
| 4,521 | F32GM153164 | 3F32GM153164-01S1 | ROCKEFELLER UNIVERSITY                   | Structure-function mapping of large cargo transport through the nuclear pore complex   | CAFFALETTE, CHRISTOPHER ALPERT | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$155,648   | \$155,648   | \$80,777    | \$78,892 |
| 4,522 | F31MH135645 | 5F31MH135645-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Human Cortical Ripples as a Mechanism for Neural Binding   | VERZHBINSKY, ILYA ALEXEY       | Awarded. Fellowships only     | 2024/03/14 | 2026/03/13 | \$84,157    | \$84,157    | \$41,944    | \$42,213 |
| 4,523 | F31AA032407 | 1F31AA032407-01   | UNIVERSITY OF PENNSYLVANIA               | The impact of alcohol and its metabolites on the epigenome of astrocytes   | CHEN, SERENA J                 | Awarded. Fellowships only     | 2025/05/01 | 2029/04/30 | \$48,974    | \$48,974    | \$0         | \$48,974 |
| 4,524 | F30HD113183 | 5F30HD113183-02   | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Tet-mediated DNA hydroxylation vs formylation and carboxylation in NSC biology   | EBERT, BLAKE C                 | Awarded. Fellowships only     | 2024/04/16 | 2027/04/15 | \$106,668   | \$106,668   | \$54,421    | \$53,974 |
| 4,525 | F31AG079632 | 5F31AG079632-02   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Interrogating the roles of canonical versus variant histone H3 in genome function during aging                                   | MCPHERSON, JEANNE-MARIE        | Awarded. Fellowships only     | 2023/05/01 | 2025/07/31 | \$79,493    | \$79,493    | \$69,637    | \$40,496 |
| 4,526 | F31AG086033 | 1F31AG086033-01   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | WIP12B/ATG-18 phosphorylation regulates neuronal autophagosome biogenesis in vivo  | TSONG, HEATHER                 | Awarded. Fellowships only     | 2025/01/08 | 2028/01/07 | \$36,960    | \$36,960    | \$9,605     | \$36,960 |
| 4,527 | F32EY035926 | 1F32EY035926-01   | UNIVERSITY OF CALIFORNIA BERKELEY        | Contributions of cortical feedback to orientation-dependent surround suppression   | SIT, KEVIN KA-MAN              | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$73,828    | \$73,828    | \$64,440    | \$73,828 |
| 4,528 | F31GM153113 | 1F31GM153113-01   | UNIVERSITY OF UTAH                       | Human COX7B Contains a cAMP-Responsive Riboswitch that Modulates Oxidative Phosphorylation                                       | SKABELUND, RACHEL ANNE         | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$39,593    | \$39,593    | \$34,344    | \$39,593 |
| 4,529 | F32GM153164 | 1F32GM153164-01   | ROCKEFELLER UNIVERSITY                   | Structure-function mapping of large cargo transport through the nuclear pore complex   | CAFFALETTE, CHRISTOPHER ALPERT | Awarded. Fellowships only     | 2024/02/01 | 2026/01/31 | \$155,648   | \$155,648   | \$80,777    | \$76,756 |
| 4,530 | F31DA056207 | 5F31DA056207-02   | RUTGERS, THE STATE UNIV OF N.J.          | Smoking-related Differences in Baroreflex Sensitivity and Fear Inhibition in Adults Who Do and Do Not Smoke Cigarettes           | BRINKMAN, HANNAH               | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$92,668    | \$92,668    | \$77,968    | \$47,181 |
| 4,531 | F30DK128945 | 5F30DK128945-04   | UNIVERSITY OF FLORIDA                    | Generation of Islet Specific T Follicular Regulatory Like Cells for Autologous Cell Therapy of Type 1 Diabetes                   | THIRAWATANANOND, PUCHONG       | Awarded. Fellowships only     | 2021/05/16 | 2025/05/15 | \$177,023   | \$177,023   | \$171,636   | \$53,974 |
| 4,532 | F32AI167600 | 5F32AI167600-04   | TEMPLE UNIV OF THE COMMONWEALTH          | Evaluating seasonality of influenza in the tropics: Case study in Vietnam  | SERVADIO, JOSEPH               | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$214,643   | \$214,643   | \$197,998   | \$76,756 |

|       |             |                   |   |   |                                |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|---|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,533 | F30AI181286 | 1F30AI181286-01   | BAYLOR COLLEGE OF MEDICINE              | Mechanisms enabling the oral-to-systemic absorption of a microbially delivered immunomodulatory peptide                   | KADY, MOHAMED RYAN             | Awarded. Fellowships only     | 2024/08/06 | 2027/08/05 | \$49,821    | \$49,821    | \$22,454    | \$49,821  |
| 4,534 | F32GM153018 | 1F32GM153018-01   | WASHINGTON UNIVERSITY                   | CONTROL OF RB TUMOR SUPPRESSOR FUNCTIONS THROUGH POST-TRANSLATIONAL MODIFICATIONS   | USHER, EMERY THOMAS            | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$73,828    | \$73,828    | \$39,173    | \$73,828  |
| 4,535 | F31DA056148 | 5F31DA056148-03   | UNIVERSITY OF WASHINGTON                | Norepinephrine and dopamine dynamics during conditioned place preference and aversion in dorsal hippocampus               | MATARASSO, AVI KEFIR           | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$142,928   | \$142,928   | \$139,716   | \$48,974  |
| 4,536 | F30HL172988 | 1F30HL172988-01   | UNIVERSITY OF FLORIDA                   | Clinical, Histological, and Transcriptional Associations Between the Diabetic Placenta and Fetal Congenital Heart Defects | MAHADEVAN, ADITYA DEVIDAS      | Awarded. Fellowships only     | 2024/08/16 | 2028/08/15 | \$43,163    | \$43,163    | \$27,418    | \$43,163  |
| 4,537 | F32HD107853 | 5F32HD107853-03   | DUKE UNIVERSITY                         | Quantitative dissection of the events that encode bone size and shape during regeneration                                 | BAKER, ASHLEY RICH             | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$214,166   | \$214,166   | \$204,334   | \$74,992  |
| 4,538 | F31HG013464 | 1F31HG013464-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The cis-regulatory basis of lineage-specific phenotypes among human groups  | EASTERLIN, RYDER               | Awarded. Fellowships only     | 2024/09/30 | 2028/09/29 | \$46,933    | \$46,933    | \$25,850    | \$46,933  |
| 4,539 | T32GM141013 | 5T32GM141013-04   | UNIVERSITY OF WISCONSIN-MADISON         | Graduate Training in Molecular and Cellular Pharmacology  | AUDHYA, ANJON                  | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$2,087,885 | \$2,087,885 | \$1,862,589 | \$549,359 |
| 4,540 | T32CA268935 | 5T32CA268935-02   | NORTHWESTERN UNIVERSITY AT CHICAGO      | NU-TRIHO (Northwestern University Translational Research in Hematology-Oncology) Training Program                         | MUNSHI, HIDAYATULLAH G         | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$459,674   | \$459,674   | \$309,470   | \$286,459 |
| 4,541 | F31GM150237 | 1F31GM150237-01A1 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Identifying Gestational-induced Changes in Islet Macrophages as a Potential Target for Beta-cell Expansion                | BURNETTE, KALIA                | Awarded. Fellowships only     | 2024/07/22 | 2026/07/21 | \$41,927    | \$41,927    | \$31,795    | \$41,927  |
| 4,542 | T32AI150547 | 5T32AI150547-05   | UNIVERSITY OF COLORADO DENVER           | Training Program for Antiretroviral Discovery, Evaluation and Application Research (ADEAR)                                | CAMPBELL, THOMAS B             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,104,009 | \$1,104,009 | \$881,219   | \$201,858 |
| 4,543 | T32GM148369 | 5T32GM148369-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Multidisciplinary Anesthesiology and Perioperative Medicine Research Training Program                                     | EGHBALI, MANSOUREH             | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$522,174   | \$522,174   | \$196,543   | \$271,570 |
| 4,544 | F31DC021344 | 5F31DC021344-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Mechanisms Shaping Temporal Integration in the Inferior Colliculus  | DROTOS, AUDREY CLAIRE          | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$82,918    | \$61,727    | \$65,898    | \$42,099  |
| 4,545 | T32GM007546 | 5T32GM007546-48   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Clinical Pharmacology, Drug Action and Pharmacogenetics   | SAVIC, RADOJKA                 | Awarded. Non-fellowships only | 1977/07/01 | 2025/06/30 | \$2,969,433 | \$2,969,433 | \$2,583,933 | \$534,314 |
| 4,546 | F32MH135597 | 1F32MH135597-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Striatal Dopamines Role in Associative Learning and Behavior  | DECORTE, BENJAMIN              | Awarded. Fellowships only     | 2024/03/02 | 2028/10/31 | \$73,580    | \$73,580    | \$56,800    | \$73,580  |
| 4,547 | F30AG085982 | 1F30AG085982-01   | UNIVERSITY OF MINNESOTA                 | The Role of Regulatory T Cells in Alzheimers Disease  | HOUGARD, THOMAS R              | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$53,974    | \$53,974    | \$38,208    | \$53,974  |
| 4,548 | F31AG085980 | 1F31AG085980-01   | VANDERBILT UNIVERSITY                   | AQP4 Associations with Alzheimers Disease: A Multi-omics Approach   | PHILLIPS, JARED                | Awarded. Fellowships only     | 2024/07/05 | 2026/07/04 | \$34,269    | \$34,269    | \$0         | \$34,269  |
| 4,549 | T32DA015036 | 5T32DA015036-23   | MCLEAN HOSPITAL                         | Training in Drug Abuse and Brain Imaging  | LUKAS, SCOTT E                 | Awarded. Non-fellowships only | 2002/07/10 | 2027/06/30 | \$836,391   | \$836,391   | \$421,603   | \$296,588 |
| 4,550 | F32HD112173 | 5F32HD112173-02   | EMORY UNIVERSITY                        | Restoring Dexterous Hand Function with Artificial Neural Network-Based Brain-Computer Interfaces                          | NASON-TOMASZEWSKI, SAMUEL ROSS | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$143,364   | \$143,364   | \$107,848   | \$74,284  |
| 4,551 | F31HL172649 | 1F31HL172649-01   | UNIVERSITY OF CINCINNATI                | Pathophysiological impact of subtypes of eosinophil cell death  | OSUJI, IMMACULETA KASARACHI    | Awarded. Fellowships only     | 2024/09/16 | 2026/09/15 | \$46,386    | \$46,386    | \$26,870    | \$46,386  |
| 4,552 | F32HD111339 | 1F32HD111339-01A1 | BETH ISRAEL DEACONESS MEDICAL CENTER    | Hypothalamic circuitry underlying the circadian control of sexual drive and reproduction                                  | ATEN, SYDNEY ELIZABETH         | Awarded. Fellowships only     | 2024/09/01 | 2025/08/31 | \$81,256    | \$81,256    | \$43,985    | \$81,256  |
| 4,553 | T32AI145821 | 5T32AI145821-05   | CORNELL UNIVERSITY                      | Host-Microbe Interactions that Determine Host Traits and Disease  | LAZZARO, BRIAN                 | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$1,855,591 | \$1,855,591 | \$1,580,797 | \$355,779 |

|       |             |                   |   |   |                             |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|---|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,554 | F31DA058450 | 5F31DA058450-02   | VANDERBILT UNIVERSITY                   | Defining the cell-type specific role of histone acetyltransferase KAT2a in nucleus accumbens D1 medium spiny neurons as a driver of cocaine use disorder                              | EMERSON, SOREN D            | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$76,640    | \$76,640    | \$55,838    | \$34,285    |
| 4,555 | T32DA043469 | 5T32DA043469-08   | UNIVERSITY OF CHICAGO                   | Integrative Training in the Neurobiology of Addictive Behaviors   | HEDEKER, DONALD             | Awarded. Non-fellowships only | 2017/07/01 | 2027/06/30 | \$1,115,689 | \$1,115,689 | \$643,927   | \$390,042   |
| 4,556 | F31CA281339 | 1F31CA281339-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | The Mutagenic Effects of APOBEC3A and APOBEC3B in Urothelial Carcinoma  | STURDIVANT, MICHAEL SEAN    | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$35,843    | \$35,843    | \$33,260    | \$35,843    |
| 4,557 | F31AI181511 | 1F31AI181511-01   | HARVARD MEDICAL SCHOOL                  | Novel phospholipase involved in outer membrane homeostasis in Pseudomonas aeruginosa  | KEPPLE, JOHNATHAN LEE       | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$45,574    | \$45,574    | \$27,248    | \$45,574    |
| 4,558 | F31AG086042 | 1F31AG086042-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | The Role of Peripheral Aged CD8+ T Cells in Hippocampal-Dependent Cognitive Decline   | SUCHAROV COSTA, JULIANA     | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$44,892    | \$44,892    | \$34,538    | \$44,892    |
| 4,559 | F31AT012726 | 1F31AT012726-01   | WASHINGTON STATE UNIVERSITY             | Effect of UGT2B17 deletion and curcumin inhibition on diclofenac PK   | NAJI-TALAKAR, SIAVOSH       | Awarded. Fellowships only     | 2024/05/16 | 2027/05/15 | \$41,048    | \$41,048    | \$34,970    | \$41,048    |
| 4,560 | T32AI007323 | 5T32AI007323-35   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Multidisciplinary Training in Microbial Pathogenesis  | JOHNSON, PATRICIA JEAN      | Awarded. Non-fellowships only | 1988/09/01 | 2025/06/30 | \$1,997,992 | \$1,997,992 | \$1,836,782 | \$412,550   |
| 4,561 | F31NS132517 | 5F31NS132517-02   | BAYLOR COLLEGE OF MEDICINE              | Determining the ultrastructural differences between dually and singly innervated dendritic spines and their changes following glutamate excitotoxicity using Cryo-Electron Tomography | ANDERSON, ERIK DAVID        | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$96,668    | \$96,668    | \$65,290    | \$48,974    |
| 4,562 | F31CA288132 | 1F31CA288132-01   | WEILL MEDICAL COLL OF CORNELL UNIV      | Understanding Kras Mutation Heterogeneity in PDAC   | SISSO, WHITNEY JULIET       | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$48,974    | \$48,974    | \$37,033    | \$48,974    |
| 4,563 | T32GM075766 | 5T32GM075766-19   | UNIVERSITY OF PENNSYLVANIA              | Clinical Pharmacoepidemiology Training Grant  | HENNESSY, SEAN              | Awarded. Non-fellowships only | 2006/07/01 | 2026/06/30 | \$2,467,316 | \$2,467,316 | \$2,069,788 | \$663,867   |
| 4,564 | F31CA288120 | 1F31CA288120-01   | VIRGINIA COMMONWEALTH UNIVERSITY        | Examining Tobacco Use Relapse among Cancer Survivors  | FUGATE-LAUS, KENDALL        | Awarded. Fellowships only     | 2024/08/25 | 2026/08/24 | \$42,972    | \$42,972    | \$26,462    | \$42,972    |
| 4,565 | TL4GM118965 | 5TL4GM118965-09   | PORTLAND STATE UNIVERSITY               | EXITO: Enhancing Cross-disciplinary Infrastructure and Training at Oregon   | KELLER, THOMAS E            | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$5,106,013 | \$5,106,013 | \$5,993,905 | \$1         |
| 4,566 | F31NR019712 | 5F31NR019712-02   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Migraine, Depressive Symptoms, and Maternal Quality of Life in the Postpartum Period: The Role of Comorbidity, Disengagement, and Social and Economic Disadvantage                    | MATTHEWS, ANNA ROTHFUSS     | Awarded. Fellowships only     | 2021/09/01 | 2026/01/31 | \$79,058    | \$79,058    | \$50,795    | \$40,868    |
| 4,567 | T32ES013678 | 5T32ES013678-15   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Environmental Genomics  | GAUDERMAN, WILLIAM JAMES    | Awarded. Non-fellowships only | 2006/07/01 | 2025/06/30 | \$2,506,805 | \$2,506,805 | \$2,395,804 | \$557,518   |
| 4,568 | TL4GM118992 | 5TL4GM118992-10   | UNIVERSITY OF ALASKA FAIRBANKS          | Biomedical Learning and Student Training (BLaST) Program  | HUEFFER, KARSTEN            | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$3,513,488 | \$3,513,488 | \$3,525,018 | \$1,191,936 |
| 4,569 | T32AI052077 | 5T32AI052077-20   | DUKE UNIVERSITY                         | Basic Immunology Training Program   | KRANGEL, MICHAEL S          | Awarded. Non-fellowships only | 2002/07/01 | 2025/05/31 | \$1,026,061 | \$1,026,061 | \$991,794   | \$214,538   |
| 4,570 | T32HL007895 | 5T32HL007895-25   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Cardiovascular Scientist Training Program   | WATSON, KAROL E             | Awarded. Non-fellowships only | 1998/07/01 | 2025/06/30 | \$2,191,678 | \$2,191,678 | \$2,304,862 | \$128,027   |
| 4,571 | T32GM103730 | 2T32GM103730-11   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | University of Michigan Anesthesiology Post-Doctoral Research Training Program   | KHETERPAL, SACHIN           | Awarded. Non-fellowships only | 2014/07/01 | 2029/06/30 | \$206,100   | \$206,100   | \$65,962    | \$206,100   |
| 4,572 | T32CA009592 | 5T32CA009592-35   | VANDERBILT UNIVERSITY                   | Microenvironmental Influences in Cancer   | RHOADES (STERLING), JULIE A | Awarded. Non-fellowships only | 1997/08/15 | 2025/05/31 | \$2,181,986 | \$2,181,986 | \$2,046,926 | \$432,752   |
| 4,573 | TL1TR001415 | 5TL1TR001415-09   | UNIVERSITY OF CALIFORNIA-IRVINE         | NRSA Training Core  | CAIOZZO, VINCENT JAMES      | Awarded. Non-fellowships only | 2015/08/15 | 2025/06/30 | \$2,066,904 | \$2,066,904 | \$2,459,177 | \$466,500   |
| 4,574 | T32CA057711 | 2T32CA057711-31   | HARVARD SCHOOL OF PUBLIC HEALTH         | The Harvard Chan Education Program in Cancer Prevention and Control   | EMMONS, KAREN M             | Awarded. Non-fellowships only | 2019/09/02 | 2029/08/31 | \$461,939   | \$461,939   | \$184,055   | \$461,939   |

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|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,575 | F31AG080941 | 5F31AG080941-02   | UNIVERSITY OF WISCONSIN-MADISON         | Characterizing Alzheimers Disease and Serious Mental Illness Co-Occurrence Among Nursing Home Residents and Relationship to Symptomatology and Care Practices | BLOCK, LAURA MARIE           | Awarded. Fellowships only     | 2023/06/01 | 2026/01/31 | \$75,329    | \$75,329    | \$72,492    | \$36,850  |
| 4,576 | T32NS007220 | 5T32NS007220-40   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Neural Circuits Postdoctoral Training Program   | JIN, YISHI                   | Awarded. Non-fellowships only | 1982/07/01 | 2025/06/30 | \$1,444,735 | \$1,444,735 | \$1,360,658 | \$312,365 |
| 4,577 | T32HL007915 | 2T32HL007915-26   | CHILDREN'S HOSP OF PHILADELPHIA         | Training in Molecular Therapeutics for Pediatric Cardiology   | LEVY, ROBERT J               | Awarded. Non-fellowships only | 1999/07/01 | 2029/06/30 | \$809,669   | \$809,669   | \$568,729   | \$809,669 |
| 4,578 | T34GM131948 | 5T34GM131948-05   | UNIVERSITY OF RHODE ISLAND              | MARC U'STAR Training Program at the University of Rhode Island  | HOWLETT, NIALL GEORGE        | Awarded. Non-fellowships only | 2019/06/01 | 2025/05/31 | \$1,345,067 | \$1,345,067 | \$1,342,136 | \$188,330 |
| 4,579 | T32GM132066 | 5T32GM132066-05   | STATE UNIVERSITY OF NEW YORK AT ALBANY  | RNA Science and Technology in Health and Disease  | BEGLEY, THOMAS J             | Awarded. Non-fellowships only | 2019/07/01 | 2025/06/30 | \$1,121,237 | \$1,121,237 | \$1,066,672 | \$215,175 |
| 4,580 | T32AI070117 | 5T32AI070117-17   | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Geographic Medicine and Emerging Infections   | WEISS, LOUIS M               | Awarded. Non-fellowships only | 2008/07/01 | 2025/08/31 | \$1,754,673 | \$1,754,673 | \$1,708,306 | \$359,919 |
| 4,581 | F31AI176729 | 1F31AI176729-01A1 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Dissecting host-virus interactions in epithelial cells  | BATACHARI, LAKSHMI ELAINE    | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$41,695    | \$41,695    | \$21,913    | \$41,695  |
| 4,582 | F30CA268840 | 5F30CA268840-02   | VAN ANDEL RESEARCH INSTITUTE            | A Molecular Case Series: Deep Cellular and Spatial Epigenetic Characterization of Human Colorectal Cancer   | SPIX, NATHAN J               | Awarded. Fellowships only     | 2022/08/01 | 2027/07/31 | \$92,446    | \$92,446    | \$92,446    | \$46,694  |
| 4,583 | T32AI170478 | 5T32AI170478-03   | MAYO CLINIC ROCHESTER                   | Training Program in Immunology  | SHAPIRO, VIRGINIA SMITH      | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$807,822   | \$807,822   | \$660,089   | \$326,589 |
| 4,584 | F30CA265288 | 5F30CA265288-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Defining and targeting the lung cancer progenitor cell niche using a high-resolution, multi-omics approach  | CHARYTONOWICZ, DANIEL        | Awarded. Fellowships only     | 2021/09/07 | 2026/09/07 | \$143,482   | \$143,482   | \$143,482   | \$52,694  |
| 4,585 | T32HL007745 | 5T32HL007745-30   | EMORY UNIVERSITY                        | Research Training in Academic Cardiology  | TAYLOR, WILLIAM ROBERT       | Awarded. Non-fellowships only | 1994/07/01 | 2025/06/30 | \$2,781,810 | \$2,781,810 | \$3,045,263 | \$346,697 |
| 4,586 | T32GM152344 | 1T32GM152344-01   | EMORY UNIVERSITY                        | Biological Discovery through Chemical Innovation Training Program at Emory University   | BLAKEY, SIMON B              | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$329,616   | \$329,616   | \$137,804   | \$329,616 |
| 4,587 | F32CA275206 | 5F32CA275206-02   | SALK INSTITUTE FOR BIOLOGICAL STUDIES   | Decoding AMPK-dependent regulation of DNA methylation in lung cancer  | YOMTOUBIAN, SHIRA            | Awarded. Fellowships only     | 2023/05/19 | 2025/08/18 | \$167,161   | \$167,161   | \$138,526   | \$76,756  |
| 4,588 | F31CA265205 | 5F31CA265205-02   | STANFORD UNIVERSITY                     | Simultaneous Multi-Tracer Positron Emission Tomography for Interrogating Molecular Pathways of Neurological Disorders   | FOSTER, JACKSON WEST         | Awarded. Fellowships only     | 2023/03/23 | 2026/06/08 | \$99,358    | \$99,358    | \$93,471    | \$42,139  |
| 4,589 | T32HL094293 | 5T32HL094293-15   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Vascular Surgery Scientist Training Program   | ESKANDARI, MARK K            | Awarded. Non-fellowships only | 2009/05/01 | 2025/06/30 | \$1,664,103 | \$1,664,103 | \$1,335,204 | \$285,126 |
| 4,590 | T32CA096520 | 5T32CA096520-18   | RICE UNIVERSITY                         | Training Program in Biostatistics for Cancer Research   | KIMMEL, MAREK                | Awarded. Non-fellowships only | 2003/08/01 | 2025/08/31 | \$1,317,273 | \$1,317,273 | \$1,126,103 | \$316,298 |
| 4,591 | F32AI181164 | 1F32AI181164-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Genetic circuitry governing skin colonization of Candida auris  | ZHAO, GUOLEI                 | Awarded. Fellowships only     | 2024/08/01 | 2025/11/30 | \$79,806    | \$79,806    | \$49,362    | \$79,806  |
| 4,592 | T32ES015459 | 5T32ES015459-15   | UNIVERSITY OF WASHINGTON                | Biostatistics, Epidemiologic, and Bioinformatic Training in Environmental Health (BEBTEH)   | SHEPPARD, ELIZABETH A LIANNE | Awarded. Non-fellowships only | 2009/07/01 | 2025/06/30 | \$3,813,590 | \$3,813,590 | \$4,147,855 | \$810,164 |
| 4,593 | T32MH014276 | 5T32MH014276-48   | YALE UNIVERSITY                         | Research Training - Biological Sciences   | PICCIOTTO, MARINA R          | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$1,671,175 | \$1,671,175 | \$1,596,380 | \$336,932 |
| 4,594 | T32GM108554 | 2T32GM108554-12   | VANDERBILT UNIVERSITY MEDICAL CENTER    | TIPS: Training in Perioperative Science   | DELPIRE, ERIC J              | Awarded. Non-fellowships only | 2014/07/01 | 2029/06/30 | \$387,788   | \$387,788   | \$163,103   | \$387,788 |
| 4,595 | F30CA257181 | 5F30CA257181-04   | UNIV OF NORTH CAROLINA CHAPEL HILL      | The effect of epigenetic DNA methylation on the progression of HPV-associated precancerous cervical lesions   | BUKOWSKI, ALEXANDRA          | Awarded. Fellowships only     | 2021/02/01 | 2026/06/30 | \$170,347   | \$170,347   | \$110,498   | \$53,787  |

|       |             |                   |  |  |                               |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|--|--|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,596 | T32GM135118 | 5T32GM135118-03   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON | Research Training of Anesthesiology Physician-Scientists   | ELTZSCHIG, HOLGER K           | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$704,591   | \$704,591   | \$501,561   | \$277,000   |
| 4,597 | F30HL158030 | 5F30HL158030-03   | UNIVERSITY OF WASHINGTON                 | Generating multilayered engineered heart tissue patches to mimic physiological thickness and function using open microfluidics | HAACK, AMANDA JEAN            | Awarded. Fellowships only     | 2021/06/16 | 2026/06/15 | \$137,008   | \$137,008   | \$131,857   | \$53,974    |
| 4,598 | F32AI181301 | 1F32AI181301-01   | JOHNS HOPKINS UNIVERSITY                 | Characterizing host translation inhibition by Legionella pneumophila   | BLACK, JOSHUA J               | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$74,284    | \$74,284    | \$60,294    | \$74,284    |
| 4,599 | T32AI106688 | 5T32AI106688-10   | WASHINGTON UNIVERSITY                    | Pediatric Infectious Diseases and Immunity Training Program  | HUNSTAD, DAVID                | Awarded. Non-fellowships only | 2014/08/01 | 2025/07/31 | \$831,106   | \$831,106   | \$789,116   | \$161,742   |
| 4,600 | T32AI055403 | 5T32AI055403-20   | YALE UNIVERSITY                          | Predoctoral Training Program in Virology   | KUMAR, PRITI                  | Awarded. Non-fellowships only | 2003/08/01 | 2025/08/31 | \$971,515   | \$971,515   | \$818,260   | \$187,646   |
| 4,601 | T32EY007092 | 5T32EY007092-38   | EMORY UNIVERSITY                         | Multidisciplinary Training in Vision and Research  | PARDUE, MACHELLE T            | Awarded. Non-fellowships only | 1984/09/28 | 2025/08/01 | \$1,001,220 | \$1,001,220 | \$961,961   | \$234,390   |
| 4,602 | T32CA057711 | 3T32CA057711-30S1 | HARVARD SCHOOL OF PUBLIC HEALTH          | Enhancing Culturally Responsive Mentorship in the T32 Training Environment   | RAMANADHAN, SHOBA             | Awarded. Non-fellowships only | 2019/09/02 | 2025/08/31 | \$2,314,098 | \$2,086,472 | \$2,221,419 | \$72,360    |
| 4,603 | T32GM007569 | 5T32GM007569-49   | VANDERBILT UNIVERSITY MEDICAL CENTER     | Clinical Pharmacology Training Program   | KNOLLMANN, BJORN C            | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$1,569,517 | \$1,569,517 | \$1,699,442 | \$760,588   |
| 4,604 | T32GM007266 | 5T32GM007266-49   | UNIVERSITY OF WASHINGTON                 | University of Washington Medical Scientist Training Program  | HORWITZ, MARSHALL S           | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$8,033,645 | \$8,033,645 | \$8,735,265 | \$1,585,772 |
| 4,605 | T32HL007828 | 5T32HL007828-25   | UNIVERSITY OF WASHINGTON                 | Cardiovascular Research Training Program   | KIM, FRANCIS                  | Awarded. Non-fellowships only | 1997/07/01 | 2025/06/30 | \$1,895,826 | \$1,895,826 | \$1,662,892 | \$328,806   |
| 4,606 | T32CA236764 | 5T32CA236764-05   | UNIVERSITY OF CINCINNATI                 | Post-Graduate Hematology/Oncology Translational (PG-HOT) Training Program  | SCAGLIONI, PIER PAOLO         | Awarded. Non-fellowships only | 2019/07/05 | 2025/06/30 | \$2,085,874 | \$2,085,874 | \$1,869,594 | \$438,062   |
| 4,607 | T32MD015016 | 5T32MD015016-05   | UNIV OF ARKANSAS FOR MED SCIS            | Arkansas Center for Health Disparities T32 Pre-doctoral Research Training Program  | TILFORD, JOHN M               | Awarded. Non-fellowships only | 2020/04/08 | 2025/12/31 | \$833,007   | \$833,007   | \$740,062   | \$90,242    |
| 4,608 | T32DK007541 | 5T32DK007541-35   | UNIVERSITY OF CALIFORNIA, SAN DIEGO      | Molecular Biological Approaches to Endocrinology   | MAJITHIA, AMIT                | Awarded. Non-fellowships only | 1986/12/20 | 2025/05/31 | \$768,394   | \$768,394   | \$796,425   | \$187,781   |
| 4,609 | TL4GM118986 | 5TL4GM118986-10   | SAN FRANCISCO STATE UNIVERSITY           | SF BUILD: Enabling full representation in science  | MARQUEZ-MAGANA, LETICIA MARIA | Awarded. Non-fellowships only | 2014/09/26 | 2025/06/30 | \$2,512,460 | \$2,512,460 | \$2,685,284 | \$0         |
| 4,610 | T32HL149645 | 5T32HL149645-05   | VIRGINIA COMMONWEALTH UNIVERSITY         | Multi-Disciplinary Training Program in Translational Cardiovascular Research   | HUNDLEY, WILLIAM GREGORY      | Awarded. Non-fellowships only | 2020/03/01 | 2026/02/28 | \$1,427,435 | \$1,427,435 | \$1,185,610 | \$1         |
| 4,611 | F30AG071114 | 5F30AG071114-04   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | The cause and effect of reduced Å²-glucocerebrosidase activity in the setting of progranulin deficiency                        | BOYLE, NICHOLAS RYAN          | Awarded. Fellowships only     | 2021/07/01 | 2025/06/30 | \$178,972   | \$178,972   | \$155,637   | \$50,476    |
| 4,612 | T32AR080630 | 5T32AR080630-03   | UNIVERSITY OF COLORADO DENVER            | Interdisciplinary Training in Musculoskeletal Research   | ZUSCIK, MICHAEL J             | Awarded. Non-fellowships only | 2022/07/20 | 2027/06/30 | \$1,043,430 | \$1,043,430 | \$687,327   | \$416,106   |
| 4,613 | T34GM141971 | 5T34GM141971-04   | WASHINGTON STATE UNIVERSITY              | MARC at Washington State University  | LANIER, MARY SANCHEZ          | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$1,032,706 | \$1,032,706 | \$860,052   | \$296,954   |
| 4,614 | F32DC021076 | 5F32DC021076-02   | UNIVERSITY OF MINNESOTA                  | The impact of extra effort and accumulated fatigue in listeners who wear a cochlear implant                                    | SMITH, MICHAEL L              | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$149,950   | \$149,950   | \$134,111   | \$78,603    |
| 4,615 | F32DA058521 | 5F32DA058521-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Integration of substance use and mental health services for justice-involved young women in Brazil                             | RAMAIYA, MEGAN                | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$152,364   | \$152,364   | \$128,668   | \$78,784    |
| 4,616 | T32DC000040 | 5T32DC000040-29   | UNIVERSITY OF IOWA                       | Research Training Program in Otolaryngology  | HANSEN, MARLAN R              | Awarded. Non-fellowships only | 1993/07/01 | 2026/06/30 | \$1,287,285 | \$1,287,285 | \$1,139,085 | \$347,394   |
| 4,617 | T32AR007530 | 5T32AR007530-40   | BRIGHAM AND WOMEN'S HOSPITAL             | Immunologic Mechanisms and Rheumatic Diseases  | BRENNER, MICHAEL B            | Awarded. Non-fellowships only | 1985/07/01 | 2026/04/30 | \$2,487,612 | \$2,487,612 | \$2,169,178 | \$502,960   |
| 4,618 | F31HL162492 | 5F31HL162492-03   | UNIVERSITY OF WISCONSIN-MADISON          | Dissecting Regulatory Mechanisms of Cardiac Regeneration Enhancers   | BEGEMAN, IAN                  | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$103,961   | \$103,961   | \$101,019   | \$36,085    |

|       |             |                 |   |   |                         |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|---|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,619 | T32DK083256 | 2T32DK083256-16 | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Multidisciplinary Training in Translational Gastrointestinal and Liver Research   | WANG, TIMOTHY CRAGIN    | Awarded. Non-fellowships only | 2009/07/01 | 2029/06/30 | \$400,571   | \$400,571   | \$300,853   | \$400,571 |
| 4,620 | F30DK138707 | 5F30DK138707-02 | CASE WESTERN RESERVE UNIVERSITY         | Microbe dependent mechanisms that antagonize intestinal injury repair   | NEWHALL, KEVIN PRESCOTT | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$106,668   | \$106,668   | \$84,348    | \$53,974  |
| 4,621 | T32DK128782 | 5T32DK128782-04 | UNIVERSITY OF ILLINOIS AT CHICAGO       | UIC Diabetes Research Training Program  | UNTERMAN, TERRY G       | Awarded. Non-fellowships only | 2021/06/01 | 2026/05/31 | \$780,399   | \$780,399   | \$658,962   | \$168,519 |
| 4,622 | F31GM146401 | 5F31GM146401-03 | WASHINGTON UNIVERSITY                   | Illuminating the essential role of the outer membrane component and drug target, lipopolysaccharide                       | VALDEZ, RYAN ADAM       | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$101,222   | \$101,222   | \$90,915    | \$34,908  |
| 4,623 | F32NS136191 | 1F32NS136191-01 | CHILDREN'S HOSP OF PHILADELPHIA         | Mechanisms of glial detection of axonal injury and facilitation of axonal regeneration                                    | RASHID, ALINA           | Awarded. Fellowships only     | 2024/07/01 | 2026/12/31 | \$74,284    | \$74,284    | \$65,011    | \$74,284  |
| 4,624 | T32DC012280 | 5T32DC012280-10 | UNIVERSITY OF COLORADO DENVER           | Institutional Training in Otolaryngology Research   | KINNAMON, SUE C         | Awarded. Non-fellowships only | 2013/07/01 | 2025/06/30 | \$2,277,016 | \$2,277,016 | \$1,840,937 | \$469,110 |
| 4,625 | T32TR004394 | 5T32TR004394-02 | UNIVERSITY OF UTAH                      | CTSA Postdoctoral T32 at University of Utah: Spheres of Translation Across the Research Spectrum (STARS) Training Program | FAGERLIN, ANGELA        | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$541,359   | \$541,359   | \$395,528   | \$281,130 |
| 4,626 | T32DC010775 | 5T32DC010775-15 | UNIVERSITY OF CALIFORNIA-IRVINE         | NIDCD T32 Interdisciplinary Training Program in Hearing Research  | METHERATE, RAJU         | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$1,228,948 | \$1,228,948 | \$1,171,152 | \$71,885  |
| 4,627 | T32EY034824 | 5T32EY034824-02 | OHIO STATE UNIVERSITY                   | Vision Science Training Program   | ANDERSON, HEATHER ANNE  | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$272,875   | \$272,875   | \$164,837   | \$186,013 |
| 4,628 | T32DA024635 | 2T32DA024635-16 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | UCLA Training Program in the Translational Neuroscience of Drug Addiction (TNDa)  | WASSUM, KATE M          | Awarded. Non-fellowships only | 2008/07/01 | 2029/06/30 | \$529,198   | \$529,198   | \$274,484   | \$529,198 |
| 4,629 | F30CA271796 | 5F30CA271796-03 | UNIVERSITY OF KANSAS MEDICAL CENTER     | Progesterone promotes mammary gland tumorigenesis through immunosuppressive effects on dendritic cells                    | WERNER, LAURYN ROSE     | Awarded. Fellowships only     | 2022/06/01 | 2026/05/31 | \$106,790   | \$106,790   | \$100,613   | \$36,764  |
| 4,630 | T32AR007016 | 5T32AR007016-50 | YALE UNIVERSITY                         | Training in Investigative Dermatology   | GIRARDI, MICHAEL        | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$1,656,360 | \$1,656,360 | \$1,441,238 | \$439,119 |
| 4,631 | T35HL007649 | 5T35HL007649-38 | YALE UNIVERSITY                         | Short Term Research Training: Students in Health Professional Schools   | CHAUDHRY, SARWAT I      | Awarded. Non-fellowships only | 1992/06/01 | 2027/05/31 | \$618,322   | \$618,322   | \$566,045   | \$213,672 |
| 4,632 | F31DE032901 | 5F31DE032901-02 | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Genetic and molecular mechanisms of Xbp-1 mediated salivary gland development and differentiation                         | WRYNN, THERESA          | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$67,979    | \$67,979    | \$61,244    | \$34,650  |
| 4,633 | F30CA281124 | 5F30CA281124-02 | WASHINGTON UNIVERSITY                   | Mechanisms Underlying the Omental Support of Ovarian Cancer Peritoneal Metastasis   | MINTZ, RACHEL           | Awarded. Fellowships only     | 2023/06/01 | 2027/08/31 | \$106,668   | \$106,668   | \$66,893    | \$53,974  |
| 4,634 | T32DC000030 | 5T32DC000030-33 | PURDUE UNIVERSITY                       | Communicative Disorders   | STRICKLAND, ELIZABETH A | Awarded. Non-fellowships only | 1991/07/01 | 2027/06/30 | \$848,003   | \$848,003   | \$654,008   | \$334,117 |
| 4,635 | TL1TR001861 | 5TL1TR001861-09 | UNIVERSITY OF CALIFORNIA AT DAVIS       | NRSA Training Core (TL1)  | MEDICI, VALENTINA       | Awarded. Non-fellowships only | 2016/07/01 | 2026/05/31 | \$1,517,623 | \$1,517,623 | \$1,692,947 | \$454,759 |
| 4,636 | T32ES007148 | 5T32ES007148-38 | RUTGERS BIOMEDICAL AND HEALTH SCIENCES  | Training in Environmental Toxicology  | ALEKSUNES, LAUREN M     | Awarded. Non-fellowships only | 1987/09/01 | 2027/06/30 | \$1,857,013 | \$1,751,306 | \$1,601,345 | \$605,018 |
| 4,637 | T34GM145535 | 5T34GM145535-03 | UNIVERSITY OF CALIFORNIA BERKELEY       | The UC Berkeley MARC: Shaping the Next Generation of Scientific Leaders   | LUMPKIN, ELLEN A        | Awarded. Non-fellowships only | 2022/06/01 | 2027/05/31 | \$540,130   | \$540,130   | \$330,415   | \$216,778 |
| 4,638 | F31DE031180 | 5F31DE031180-03 | UNIVERSITY OF WISCONSIN-MADISON         | Mesenchymal stromal cells for treatment of radiation-induced xerostomia   | PAZ, CRISTINA           | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$112,013   | \$112,013   | \$107,474   | \$38,505  |
| 4,639 | F32DA054802 | 5F32DA054802-03 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Nicotine & Nodose: A Neural Basis for Peripheral Control over Nicotine Intake   | BRAUNSCHEIDEL, KEVIN    | Awarded. Fellowships only     | 2022/07/06 | 2025/07/05 | \$213,430   | \$213,430   | \$170,256   | \$76,756  |
| 4,640 | F30DK134113 | 5F30DK134113-03 | UNIVERSITY OF UTAH                      | Identifying Temporal Sequences of Exposures in Type 1 Diabetes Etiology   | MISTRY, SEJAL           | Awarded. Fellowships only     | 2022/07/01 | 2026/05/31 | \$146,620   | \$146,620   | \$131,851   | \$53,974  |



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|-------|-------------|-----------------|--|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,641 | F31DE031962 | 5F31DE031962-03 | STATE UNIVERSITY OF NEW YORK AT BUFFALO  | Cooperativity of Oral Microbes in Evading Neutrophil-Mediated Killing  | BYNUM, KIANA            | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$100,529   | \$100,529   | \$95,896    | \$34,721    |
| 4,642 | F31HL162555 | 5F31HL162555-03 | NORTHWESTERN UNIVERSITY AT CHICAGO       | A Mixed-Methods Evaluation of mHealth Weight Management for Racial/Ethnic Minorities   | BATTALIO, SAMUEL LOUIS  | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$129,959   | \$129,959   | \$115,837   | \$44,487    |
| 4,643 | T32DC019481 | 5T32DC019481-03 | GEORGETOWN UNIVERSITY                    | Georgetown University Brain and Language Training Program  | TURKELTAUB, PETER ETHAN | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$1,217,484 | \$1,217,484 | \$610,137   | \$512,806   |
| 4,644 | F32NS136265 | 1F32NS136265-01 | BRANDEIS UNIVERSITY                      | Homeostatic Maintenance of Neocortical Excitation-Inhibition Balance by Ciliary Neuropeptidergic Signaling   | WONG, NICOLE FRANCES    | Awarded. Fellowships only     | 2024/06/01 | 2025/10/31 | \$75,064    | \$75,064    | \$49,922    | \$75,064    |
| 4,645 | T32AR074920 | 5T32AR074920-04 | JOHNS HOPKINS UNIVERSITY                 | Future Academic Scientists in Dermatology  | GARZA, LUIS ANDRES      | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$935,392   | \$935,392   | \$586,477   | \$254,051   |
| 4,646 | T32AI007405 | 5T32AI007405-34 | UNIVERSITY OF COLORADO DENVER            | Training Program in Immunology   | TORRES, RAUL MARTIN     | Awarded. Non-fellowships only | 1991/09/30 | 2026/07/31 | \$2,157,267 | \$2,157,267 | \$1,611,255 | \$532,574   |
| 4,647 | T32MH103213 | 5T32MH103213-10 | TRUSTEES OF INDIANA UNIVERSITY           | Training in Clinical Translational Science: Maximizing the Public Health Impact  | HETRICK, WILLIAM P      | Awarded. Non-fellowships only | 2015/08/01 | 2025/07/31 | \$1,540,159 | \$1,540,159 | \$1,412,316 | \$333,732   |
| 4,648 | F31HD108916 | 5F31HD108916-03 | JOHNS HOPKINS UNIVERSITY                 | The molecular characterization of sex-specific piRNA transcription and snRNA transcription in C. elegans   | BENNER, LARS            | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$143,420   | \$143,420   | \$139,770   | \$48,974    |
| 4,649 | F31AG077918 | 5F31AG077918-03 | BAYLOR COLLEGE OF MEDICINE               | Evaluating the functional consequences of Alzheimers disease-associated variant C1C36L   | LEE, HAMIN              | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$136,715   | \$48,974    |
| 4,650 | T32NS136080 | 1T32NS136080-01 | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Graduate Training at the Interface of Neuroscience, Optical Engineering and Data Science   | BOAS, DAVID A           | Awarded. Non-fellowships only | 2024/07/08 | 2029/06/30 | \$167,378   | \$167,378   | \$138,606   | \$167,378   |
| 4,651 | F31HL160182 | 5F31HL160182-03 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Modeling the spatiotemporal properties of crosstalk between RYR-mediated and IP3R-mediated calcium signaling in cardiac myocytes   | JONES, DEANALISA        | Awarded. Fellowships only     | 2022/06/01 | 2025/06/30 | \$146,648   | \$146,648   | \$131,045   | \$50,308    |
| 4,652 | T32CA009302 | 5T32CA009302-47 | STANFORD UNIVERSITY                      | Leveraging innovative technologies in basic and clinical cancer research   | ATTARDI, LAURA D        | Awarded. Non-fellowships only | 1977/09/15 | 2028/08/31 | \$801,502   | \$801,502   | \$583,349   | \$395,193   |
| 4,653 | T32GM142521 | 5T32GM142521-04 | MICHIGAN STATE UNIVERSITY                | Integrative Pharmacological Sciences Training Program (IPSTP)  | DORRANCE, ANNE M        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,605,635 | \$1,605,635 | \$1,196,624 | \$423,319   |
| 4,654 | F31AI172618 | 5F31AI172618-03 | EMORY UNIVERSITY                         | Mechanisms of HIV-1 Hypersensitivity to Islatravir   | SNYDER, ALEXA ANNE      | Awarded. Fellowships only     | 2022/07/01 | 2026/09/06 | \$143,420   | \$143,420   | \$117,094   | \$48,974    |
| 4,655 | T32GM136611 | 5T32GM136611-05 | BAYLOR COLLEGE OF MEDICINE               | Medical Scientist Training Program   | KING, KATHERINE YUDEH   | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$6,836,638 | \$6,836,638 | \$6,319,677 | \$1,420,488 |
| 4,656 | F30DK131853 | 5F30DK131853-03 | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Investigating siRNA-mediated inhibition of ischemia-reperfusion injury during the liver transplantation process  | BUCHWALD, JULIANNA E    | Awarded. Fellowships only     | 2022/07/01 | 2027/06/30 | \$97,718    | \$97,718    | \$96,583    | \$33,740    |
| 4,657 | T32GM007526 | 5T32GM007526-47 | BAYLOR COLLEGE OF MEDICINE               | Medical Genetics Research Fellowship Program   | LEE, BRENDAN            | Awarded. Non-fellowships only | 1978/09/30 | 2028/06/30 | \$1,274,603 | \$1,274,603 | \$1,099,337 | \$670,335   |
| 4,658 | T32ES007250 | 5T32ES007250-35 | UNIVERSITY OF CINCINNATI                 | Environmental Carcinogenesis and Mutagenesis   | MILLER, WILLIAM E       | Awarded. Non-fellowships only | 1988/07/01 | 2026/06/30 | \$3,025,871 | \$3,025,871 | \$2,907,343 | \$644,504   |
| 4,659 | F32AA030495 | 5F32AA030495-03 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Physical and Neurocognitive Outcomes Among Children with Fetal Alcohol Spectrum Disorder Outcomes (FASD): The Contribution of Maternal Nutrition and Nutrigenetic Risk Factors | HASKEN, JULIE           | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$226,930   | \$226,930   | \$195,624   | \$81,256    |
| 4,660 | T32ES007324 | 5T32ES007324-24 | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Training Program in Environmental Toxicology   | CUDDAPAH, SURESH        | Awarded. Non-fellowships only | 1999/07/01 | 2026/06/30 | \$1,474,923 | \$1,474,923 | \$1,124,175 | \$412,351   |
| 4,661 | T34GM136498 | 5T34GM136498-05 | UNIVERSITY OF CALIFORNIA-IRVINE          | MARC at the University of California, Irvine   | MOTA-BRAVO, LUIS M      | Awarded. Non-fellowships only | 2020/06/01 | 2025/05/31 | \$4,411,127 | \$4,411,127 | \$3,795,035 | \$138,894   |
| 4,662 | T32GM148383 | 5T32GM148383-02 | JOHNS HOPKINS UNIVERSITY                 | Predoctoral Training Program in Human Genetics   | MCCALLION, ANDREW S     | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,187,884 | \$1,187,884 | \$960,119   | \$604,295   |



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|-------|-------------|-------------------|--|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,663 | T34GM149429 | 5T34GM149429-02   | HUNTER COLLEGE                         | MARC Program at Hunter College, CUNY   | FORD, JENNIFER S        | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$1,008,806 | \$1,008,806 | \$674,866   | \$504,403   |
| 4,664 | T32ES021432 | 2T32ES021432-11   | DUKE UNIVERSITY                        | Duke University Program in Environmental Health  | MEYER, JOEL NEWMAN      | Awarded. Non-fellowships only | 2013/07/01 | 2029/06/30 | \$485,219   | \$485,219   | \$250,120   | \$485,219   |
| 4,665 | T32GM148332 | 5T32GM148332-02   | YALE UNIVERSITY                        | Predoctoral Training Program in Genetics   | MUZUMDAR, MANDAR DEEPAK | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$1,511,852 | \$1,511,852 | \$1,163,153 | \$769,103   |
| 4,666 | F31GM148017 | 5F31GM148017-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES   | Total Synthesis of Dodecahedrane via Carbon–Carbon Bond Forming Cascades   | MCDERMOTT CATENA, LUCA  | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$86,440    | \$86,440    | \$80,040    | \$43,860    |
| 4,667 | T32EY027721 | 2T32EY027721-06A1 | UNIVERSITY OF WISCONSIN-MADISON        | Vision Research Training Program   | NICKELLS, ROBERT W      | Awarded. Non-fellowships only | 2018/09/30 | 2029/06/30 | \$254,743   | \$254,743   | \$164,988   | \$254,743   |
| 4,668 | F32NS126234 | 5F32NS126234-03   | CHILDREN'S HOSP OF PHILADELPHIA        | Mechanisms of cellular, synaptic and circuit dysfunction in Kcnc1-related epileptic encephalopathy   | WENGERT, ERIC RYAN      | Awarded. Fellowships only     | 2022/06/01 | 2025/05/31 | \$217,858   | \$217,858   | \$207,150   | \$78,892    |
| 4,669 | T32EY017271 | 2T32EY017271-16   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Interdisciplinary Visual Sciences (IVS) Training Program   | KINCHINGTON, PAUL R     | Awarded. Non-fellowships only | 2008/05/01 | 2029/06/30 | \$211,169   | \$211,169   | \$96,240    | \$211,169   |
| 4,670 | T34GM145391 | 5T34GM145391-02   | STATE UNIVERSITY OF NEW YORK AT ALBANY | MARC at UAlbany  | HORMES, JULIA M         | Awarded. Non-fellowships only | 2023/06/01 | 2028/05/31 | \$491,574   | \$491,574   | \$340,663   | \$327,716   |
| 4,671 | T32DK007673 | 2T32DK007673-32   | VANDERBILT UNIVERSITY MEDICAL CENTER   | Training in Gastroenterology   | PEEK, RICHARD M         | Awarded. Non-fellowships only | 1992/07/01 | 2029/06/30 | \$438,032   | \$438,032   | \$290,737   | \$438,032   |
| 4,672 | T32GM086330 | 5T32GM086330-14   | UNIV OF NORTH CAROLINA CHAPEL HILL     | UNC-Duke Collaborative Clinical Pharmacology Postdoctoral Training Program   | BROUWER, KIM L R        | Awarded. Non-fellowships only | 2011/07/01 | 2026/06/30 | \$2,161,414 | \$2,161,414 | \$1,636,665 | \$1         |
| 4,673 | T32ES012870 | 2T32ES012870-21   | EMORY UNIVERSITY                       | Graduate and Postdoctoral Training in Environmental Health Science and Toxicology  | MARSIT, CARMEN JOSEPH   | Awarded. Non-fellowships only | 2004/07/01 | 2029/06/30 | \$533,136   | \$533,136   | \$256,029   | \$533,136   |
| 4,674 | T32ES027801 | 2T32ES027801-06A1 | BAYLOR COLLEGE OF MEDICINE             | Training in Precision Environmental Health Sciences  | WALKER, CHERYL L        | Awarded. Non-fellowships only | 2018/07/01 | 2029/06/30 | \$447,264   | \$447,264   | \$26,614    | \$447,264   |
| 4,675 | T32GM135081 | 5T32GM135081-05   | CASE WESTERN RESERVE UNIVERSITY        | Functional Genomics Training Program (FGTP)  | HARRIS, ANN             | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,009,150 | \$1,009,150 | \$943,285   | \$200,917   |
| 4,676 | T32MH132515 | 1T32MH132515-01A1 | DUKE UNIVERSITY                        | Duke-North Carolina Central University (NCCU)- Interdisciplinary Postdoctoral Training Program in Child Psychiatric and Neurodevelopmental Conditions Program (DN-IPT) | POSNER, JONATHAN E      | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$189,520   | \$189,520   | \$98,843    | \$189,520   |
| 4,677 | T32HL092332 | 5T32HL092332-22   | BAYLOR COLLEGE OF MEDICINE             | Training In Cell and Gene Therapy  | HESLOP, HELEN E         | Awarded. Non-fellowships only | 2003/07/01 | 2028/07/31 | \$1,026,140 | \$1,026,140 | \$718,800   | \$503,875   |
| 4,678 | T32DC011499 | 5T32DC011499-13   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Training in Auditory and Vestibular Neuroscience   | KANDLER, KARL           | Awarded. Non-fellowships only | 2011/07/01 | 2027/06/30 | \$889,331   | \$889,331   | \$651,812   | \$343,131   |
| 4,679 | F32NS133036 | 5F32NS133036-02   | HARVARD MEDICAL SCHOOL                 | Circuit Specializations of Cerebellar Molecular Layer Interneurons   | LACKEY, ELIZABETH       | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$142,968   | \$142,968   | \$123,548   | \$74,284    |
| 4,680 | T32HL007901 | 5T32HL007901-27   | BRIGHAM AND WOMEN'S HOSPITAL           | Training in Sleep, Circadian, and Respiratory Neurobiology   | CZEISLER, CHARLES A     | Awarded. Non-fellowships only | 1998/08/01 | 2028/06/30 | \$1,917,722 | \$1,917,722 | \$1,777,305 | \$914,257   |
| 4,681 | F31LM014282 | 5F31LM014282-02   | UNIVERSITY OF PENNSYLVANIA             | Addressing Algorithmic Unreliability and Dataset Shift in EHR-based Risk Prediction Models   | KOLLA, LIKHITHA         | Awarded. Fellowships only     | 2023/06/01 | 2026/05/31 | \$96,668    | \$96,668    | \$86,228    | \$48,974    |
| 4,682 | T32GM148378 | 5T32GM148378-02   | UNIVERSITY OF CALIFORNIA BERKELEY      | Molecular Biology Across Scales Training Program   | BILDER, DAVID           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$3,678,964 | \$3,678,964 | \$3,036,467 | \$1,873,365 |
| 4,683 | T32NS115705 | 5T32NS115705-05   | UNIVERSITY OF ROCHESTER                | Graduate Training in Neuroscience  | MAJEWSKA, ANNA K        | Awarded. Non-fellowships only | 2020/07/15 | 2025/06/30 | \$1,060,102 | \$1,060,102 | \$939,551   | \$144,060   |
| 4,684 | T32HL094296 | 5T32HL094296-17   | VANDERBILT UNIVERSITY MEDICAL CENTER   | Interdisciplinary Training Program in Lung Research  | PEEBLES, RAY STOKES     | Awarded. Non-fellowships only | 2008/07/01 | 2028/06/30 | \$824,542   | \$824,542   | \$502,953   | \$413,798   |
| 4,685 | TL1TR002375 | 5TL1TR002375-08   | UNIVERSITY OF WISCONSIN-MADISON        | NRSA Training Core   | PRABHAKARAN, VIVEK      | Awarded. Non-fellowships only | 2017/09/21 | 2027/06/30 | \$2,642,161 | \$2,642,161 | \$2,172,671 | \$901,949   |

|       |             |                 |   |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,686 | F31AR082220 | 5F31AR082220-02 | HARVARD UNIVERSITY                      | Defining key differences in mouse fibroblasts during digit regeneration and fibrosis  | JOU, VIVIAN                | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$75,776    | \$75,776    | \$67,562    | \$38,610  |
| 4,687 | T32CA251070 | 5T32CA251070-05 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Surgical Oncology Training Grant  | ESSERMAN, LAURA J          | Awarded. Non-fellowships only | 2020/07/15 | 2025/06/30 | \$1,465,691 | \$1,465,691 | \$1,106,949 | \$355,791 |
| 4,688 | F31AI172194 | 5F31AI172194-02 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Importance and function of highly conserved substrates of the Legionella pneumophila Type II Secretion System for Infection             | ADAMS, CARLTON             | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$92,584    | \$48,974  |
| 4,689 | F31DC021372 | 5F31DC021372-02 | UNIVERSITY OF CONNECTICUT STORRS        | Understanding Individual Differences in Acoustic-Phonetic and Contextual Cue Use In Aging   | CRINNION, ANNE MARIE       | Awarded. Fellowships only     | 2023/08/23 | 2025/08/22 | \$94,784    | \$94,784    | \$85,579    | \$47,090  |
| 4,690 | T32HL007171 | 5T32HL007171-47 | UNIVERSITY OF COLORADO DENVER           | Translational Pulmonary Vascular Biology Program  | STENMARK, KURT R           | Awarded. Non-fellowships only | 1976/07/01 | 2028/06/30 | \$1,036,889 | \$1,036,889 | \$778,911   | \$520,122 |
| 4,691 | F31CA275027 | 5F31CA275027-03 | SLOAN-KETTERING INST CAN RESEARCH       | Understanding the divergent functions of mutant p53   | KENNEDY, MARGARET          | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$143,420   | \$143,420   | \$107,641   | \$48,974  |
| 4,692 | F30CA275213 | 5F30CA275213-03 | ALBERT EINSTEIN COLLEGE OF MEDICINE     | Rational design of anti-cancer therapeutics harnessing the synthetic lethality of methionine metabolism and arginine methyltransferases | BEDARD, GABRIEL T          | Awarded. Fellowships only     | 2022/07/01 | 2026/06/30 | \$158,420   | \$158,420   | \$153,890   | \$53,974  |
| 4,693 | F30AA029358 | 5F30AA029358-04 | LSU HEALTH SCIENCES CENTER              | Alcohol-induced Skeletal Muscle Insulin Insensitivity in SIV/HIV: Myotube-derived Extracellular Vesicle-mediated Mechanisms             | BOURGEOIS, BRIANNA LEILANI | Awarded. Fellowships only     | 2021/09/01 | 2026/08/31 | \$174,277   | \$174,277   | \$130,678   | \$55,736  |
| 4,694 | F30DE032897 | 5F30DE032897-02 | OHIO STATE UNIVERSITY                   | The Role of Bone Sialoprotein in Modulating Periodontal Development and Repair  | ANDRAS, NATALIE LYNN       | Awarded. Fellowships only     | 2023/08/01 | 2025/12/01 | \$108,268   | \$108,268   | \$108,268   | \$54,774  |
| 4,695 | TL1TR001883 | 5TL1TR001883-08 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | J. NRSA Training Core   | HARAWA, NINA THAWATA       | Awarded. Non-fellowships only | 2016/07/01 | 2027/05/31 | \$2,613,892 | \$2,613,892 | \$1,514,421 | \$908,635 |
| 4,696 | T32GM133393 | 5T32GM133393-04 | NORTH CAROLINA STATE UNIVERSITY RALEIGH | Training Grant in Comparative Molecular Medicine  | PIEDRAHITA, JORGE A        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$972,694   | \$972,694   | \$806,188   | \$279,840 |
| 4,697 | T32CA193201 | 5T32CA193201-09 | MEDICAL UNIVERSITY OF SOUTH CAROLINA    | Integrative Training in Oncogenic Signaling   | HOWE, PHILIP H             | Awarded. Non-fellowships only | 2016/07/08 | 2026/06/30 | \$1,577,571 | \$1,577,571 | \$1,290,145 | \$469,284 |
| 4,698 | T32GM135060 | 5T32GM135060-05 | EMORY UNIVERSITY                        | Training Program in Biochemistry, Cell and Development Biology  | BOISE, LAWRENCE H          | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,916,171 | \$1,916,171 | \$1,756,780 | \$376,541 |
| 4,699 | T32NS115704 | 5T32NS115704-04 | WAKE FOREST UNIVERSITY HEALTH SCIENCES  | Neuroscience Training at Wake Forest  | CZOTY, PAUL W              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,085,990 | \$1,085,990 | \$976,416   | \$301,873 |
| 4,700 | T32CA251063 | 5T32CA251063-05 | UNIVERSITY OF PENNSYLVANIA              | SURGICAL ONCOLOGY RESEARCH TRAINING PROGRAM AT PENN   | DEMATTEO, RONALD P         | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$2,038,536 | \$2,038,536 | \$1,810,574 | \$511,116 |
| 4,701 | T32DK007737 | 5T32DK007737-29 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Gastroenterology Research Training  | SHEIKH, SHEHZAD Z          | Awarded. Non-fellowships only | 1996/08/01 | 2026/06/30 | \$1,872,357 | \$1,872,357 | \$1,714,343 | \$488,922 |
| 4,702 | F31CA278589 | 5F31CA278589-02 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Role of Gastrokine 2 in pancreatic cancer development   | BELL, WHITNEY JEAN         | Awarded. Fellowships only     | 2023/07/12 | 2025/07/11 | \$79,702    | \$79,702    | \$69,477    | \$40,491  |
| 4,703 | T32AI155387 | 5T32AI155387-04 | YALE UNIVERSITY                         | Human and Translational Immunology Training Program   | HEROLD, KEVAN C            | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$1,739,896 | \$1,739,896 | \$1,451,725 | \$444,717 |
| 4,704 | T32NS121780 | 5T32NS121780-04 | GEORGETOWN UNIVERSITY                   | Training Program in NeuroHIV (TPNH)   | MOCCHETTI, ITALO           | Awarded. Non-fellowships only | 2021/07/02 | 2026/06/30 | \$580,558   | \$580,558   | \$515,897   | \$153,921 |
| 4,705 | T32AI132152 | 5T32AI132152-07 | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Training in the Molecular Basis of Autoimmunity and Autoinflammation  | FITZGERALD, KATHERINE A    | Awarded. Non-fellowships only | 2018/09/01 | 2028/08/31 | \$486,323   | \$486,323   | \$380,077   | \$242,928 |
| 4,706 | F31HD111265 | 5F31HD111265-02 | JOHNS HOPKINS UNIVERSITY                | Regulation of Centrosome Biogenesis During Mammalian Spermatogenesis  | SKINNER, MARNIE            | Awarded. Fellowships only     | 2023/07/17 | 2025/10/16 | \$96,668    | \$96,668    | \$88,513    | \$48,974  |
| 4,707 | F30MH131300 | 5F30MH131300-03 | UNIVERSITY OF COLORADO                  | Interrogating the role of inhibitory interneurons of the nucleus accumbens in social attachment   | EL-KALLINY, MOSTAFA        | Awarded. Fellowships only     | 2022/08/01 | 2026/07/31 | \$121,974   | \$121,974   | \$108,998   | \$42,088  |
| 4,708 | T32NS116024 | 5T32NS116024-30 | BAYLOR COLLEGE OF MEDICINE              | Graduate Training in the Neurosciences  | RASBAND, MATTHEW N         | Awarded. Non-fellowships only | 1994/07/01 | 2025/06/30 | \$1,542,795 | \$1,542,795 | \$1,440,336 | \$318,782 |

|       |             |                 |  |   |                          |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,709 | F32AG081135 | 5F32AG081135-02 | EMORY UNIVERSITY                         | Impact of APOE on endothelial cell proteomes in Alzheimers disease  | WOJTAS, ALEKSANDRA MARIA | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$159,684   | \$159,684   | \$117,129   | \$83,392  |
| 4,710 | T32NS082174 | 5T32NS082174-12 | UNIVERSITY OF CALIFORNIA-IRVINE          | Training Program in Stem Cell Translational Medicine for Neurological Disorders   | THOMPSON, LESLIE MICHELS | Awarded. Non-fellowships only | 2013/07/01 | 2028/06/30 | \$599,820   | \$599,820   | \$510,875   | \$264,736 |
| 4,711 | F31NS129377 | 5F31NS129377-03 | UNIVERSITY OF PENNSYLVANIA               | Models and mechanisms of SCN3A neurodevelopmental disorder  | MERCHANT, JULIE PRIYA    | Awarded. Fellowships only     | 2022/07/01 | 2025/06/30 | \$130,776   | \$130,776   | \$125,831   | \$36,330  |
| 4,712 | T32AT003378 | 5T32AT003378-18 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Research Training Fellowship in Complementary and Integrative Healthcare  | GAYLORD, SUSAN           | Awarded. Non-fellowships only | 2007/07/01 | 2027/06/30 | \$1,293,650 | \$1,293,650 | \$1,147,609 | \$460,095 |
| 4,713 | T32AI007538 | 5T32AI007538-25 | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | Biology of Infectious Disease and Inflammation  | OZBUN, MICHELLE A        | Awarded. Non-fellowships only | 1998/09/30 | 2025/08/31 | \$1,472,192 | \$1,472,192 | \$1,282,373 | \$296,381 |
| 4,714 | T32CA062948 | 5T32CA062948-30 | WEILL MEDICAL COLL OF CORNELL UNIV       | Cancer Pharmacology   | GUDAS, LORRAINE J        | Awarded. Non-fellowships only | 1994/09/01 | 2026/06/30 | \$2,885,618 | \$2,885,618 | \$2,482,730 | \$506,020 |
| 4,715 | T32DK007732 | 5T32DK007732-30 | JOHNS HOPKINS UNIVERSITY                 | Renal Disease Epidemiology Training Grant   | CREWS, DEIDRA CANDICE    | Awarded. Non-fellowships only | 1995/09/20 | 2026/06/30 | \$1,715,171 | \$1,715,171 | \$1,576,063 | \$325,519 |
| 4,716 | F31HL163872 | 5F31HL163872-03 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Understanding Dysregulated Crosstalk Between Regulatory T Cells and Lung Dendritic Cells in the Pathogenesis of Chronic Obstructive Pulmonary Disease | MENGISTU, DAWIT          | Awarded. Fellowships only     | 2022/05/16 | 2025/07/15 | \$120,500   | \$120,500   | \$120,500   | \$41,334  |
| 4,717 | F31EY034774 | 5F31EY034774-02 | JOHNS HOPKINS UNIVERSITY                 | AAV-mediated Müller glia reprogramming to early-stage retinal progenitor cells  | PANNULLO, NICOLE         | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$62,341    | \$48,974  |
| 4,718 | T32NS082145 | 5T32NS082145-12 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  | Integrated Graduate Training Program in Neuroscience, UTHSCSA   | MORILAK, DAVID A         | Awarded. Non-fellowships only | 2013/07/01 | 2028/06/30 | \$311,537   | \$311,537   | \$233,097   | \$148,075 |
| 4,719 | F30DK135349 | 5F30DK135349-02 | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Regulation of Lymphatic and Vascular Remodeling in Acute Kidney Injury  | GHAJAR-RAHIMI, GELARE    | Awarded. Fellowships only     | 2023/07/01 | 2026/12/31 | \$83,978    | \$83,978    | \$76,923    | \$42,629  |
| 4,720 | T32CA009695 | 5T32CA009695-32 | STANFORD UNIVERSITY                      | Stanford Cancer Imaging Training (SCIT) Program   | DAHL, JEREMY             | Awarded. Non-fellowships only | 1993/02/01 | 2028/08/31 | \$833,028   | \$833,028   | \$475,019   | \$419,732 |
| 4,721 | T32AI170496 | 5T32AI170496-02 | OREGON HEALTH & SCIENCE UNIVERSITY       | Interdisciplinary Training in Microbial Pathogenesis and Immunology   | NOLZ, JEFFREY C          | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$769,239   | \$769,239   | \$557,330   | \$396,721 |
| 4,722 | T32GM148379 | 5T32GM148379-02 | UNIVERSITY OF VIRGINIA                   | Training in the Pharmacological Sciences  | LYNCH, KEVIN R           | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$594,884   | \$594,884   | \$501,463   | \$329,616 |
| 4,723 | T32AA018108 | 5T32AA018108-15 | UNIVERSITY OF NEW MEXICO                 | Alcohol Research Training: Methods and Mechanisms of Change   | WITKIEWITZ, KATIE A      | Awarded. Non-fellowships only | 2010/07/01 | 2025/06/30 | \$1,859,010 | \$1,859,010 | \$1,721,813 | \$406,437 |
| 4,724 | F31CA275390 | 5F31CA275390-03 | PURDUE UNIVERSITY                        | Investigations into ubiquitin binding proteins using structure guided reactivity  | PATEL, RISHI             | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$143,420   | \$143,420   | \$113,979   | \$48,974  |
| 4,725 | T32AI052074 | 5T32AI052074-19 | BOSTON MEDICAL CENTER                    | BU Clinical HIV/AIDS Research Training Program (BU-CHART  | LINAS, BENJAMIN P        | Awarded. Non-fellowships only | 2003/08/01 | 2026/07/31 | \$1,667,941 | \$1,667,941 | \$1,485,700 | \$542,752 |
| 4,726 | F31DK136186 | 5F31DK136186-02 | UNIVERSITY OF COLORADO DENVER            | Submicron ultrasound contrast agents as diagnostic agents and therapeutic vehicles in type 1 diabetes   | CICCAGLIONE, MARK        | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$74,508    | \$48,974  |
| 4,727 | T32DK007247 | 5T32DK007247-47 | UNIVERSITY OF WASHINGTON                 | Diabetes, Obesity and Metabolism Training Program   | MORTON, GREGORY J        | Awarded. Non-fellowships only | 1977/07/01 | 2028/06/30 | \$1,024,203 | \$1,024,203 | \$781,781   | \$618,084 |
| 4,728 | T32HL091804 | 5T32HL091804-15 | TEMPLE UNIV OF THE COMMONWEALTH          | Integrative Cardiovascular Pathophysiology  | ELROD, JOHN WILLIAM      | Awarded. Non-fellowships only | 2008/09/01 | 2025/05/31 | \$2,040,091 | \$2,040,091 | \$1,576,433 | \$271,224 |
| 4,729 | F31MH133269 | 5F31MH133269-02 | UNIVERSITY OF MIAMI CORAL GABLES         | An Ecological Momentary Assessment Study of Intolerance of Uncertainty: Linking Computational Measures with Clinical Factors                          | BROOS, HANNAH CLAIRE     | Awarded. Fellowships only     | 2023/06/16 | 2025/06/15 | \$96,668    | \$96,668    | \$46,942    | \$48,974  |
| 4,730 | T32GM136536 | 5T32GM136536-05 | UNIVERSITY OF ARIZONA                    | Graduate Training in Biochemistry and Molecular Biology   | CAPALDI, ANDREW PAUL     | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,509,847 | \$1,509,847 | \$1,482,442 | \$297,498 |
| 4,731 | T32CA009071 | 5T32CA009071-43 | JOHNS HOPKINS UNIVERSITY                 | Molecular Targets for Cancer Detection and Treatment  | ARMANIOS, MARY Y         | Awarded. Non-fellowships only | 1979/09/15 | 2027/06/30 | \$1,383,650 | \$1,383,650 | \$1,367,245 | \$502,474 |

|       |             |                   |   |  |                                  |                               |            |            |             |             |             |             |
|-------|-------------|-------------------|---|--|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| 4,732 | F31CA268775 | 5F31CA268775-03   | WEILL MEDICAL COLL OF CORNELL UNIV      | Elucidating Mechanisms of Loss of Heterozygosity in Diploid Cells  | REGAN, SAMANTHA BROOKE           | Awarded. Fellowships only     | 2022/06/22 | 2025/06/21 | \$143,420   | \$143,420   | \$135,424   | \$48,974    |
| 4,733 | T32GM145408 | 5T32GM145408-02   | MAYO CLINIC ROCHESTER                   | MSTP at Mayo Clinic Rochester  | SCHIMMENTI, LISA A               | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$2,359,788 | \$2,359,788 | \$1,818,304 | \$1,198,718 |
| 4,734 | T32NS061788 | 5T32NS061788-17   | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | UAB Research Training Program in Neurobiology of Cognition and Cognitive Disorders   | LUBIN, FARAH DOMINIQUE           | Awarded. Non-fellowships only | 2008/07/01 | 2028/06/30 | \$558,873   | \$558,873   | \$471,535   | \$250,031   |
| 4,735 | T32GM136573 | 5T32GM136573-05   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE  | Medical Scientist Research Service Award   | SULMAN, ERIK                     | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$6,782,709 | \$6,782,709 | \$6,158,689 | \$1,498,398 |
| 4,736 | T32NS082168 | 5T32NS082168-10   | UNIVERSITY OF FLORIDA                   | Interdisciplinary Training in Movement Disorders and Neurorestoration  | VAILLANCOURT, DAVID E            | Awarded. Non-fellowships only | 2015/05/01 | 2025/06/30 | \$1,414,959 | \$1,414,959 | \$1,186,017 | \$161,458   |
| 4,737 | T32GM145388 | 5T32GM145388-03   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Research Training in Cell and Molecular Biology  | TORRES, JORGE                    | Awarded. Non-fellowships only | 2022/07/01 | 2027/06/30 | \$3,251,438 | \$3,251,438 | \$2,855,007 | \$1,122,070 |
| 4,738 | T32GM150581 | 5T32GM150581-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Systems and Integrative Biology Training Program   | BEARD, DANIEL A                  | Awarded. Non-fellowships only | 2023/07/01 | 2028/06/30 | \$541,830   | \$541,830   | \$468,125   | \$329,616   |
| 4,739 | T32AI060546 | 5T32AI060546-20   | UNIVERSITY OF GEORGIA                   | Training in Tropical and Emerging Global Diseases  | MORENO, SILVIA N                 | Awarded. Non-fellowships only | 2004/08/01 | 2025/08/31 | \$1,864,469 | \$1,864,469 | \$1,757,288 | \$431,221   |
| 4,740 | T32CA009547 | 5T32CA009547-38   | WASHINGTON UNIVERSITY                   | TRAINING IN THE IMMUNOBIOLOGY AND MOLECULAR CELL BIOLOGY OF CANCER   | SCHREIBER, ROBERT DAVID          | Awarded. Non-fellowships only | 1986/07/01 | 2027/06/30 | \$1,189,953 | \$1,189,953 | \$841,637   | \$416,112   |
| 4,741 | F31AR082227 | 5F31AR082227-02   | MAYO CLINIC ROCHESTER                   | Assessing scaphotrapezotrapezoid arthrokinematics using 4DCT   | TRENTADUE, TAYLOR PATRICIA       | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$97,068    | \$97,068    | \$85,152    | \$49,174    |
| 4,742 | T32GM141804 | 5T32GM141804-04   | JOHNS HOPKINS UNIVERSITY                | Cellular and Molecular Biology   | KIM, JOHN                        | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$3,441,415 | \$3,441,415 | \$3,103,019 | \$878,975   |
| 4,743 | F32AI183755 | 1F32AI183755-01   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Proteus mirabilis RTX proteins: Role in polymicrobial biofilm formation and pathogenesis of catheter associated urinary tract infection      | HUNT, BENJAMIN CARTER            | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$74,284    | \$74,284    | \$59,399    | \$74,284    |
| 4,744 | T32AR059033 | 5T32AR059033-14   | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Regenerative Musculoskeletal Medicine Training Program   | ADAMS, JOHN S                    | Awarded. Non-fellowships only | 2011/08/11 | 2026/07/31 | \$1,372,797 | \$1,372,797 | \$1,162,495 | \$315,195   |
| 4,745 | F31DK137460 | 1F31DK137460-01A1 | JOHNS HOPKINS UNIVERSITY                | Uncovering the Role of GPR39 in the kidney   | KUI, MACKENZIE                   | Awarded. Fellowships only     | 2024/05/20 | 2026/05/19 | \$97,948    | \$97,948    | \$46,897    | \$48,974    |
| 4,746 | F31HD113329 | 1F31HD113329-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Non-Preferred Contraceptive Method Use in Low-Resourced Settings: Exploring Inappropriate Medical Contraindications and Person-Centered Care | CHUNG, STEPHANIE ROSLYN-ISABELLE | Awarded. Fellowships only     | 2024/08/18 | 2026/08/17 | \$37,329    | \$37,329    | \$27,490    | \$37,329    |
| 4,747 | F31DE032881 | 5F31DE032881-02   | UNIVERSITY OF IOWA                      | Deciphering neural crest-specific TFAP2 pathways in midface development and dysplasia  | NGUYEN, TIMOTHY                  | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$88,395    | \$88,395    | \$60,319    | \$45,001    |
| 4,748 | F30HL174099 | 1F30HL174099-01   | STANFORD UNIVERSITY                     | Molecular mechanisms of mitochondrial metabolic regulation   | KRISHNAN, ASWINI RAM             | Awarded. Fellowships only     | 2024/09/16 | 2028/09/15 | \$41,856    | \$41,856    | \$19,029    | \$41,856    |
| 4,749 | F31AG087658 | 1F31AG087658-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Determining the genetic drivers of ancestry-specific differential penetrance of APOE4 in sporadic Alzheimer's Disease                        | GARDELL, ZACHARY A               | Awarded. Fellowships only     | 2024/06/15 | 2027/06/14 | \$41,324    | \$41,324    | \$33,537    | \$41,324    |
| 4,750 | T32CA151022 | 5T32CA151022-15   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Training Program in Translational Brain Tumor Research   | COSTELLO, JOSEPH F               | Awarded. Non-fellowships only | 2010/09/01 | 2025/08/31 | \$2,578,024 | \$2,578,024 | \$2,391,332 | \$601,773   |
| 4,751 | F32AI178852 | 5F32AI178852-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Post-translational modification of GlyGly-Cterm Proteins   | ROBERTS, CAMERON                 | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$154,264   | \$154,264   | \$131,819   | \$79,984    |
| 4,752 | F31AR083277 | 5F31AR083277-02   | RUSH UNIVERSITY MEDICAL CENTER          | Piezo2-mediated neuroplasticity in osteoarthritis  | ADAMCZYK, NATALIE                | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668    | \$96,668    | \$78,500    | \$48,974    |
| 4,753 | F32GM154475 | 1F32GM154475-01   | UNIVERSITY OF UTAH                      | Gadusol: An ancient sunscreen that protects metazoan development   | JOHNSON, KRISTIN LORETTE         | Awarded. Fellowships only     | 2024/09/16 | 2026/09/15 | \$73,828    | \$73,828    | \$45,047    | \$73,828    |
| 4,754 | F30GM154411 | 1F30GM154411-01   | PRINCETON UNIVERSITY                    | Regulation of protein dynamics in Drosophila embryos ectoderm germ layer   | MARISHTA, ARGIT                  | Awarded. Fellowships only     | 2024/06/01 | 2028/05/31 | \$32,974    | \$32,974    | \$27,426    | \$32,974    |

|       |             |                   |   |  |                            |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|---|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,755 | F31DC021888 | 1F31DC021888-01   | UNIVERSITY OF FLORIDA                   | Basolateral amygdala support of odor valence learning  | SNIFFEN, SARAH ELIZABETH   | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$43,382    | \$43,382    | \$32,995    | \$43,382  |
| 4,756 | F31NS129279 | 5F31NS129279-03   | BAYLOR COLLEGE OF MEDICINE              | Adult-onset Purkinje cell loss in cerebellar dysfunction   | DONOFRIO, SARAH            | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$145,920   | \$145,920   | \$134,754   | \$48,974  |
| 4,757 | F31ES036454 | 1F31ES036454-01   | BOSTON UNIVERSITY MEDICAL CAMPUS        | Metals, the Microbiome, and Kidney Health Among Adolescents in Central America   | HALL, SAMANTHA             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 4,758 | F31AA031431 | 1F31AA031431-01A1 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Neural intersection of chronic alcohol exposure and pain   | BRANDNER, ADAM JOSEPH      | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$48,974    | \$48,974    | \$41,071    | \$48,974  |
| 4,759 | F31NS134240 | 1F31NS134240-01A1 | WASHINGTON UNIVERSITY                   | The Sleep Signature: A Disentangled State in Each Neuron   | SCHNEIDER, AIDAN           | Awarded. Fellowships only     | 2024/07/01 | 2025/11/30 | \$34,926    | \$34,926    | \$24,653    | \$34,926  |
| 4,760 | F30HL163992 | 5F30HL163992-03   | UNIVERSITY OF CHICAGO                   | Establishing CUX1 as a determinant of Hematopoietic Stem cell heterogeneity  | MARTINEZ, TANNER CLARK     | Awarded. Fellowships only     | 2022/09/30 | 2027/09/29 | \$158,420   | \$158,420   | \$104,447   | \$53,974  |
| 4,761 | F31AI183823 | 1F31AI183823-01   | EMORY UNIVERSITY                        | Impact of antibiotic treatment on Lactobacillus population dynamics and intestinal T cell regulatory function                              | RIVERA-RODRIGUEZ, DORMARIE | Awarded. Fellowships only     | 2024/08/01 | 2025/07/31 | \$48,974    | \$48,974    | \$31,212    | \$48,974  |
| 4,762 | F31NS137681 | 1F31NS137681-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER | Examining the Role of a Pathogenic HTT Isoform, HTT1a, in Somatic Expansion and RNA Aggregation in Huntingtons Disease                     | ALLEN, SARAH JANE          | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$33,780    | \$33,780    | \$26,124    | \$33,780  |
| 4,763 | F32HD113333 | 1F32HD113333-01A1 | UNIVERSITY OF ILLINOIS AT CHICAGO       | Walking Inefficiency in Multiple Sclerosis: Influence of Vascular Dysfunction  | JENG, BRENDA               | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$73,828    | \$73,828    | \$73,828    | \$73,828  |
| 4,764 | F31HD115374 | 1F31HD115374-01   | UNIVERSITY OF WISCONSIN-MADISON         | Fertility Among Women with Chronic Health Conditions: A Mixed Methods Study  | CANNON, LINDSAY MARIE      | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$40,295    | \$40,295    | \$25,159    | \$40,295  |
| 4,765 | T32GM133332 | 5T32GM133332-05   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH  | Predoctoral Training in Pharmacological Sciences (Resubmission)  | JACOB, TIJA C              | Awarded. Non-fellowships only | 2020/07/01 | 2025/06/30 | \$1,413,440 | \$1,413,440 | \$1,218,946 | \$297,503 |
| 4,766 | F31NS130767 | 5F31NS130767-02   | NORTHWESTERN UNIVERSITY AT CHICAGO      | Identifying mechanisms underlying sex differences in motoneuron discharge  | JENZ, SOPHIA THERESA       | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$88,803    | \$88,803    | \$65,190    | \$45,336  |
| 4,767 | F31NS129103 | 5F31NS129103-03   | HARVARD MEDICAL SCHOOL                  | Anatomical and Functional Characterization of Gastrointestinal to Spinal Cord Circuits   | MCKENZIE, ZACHARY          | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$112,808   | \$112,808   | \$101,571   | \$36,796  |
| 4,768 | F30MH130078 | 5F30MH130078-03   | STATE UNIVERSITY NEW YORK STONY BROOK   | Functional study of the role of SAPAP3 postsynaptic density protein on dorsolateral striatal cholinergic interneurons                      | BAEZ, ALEXANDER THEODOR    | Awarded. Fellowships only     | 2022/09/02 | 2026/09/01 | \$133,026   | \$133,026   | \$104,693   | \$53,974  |
| 4,769 | F32AR083259 | 1F32AR083259-01A1 | UNIVERSITY OF KENTUCKY                  | A multispecies system for elucidating proliferative control mechanisms during mammalian skin and musculoskeletal regeneration              | ALLEN, ROBYN S             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$79,256    | \$79,256    | \$51,154    | \$79,256  |
| 4,770 | F31NS127483 | 5F31NS127483-03   | CARNEGIE-MELLON UNIVERSITY              | Cell-type Specific Neuromodulation Using Burst DBS Produces Long-lasting Behavioral and Physiological Rescue in a Parkinsonian Mouse Model | NANIVADEKAR, SHRUTI        | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$133,020   | \$133,020   | \$97,810    | \$45,374  |
| 4,771 | T32EB028092 | 5T32EB028092-05   | WASHINGTON UNIVERSITY                   | TRAINING IN REGENERATIVE MEDICINE  | GUILAK, FARSHID            | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,481,722 | \$1,481,722 | \$1,179,287 | \$229,249 |
| 4,772 | F31EY036274 | 1F31EY036274-01   | JOHNS HOPKINS UNIVERSITY                | Understanding the chromatin architectural landscape of retinal development at the single-cell level  | TRINH, VICKIE              | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 4,773 | F31ES036459 | 1F31ES036459-01   | UNIVERSITY OF KANSAS MEDICAL CENTER     | Investigating XRCC1 coordination with DNA polymerase beta in chromatin during BER  | THOMPSON, SPENCER          | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$37,460    | \$37,460    | \$27,187    | \$37,460  |
| 4,774 | F31DE033922 | 1F31DE033922-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Intercepting the Evolution of Pro-Tumoral Myeloid Cells During the Initiation of Oral Cancer   | TANER, HULYA               | Awarded. Fellowships only     | 2024/09/01 | 2028/08/31 | \$54,774    | \$54,774    | \$54,774    | \$54,774  |
| 4,775 | F31CA278008 | 5F31CA278008-02   | EMORY UNIVERSITY                        | The role of DPF2 stability in SMARCB1-deficient cancers  | COOPER, GARRETT            | Awarded. Fellowships only     | 2023/09/01 | 2026/11/14 | \$96,668    | \$96,668    | \$70,623    | \$48,974  |

|       |             |                   |  |   |                           |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,776 | F30HL174158 | 1F30HL174158-01   | TEMPLE UNIV OF THE COMMONWEALTH          | Linking Mitochondrial Calcium to Histone Methylation Underlying Lung Regeneration   | PANTUCK, MORGAN           | Awarded. Fellowships only     | 2024/09/16 | 2027/09/15 | \$35,481    | \$35,481    | \$24,377    | \$35,481  |
| 4,777 | F31MH134470 | 1F31MH134470-01A1 | UNIVERSITY OF ROCHESTER                  | Identifying Risk Mechanisms Underpinning the Association Between Callous-Unemotional Traits and Externalizing Behavior      | CAO, VANESSA T            | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$48,974    | \$48,974    | \$40,786    | \$48,974  |
| 4,778 | F31GM151830 | 1F31GM151830-01A1 | JOHNS HOPKINS UNIVERSITY                 | Investigating the Role of HSPE1 in Regulating OPA1  | YEUNG, NELSON             | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$48,974    | \$48,974    | \$40,696    | \$48,974  |
| 4,779 | F30AI179077 | 1F30AI179077-01A1 | STATE UNIVERSITY NEW YORK STONY BROOK    | Rv3802c function in mycobacterial cell envelope remodeling, barrier properties, and antibiotic susceptibility               | SAKARIN, ISABEL JANTANA   | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$41,306    | \$41,306    | \$26,008    | \$41,306  |
| 4,780 | F30AG087705 | 1F30AG087705-01   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | Regulation of Microglial Function by Major Histocompatibility Complex I in Aging and Alzheimers Disease                     | KELLOGG, COLLYN MICHAEL   | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$44,477    | \$44,477    | \$21,168    | \$44,477  |
| 4,781 | T32GM136547 | 5T32GM136547-05   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Predoctrol Training in Biomedical Sciences  | SIL, ANITA                | Awarded. Non-fellowships only | 2020/07/01 | 2026/06/30 | \$2,948,282 | \$2,948,282 | \$2,729,135 | \$609,361 |
| 4,782 | F31DA060484 | 1F31DA060484-01   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Entropic Redistribution Drives the GRK-Independent Binding of Arrestin 2 to the Cannabinoid 2 Receptor                      | SHRIVER, THOMAS           | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$26,112    | \$48,974  |
| 4,783 | T32OD011130 | 5T32OD011130-17   | NORTH CAROLINA STATE UNIVERSITY RALEIGH  | Comparative Medicine and Translational Research Training Program  | SCHNABEL, LAUREN VIRGINIA | Awarded. Non-fellowships only | 2008/08/01 | 2028/07/31 | \$1,124,919 | \$1,124,919 | \$858,429   | \$560,688 |
| 4,784 | F32GM148163 | 5F32GM148163-03   | HARVARD UNIVERSITY                       | Molecular tuning of sensory systems in octopus  | SEPELA, REBECKA JANE      | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$210,154   | \$210,154   | \$181,262   | \$74,284  |
| 4,785 | F32DK128975 | 5F32DK128975-03   | UNIVERSITY OF TEXAS DALLAS               | Mechanistic basis of urinary Lactobacillus enrichment by estrogen hormone therapy   | NEUGENT, MICHAEL LEE      | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$218,266   | \$218,266   | \$192,091   | \$78,892  |
| 4,786 | F31HL167626 | 5F31HL167626-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Time Restricted Feeding in Diet Induced Obesity Improves Aortic Damage and Endothelial Function Through Reducing Th17 Cells | EDELL, CLAUDIA            | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$96,668    | \$96,668    | \$78,382    | \$48,974  |
| 4,787 | F31AG084164 | 1F31AG084164-01A1 | DUKE UNIVERSITY                          | The impact of Wnt signaling on hematopoietic stem cell aging and its influence on fracture repair                           | NGUYEN, TUYET DOAN ANH    | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$41,567    | \$41,567    | \$36,582    | \$41,567  |
| 4,788 | F31GM150221 | 5F31GM150221-02   | UNIVERSITY OF UTAH                       | Mechanism of Substrate Unfolding by the AAA+ ATPase p97 and Binding Partners  | MACK, DEIRDRE             | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$96,668    | \$96,668    | \$72,933    | \$48,974  |
| 4,789 | F30DA057043 | 5F30DA057043-02   | PENNSYLVANIA STATE UNIV HERSHEY MED CTR  | Fentanyl Addiction: Individual Differences, Neural Circuitry, and Treatment with a GLP-1 Receptor Agonist                   | EVANS, BRIANNA            | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$70,296    | \$70,296    | \$56,019    | \$35,788  |
| 4,790 | F31ES034985 | 5F31ES034985-02   | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | Role of 14-3-3θ in Environmental Toxicant Exposure and Neuroinflammation in Synucleinopathies                               | STONE, WILLIAM J          | Awarded. Fellowships only     | 2023/08/01 | 2027/07/31 | \$89,478    | \$89,478    | \$65,812    | \$45,629  |
| 4,791 | F31HL170755 | 5F31HL170755-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | The roles of PLD and DGK isoforms in PIP2 homeostasis during PLC signaling  | WECKERLY, CLAIRE          | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668    | \$96,668    | \$85,515    | \$48,974  |
| 4,792 | F30HL162475 | 5F30HL162475-03   | LOYOLA UNIVERSITY CHICAGO                | Characterizing transient hematopoietic multipotent and megakaryocyte progenitor cells during postnatal development          | MACK, RYAN                | Awarded. Fellowships only     | 2022/09/01 | 2027/04/30 | \$121,576   | \$121,576   | \$59,953    | \$53,974  |
| 4,793 | F32DC020659 | 5F32DC020659-03   | NEW YORK UNIVERSITY                      | Genetic rescue of a developmental hearing loss-induced spectral processing deficit  | MASRI, SAMER              | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$218,266   | \$218,266   | \$185,306   | \$78,892  |
| 4,794 | F31NS134153 | 1F31NS134153-01A1 | UNIVERSITY OF NEVADA RENO                | ROS as a somnogenic signal in the metabolic regulation of sleep   | MCINTIRE, PEARSON         | Awarded. Fellowships only     | 2024/06/01 | 2026/05/31 | \$37,265    | \$37,265    | \$31,099    | \$37,265  |
| 4,795 | F30HL160171 | 5F30HL160171-03   | INDIANA UNIVERSITY INDIANAPOLIS          | Inflammatory contributions of clonal hematopoiesis to cardiovascular disease  | BURNS, SARAH S            | Awarded. Fellowships only     | 2022/08/01 | 2025/07/31 | \$135,414   | \$135,414   | \$92,801    | \$47,031  |
| 4,796 | F31HL165674 | 5F31HL165674-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Early Life Pulmonary Infection, Microbiome and Trained Innate Immunity  | ETHRIDGE, ALEXANDER DALE  | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$81,650    | \$81,650    | \$81,650    | \$41,465  |
| 4,797 | T32NS007473 | 5T32NS007473-24   | BOSTON CHILDREN'S HOSPITAL               | Developmental Neurology   | SCHWARZ, THOMAS L         | Awarded. Non-fellowships only | 1999/07/01 | 2026/06/30 | \$1,943,805 | \$1,943,805 | \$1,730,504 | \$491,730 |



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|-------|-------------|-----------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,798 | T32AI158105 | 5T32AI158105-04 | GEORGE WASHINGTON UNIVERSITY             | Training in HIV Persistence, Co-morbidities and Therapeutics   | MAGGIRWAR, SANJAY B        | Awarded. Non-fellowships only | 2021/09/01 | 2026/08/31 | \$692,762   | \$692,762   | \$557,556   | \$201,776 |
| 4,799 | F32GM145134 | 5F32GM145134-03 | UNIVERSITY OF TEXAS AT AUSTIN            | Spectroscopic and Mechanistic Characterization of Novel DNAzymes Selective for Redox-active Metal Ions                     | VAN STAPPEN, CASEY MICHAEL | Awarded. Fellowships only     | 2022/09/05 | 2025/09/04 | \$232,938   | \$232,938   | \$179,985   | \$84,364  |
| 4,800 | F30AI157314 | 5F30AI157314-04 | NORTHWESTERN UNIVERSITY AT CHICAGO       | Role of molecular drivers in memory group 1 CD1-restricted T cell differentiation and Mycobacterium tuberculosis infection | MORGUN, EVA                | Awarded. Fellowships only     | 2021/09/15 | 2025/08/31 | \$195,960   | \$195,960   | \$141,986   | \$53,974  |
| 4,801 | F30AG079610 | 5F30AG079610-03 | UNIVERSITY OF CALIFORNIA-IRVINE          | Multimodal, multiclass prediction of disease status in Alzheimer's   | REN, YUEQI                 | Awarded. Fellowships only     | 2022/09/01 | 2026/08/31 | \$140,051   | \$140,051   | \$93,944    | \$53,974  |
| 4,802 | T32AR007108 | 5T32AR007108-44 | UNIVERSITY OF WASHINGTON                 | Research Training in Rheumatology  | MUSTELIN, TOMAS M          | Awarded. Non-fellowships only | 1975/07/01 | 2026/06/30 | \$1,392,411 | \$1,392,411 | \$1,235,319 | \$291,971 |
| 4,803 | T32DK007260 | 5T32DK007260-48 | JOSLIN DIABETES CENTER                   | Training Grant in Diabetes and Metabolism  | BLACKWELL, T KEITH         | Awarded. Non-fellowships only | 1977/07/01 | 2027/06/30 | \$2,259,399 | \$2,259,399 | \$1,263,498 | \$845,366 |
| 4,804 | F30HL168980 | 5F30HL168980-02 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | Predicting Cardiovascular Outcomes Using Diabetes-Induced Transcriptomic Networks  | KARLINSEY, KEATON          | Awarded. Fellowships only     | 2023/06/01 | 2027/05/31 | \$92,786    | \$92,786    | \$83,616    | \$47,283  |
| 4,805 | F31AA030927 | 5F31AA030927-02 | UNIVERSITY OF NEBRASKA LINCOLN           | The Process of Alcohol-Involved Sexual Assault Disclosure: A Mixed-Methods Approach to Examining Disclosure Content        | EDWARDS, MADISON           | Awarded. Fellowships only     | 2023/07/07 | 2025/08/06 | \$96,668    | \$96,668    | \$96,482    | \$48,974  |
| 4,806 | T34GM137858 | 5T34GM137858-05 | LAGUARDIA COMMUNITY COLLEGE              | Bridges to the Baccalaureate Research Training Program at LaGuardia Community College                                      | TSAI, MIDAS                | Awarded. Non-fellowships only | 2020/08/01 | 2025/07/31 | \$1,508,884 | \$1,508,884 | \$1,234,453 | \$175,915 |
| 4,807 | T32DK007130 | 5T32DK007130-51 | WASHINGTON UNIVERSITY                    | Clinical/Laboratory Training Academic Gastroenterology   | DAVIDSON, NICHOLAS O       | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$2,217,537 | \$2,217,537 | \$1,969,070 | \$425,269 |
| 4,808 | F31DA060615 | 1F31DA060615-01 | NORTHWESTERN UNIVERSITY AT CHICAGO       | The role of dopamine in OFC-DMS plasticity in punishment-resistant reward-seeking behavior                                 | MWENDA, NKATHA KARIMI      | Awarded. Fellowships only     | 2024/06/01 | 2027/05/31 | \$44,187    | \$44,187    | \$27,708    | \$44,187  |
| 4,809 | F31AA030711 | 5F31AA030711-03 | UNIVERSITY OF NEW MEXICO                 | Rhythms of Hippocampal Function and Memory Deficits After Moderate Prenatal Alcohol Exposure                               | SANCHEZ, LILLIANA MAY      | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$111,752   | \$111,752   | \$85,002    | \$38,418  |
| 4,810 | T32CA261787 | 5T32CA261787-04 | GEORGETOWN UNIVERSITY                    | Training Program in Cancer Population Science (CaPS)   | O'NEILL, SUZANNE C         | Awarded. Non-fellowships only | 2021/08/01 | 2026/07/31 | \$787,244   | \$787,244   | \$604,543   | \$210,674 |
| 4,811 | T32MH019986 | 5T32MH019986-28 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Clinical and Translational Research Training in Geriatric Mental Health  | AIZENSTEIN, HOWARD J       | Awarded. Non-fellowships only | 1997/07/15 | 2027/06/30 | \$1,312,227 | \$1,312,227 | \$798,219   | \$247,790 |
| 4,812 | F31ES034283 | 5F31ES034283-03 | NORTHWESTERN UNIVERSITY                  | Investigating the role of the membrane in particulate methane monooxygenase (pMMO) structure and function                  | TUCCI, FRANK               | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$129,059   | \$129,059   | \$104,999   | \$44,187  |
| 4,813 | F31HL170697 | 5F31HL170697-02 | EMORY UNIVERSITY                         | Investigation of Sex Differences in Physical Activity and its Relationships with Stress After Myocardial Infarction        | SUVADA, KARA               | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$74,330    | \$48,974  |
| 4,814 | T32GM150525 | 5T32GM150525-02 | ROCHESTER INSTITUTE OF TECHNOLOGY        | Rochester Bridges to the Doctorate for Deaf and Hard-of-Hearing (D/HH) Students (RB2D).                                    | JACOB, BONNIE C            | Awarded. Non-fellowships only | 2023/08/01 | 2028/07/31 | \$585,107   | \$585,107   | \$384,855   | \$296,490 |
| 4,815 | T32HL140290 | 5T32HL140290-07 | UNIVERSITY OF TEXAS AT AUSTIN            | Research Training to Promote Scientist Diversity & Health Equity in Cardiovascular & Lung Disease                          | CUBBIN, CATHERINE          | Awarded. Non-fellowships only | 2018/08/01 | 2028/07/31 | \$587,220   | \$587,220   | \$312,187   | \$273,174 |
| 4,816 | F32DA060613 | 1F32DA060613-01 | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Rhythms in Cholinergic Interneuron Activity Mediate Drug-Taking Behaviors  | STOWE, TAYLOR ASHLEY       | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$74,284    | \$74,284    | \$44,806    | \$74,284  |
| 4,817 | F32MH130149 | 5F32MH130149-03 | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Testing a Social Safety Theory Perspective on Depression: An Intensive Longitudinal Immunopsychiatric Data Approach        | MORIARITY, DANIEL P        | Awarded. Fellowships only     | 2022/08/12 | 2025/08/11 | \$210,154   | \$210,154   | \$161,820   | \$74,284  |
| 4,818 | F31HD113433 | 5F31HD113433-02 | UNIVERSITY OF KANSAS MEDICAL CENTER      | Signaling at the Uterine Placental Interface   | SIMON, MIKAELA ELIZABETH   | Awarded. Fellowships only     | 2023/07/17 | 2027/07/16 | \$73,997    | \$73,997    | \$66,430    | \$37,752  |



|       |             |                   |  |  |                                |                               |            |            |             |             |           |           |
|-------|-------------|-------------------|--|--|--------------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 4,819 | FM1HL179761 | 1FM1HL179761-01   | UNIV OF NORTH CAROLINA<br>CHAPEL HILL      | MSPP Application   | ARCHIBALD, AHLINA              | Awarded. Fellowships only     | 2024/09/05 | 2028/06/30 | \$53,974    | \$53,974    | \$49,606  | \$53,974  |
| 4,820 | T32CA285257 | 5T32CA285257-02   | UNIV OF NORTH CAROLINA<br>CHAPEL HILL      | UNC Immunotherapy Training Grant (IM-TAG)  | SERODY, JONATHAN S             | Awarded. Non-fellowships only | 2023/09/15 | 2028/08/31 | \$346,739   | \$346,739   | \$248,549 | \$181,622 |
| 4,821 | T90AR085527 | 1T90AR085527-01   | UNIVERSITY OF FLORIDA                      | University of Florida Partnerships Across Interdisciplinary Networks: Training through Engineering, epidemiology & Addiction Medicine (UF PAIN TEAM) | CRUZ-ALMEIDA, YENISEL          | Awarded. Non-fellowships only | 2024/08/01 | 2029/07/31 | \$362,689   | \$362,689   | \$91,602  | \$362,689 |
| 4,822 | F31DA058416 | 5F31DA058416-02   | UNIVERSITY OF CALIFORNIA LOS<br>ANGELES    | Trends in Associations between Maternal Methamphetamine Use and Congenital Syphilis in Los Angeles County, 2011 through 2020                         | PARK, EUNHEE                   | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$86,332    | \$86,332    | \$66,551  | \$44,056  |
| 4,823 | F31HG013259 | 5F31HG013259-02   | DREXEL UNIVERSITY                          | Novel bioinformatics methods for integrative detection of structural variants from long-read sequencing  | PERDOMO, JONATHAN              | Awarded. Fellowships only     | 2023/09/15 | 2026/09/14 | \$96,668    | \$96,668    | \$82,159  | \$48,974  |
| 4,824 | F31NR020833 | 5F31NR020833-02   | UNIVERSITY OF WASHINGTON                   | Differences in Women and Men with Atrial Fibrillation  | FRAZIER, ELIZABETH             | Awarded. Fellowships only     | 2023/09/16 | 2026/03/15 | \$102,168   | \$102,168   | \$89,643  | \$51,974  |
| 4,825 | F30DE033587 | 5F30DE033587-02   | UNIVERSITY OF TEXAS HLTH SCIENCE<br>CENTER | Evaluation of Trigeminal Ganglia Sensory Neuronal Population/s Mediating MIF-Induced Anti-Nociception in a Model of Apical Periodontitis.            | MURILLO, JOSUE DE JESUS        | Awarded. Fellowships only     | 2023/12/01 | 2027/11/30 | \$107,702   | \$107,702   | \$62,635  | \$54,208  |
| 4,826 | F32NS138224 | 1F32NS138224-01   | DUKE UNIVERSITY                            | Human-specific splicing regulation in neurogenesis and disease   | MOSS, NICOLE D                 | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$73,828    | \$73,828    | \$20,476  | \$73,828  |
| 4,827 | F32NS138223 | 1F32NS138223-01   | MEDICAL COLLEGE OF WISCONSIN               | Mechanisms of Neuronal Excitability and Pain in Fabry Disease  | ENDERS, JONATHAN<br>DAVID      | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$73,828    | \$73,828    | \$46,938  | \$73,828  |
| 4,828 | F31DK137416 | 5F31DK137416-02   | UNIVERSITY OF ALABAMA AT<br>BIRMINGHAM     | Application of social cognitive theory to physical activity behavior among adults with Crohns disease  | NEAL, WHITNEY NICHELLE         | Awarded. Fellowships only     | 2023/12/04 | 2025/12/03 | \$80,734    | \$80,734    | \$49,877  | \$41,007  |
| 4,829 | F31CA284858 | 5F31CA284858-02   | WASHINGTON UNIVERSITY                      | Regulation of hematopoiesis during tumor progression   | EUL, EMILY M                   | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$96,668    | \$96,668    | \$32,354  | \$48,974  |
| 4,830 | F30MH134633 | 5F30MH134633-02   | UNIVERSITY OF CALIFORNIA LOS<br>ANGELES    | Investigating circuit-specific effects of high-frequency repetitive transcranial magnetic stimulation  | GONGWER, MICHAEL W             | Awarded. Fellowships only     | 2023/09/16 | 2025/09/15 | \$81,020    | \$81,020    | \$59,656  | \$41,244  |
| 4,831 | F31AR083279 | 5F31AR083279-02   | UNIVERSITY OF CALIFORNIA-IRVINE            | Disentangling the Epidermal Immune Crosstalk in Inflammatory Skin Disease  | MOSHENSKY, ALEXANDER           | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$88,929    | \$88,929    | \$72,621  | \$45,458  |
| 4,832 | F31MH133506 | 5F31MH133506-02   | UNIVERSITY OF CALIFORNIA, SAN<br>DIEGO     | Examining Social Determinants of Antiretroviral Adherence Trajectories among African American Adults with HIV  | SERRANO, VANESSA<br>BIANCA     | Awarded. Fellowships only     | 2023/08/01 | 2025/07/31 | \$81,352    | \$81,352    | \$40,036  | \$41,316  |
| 4,833 | T32AI078892 | 2T32AI078892-16A1 | ICAHN SCHOOL OF MEDICINE AT<br>MOUNT SINAI | Translational Immunology Training Program  | EDELBLUM, KAREN LEIGH          | Awarded. Non-fellowships only | 2008/08/01 | 2029/07/31 | \$398,113   | \$398,113   | \$47,718  | \$398,113 |
| 4,834 | F31AT012592 | 5F31AT012592-02   | CASE WESTERN RESERVE UNIVERSITY            | Developing Real-world Understanding of Medical Music therapy using the Electronic Health Record (DRUMMER)  | RODGERS-MELNICK,<br>SAMUEL     | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$96,668    | \$96,668    | \$42,120  | \$48,974  |
| 4,835 | T32NS115700 | 5T32NS115700-04   | RUTGERS BIOMEDICAL AND HEALTH<br>SCIENCES  | Training in Translating Neuroscience to Therapies  | MOURADIAN, M MARAL             | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,103,053 | \$1,024,006 | \$953,480 | \$262,922 |
| 4,836 | F30DE033287 | 5F30DE033287-02   | UNIVERSITY OF ILLINOIS AT<br>CHICAGO       | NG2/CSPG4 in Mandibular Endochondral Fracture Healing  | BANKS, JONATHAN<br>MATTHEW     | Awarded. Fellowships only     | 2023/09/01 | 2029/08/31 | \$108,268   | \$108,268   | \$78,928  | \$54,774  |
| 4,837 | F31DK132935 | 5F31DK132935-03   | BAYLOR COLLEGE OF MEDICINE                 | MBNL loss of function in visceral smooth muscle as a model of myotonic dystrophy type 1  | PETERSON, JANEL ANN<br>MERKEL  | Awarded. Fellowships only     | 2022/12/15 | 2025/12/14 | \$148,642   | \$148,642   | \$124,012 | \$51,974  |
| 4,838 | F31MD017957 | 5F31MD017957-03   | UNIVERSITY OF HOUSTON                      | Examining Perceived Familial and Self-Endorsement of Marianismo Cultural Script Discrepancies as Mental Health Risk Factors in Latina Americans      | MARTINEZ, ANJELICA<br>MERCEDES | Award terminated              | 2022/11/01 | 2025/10/31 | \$108,712   | \$108,712   | \$73,451  | \$36,978  |

|       |             |                 |   |  |                                   |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|--|-----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,839 | F30AI162222 | 5F30AI162222-04 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Single Cell Analysis of HIV-1 Latent reservoir establishment in Humanized Mice   | DOANMAN, DONALD                   | Awarded. Fellowships only     | 2021/11/24 | 2025/11/23 | \$200,634   | \$200,634   | \$168,559   | \$53,974  |
| 4,840 | F32NS131535 | 5F32NS131535-02 | RUTGERS, THE STATE UNIV OF N.J.         | Bringing the clinic to the lab: the effects of forced and non-forced rehabilitation on functional recovery after spinal cord injury        | EISDORFER, JACLYN T               | Awarded. Fellowships only     | 2023/09/01 | 2026/02/28 | \$148,764   | \$148,764   | \$98,720    | \$76,984  |
| 4,841 | T32CA251072 | 5T32CA251072-05 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Patient-Centered Outcomes Research Training in Urologic and Gynecologic Cancers (PCORT UroGynCan)  | LITWIN, MARK S                    | Awarded. Non-fellowships only | 2020/09/01 | 2025/08/31 | \$1,651,201 | \$1,651,201 | \$1,037,273 | \$298,621 |
| 4,842 | F31AI172352 | 5F31AI172352-02 | VANDERBILT UNIVERSITY                   | Clostridioides difficile nucleobase scavenging in the competitive gut environment  | MUNNEKE, MATTHEW                  | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$67,220    | \$67,220    | \$59,262    | \$34,250  |
| 4,843 | F31CA275326 | 5F31CA275326-03 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Defining a cross-primed anti-tumor T cell signature to guide immunotherapy development   | LUBITZ, GABRIELLE                 | Awarded. Fellowships only     | 2022/07/11 | 2025/07/10 | \$138,620   | \$138,620   | \$138,620   | \$47,374  |
| 4,844 | F30DC021092 | 5F30DC021092-02 | BOSTON UNIVERSITY MEDICAL CAMPUS        | Dynamic functional network connectivity and neuroplasticity in post-stroke aphasia   | FALCONER, ISAAC B                 | Awarded. Fellowships only     | 2023/08/18 | 2027/08/17 | \$106,668   | \$106,668   | \$38,945    | \$53,974  |
| 4,845 | F31CA275394 | 5F31CA275394-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Defining the mechanisms by which NuMA drives spindle mechanical robustness   | CHO, NATHAN                       | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$88,504    | \$88,504    | \$61,422    | \$44,892  |
| 4,846 | F31HD111285 | 5F31HD111285-02 | YALE UNIVERSITY                         | Rho GTPase regulation in trophoblasts by c-Jun N-terminalkinase signaling  | SONG, CLAIRE                      | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668    | \$96,668    | \$53,610    | \$48,974  |
| 4,847 | T90NS138001 | 1T90NS138001-01 | BRIGHAM AND WOMEN'S HOSPITAL            | Mass General Brigham Interdisciplinary Clinical Pain Research Training Program   | EDWARDS, ROBERT R                 | Awarded. Non-fellowships only | 2024/08/15 | 2029/07/31 | \$351,097   | \$351,097   | \$17,512    | \$351,097 |
| 4,848 | T34GM154618 | 1T34GM154618-01 | ROWAN UNIVERSITY                        | Bridges to the Baccalaureate: Cumberland Bridge to Rowan   | KRUFKA, ALISON                    | Awarded. Non-fellowships only | 2024/08/02 | 2029/07/31 | \$119,183   | \$119,183   | \$24,153    | \$119,183 |
| 4,849 | F32GM151856 | 5F32GM151856-02 | JACKSON LABORATORY                      | Transcriptomics compendia for the study of strain-level genetic diversity of the human skin microbiome                                     | DOING, GEORGIA                    | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$143,364   | \$143,364   | \$74,606    | \$74,284  |
| 4,850 | T32NR021294 | 1T32NR021294-01 | UNIVERSITY OF CALIFORNIA AT DAVIS       | Research to Advance Connected and Community Health Equity (ReACH Equity)   | SIMMONS, LEIGH ANN                | Awarded. Non-fellowships only | 2024/07/01 | 2029/06/30 | \$192,844   | \$192,844   | \$66,950    | \$192,844 |
| 4,851 | T32CA094880 | 5T32CA094880-22 | UNIVERSITY OF WASHINGTON                | Contributing Factors and Consequences of Cancer Health Disparities   | PHIPPS, AMANDA IRENE              | Awarded. Non-fellowships only | 2002/07/15 | 2028/08/31 | \$910,193   | \$910,193   | \$474,859   | \$506,977 |
| 4,852 | F32GM148049 | 5F32GM148049-03 | SALK INSTITUTE FOR BIOLOGICAL STUDIES   | Interrogating the Structural Basis of Nuclear Receptor Activation on Chromatin   | STRUTZENBERG, TIMOTHY SILAS       | Awarded. Fellowships only     | 2022/09/16 | 2025/09/15 | \$213,430   | \$213,430   | \$180,547   | \$76,756  |
| 4,853 | F31DC021625 | 5F31DC021625-02 | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Effects of age of acquisition and of community on argument ordering  | MILES, RACHEL ELIZABETH           | Awarded. Fellowships only     | 2023/09/30 | 2025/09/29 | \$81,852    | \$81,852    | \$62,619    | \$41,566  |
| 4,854 | F31CA281173 | 5F31CA281173-02 | YALE UNIVERSITY                         | Uncovering the Role of RNA Modifications in the Paraspeckle  | WILSON, LAUREN                    | Awarded. Fellowships only     | 2023/12/01 | 2025/11/30 | \$96,668    | \$96,668    | \$38,750    | \$48,974  |
| 4,855 | T32CA229102 | 5T32CA229102-07 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | Surgical Oncology Research Training Program  | CHEN, HERBERT                     | Awarded. Non-fellowships only | 2018/07/16 | 2028/08/31 | \$1,021,134 | \$1,021,134 | \$394,336   | \$508,185 |
| 4,856 | F31CA281117 | 5F31CA281117-02 | UNIVERSITY OF PENNSYLVANIA              | Differentiation-focused CRISPR Screen identifies LSD1 and Menin as combination therapy targets that induce terminal differentiation in AML | CARRERA RODRIGUEZ, MARIA FERNANDA | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$96,668    | \$96,668    | \$77,908    | \$48,974  |
| 4,857 | F31MH135698 | 5F31MH135698-02 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Frontocortical representations of amygdala-mediated learning under uncertainty   | ROMERO SOSA, JUAN LUIS            | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$81,336    | \$81,336    | \$38,063    | \$41,308  |
| 4,858 | F31MD018279 | 5F31MD018279-02 | UNIVERSITY OF CALIFORNIA RIVERSIDE      | The Role of Ethnic Racial Discrimination on the Development of Anxious Hypervigilance in Latina Youth                                      | MULLINS, JORDAN                   | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$79,042    | \$79,042    | \$47,996    | \$39,637  |
| 4,859 | F31DE032913 | 5F31DE032913-02 | STATE UNIVERSITY OF NEW YORK AT ALBANY  | Multispecies aggregates from human dental plaque nucleate highly diverse spatially structured oral biofilms on saliva coated surfaces      | LEMUS, ALEX                       | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$72,744    | \$72,744    | \$57,353    | \$37,019  |

|       |             |                 |   |   |                            |                               |            |            |             |             |             |           |
|-------|-------------|-----------------|---|---|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,860 | F30EY035128 | 5F30EY035128-02 | UNIVERSITY OF WISCONSIN-MADISON         | Mechanisms of neural compensation in the retina and dysfunction in congenital stationary night blindness                              | KHOUSSINE, JACOB OMAR      | Awarded. Fellowships only     | 2023/07/01 | 2026/06/30 | \$81,768    | \$81,768    | \$78,590    | \$40,706  |
| 4,861 | T32AI007306 | 2T32AI007306-39 | BRIGHAM AND WOMEN'S HOSPITAL            | Immunologic Basis of Resistance and Hypersensitivity  | BOYCE, JOSHUA A            | Awarded. Non-fellowships only | 1985/07/01 | 2029/07/31 | \$617,929   | \$617,929   | \$333,567   | \$617,929 |
| 4,862 | F30HL152564 | 5F30HL152564-05 | TEMPLE UNIV OF THE COMMONWEALTH         | The Role of Acetyl-CoA Metabolism in Epigenetic Regulation of Myofibroblast Differentiation   | LAZAROPOULOS, MICHAEL      | Awarded. Fellowships only     | 2020/09/01 | 2025/08/31 | \$203,969   | \$203,969   | \$162,421   | \$53,974  |
| 4,863 | T32AG000222 | 5T32AG000222-33 | HARVARD MEDICAL SCHOOL                  | Training in the Molecular Biology of Neurodegeneration and Alzheimers Disease   | YANKNER, BRUCE A           | Awarded. Non-fellowships only | 1992/09/30 | 2027/08/31 | \$2,847,854 | \$2,847,854 | \$1,998,461 | \$945,105 |
| 4,864 | F31HD102163 | 5F31HD102163-05 | ALBERT EINSTEIN COLLEGE OF MEDICINE     | The role of the amygdalohippocampal area in infant-directed aggression  | SEDWICK, VICTORIA MARIE    | Awarded. Fellowships only     | 2020/09/01 | 2025/08/31 | \$234,976   | \$234,976   | \$207,320   | \$48,974  |
| 4,865 | T32HL105349 | 5T32HL105349-15 | UNIVERSITY OF ALABAMA AT BIRMINGHAM     | UAB Pre-Doctoral Training Program in Obesity-Related Research   | GOWER, BARBARA A           | Awarded. Non-fellowships only | 2010/09/22 | 2025/07/31 | \$1,839,376 | \$1,839,376 | \$1,652,535 | \$277,375 |
| 4,866 | T32AG071745 | 5T32AG071745-04 | GEORGETOWN UNIVERSITY                   | Aging and Alzheimers Research Training  | REBECK, G WILLIAM          | Awarded. Non-fellowships only | 2021/09/15 | 2026/08/31 | \$1,769,591 | \$1,769,591 | \$1,160,444 | \$532,797 |
| 4,867 | F32CA284615 | 5F32CA284615-02 | BRIGHAM AND WOMEN'S HOSPITAL            | Dual targeting of cGAS-STING and splicing to prime lung cancer immunogenicity   | GEDEON, PATRICK C          | Awarded. Fellowships only     | 2023/07/17 | 2025/07/16 | \$159,984   | \$159,984   | \$67,850    | \$83,932  |
| 4,868 | T32HL007446 | 5T32HL007446-43 | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER | Pathobiology of Occlusive Vascular Disease  | BOPASSA, JEAN CHRISTOSTOME | Awarded. Non-fellowships only | 1990/07/01 | 2027/08/31 | \$1,317,198 | \$1,317,198 | \$1,083,266 | \$541,186 |
| 4,869 | F31AG079626 | 5F31AG079626-03 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Preventing Age-Associated Oocyte Aneuploidy: Mechanisms Behind the Drosophila melanogaster Centromere Effect                          | PAZHAYAM, NILA MADASSARY   | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$117,992   | \$117,992   | \$100,500   | \$40,721  |
| 4,870 | F30HL162200 | 5F30HL162200-03 | TUFTS UNIVERSITY BOSTON                 | Comparing the role of MyD88 and TRIF in T-cell effector function and the development of heart failure                                 | BAYER, ABRAHAM             | Awarded. Fellowships only     | 2022/09/01 | 2027/07/31 | \$130,658   | \$130,658   | \$120,353   | \$44,720  |
| 4,871 | T35DK111373 | 5T35DK111373-09 | CASE WESTERN RESERVE UNIVERSITY         | The Case Medical Student Summer Research Program (MSSRP)  | COMINELLI, FABIO           | Awarded. Non-fellowships only | 2016/09/09 | 2026/08/31 | \$311,699   | \$311,699   | \$222,669   | \$89,030  |
| 4,872 | F32GM150211 | 5F32GM150211-02 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | Peptide-Conjugated Palladium Oxidative Addition Complexes for Site-Selective Arylation Chemistry                                      | KUTATELADZE, DENNIS A      | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$143,364   | \$143,364   | \$110,200   | \$74,284  |
| 4,873 | F31HL160109 | 5F31HL160109-03 | UNIVERSITY OF VIRGINIA                  | Sexual dimorphism in antigen-independent angiogenesis inhibition of IgG1 antibodies   | ARGYLE, DIONNE ALEXIS      | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$110,009   | \$110,009   | \$80,883    | \$37,837  |
| 4,874 | T32CA009531 | 5T32CA009531-38 | WAYNE STATE UNIVERSITY                  | Training Program in the Biology of Cancer   | MATHERLY, LARRY H          | Awarded. Non-fellowships only | 1985/09/01 | 2027/08/31 | \$566,644   | \$566,644   | \$479,121   | \$204,976 |
| 4,875 | F31CA284576 | 5F31CA284576-02 | WAYNE STATE UNIVERSITY                  | ATF4-SCD axis in bone metastatic prostate cancer  | WILSON, ALEXIS RYLEE       | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$91,788    | \$91,788    | \$62,755    | \$46,534  |
| 4,876 | F31HD111353 | 5F31HD111353-02 | DREXEL UNIVERSITY                       | Integrating spatial and non-spatial data to examine multilevel drivers of HIV risk among adolescent mothers in sub-Saharan Africa     | GEBREKRISTOS, LUWAM T      | Awarded. Fellowships only     | 2023/06/01 | 2025/05/31 | \$74,268    | \$74,268    | \$65,223    | \$32,974  |
| 4,877 | T32CA118681 | 5T32CA118681-18 | STANFORD UNIVERSITY                     | Stanford Molecular Imaging Scholars (SMIS) Program  | LEVIN, CRAIG S             | Awarded. Non-fellowships only | 2016/09/01 | 2027/08/31 | \$1,364,492 | \$1,364,492 | \$894,936   | \$584,648 |
| 4,878 | F30CA284515 | 5F30CA284515-02 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Dissecting the role of GPR34 in cDC1 migration and function   | TAM, HANSON PETER          | Awarded. Fellowships only     | 2023/09/01 | 2027/08/31 | \$81,125    | \$81,125    | \$65,992    | \$41,324  |
| 4,879 | F31AI176750 | 5F31AI176750-02 | UNIVERSITY OF MINNESOTA                 | Secondary Lymphoid Organ Resident Memory T cells  | O'FLANAGAN, STEPHEN D      | Awarded. Fellowships only     | 2023/09/01 | 2025/08/31 | \$69,160    | \$69,160    | \$57,056    | \$35,327  |
| 4,880 | F30AI179084 | 5F30AI179084-02 | MEDICAL COLLEGE OF WISCONSIN            | Bottom-up and top-down computational modeling approaches to study CMV retinitis   | MONTI, CHRISTOPHER E       | Awarded. Fellowships only     | 2023/07/26 | 2027/07/25 | \$106,668   | \$106,668   | \$86,645    | \$53,974  |
| 4,881 | F31NS134222 | 5F31NS134222-02 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Probing an increased reliance on reticulospinal motor pathways in chronic hemiparetic stroke with advanced spinal cord functional MRI | HEMMERLING, KIMBERLY JIYUN | Awarded. Fellowships only     | 2023/09/01 | 2026/02/28 | \$88,803    | \$88,803    | \$42,248    | \$45,336  |

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|-------|-------------|-------------------|--|--|----------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,882 | F31AI179201 | 5F31AI179201-02   | UNIVERSITY OF CALIFORNIA SANTA CRUZ      | Identification and characterization of small open reading frames translated during inflammation              | MALEKOS, ERIC              | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$88,392    | \$88,392    | \$68,809    | \$44,836  |
| 4,883 | F30NS131053 | 5F30NS131053-02   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR  | Sex differences in the effects of prior social isolation stress on stroke outcomes                           | ZARDENETA, MACY            | Awarded. Fellowships only     | 2023/09/01 | 2028/08/31 | \$73,856    | \$73,856    | \$63,254    | \$37,568  |
| 4,884 | F31AG081095 | 5F31AG081095-02   | BAYLOR COLLEGE OF MEDICINE               | Investigating neuropeptide signals that slow cognitive aging in C. elegans                                   | LEPTICH, EMILY JEAN        | Awarded. Fellowships only     | 2023/08/07 | 2026/08/06 | \$96,668    | \$96,668    | \$70,485    | \$48,974  |
| 4,885 | F32MH130106 | 5F32MH130106-03   | UNIVERSITY OF MARYLAND BALTIMORE         | Mechanisms of cell adhesion molecule LRRTM2 in basal and potentiated synaptic signaling                      | POLLITT, STEPHANIE LYNN    | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$218,266   | \$218,266   | \$173,826   | \$78,892  |
| 4,886 | F32HL164050 | 5F32HL164050-03   | NORTHWESTERN UNIVERSITY                  | Neighborhood-level Structural Racism and Cardiovascular Health Among African American Youth and Young Adults | CHEN, MICHELLE A           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$218,154   | \$218,154   | \$177,181   | \$77,284  |
| 4,887 | F30HL165836 | 5F30HL165836-03   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Peptide-Mediated Enhancement of Akt During Resuscitation and Reperfusion                                     | JUSTICE, CODY NICHOLAS     | Awarded. Fellowships only     | 2022/09/30 | 2025/12/29 | \$158,420   | \$158,420   | \$108,844   | \$53,974  |
| 4,888 | F30NS129239 | 5F30NS129239-02   | WAYNE STATE UNIVERSITY                   | Intraoperative Localization of Epileptic Brain Regions Under Sevoflurane Anesthesia.                         | FIRESTONE, ETHAN JOSEPH    | Awarded. Fellowships only     | 2023/07/10 | 2025/07/09 | \$101,366   | \$101,366   | \$64,547    | \$53,974  |
| 4,889 | F32AI181619 | 1F32AI181619-01A1 | UNIVERSITY OF ROCHESTER                  | Evaluating the role of monocytes in the development of an effective HIV vaccine response                     | SIMPSON, RACHEL MARIE      | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$85,864    | \$85,864    | \$65,299    | \$85,864  |
| 4,890 | T32CA009213 | 5T32CA009213-45   | UNIVERSITY OF ARIZONA                    | Integrative Cancer Scholars Training Grant   | CAREW, JENNIFER S          | Awarded. Non-fellowships only | 1983/09/01 | 2025/08/31 | \$1,371,008 | \$1,371,008 | \$1,255,514 | \$287,821 |
| 4,891 | F31NR020856 | 5F31NR020856-02   | VANDERBILT UNIVERSITY                    | Informatics Resources for Social Determinants of Health in School-Based Health Centers                       | BORKOWSKI, VERA            | Awarded. Fellowships only     | 2023/09/08 | 2026/09/07 | \$84,321    | \$84,321    | \$53,761    | \$41,117  |
| 4,892 | F31DE032574 | 5F31DE032574-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Intracellular pH Dynamics in Zebrafish Cranial Neural Crest Development                                      | CHOU-FREED, CAMBRIA        | Awarded. Fellowships only     | 2022/09/05 | 2025/09/04 | \$135,760   | \$135,760   | \$122,818   | \$47,042  |
| 4,893 | T32CA092408 | 5T32CA092408-23   | UNIVERSITY OF WASHINGTON                 | Biobehavioral Cancer Prevention and Control Training Program (BCPT)  | HANNON, MARGARET A         | Awarded. Non-fellowships only | 2001/09/01 | 2027/08/31 | \$524,424   | \$524,424   | \$505,968   | \$151,238 |
| 4,894 | T32AG000270 | 5T32AG000270-24   | UNIVERSITY OF TEXAS MED BR GALVESTON     | Health of Older Minorities   | DOWNER, BRIAN GREGORY      | Awarded. Non-fellowships only | 1999/08/01 | 2028/08/31 | \$431,655   | \$431,655   | \$188,638   | \$221,452 |
| 4,895 | F32HL170997 | 5F32HL170997-02   | SWARTHMORE COLLEGE                       | Revealing the mechanisms of neural-mediated cardiac proliferation in Ciona robusta                           | GRUNER, HANNAH             | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$159,984   | \$159,984   | \$121,674   | \$83,932  |
| 4,896 | F32HL167556 | 5F32HL167556-02   | UT SOUTHWESTERN MEDICAL CENTER           | Lower Leg Heat Therapy in Older, Hypertensive Women to Improve Blood Pressure and Cognition                  | AKINS, JOHN DAVID          | Awarded. Fellowships only     | 2023/09/11 | 2026/09/10 | \$146,256   | \$146,256   | \$106,258   | \$76,756  |
| 4,897 | F31HL165914 | 5F31HL165914-03   | BAYLOR COLLEGE OF MEDICINE               | AP-1 as a transcriptional regulator of AT2 cell reversible activation during lung injury response            | LYNCH, ANNE                | Awarded. Fellowships only     | 2022/09/20 | 2025/09/19 | \$143,420   | \$143,420   | \$8,932     | \$48,974  |
| 4,898 | F31AG081066 | 5F31AG081066-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Examining Sleep, Circadian Rhythms, and Cognitive Functioning in Older Adults at Risk of Dementia            | MCDOWELL, CELINA F         | Awarded. Fellowships only     | 2023/07/01 | 2027/06/30 | \$75,150    | \$75,150    | \$36,798    | \$38,352  |
| 4,899 | T35DK131960 | 5T35DK131960-03   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Short-Term Research Training Program in NIDDK Mission Areas  | LASH, JAMES P              | Awarded. Non-fellowships only | 2022/09/01 | 2027/08/31 | \$227,844   | \$227,844   | \$142,365   | \$59,240  |
| 4,900 | F31MH134521 | 5F31MH134521-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES     | Neural Basis of Inter-brain Synchrony during Social Interaction in Health and Disease                        | PHI, NGUYEN THANH          | Awarded. Fellowships only     | 2023/09/30 | 2026/09/29 | \$83,868    | \$83,868    | \$67,572    | \$42,574  |
| 4,901 | F32HL170583 | 5F32HL170583-02   | UNIVERSITY OF PENNSYLVANIA               | Microtubule-mediated tRNA localization in cardiac homeostasis and hypertrophy                                | PETROSINO, JENNIFER MORGAN | Awarded. Fellowships only     | 2023/08/07 | 2025/08/06 | \$143,364   | \$143,364   | \$120,624   | \$74,284  |
| 4,902 | F32NS124758 | 5F32NS124758-03   | UNIVERSITY OF FLORIDA                    | Elucidating transsynaptic regulation of metabotropic glutamate receptors                                     | LUDLAM, WILLIAM GRANT      | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$214,902   | \$214,902   | \$167,412   | \$74,284  |
| 4,903 | F32HD116572 | 1F32HD116572-01   | PRINCETON UNIVERSITY                     | Neural and behavioral mechanisms of controllability in infants and toddlers language development             | ELMLINGER, STEVEN          | Awarded. Fellowships only     | 2024/09/15 | 2027/03/31 | \$73,828    | \$73,828    | \$45,895    | \$73,828  |
| 4,904 | F30HL172468 | 1F30HL172468-01A1 | BAYLOR COLLEGE OF MEDICINE               | Cellular Interactions and Competition in Clonal Hematopoiesis  | THATAVARTY, APOORVA        | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$49,821    | \$49,821    | \$16,476    | \$49,821  |

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|-------|-------------|-------------------|--|---|---------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 4,905 | F30HL176078 | 1F30HL176078-01   | UNIVERSITY OF ILLINOIS AT CHICAGO        | Developing a Novel Algorithm to Infer Cellular Trajectories from Single-Cell RNA Sequencing Data in Hematopoiesis                                       | FARHAT, ALI MOHAMAD       | Awarded. Fellowships only     | 2024/09/30 | 2028/09/29 | \$53,974    | \$53,974    | \$23,084  | \$53,974  |
| 4,906 | F30CA284896 | 5F30CA284896-02   | OHIO STATE UNIVERSITY                    | The roles of AP-1 pathway activation in NK cell development and exhaustion programming in AML   | JEREMY, ERIN G            | Awarded. Fellowships only     | 2023/09/01 | 2028/08/31 | \$85,294    | \$85,294    | \$53,082  | \$43,287  |
| 4,907 | T32HL170968 | 5T32HL170968-02   | UNIVERSITY OF PENNSYLVANIA               | Training Program in Chronobiology, Sleep and Sleep Disorders  | RAIZEN, DAVID MENASSAH    | Awarded. Non-fellowships only | 2024/01/01 | 2028/12/31 | \$1,597,351 | \$1,597,351 | \$642,118 | \$828,283 |
| 4,908 | F31CA295013 | 1F31CA295013-01   | BAYLOR COLLEGE OF MEDICINE               | Wnt-driven adhesion and extracellular matrix dynamics in breast cancer metastasis   | MENDOZA MENDOZA, ERIKA    | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$48,974    | \$48,974    | \$16,763  | \$48,974  |
| 4,909 | F31AG090048 | 1F31AG090048-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Multidimensional Features of Socioeconomic Status, Brain Age, and the Potential Mediating Role of Cardiometabolic Health Among Mid and Late Life Adults | DRAKE, JERMON             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$48,974    | \$48,974    | \$33,211  | \$48,974  |
| 4,910 | F31DC020060 | 5F31DC020060-02   | UNIVERSITY OF WASHINGTON                 | Molecular and functional characterization of type I and II vestibular hair cells in adult mice  | CIANI, AMANDA NICHOLE     | Awarded. Fellowships only     | 2023/07/06 | 2025/06/30 | \$96,668    | \$96,668    | \$96,668  | \$48,974  |
| 4,911 | F32HD114452 | 5F32HD114452-02   | UNIVERSITY OF CALIFORNIA-IRVINE          | Evaluating pain communication and understanding in interpreted medical encounters in a pediatric emergency department                                   | LIM, PAULINA              | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$156,236   | \$156,236   | \$85,324  | \$78,328  |
| 4,912 | F31MH131246 | 5F31MH131246-03   | YALE UNIVERSITY                          | Neurobiological markers of risk and resilience for psychopathology in youth at familial risk for mood disorders   | HOLT-GOSSELIN, BAILEY     | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$128,790   | \$128,790   | \$102,616 | \$33,984  |
| 4,913 | F30MH135628 | 1F30MH135628-01A1 | UNIVERSITY OF CONNECTICUT SCH OF MED/DNT | The Molecular Role of C1QL3 and its Binding Partners in Synaptic Regulation   | CARO, KEAVEN DELWYN JACOB | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$45,419    | \$45,419    | \$43,207  | \$45,419  |
| 4,914 | F32HL176076 | 1F32HL176076-01   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | Cardiometabolic disease and vascular aging: Klotho regulation of medial arterial calcification  | LIU, IRIS                 | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$79,756    | \$79,756    | \$30,187  | \$79,756  |
| 4,915 | F31AI181502 | 1F31AI181502-01A1 | SLOAN-KETTERING INST CAN RESEARCH        | Investigating the role of L-2-hydroxyglutarate in helper T cell differentiation and function  | MCNAMARA, THOMAS FRANCIS  | Awarded. Fellowships only     | 2024/08/05 | 2026/08/04 | \$48,974    | \$48,974    | \$9,194   | \$48,974  |
| 4,916 | F31EY035167 | 5F31EY035167-02   | VANDERBILT UNIVERSITY                    | Neural Correlates of Auditory, Visual, and Audiovisual Motion Perception in Macaque Extrastriate Cortex   | SCHOENHAUT, ADRIANA       | Awarded. Fellowships only     | 2023/09/30 | 2026/07/29 | \$67,310    | \$67,310    | \$49,336  | \$34,295  |
| 4,917 | F31HL164032 | 5F31HL164032-03   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Free-living and in-lab effects of sedentary time on cardiac autonomic nervous system function in youth with overweight/obesity                          | MCALister, KELSEY LYNN    | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$142,342   | \$142,342   | \$59,988  | \$47,874  |
| 4,918 | F32NS131218 | 5F32NS131218-02   | UNIVERSITY OF PENNSYLVANIA               | RNA helicases to combat RNA phase transitions in repeat expansion disorders   | MILLER, LINAMARIE         | Awarded. Fellowships only     | 2023/12/01 | 2026/06/30 | \$137,764   | \$137,764   | \$95,832  | \$69,080  |
| 4,919 | F32EY034378 | 5F32EY034378-03   | JOHNS HOPKINS UNIVERSITY                 | Hedgehog Signaling Coordinates Stochastic and Stereotyped Patterns in the Drosophila Eye  | ORDWAY, ALISON J          | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$218,214   | \$218,214   | \$131,196 | \$76,756  |
| 4,920 | F31NS139629 | 1F31NS139629-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | The Role of Neutrophil Heterogeneity and Molecular Mechanisms in Driving ALS  | BAIRD, LILLIA             | Awarded. Fellowships only     | 2024/07/01 | 2027/06/30 | \$43,051    | \$43,051    | \$39,547  | \$43,051  |
| 4,921 | F31HL176148 | 1F31HL176148-01   | EMORY UNIVERSITY                         | Arterial Cell Reprogramming by Disturbed Flow and Hypercholesterolemia  | PARK, CHRISTIAN           | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$48,974    | \$48,974    | \$25,331  | \$48,974  |
| 4,922 | T32HL166113 | 5T32HL166113-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Surgeon Scientist Training in Cardiac Diseases  | CHEN, YUQING EUGENE       | Awarded. Non-fellowships only | 2023/01/01 | 2027/12/31 | \$986,774   | \$986,774   | \$500,479 | \$391,201 |
| 4,923 | F31HD113512 | 5F31HD113512-02   | TEMPLE UNIV OF THE COMMONWEALTH          | Neural Mechanisms Promoting Biased Social Memories in Intergenerational Childhood Abuse   | JOHNSTON, CAMILLE ROSE    | Awarded. Fellowships only     | 2023/11/01 | 2025/10/31 | \$68,082    | \$68,082    | \$45,318  | \$34,681  |
| 4,924 | F31AG090079 | 1F31AG090079-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH   | Investigating Cellular Neighborhoods and Tissue Architecture in White Matter Hyperintensities   | JULIAN, DANA              | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974    | \$48,974    | \$21,574  | \$48,974  |
| 4,925 | T32HL170991 | 5T32HL170991-02   | BAYLOR COLLEGE OF MEDICINE               | BCM-Respiratory Research Training   | KHERADMAND, FARRAH        | Awarded. Non-fellowships only | 2024/01/01 | 2028/12/31 | \$598,193   | \$598,193   | \$203,639 | \$301,857 |

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|-------|-------------|-------------------|--|---|----------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 4,926 | F31ES035256 | 5F31ES035256-02   | RUTGERS BIOMEDICAL AND HEALTH SCIENCES | Uteroplacental Vasculature and Fetal Growth after Plastic Particle Exposure   | CARY, CHELSEA              | Awarded. Fellowships only | 2023/09/01 | 2025/12/31 | \$87,094  | \$87,094  | \$52,173  | \$44,187 |
| 4,927 | F31HD108843 | 5F31HD108843-03   | UNIVERSITY OF GEORGIA                  | Utilizing Causal X-Linked Intellectual Disability Variants to Gain Insight into the O-GlcNAc Transferase Enzyme                                   | MAYFIELD, JOHNATHAN MARTIN | Awarded. Fellowships only | 2023/01/01 | 2025/12/31 | \$144,700 | \$144,700 | \$102,349 | \$48,974 |
| 4,928 | F30MD019191 | 5F30MD019191-02   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH | Impacts of the Pennsylvania Rural Health Model on Health Care Access and Utilization  | BOURNE, DONALD SPENCER     | Awarded. Fellowships only | 2023/11/01 | 2025/10/31 | \$106,668 | \$106,668 | \$80,480  | \$53,974 |
| 4,929 | F30DK138711 | 1F30DK138711-01A1 | DARTMOUTH COLLEGE                      | Associations of GLP-1-related genotypes with appetitive traits, food cue reactivity, and prospective weight gain in pre-adolescence               | RENIER, TIMOTHY J          | Awarded. Fellowships only | 2024/09/01 | 2028/08/31 | \$53,774  | \$53,774  | \$20,026  | \$53,774 |
| 4,930 | F30GM156092 | 1F30GM156092-01   | CALIFORNIA INSTITUTE OF TECHNOLOGY     | Coordination of gene expression and molecular function in known pathways  | MARKARIAN, NICHOLAS        | Awarded. Fellowships only | 2025/02/15 | 2028/02/14 | \$53,974  | \$53,974  | \$4,704   | \$53,974 |
| 4,931 | F31DC021881 | 5F31DC021881-02   | UNIVERSITY OF FLORIDA                  | Exploring the Biophysical Landscape of Tip Density Biomolecular Condensates in Mechanosensory Stereocilia   | MORELAND, ZANE G           | Awarded. Fellowships only | 2024/01/05 | 2026/12/31 | \$86,764  | \$86,764  | \$54,571  | \$43,382 |
| 4,932 | F31CA295026 | 1F31CA295026-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES   | Deciphering inv3/t(3;3) Myeloid Leukemia Vulnerabilities via Proteogenomics and N-terminal Proteomics   | TURMON, ALEXANDRA CHLOE    | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$44,731  | \$44,731  | \$32,252  | \$44,731 |
| 4,933 | F30CA295084 | 1F30CA295084-01   | UNIVERSITY OF CALIFORNIA LOS ANGELES   | Brain microenviornment-dependent lineage plasticity drives adaptation to targeted therapy in malignant gliomas                                    | CADET, DIMITRI             | Awarded. Fellowships only | 2024/07/01 | 2028/06/30 | \$41,328  | \$41,328  | \$34,272  | \$41,328 |
| 4,934 | F31AA031626 | 1F31AA031626-01A1 | UNIVERSITY OF NEBRASKA LINCOLN         | A Daily Assessment of Restricted Food Consumption and Alcohol Intoxication as Predictors of Sexual Violence                                       | BAILDON, AMANDA ELIZABETH  | Awarded. Fellowships only | 2025/01/01 | 2026/07/01 | \$48,974  | \$48,974  | \$14,459  | \$48,974 |
| 4,935 | F31HL176142 | 1F31HL176142-01   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Mechanism of Intracellular ANGPTL3 and ANGPTL8 Trafficking  | SO, CHRISTINA              | Awarded. Fellowships only | 2024/09/30 | 2026/09/29 | \$40,064  | \$40,064  | \$23,883  | \$40,064 |
| 4,936 | F32HL176073 | 1F32HL176073-01   | UNIVERSITY OF COLORADO                 | Identifying the Role of Fibroblast-Macrophage Crosstalk in Aortic Valve Stenosis Sexual Dimorphism  | KHANG, ALEX                | Awarded. Fellowships only | 2024/08/01 | 2025/07/31 | \$74,284  | \$74,284  | \$46,710  | \$74,284 |
| 4,937 | F31NR021349 | 1F31NR021349-01   | UNIV OF NORTH CAROLINA CHAPEL HILL     | Exploring Work Accommodations for Low-Wage Workers with Chronic Pain-Related Conditions: A Multi-Level Explanatory Sequential Mixed-Methods Study | MCARTHUR, RANDI            | Awarded. Fellowships only | 2024/08/15 | 2026/08/14 | \$37,461  | \$37,461  | \$25,655  | \$37,461 |
| 4,938 | F31DE034754 | 1F31DE034754-01A1 | UNIVERSITY OF DELAWARE                 | Psychosocial Predictors of Health Behaviors and Outcomes in Patients with Human Papillomavirus (HPV) Positive Head and Neck Cancer                | FENECH, ALYSSA LORRAINE    | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$46,459  | \$46,459  | \$3,366   | \$46,459 |
| 4,939 | F30AI176917 | 5F30AI176917-02   | STANFORD UNIVERSITY                    | Development and characterization of germline-targeted nanoparticle immunogens toward a novel HIV Env epitope                                      | CARTER, JOSH               | Awarded. Fellowships only | 2024/01/16 | 2027/01/15 | \$89,724  | \$89,724  | \$53,574  | \$44,862 |
| 4,940 | F31DC022195 | 1F31DC022195-01   | JOHNS HOPKINS UNIVERSITY               | Plasticity of Layer 6 corticothalamic pyramidal cell circuits in the adult primary auditory cortex following visual deprivation                   | COLLINS, ANTHONY TYRONE    | Awarded. Fellowships only | 2025/01/01 | 2027/12/31 | \$48,974  | \$48,974  | \$9,408   | \$48,974 |
| 4,941 | F31HL170921 | 1F31HL170921-01A1 | HARVARD UNIVERSITY                     | Using a novel model system to explore the causes and consequences of altered sleep need during pregnancy  | GLANTZ, ETHAN              | Awarded. Fellowships only | 2024/12/01 | 2026/11/30 | \$36,138  | \$36,138  | \$15,443  | \$36,138 |
| 4,942 | F31CA288055 | 1F31CA288055-01A1 | UNIVERSITY OF UTAH                     | Quantitative magnetic resonance imaging for non-invasive breast cancer therapy using physics-informed neural networks.                            | ADAMS, SAMUEL IAN          | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$40,857  | \$40,857  | \$21,272  | \$40,857 |



|       |             |                   |  |   |                        |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 4,943 | F31DK141224 | 1F31DK141224-01   | VANDERBILT UNIVERSITY                    | Evolution of B Lymphocyte Insulin Autoantigen Recognition in Type 1 Diabetes  | BASS, LINDSAY EMMA     | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$34,295    | \$34,295    | \$21,670    | \$34,295  |
| 4,944 | T32HL171799 | 5T32HL171799-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | CardiOvascular Digital hEalth Research (CODER) Training Program   | MCMANUS, DAVID D       | Awarded. Non-fellowships only | 2024/01/01 | 2028/12/31 | \$501,917   | \$501,917   | \$88,570    | \$303,286 |
| 4,945 | F31AG086073 | 1F31AG086073-01A1 | YALE UNIVERSITY                          | Influences of Stigma and Social Support on Cognitive Function Among Older Women Living with Human Immunodeficiency Virus                        | VU, THI                | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$48,974    | \$48,974    | \$30,976    | \$48,974  |
| 4,946 | F30HL176087 | 1F30HL176087-01   | UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR | The Role of Lymphatic Endothelial Cell- Expressed Sphingosine-1-Phosphate Receptor 1 on Immune Cell Trafficking and Response to Influenza Virus | LABOMBARDE, JOCELYN    | Awarded. Fellowships only     | 2024/09/03 | 2028/09/02 | \$46,051    | \$46,051    | \$17,084    | \$46,051  |
| 4,947 | F31CA295067 | 1F31CA295067-01   | UNIVERSITY OF VIRGINIA                   | Engineering Focused Ultrasound-Mediated Gene Delivery Platforms for Glioblastoma  | DEBSKI, ANNA COLLEEN   | Awarded. Fellowships only     | 2024/07/01 | 2026/06/30 | \$40,769    | \$40,769    | \$33,288    | \$40,769  |
| 4,948 | F31AR083833 | 1F31AR083833-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL       | Stressful life events confer risk for chronic posttraumatic musculoskeletal pain through DNA methylation changes at the POMC promoter           | BRANHAM, ERICA MARIE   | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$40,418    | \$40,418    | \$18,390    | \$40,418  |
| 4,949 | F31HL176167 | 1F31HL176167-01   | UNIV OF NORTH CAROLINA CHAPEL HILL       | Understanding the Genetic Contributions to Variation in Ozone Exposure Response   | LESTER, SARAH ANN      | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$40,064    | \$40,064    | \$28,152    | \$40,064  |
| 4,950 | F31ES036878 | 1F31ES036878-01   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Understanding the Role of Ulp1 as a clock for heterochromatin repair  | BUTOVA, NADEJDA        | Awarded. Fellowships only     | 2024/08/05 | 2027/08/04 | \$45,171    | \$45,171    | \$30,584    | \$45,171  |
| 4,951 | F32HD116568 | 1F32HD116568-01   | UNIVERSITY OF COLORADO                   | Defining the link between trisomy 21 and placentation defects   | LOGSDON, DEIRDRE       | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$76,408    | \$76,408    | \$20,636    | \$76,408  |
| 4,952 | F30AG081100 | 5F30AG081100-03   | WASHINGTON UNIVERSITY                    | Elucidating roles of microglial lipid droplets in neurodegeneration   | TABOR, GEORGE TRAVIS   | Awarded. Fellowships only     | 2023/01/01 | 2025/12/31 | \$122,546   | \$122,546   | \$77,993    | \$53,974  |
| 4,953 | F31HL176178 | 1F31HL176178-01   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | A single prime editing strategy for correcting diverse mutations responsible for RBM20-associated dilated cardiomyopathy                        | GASTON, NICHOLAS       | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$33,806    | \$33,806    | \$18,818    | \$33,806  |
| 4,954 | F31HL176165 | 1F31HL176165-01   | UNIVERSITY OF SOUTHERN CALIFORNIA        | Within-person compositional analysis of 24-Hour Activity Cycle behaviors and circadian metrics related to cardiovascular disease.               | LYONS, RACHEL CROSBY   | Awarded. Fellowships only     | 2024/09/05 | 2027/09/04 | \$48,974    | \$48,974    | \$43,622    | \$48,974  |
| 4,955 | TL1TR001447 | 5TL1TR001447-10   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | NRSA Training Core  | MICOLI, KEITH J        | Awarded. Non-fellowships only | 2015/08/18 | 2025/12/31 | \$3,139,971 | \$3,139,971 | \$2,636,584 | \$748,376 |
| 4,956 | F31DE033292 | 5F31DE033292-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Elucidating mechanisms of cellular communication critical for head and neck cancer progression and metastasis.                                  | KROEHLING, LINA        | Awarded. Fellowships only     | 2023/11/01 | 2026/10/31 | \$85,468    | \$85,468    | \$36,571    | \$43,374  |
| 4,957 | F32AA031430 | 5F32AA031430-02   | UNIVERSITY OF KANSAS MEDICAL CENTER      | The Effect of Alcohol and High Fat Diet on Kupffer Cell Function  | YUQUIMPO, KYLE         | Awarded. Fellowships only     | 2024/02/25 | 2027/02/24 | \$153,948   | \$153,948   | \$74,492    | \$79,456  |
| 4,958 | F30DE033914 | 1F30DE033914-01A1 | MEDICAL UNIVERSITY OF SOUTH CAROLINA     | Optimizing Ice-free Cryopreservation for Efficient Banking of Fresh TMJ Disc Allografts   | MUELLER, DUSTIN        | Awarded. Fellowships only     | 2025/01/31 | 2026/01/30 | \$57,774    | \$57,774    | \$13,554    | \$57,774  |
| 4,959 | F30HL176177 | 1F30HL176177-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Artificial Intelligence for Determining Genetic Risk of Sudden Cardiac Arrest using the Electrocardiogram                                       | JIANG, JOY             | Awarded. Fellowships only     | 2024/09/30 | 2027/09/29 | \$49,474    | \$49,474    | \$0         | \$49,474  |
| 4,960 | F31HL176164 | 1F31HL176164-01   | UNIVERSITY OF OREGON                     | Development of affinity-based delivery systems for angiogenic growth factors  | SVENDSEN, JUSTIN E     | Awarded. Fellowships only     | 2024/08/20 | 2027/08/19 | \$48,366    | \$48,366    | \$20,641    | \$48,366  |
| 4,961 | F32DK141209 | 1F32DK141209-01   | STANFORD UNIVERSITY                      | Optimized bone marrow conditioning and tolerance assays to advance cell-based therapies for diabetes  | RAMOS, STEPHAN ANTHONY | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$74,284    | \$74,284    | \$51,676    | \$74,284  |
| 4,962 | F31HL167530 | 5F31HL167530-03   | COLUMBIA UNIVERSITY HEALTH SCIENCES      | Leveraging CRISPR RNA-guided DNA Transposases for Gene Insertion at the CFTR Locus  | KING, REBECA TERESA    | Awarded. Fellowships only     | 2023/02/01 | 2027/01/31 | \$152,586   | \$152,586   | \$95,903    | \$53,974  |



|       |             |                   |                                       |   |                             |                               |            |            |             |             |           |           |
|-------|-------------|-------------------|---------------------------------------|---|-----------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 4,963 | T32AI165396 | 5T32AI165396-04   | CINCINNATI CHILDRENS HOSP MED CTR     | Vaccinology Training Program  | SPEARMAN, PAUL W            | Awarded. Non-fellowships only | 2022/02/09 | 2027/01/31 | \$1,069,939 | \$1,069,939 | \$551,158 | \$252,313 |
| 4,964 | F31MH133362 | 5F31MH133362-02   | UNIVERSITY OF CALIFORNIA, SAN DIEGO   | Computational and neural signatures of interoceptive learning in anorexia nervosa   | BROWN, CARINA SAMANTHA      | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$82,110    | \$82,110    | \$53,899  | \$41,695  |
| 4,965 | F30NS130973 | 5F30NS130973-03   | THOMAS JEFFERSON UNIVERSITY           | Determining the cellular and nanoscale localization of Synaptotagmin VII  | CAIN, RACHEL                | Awarded. Fellowships only     | 2022/12/05 | 2026/07/31 | \$153,192   | \$153,192   | \$95,466  | \$53,974  |
| 4,966 | F32CA287655 | 1F32CA287655-01A1 | CLEVELAND CLINIC LERNER COM-CWRU      | A Hyper-Thrombotic State and Immunosuppression in GBM   | SLOAN, ANTHONY ROBERT       | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$75,928    | \$75,928    | \$20,561  | \$75,928  |
| 4,967 | F31NS139449 | 1F31NS139449-01   | DUKE UNIVERSITY                       | Biophysical characterization of the human force-gated ion channel Piezo2  | SINDONI, MICHAEL JAMES      | Awarded. Fellowships only     | 2024/08/01 | 2026/07/31 | \$41,828    | \$41,828    | \$31,216  | \$41,828  |
| 4,968 | F31NS139448 | 1F31NS139448-01   | CASE WESTERN RESERVE UNIVERSITY       | Defining the function of a novel insulin-like growth factor binding protein in CNS development and function   | RYDBOM, JERRIK              | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$42,746    | \$42,746    | \$31,118  | \$42,746  |
| 4,969 | F31CA288051 | 1F31CA288051-01A1 | UNIVERSITY OF FLORIDA                 | Development and application of whole-body patient-specific computational mesh phantoms for organ dosimetry and second primary cancer risk quantification following external beam radiotherapy | DAWSON, ROBERT JOSEPH       | Awarded. Fellowships only     | 2024/08/16 | 2027/08/15 | \$43,902    | \$43,902    | \$28,790  | \$43,902  |
| 4,970 | F32AI169649 | 5F32AI169649-03   | UNIVERSITY OF CALIFORNIA AT DAVIS     | Mechanisms of Microbial Competition During Salmonella Infection   | RADLINSKI, LAUREN CHRISTINE | Awarded. Fellowships only     | 2022/12/01 | 2025/11/30 | \$225,148   | \$225,148   | \$173,907 | \$78,892  |
| 4,971 | F31NS139445 | 1F31NS139445-01   | UNIV OF NORTH CAROLINA CHAPEL HILL    | The Role of UBE3A Isoforms in AS-associated Seizure Susceptibility  | KRZESKI, JOSEPH             | Awarded. Fellowships only     | 2024/08/01 | 2027/07/31 | \$40,064    | \$40,064    | \$31,444  | \$40,064  |
| 4,972 | F30CA288018 | 1F30CA288018-01A1 | WEILL MEDICAL COLL OF CORNELL UNIV    | Dissecting the Functional Consequences of Mutations in ZFP36L2 on Tumor Progression and Inflammation in the Tumor Immune Microenvironment of Colorectal Cancer                                | LUCKETT, KATHLEEN           | Awarded. Fellowships only     | 2024/07/01 | 2028/06/30 | \$53,974    | \$53,974    | \$46,920  | \$53,974  |
| 4,973 | F31HL172634 | 1F31HL172634-01A1 | UNIVERSITY OF NEBRASKA MEDICAL CENTER | Defining Mechanisms of SAMD1 in Hematopoiesis   | SCHAEFER, MEG               | Awarded. Fellowships only     | 2024/07/10 | 2026/07/09 | \$38,549    | \$38,549    | \$21,848  | \$38,549  |
| 4,974 | F30CA275362 | 1F30CA275362-01A1 | NORTHWESTERN UNIVERSITY               | Development of Tunable Microenvironment-Responsive CAR T Cells Using Synthetic Gene Circuits to Enhance Potency and Safety  | SCHREIBER, YANNICK RENE     | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$53,974    | \$53,974    | \$28,238  | \$53,974  |
| 4,975 | F31HL164080 | 5F31HL164080-02   | WASHINGTON UNIVERSITY                 | Investigating the interactions of auxillary subunits with the Nav1.5 channel  | WOODBURY, LUCY SUMMER       | Awarded. Fellowships only     | 2023/09/01 | 2026/08/31 | \$96,668    | \$96,668    | \$56,645  | \$48,974  |
| 4,976 | F32HL168806 | 5F32HL168806-02   | RHODE ISLAND HOSPITAL                 | Incorporating Youth Voices in Community-Based Intervention Development to Improve Diet Quality and Physical Activity  | DURKIN, KRISTINE            | Awarded. Fellowships only     | 2023/09/30 | 2025/08/31 | \$148,764   | \$148,764   | \$99,236  | \$76,984  |
| 4,977 | F32HL170482 | 5F32HL170482-02   | JOHNS HOPKINS UNIVERSITY              | Distinguishing Phenotypes of Pulmonary Hypertension in Patients with Connective Tissue Disease-related Interstitial Lung Disease  | KHAN, SARAH                 | Awarded. Fellowships only     | 2023/09/01 | 2025/06/30 | \$184,568   | \$184,568   | \$136,346 | \$90,140  |
| 4,978 | F31HL170513 | 5F31HL170513-02   | UNIVERSITY OF ARIZONA                 | An Integrated Model of Contextual Safety, Social Safety, and Social Vigilance as Psychosocial Contributors to Cardiovascular Disease  | O'NEILL, RILEY MARIA        | Awarded. Fellowships only     | 2024/01/24 | 2026/01/23 | \$96,668    | \$96,668    | \$64,726  | \$48,974  |
| 4,979 | F31DE034282 | 1F31DE034282-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR   | Determining the function of Trp-positive trigeminal sensory neurons innervating the submandibular salivary glands   | CANNIZZARO, DEANNA NICOLE   | Awarded. Fellowships only     | 2024/07/17 | 2028/06/16 | \$43,094    | \$43,094    | \$40,076  | \$43,094  |
| 4,980 | F30HL172585 | 1F30HL172585-01A1 | CINCINNATI CHILDRENS HOSP MED CTR     | Determining the regulatory role of microprotein ALN on SERCA2a and heart contractility  | HASSEL, KEIRA               | Awarded. Fellowships only     | 2024/08/28 | 2026/08/27 | \$41,915    | \$41,915    | \$16,411  | \$41,915  |

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|-------|-------------|-------------------|---|--|---------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 4,981 | F30CA294601 | 1F30CA294601-01   | JOHNS HOPKINS UNIVERSITY                | Comparative analysis of M-CSF and GM-CSF in human monocyte metabolic reprogramming and differentiation into tumor-associated macrophage-like cells | XU, LILLIAN               | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$53,974  | \$53,974  | \$41,568  | \$53,974 |
| 4,982 | F31MH138062 | 1F31MH138062-01   | YALE UNIVERSITY                         | Identifying Multimodal Predictors of Response to Parent-Based Treatment for Pediatric Anxiety  | KITT, ELIZABETH RACHAEL   | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974  | \$48,974  | \$19,305  | \$48,974 |
| 4,983 | F31DA057795 | 5F31DA057795-03   | UNIVERSITY OF PENNSYLVANIA              | Impact of fentanyl dependence on a parabrachio-amygdalar opioid circuit  | WOOLDRIDGE, LISA          | Awarded. Fellowships only | 2023/01/01 | 2026/12/31 | \$133,404 | \$133,404 | \$109,622 | \$36,736 |
| 4,984 | F32DK138694 | 5F32DK138694-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Interrogating sub-epithelial cell heterogeneity in the developing human intestinal stem cell niche   | JOHNSON, KELLI            | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$151,040 | \$151,040 | \$99,099  | \$76,756 |
| 4,985 | F30HL175908 | 1F30HL175908-01   | DUKE UNIVERSITY                         | Self-assembling cardiac organoids to model myovascular interactions in human cardiac tissue regeneration   | PARKER, LAUREN ELIZABETH  | Awarded. Fellowships only | 2024/09/30 | 2027/09/29 | \$53,974  | \$53,974  | \$21,214  | \$53,974 |
| 4,986 | F32AG089892 | 1F32AG089892-01   | UNIVERSITY OF VIRGINIA                  | Cellular and Molecular Mechanisms of Neurotoxicity and Cognitive Deficits Due to Hyperphosphorylated Tau   | PHAN, DUY                 | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$73,828  | \$73,828  | \$34,398  | \$73,828 |
| 4,987 | F32HL176189 | 1F32HL176189-01   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | A Computational Analysis of Hemodynamics in Patients with Renal Artery Fibromuscular Dysplasia   | DELBONO, LUCIANO          | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$81,256  | \$81,256  | \$41,945  | \$81,256 |
| 4,988 | F31ES036126 | 1F31ES036126-01A1 | EMORY UNIVERSITY                        | Womens empowerment as a result of ECOLECTIVOS (WERE)   | RAHEEL, HINA              | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$51,974  | \$51,974  | \$31,360  | \$51,974 |
| 4,989 | F31EY036692 | 1F31EY036692-01   | MEDICAL COLLEGE OF WISCONSIN            | Characterizing retinal function using AOSLO based psychophysics and optoretinography   | GAFFNEY, MINA M           | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$36,989  | \$48,974 |
| 4,990 | F32HL175907 | 1F32HL175907-01   | MAYO CLINIC ROCHESTER                   | The role of pleural mesothelium in lung injury, repair, and regeneration   | GILBERT, RACHEL           | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$74,284  | \$74,284  | \$44,889  | \$74,284 |
| 4,991 | F32EY035907 | 1F32EY035907-01A1 | OREGON HEALTH & SCIENCE UNIVERSITY      | Characterizing the Unique Biophysical Properties of the CBC2 OFF Cone Bipolar Cell   | WAKEHAM, COLIN M          | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$74,284  | \$74,284  | \$60,430  | \$74,284 |
| 4,992 | F31AI186487 | 1F31AI186487-01   | TEXAS A&M UNIVERSITY HEALTH SCIENCE CTR | Genetic Modeling the Integration of Biological Sex, Immunity, and Metabolism   | AUGUST, HEATHER           | Awarded. Fellowships only | 2024/09/01 | 2025/08/31 | \$37,652  | \$37,652  | \$27,015  | \$37,652 |
| 4,993 | F31MH135556 | 1F31MH135556-01A1 | JOHNS HOPKINS UNIVERSITY                | Psychosocial Factors Associated with Parental Self-Efficacy in Adolescent Suicide Prevention   | HENDERSON, MARCUS DARNELL | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$51,974  | \$51,974  | \$40,620  | \$51,974 |
| 4,994 | F31AI179030 | 5F31AI179030-02   | UNIVERSITY OF CALIFORNIA RIVERSIDE      | Interpersonal variation in microbiome structure modulates inter-individual immune responses to Vibrio cholerae                                     | DO, ELYZA AMBER           | Awarded. Fellowships only | 2023/12/26 | 2026/12/25 | \$73,164  | \$73,164  | \$46,801  | \$32,974 |
| 4,995 | F30EY036267 | 1F30EY036267-01A1 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Alpha-catenin phosphorylation is mechanosensitive and required for epithelial barrier structure-function   | QUINN, JEANNE MARIE       | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$41,384  | \$41,384  | \$18,316  | \$41,384 |
| 4,996 | F31AI186410 | 1F31AI186410-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Metatranslatomics enables functional profiling of microbial competition in the Salmonella-perturbed gut  | NORTON, GRANT J           | Awarded. Fellowships only | 2024/07/17 | 2025/07/16 | \$42,032  | \$42,032  | \$36,493  | \$42,032 |
| 4,997 | F32HL176111 | 1F32HL176111-01   | STANFORD UNIVERSITY                     | Causal Mechanisms of Novel Gut-Hormone Agonists on Cardiovascular Health   | JUGUILON, CODY            | Awarded. Fellowships only | 2024/08/03 | 2026/01/02 | \$74,284  | \$74,284  | \$48,831  | \$74,284 |
| 4,998 | F31HD114438 | 1F31HD114438-01A1 | DUKE UNIVERSITY                         | Investigating the Mechanical Properties of Vertebrate Notochord in Zebrafish   | ZAREIESFANDABADI, PARSA   | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$42,002  | \$42,002  | \$32,307  | \$42,002 |
| 4,999 | F31DA058523 | 5F31DA058523-02   | MARQUETTE UNIVERSITY                    | Dopaminergic regulation of aversion-motivated behaviors  | GRAFELMAN, ELAINE         | Awarded. Fellowships only | 2023/08/28 | 2026/08/27 | \$65,685  | \$65,685  | \$44,943  | \$33,094 |
| 5,000 | F31CA284520 | 5F31CA284520-02   | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Role of hypoxia in fibroblast reprogramming in pancreatic cancer   | NGODUP, TENZIN            | Awarded. Fellowships only | 2023/09/01 | 2026/08/31 | \$82,908  | \$82,908  | \$75,446  | \$42,094 |
| 5,001 | F31AI186232 | 1F31AI186232-01   | HARVARD MEDICAL SCHOOL                  | Structural and functional integrity of antigen receptors   | CHEN, JESSICA WT          | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$43,456  | \$43,456  | \$26,432  | \$43,456 |

|       |             |                   |  |  |                         |                           |            |            |           |           |           |          |
|-------|-------------|-------------------|--|--|-------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 5,002 | F31AR084868 | 1F31AR084868-01   | UNIVERSITY OF PENNSYLVANIA               | The impact of TLR signaling on osteoclast-mediated bone remodeling and inflammation in osteoarthritis.   | MURPHY, LANCE AVERY     | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$48,974  | \$48,974  | \$39,678  | \$48,974 |
| 5,003 | F30HL165813 | 5F30HL165813-02   | UNIVERSITY OF LOUISVILLE                 | Fibroblast TAK1 signaling in cardiac fibrosis  | NGUYEN, DANIEL          | Awarded. Fellowships only | 2023/09/30 | 2026/12/30 | \$88,458  | \$88,458  | \$50,275  | \$53,974 |
| 5,004 | F32HL176201 | 1F32HL176201-01   | MASSACHUSETTS GENERAL HOSPITAL           | Dissecting the functions of muscarinic receptor subtypes in the airway epithelium for asthmatic allergen uptake, inflammation, and remodeling                  | ZWICK, STEVEN MICHAEL   | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$76,984  | \$76,984  | \$26,339  | \$76,984 |
| 5,005 | F30DC020109 | 5F30DC020109-04   | ALBERT EINSTEIN COLLEGE OF MEDICINE      | Role of brain oscillations in midbrain and forebrain networks supporting stimulus selection in the sound localization pathway of barn owls                     | BAE, ANDREA J           | Awarded. Fellowships only | 2022/01/01 | 2025/12/31 | \$211,678 | \$211,678 | \$178,099 | \$53,974 |
| 5,006 | F30AI174787 | 5F30AI174787-03   | YALE UNIVERSITY                          | Mast cell regulation of food allergen induced malaise through GDF15-GFRAL signaling  | BACHTEL, NATHANIEL DALE | Awarded. Fellowships only | 2023/01/01 | 2025/12/31 | \$120,478 | \$120,478 | \$91,946  | \$53,974 |
| 5,007 | F31DA059236 | 5F31DA059236-02   | UNIVERSITY OF NEW MEXICO HEALTH SCIS CTR | Bacteriophage virus-like particle based vaccines against oxycodone   | ROMANO, ISABELLA        | Awarded. Fellowships only | 2023/09/01 | 2026/07/31 | \$75,468  | \$75,468  | \$52,153  | \$38,374 |
| 5,008 | F31NS134324 | 5F31NS134324-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER  | Investigating the Role of MS4As in Amyotrophic Lateral Sclerosis   | HILLER, ABIGAIL JEAN    | Awarded. Fellowships only | 2023/09/01 | 2026/08/31 | \$71,060  | \$71,060  | \$54,076  | \$36,080 |
| 5,009 | F31HL164097 | 5F31HL164097-03   | BAYLOR COLLEGE OF MEDICINE               | Acetate as a Mediator of Hematopoietic Stem Cell Inflammatory Response and Clonal Hematopoiesis  | TIESSEN, JONATHAN       | Awarded. Fellowships only | 2022/12/01 | 2025/11/30 | \$144,700 | \$144,700 | \$94,404  | \$48,974 |
| 5,010 | F31DK138748 | 1F31DK138748-01A1 | BAYLOR COLLEGE OF MEDICINE               | Investigating Type 2 Diabetic Vaginal Microbiota and Susceptibility to a Urogenital Pathogen   | ROBERTSON, CLARE MARIE  | Awarded. Fellowships only | 2024/06/07 | 2027/06/06 | \$48,974  | \$48,974  | \$43,865  | \$48,974 |
| 5,011 | F32AI186521 | 1F32AI186521-01   | WASHINGTON UNIVERSITY                    | Activation of the anti-phage defense Darg by infected E. coli  | GIBBS, KYLE DANE        | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$76,756  | \$76,756  | \$48,978  | \$76,756 |
| 5,012 | F31AG082445 | 5F31AG082445-02   | UNIVERSITY OF FLORIDA                    | Examining the contributions of cognitive load and anterior cingulate cortex activity on striatal-hippocampal network coupling in age-related cognitive decline | SMITH, SAMANTHA MARIE   | Awarded. Fellowships only | 2024/01/08 | 2027/01/07 | \$97,948  | \$97,948  | \$53,067  | \$48,974 |
| 5,013 | F31EY035937 | 5F31EY035937-02   | YALE UNIVERSITY                          | Impact of CDKL5 deficiency on thalamocortical dynamics   | OREN, RACHEL            | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$82,924  | \$82,924  | \$54,620  | \$33,950 |
| 5,014 | F32AG085961 | 5F32AG085961-02   | J. DAVID GLADSTONE INSTITUTES            | Investigation into transcriptomic control of dentate granule cell maturation and hyperexcitability in the apoE4 Alzheimers Disease model                       | TABUENA, DENNIS R       | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$151,040 | \$151,040 | \$101,851 | \$76,756 |
| 5,015 | F31AG086036 | 5F31AG086036-02   | UNIVERSITY OF DELAWARE                   | In Vivo Evaluation of Brain Tissue Integrity in Aging Using a Novel Magnetic Resonance Elastography Technique  | KRAMER, MARY            | Awarded. Fellowships only | 2023/12/01 | 2026/11/30 | \$88,794  | \$88,794  | \$49,619  | \$44,622 |
| 5,016 | F31NS130979 | 5F31NS130979-03   | UNIVERSITY OF COLORADO DENVER            | Investigating the synaptic trafficking of endogenous AMPARs  | KAREEMO, DEAN           | Awarded. Fellowships only | 2022/12/27 | 2025/11/26 | \$111,670 | \$111,670 | \$85,525  | \$36,082 |
| 5,017 | F30AG074507 | 5F30AG074507-04   | HARVARD MEDICAL SCHOOL                   | The role of mitochondrial dysfunction in age-related disease: a human genetic approach   | GUPTA, RAHUL            | Awarded. Fellowships only | 2022/01/01 | 2025/12/31 | \$185,737 | \$185,737 | \$164,546 | \$53,974 |
| 5,018 | F31MH136679 | 1F31MH136679-01A1 | UNIVERSITY OF MINNESOTA                  | Molecular and functional implications of thalamo-striatal synapse regulation in learning and memory  | ROZEMA, NICHOLAS        | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$39,726  | \$39,726  | \$23,866  | \$39,726 |
| 5,019 | F32AI186388 | 1F32AI186388-01   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Functional significance and mechanisms of Ebola Virus VP24-host protein interactions   | VOGEL, OLIVIA ASHLEY    | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$76,756  | \$76,756  | \$0       | \$76,756 |
| 5,020 | F31DA061593 | 1F31DA061593-01   | BROWN UNIVERSITY                         | Community and big-data system approaches to identifying and understanding the health impact of xylazine  | KELLY, PATRICK JOHN     | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$48,974  | \$48,974  | \$34,862  | \$48,974 |
| 5,021 | F31HD116517 | 1F31HD116517-01   | UNIVERSITY OF CALIFORNIA AT DAVIS        | Examining transdiagnostic mechanisms of language development in infants at elevated likelihood for autism and ADHD   | PIERGIES, ANTONIA       | Awarded. Fellowships only | 2024/07/10 | 2026/07/09 | \$41,972  | \$41,972  | \$34,916  | \$41,972 |
| 5,022 | F31CA284784 | 1F31CA284784-01A1 | STANFORD UNIVERSITY                      | Investigating the regulation of cancer cell death by NFE2L1  | MURRAY, MAGDALENA       | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$42,468  | \$42,468  | \$18,860  | \$42,468 |

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|-------|-------------|-------------------|--|--|--|---------------------------|------------|------------|----------|----------|----------|----------|
| 5,023 | F31AR083715 | 1F31AR083715-01A1 | HARVARD MEDICAL SCHOOL   | Defining Sexual Dimorphism in the Skin   | REBECCA FREEMAN,<br>REBECCA FREEMAN<br>REBECCA FREEMAN | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$39,548 | \$39,548 | \$27,248 | \$39,548 |
| 5,024 | F31HD115409 | 1F31HD115409-01A1 | PRINCETON UNIVERSITY   | Mechanisms of cell cycle regulation in embryos of normal and unusual size  | BERNYS, ALANA<br>CATHERINE                             | Awarded. Fellowships only | 2024/11/01 | 2027/10/31 | \$32,974 | \$32,974 | \$14,657 | \$32,974 |
| 5,025 | F31NS139505 | 1F31NS139505-01   | UNIVERSITY OF MARYLAND<br>BALTIMORE                              | Contractile Pericyte-Mediated Cerebrovascular Deficits in a Mouse Model of CADASIL   | VIGDERMAN, ABIGAIL<br>SHIRA                            | Awarded. Fellowships only | 2024/08/09 | 2027/07/31 | \$43,514 | \$43,514 | \$28,963 | \$43,514 |
| 5,026 | F31HL176049 | 1F31HL176049-01   | UNIV OF NORTH CAROLINA<br>CHAPEL HILL                            | The roles of Fragile-X related protein 1 in cardiomyocyte and heart biology  | BAIS, GABRIELLE  | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$41,627 | \$41,627 | \$11,760 | \$41,627 |
| 5,027 | F31AI186463 | 1F31AI186463-01   | HENRY FORD HEALTH + MICHIGAN<br>STATE UNIVERSITY HEALTH SCIENCES | Discovery of new phage defense systems in Vibrio cholerae  | GOMEZ, JASPER  | Awarded. Fellowships only | 2024/08/16 | 2025/08/15 | \$35,768 | \$35,768 | \$23,760 | \$35,768 |
| 5,028 | F32HL176334 | 1F32HL176334-01   | MASSACHUSETTS GENERAL<br>HOSPITAL                                | Development of Capillary-on-Chip for the Study of Preservation Injury on Microvascular Endothelial Cells   | ELLIS, BRADLEY WAYNE                                   | Awarded. Fellowships only | 2024/09/30 | 2027/09/29 | \$76,984 | \$76,984 | \$0      | \$76,984 |
| 5,029 | F31AR083722 | 1F31AR083722-01A1 | UNIV OF NORTH CAROLINA<br>CHAPEL HILL                            | The effect of genetic variation on mRNA splicing in chondrocytes responding to cartilage matrix damage   | BYUN, SEYOUN   | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$40,418 | \$40,418 | \$33,451 | \$40,418 |
| 5,030 | F31CA287701 | 1F31CA287701-01A1 | NORTHWESTERN UNIVERSITY AT<br>CHICAGO                            | Identification of molecular glues targeting FoxP3 to modulate Treg suppressive function and enhance anti-tumor immunity                            | TANG, AMY  | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$44,187 | \$44,187 | \$24,833 | \$44,187 |
| 5,031 | F31HD116491 | 1F31HD116491-01   | WAYNE STATE UNIVERSITY   | Investigating Fear of Falling in Multiple Sclerosis: An Interplay of Neural, Motor, Cognitive, and Psychological Factors                           | TAKLA, TAYLOR  | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$48,406 | \$48,406 | \$28,881 | \$48,406 |
| 5,032 | F30DA061559 | 1F30DA061559-01   | UNIVERSITY OF WASHINGTON   | Impact of chronic, voluntary fentanyl intake on single-cell gene expression and brain-wide neuronal activity patterns                              | BURKE, CASSIDY TAYLOR                                  | Awarded. Fellowships only | 2024/08/01 | 2027/07/31 | \$44,942 | \$44,942 | \$34,881 | \$44,942 |
| 5,033 | F32GM155981 | 1F32GM155981-01   | UNIVERSITY OF WISCONSIN-<br>MADISON                              | Design and application of small molecules for the interception of quorum sensing in Staphylococcus aureus  | CLAY, ALYSSA PAIGE                                     | Awarded. Fellowships only | 2024/12/01 | 2027/11/30 | \$73,408 | \$73,408 | \$24,553 | \$73,408 |
| 5,034 | F31HL175976 | 1F31HL175976-01   | UNIVERSITY OF CINCINNATI   | The Role of Platelet-Derived Transforming Growth Factor Beta in Abdominal Aortic Aneurysm  | SPUZZILLO, ANTHONY                                     | Awarded. Fellowships only | 2024/09/01 | 2027/08/31 | \$48,960 | \$48,960 | \$30,098 | \$48,960 |
| 5,035 | F31AI186394 | 1F31AI186394-01   | UNIVERSITY OF CHICAGO  | Development, stability, and antigen specificity of T follicular regulatory phenotype cells   | GRAHAM, TAYLOR   | Awarded. Fellowships only | 2024/10/01 | 2028/09/30 | \$48,974 | \$48,974 | \$33,298 | \$48,974 |
| 5,036 | F32HD116501 | 1F32HD116501-01   | BAYLOR COLLEGE OF MEDICINE                                       | Defining critical MECP2 cis-regulatory elements towards identifying genetic candidates for male-biased autism                                      | SCHUMAN, REBECCA<br>MEYER                              | Awarded. Fellowships only | 2024/08/01 | 2026/07/31 | \$74,284 | \$74,284 | \$0      | \$74,284 |
| 5,037 | F31AI186494 | 1F31AI186494-01   | UNIVERSITY OF WISCONSIN-<br>MADISON                              | Defining the Impact of Entry Pathways on the Outcome of Human Cytomegalovirus Infection  | WISDOM, ESTHER LYNNE                                   | Awarded. Fellowships only | 2024/09/22 | 2026/09/21 | \$36,073 | \$36,073 | \$23,165 | \$36,073 |
| 5,038 | F31HL175914 | 1F31HL175914-01   | DUKE UNIVERSITY  | Integrative omics for biomarkers and biology of early-stage heart failure  | KOTILIL, KALYANI                                       | Awarded. Fellowships only | 2024/09/01 | 2026/08/31 | \$48,974 | \$48,974 | \$32,636 | \$48,974 |
| 5,039 | F31NS139904 | 1F31NS139904-01   | WASHINGTON UNIVERSITY  | Steroid Hormone-Regulated Plasticity of Sensorimotor Integration Circuitry Supports Behavioral Change  | JARZYNA, MARTIN<br>WILLIAM                             | Awarded. Fellowships only | 2024/07/01 | 2027/06/30 | \$34,623 | \$34,623 | \$21,168 | \$34,623 |
| 5,040 | F32MH135665 | 1F32MH135665-01A1 | LIEBER INSTITUTE, INC.   | Investigating the effects of TCF4 mutations during oligodendrocyte development and maturation in a human-derived model of autism spectrum disorder | ROMERO MORALES,<br>ALEJANDRA INES                      | Awarded. Fellowships only | 2024/12/12 | 2027/12/11 | \$74,284 | \$74,284 | \$20,446 | \$74,284 |
| 5,041 | F31CA278359 | 5F31CA278359-02   | UNIVERSITY OF SOUTHERN<br>CALIFORNIA                             | Exploring the Impact of Genetic Ancestry on Acute Lymphoblastic Leukemia Risk in Latino Populations  | LANGIE, JALEN  | Awarded. Fellowships only | 2023/12/01 | 2027/11/30 | \$96,468 | \$96,468 | \$69,396 | \$48,774 |

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|-------|-------------|-------------------|---|---|------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 5,042 | F31AI178999 | 5F31AI178999-02   | UNIVERSITY OF LOUISVILLE                | Defining the impact of Extracellular Vesicles on inflammation during pneumonic plague   | SHENEMAN, KATELYN RENEE      | Awarded. Fellowships only     | 2023/08/01 | 2026/07/31 | \$70,332    | \$70,332    | \$54,094    | \$35,848  |
| 5,043 | F30MH136802 | 1F30MH136802-01A1 | UNIVERSITY OF CALIFORNIA LOS ANGELES    | Seeing Sound: Visualizing the Target of Transcranial Focused Ultrasound   | SPIVAK, NORMAN MITCHEL       | Awarded. Fellowships only     | 2024/09/01 | 2027/08/31 | \$41,396    | \$41,396    | \$10,558    | \$41,396  |
| 5,044 | F30HD114405 | 5F30HD114405-02   | UNIVERSITY OF PENNSYLVANIA              | Elucidating the spatially coordinated mechanisms of transcriptional silencing in fragile X syndrome                           | PHAM, KENNETH                | Awarded. Fellowships only     | 2024/03/01 | 2028/02/28 | \$107,948   | \$107,948   | \$69,903    | \$53,974  |
| 5,045 | F31MH136704 | 1F31MH136704-01A1 | NORTHWESTERN UNIVERSITY AT CHICAGO      | Synaptotagmin 7: A compartmentalized molecule for presynaptic short term plasticity   | BARRAZA, MATTHEW             | Awarded. Fellowships only     | 2024/11/01 | 2027/10/31 | \$44,187    | \$44,187    | \$21,015    | \$44,187  |
| 5,046 | F31HL178013 | 1F31HL178013-01   | STANFORD UNIVERSITY                     | Investigating COUP-TFII in human vein development   | PYKE, ALANNA                 | Awarded. Fellowships only     | 2025/01/13 | 2028/01/12 | \$42,507    | \$42,507    | \$9,440     | \$42,507  |
| 5,047 | F31DA062403 | 1F31DA062403-01   | UNIVERSITY OF WASHINGTON                | Genetic Characterization and Exploration of Mu-Opioid Receptor Signaling in C. elegans  | COLEMAN, DEZ                 | Awarded. Fellowships only     | 2024/12/16 | 2027/12/15 | \$48,974    | \$48,974    | \$14,319    | \$48,974  |
| 5,048 | F31DC022513 | 1F31DC022513-01   | GEORGETOWN UNIVERSITY                   | Investigating functional changes to the visual word form system in post-stroke alexia   | DYSLIN, SARA MARIE           | Awarded. Fellowships only     | 2024/08/02 | 2026/08/01 | \$36,274    | \$36,274    | \$7,185     | \$36,274  |
| 5,049 | T32HD060549 | 5T32HD060549-14   | UNIVERSITY OF SOUTHERN CALIFORNIA       | Training in Developmental Biology, Stem Cells and Regeneration  | CRUMP, GAGE D                | Awarded. Non-fellowships only | 2011/05/01 | 2027/04/30 | \$799,712   | \$799,712   | \$498,655   | \$220,608 |
| 5,050 | F31NS134126 | 5F31NS134126-02   | UNIVERSITY OF MARYLAND BALTIMORE        | Sex Differences in the Bed Nucleus of the Stria Terminalis Guide Differential Pain Susceptibility                             | LORSUNG, REBECCA MARY        | Awarded. Fellowships only     | 2024/03/11 | 2026/03/10 | \$77,853    | \$77,853    | \$38,889    | \$39,221  |
| 5,051 | F30HD107942 | 5F30HD107942-04   | UNIVERSITY OF MARYLAND BALTIMORE        | The impact of proliferating mast cells in the developing brain  | BLANCHARD, ALEXA CIESINSKI   | Awarded. Fellowships only     | 2022/04/11 | 2026/04/10 | \$199,474   | \$199,474   | \$129,083   | \$56,974  |
| 5,052 | F32GM154484 | 5F32GM154484-02   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | De novo design of photoacid-binding proteins to study proton dynamics in biological systems                                   | BAKANAS, IAN                 | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$148,112   | \$148,112   | \$72,828    | \$74,284  |
| 5,053 | T32HD040127 | 5T32HD040127-24   | UNIV OF NORTH CAROLINA CHAPEL HILL      | Postdoctoral Research in Neurodevelopmental Disorders   | PHILPOT, BENJAMIN D          | Awarded. Non-fellowships only | 2001/05/15 | 2027/04/30 | \$1,769,131 | \$1,769,131 | \$1,205,332 | \$525,027 |
| 5,054 | F32GM154398 | 1F32GM154398-01A1 | YALE UNIVERSITY                         | Development of Metallopeptides for Site-Selective Transformations of the Antibiotic Thiostrepton                              | PETERSON, PAUL OLIVER        | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$73,828    | \$73,828    | \$18,496    | \$73,828  |
| 5,055 | F30HL178164 | 1F30HL178164-01   | YALE UNIVERSITY                         | Spatial smooth muscle cell transition states in atherosclerosis   | JOVIN, DANIEL                | Awarded. Fellowships only     | 2025/02/01 | 2028/12/31 | \$36,958    | \$36,958    | \$5,125     | \$36,958  |
| 5,056 | F30CA291077 | 1F30CA291077-01A1 | YALE UNIVERSITY                         | Elucidating mechanisms of PARP inhibitor resistance in IDH-mutant cancers   | COLON-RIOS, DANIEL ANDRÉS    | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$33,958    | \$33,958    | \$0         | \$33,958  |
| 5,057 | F31HD116617 | 1F31HD116617-01A1 | UNIVERSITY OF WASHINGTON                | Effects of caregiver interactions, youth characteristics, and counseling on retention in care among youth living with HIV     | HICKS, SARAH                 | Awarded. Fellowships only     | 2024/12/16 | 2026/12/15 | \$48,974    | \$48,974    | \$25,239    | \$48,974  |
| 5,058 | F32DC022162 | 1F32DC022162-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR     | Interactions Between Spatial and Temporal Cues for Auditory Grouping in Normal Hearing and Single-Sided Deaf Populations      | KROGER, CAROLYN KAYE         | Awarded. Fellowships only     | 2024/08/01 | 2025/12/31 | \$73,828    | \$73,828    | \$47,781    | \$73,828  |
| 5,059 | F31NS141337 | 1F31NS141337-01   | HARVARD MEDICAL SCHOOL                  | Neural Mechanisms of Behavioral Variability and Strategy Selection in Larval Zebrafish  | WANG, VICKIE                 | Awarded. Fellowships only     | 2025/02/01 | 2028/01/31 | \$43,456    | \$43,456    | \$0         | \$43,456  |
| 5,060 | F31MH136739 | 1F31MH136739-01A1 | UNIVERSITY OF SOUTHERN CALIFORNIA       | Neural Mechanisms of Emotion Regulation Flexibility and Success in Everyday Life in Depression                                | XU, ELLIE PIN                | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$45,566    | \$45,566    | \$15,704    | \$45,566  |
| 5,061 | F31GM155995 | 1F31GM155995-01A1 | PRINCETON UNIVERSITY                    | The Role of the Adaptor Protein Enkurin in Left-Right Patterning- a Promising Link Between Polycystin-2 and Calcium Signaling | RENEKER, BILLIE              | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$35,974    | \$35,974    | \$7,689     | \$35,974  |
| 5,062 | F31NS137644 | 1F31NS137644-01A1 | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO | Leveraging single-cell multi-omics to investigate rare noncoding variants in Parkinsons Disease                               | MENON, SHREYA                | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$41,632    | \$41,632    | \$14,967    | \$41,632  |
| 5,063 | F31DC022177 | 1F31DC022177-01A1 | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Influence of early exposure to bitter foods on bitter taste sensitivity in adulthood  | ASCENCIO GUTIERREZ, VERENICE | Awarded. Fellowships only     | 2024/08/15 | 2026/08/14 | \$33,833    | \$33,833    | \$22,394    | \$33,833  |
| 5,064 | F31DK141197 | 1F31DK141197-01A1 | UNIVERSITY OF OREGON                    | Investigating the Molecular Mechanisms of Beta-Cell Expansion Factor A-induced Beta-Cell Proliferation                        | HORVE, PATRICK               | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,755    | \$48,755    | \$2,352     | \$48,755  |

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|-------|-------------|-------------------|---|--|-------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 5,065 | F32MH135724 | 5F32MH135724-02   | CHILDREN'S HOSP OF PHILADELPHIA         | HIV and ART Disruptions in Glial Cell Lipid Metabolism and its Effect on Adolescent Myelination  | JEFFRIES, MARISA        | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$167,048   | \$167,048   | \$77,256    | \$84,592  |
| 5,066 | F31DE034600 | 1F31DE034600-01   | STATE UNIVERSITY OF NEW YORK AT BUFFALO | Single-cell profiling of Follistatin within the Tumor Landscape of Oral Squamous Cell Carcinoma  | SOSA, JENNIFER          | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$34,633    | \$34,633    | \$8,435     | \$34,633  |
| 5,067 | F31DE034599 | 1F31DE034599-01   | UNIVERSITY OF COLORADO DENVER           | Targeting the Regulation of High Endothelial Venules in HNSCC Regional Recurrence  | OLIMPO, NICHOLAS A      | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$43,374    | \$43,374    | \$9,460     | \$43,374  |
| 5,068 | F30CA298743 | 1F30CA298743-01   | WASHINGTON UNIVERSITY                   | Deciphering the immunomodulatory functions of phosphatidylserine in the tumor microenvironment   | ELLISON, ROCHELLE MARIE | Awarded. Fellowships only     | 2025/04/01 | 2028/08/31 | \$35,482    | \$35,482    | \$0         | \$35,482  |
| 5,069 | F31MH136728 | 1F31MH136728-01A1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Early Childhood Deprivation and Psychopathology: Identifying Neurodevelopmental Pathways of Risk   | LURIE, LUCY             | Awarded. Fellowships only     | 2024/09/01 | 2026/08/31 | \$40,572    | \$40,572    | \$34,846    | \$40,572  |
| 5,070 | F30CA284526 | 5F30CA284526-02   | UNIVERSITY OF MARYLAND BALTIMORE        | ImmunoPET Evaluation of Focused Ultrasound-mediated Delivery and Immunomodulation by anti-CD47 Immunotherapy in the Setting of Current Standard-of-Care Treatment for Glioblastoma | MALLA, ADARSHA PRAKASH  | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$72,676    | \$72,676    | \$40,698    | \$36,338  |
| 5,071 | T32HD007186 | 5T32HD007186-45   | UNIVERSITY OF COLORADO DENVER           | Training in Perinatal Medicine   | ROZANCE, PAUL JOSEPH    | Awarded. Non-fellowships only | 1979/07/01 | 2026/04/30 | \$1,620,868 | \$1,620,868 | \$1,137,345 | \$405,788 |
| 5,072 | F31DK141268 | 1F31DK141268-01A1 | UNIVERSITY OF PENNSYLVANIA              | Dissecting the gut-hypothalamus axis for fructose sensing  | MCKNIGHT, AARON DAVID   | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$18,133    | \$48,974  |
| 5,073 | F32DK139586 | 1F32DK139586-01A1 | WEILL MEDICAL COLL OF CORNELL UNIV      | Adrenomedullin 2 Regulates ILC2 Responses to Control Intestinal Inflammation   | UDDIN, JAZIB NASEER     | Awarded. Fellowships only     | 2025/01/01 | 2025/12/31 | \$75,904    | \$75,904    | \$18,555    | \$75,904  |
| 5,074 | F30CA298572 | 1F30CA298572-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Dissecting the impact of genomic variants on hallmarks of T cell anti-tumor activity   | WALSH, ZACHARY HUDSON   | Awarded. Fellowships only     | 2025/03/07 | 2029/03/06 | \$50,928    | \$50,928    | \$0         | \$50,928  |
| 5,075 | F32AG082460 | 5F32AG082460-03   | J. DAVID GLADSTONE INSTITUTES           | Understanding how neuronal glucose metabolism changes in AD due to ApoE4   | SEI, YOSHI              | Awarded. Fellowships only     | 2023/05/03 | 2026/05/02 | \$239,068   | \$239,068   | \$149,925   | \$83,932  |
| 5,076 | F31NS141322 | 1F31NS141322-01   | BAYLOR COLLEGE OF MEDICINE              | Disease mechanism and genetic therapy for a pathogenic STXBP1 variant  | HORIST, BROOKE          | Awarded. Fellowships only     | 2024/12/16 | 2026/12/15 | \$48,974    | \$48,974    | \$10,504    | \$48,974  |
| 5,077 | F32HL178303 | 1F32HL178303-01   | UNIVERSITY OF CALIFORNIA, SAN DIEGO     | Tissue elasticity and viscosity modulates macrophage-fibroblast signaling in cardiac fibrosis  | ATCHA, HAMZA            | Awarded. Fellowships only     | 2025/04/01 | 2026/03/31 | \$76,756    | \$76,756    | \$0         | \$76,756  |
| 5,078 | F32NS128392 | 7F32NS128392-02   | UNIVERSITY OF FLORIDA                   | Neuropeptide Y1 Receptor-Expressing Neurons in the Lateral Parabrachial Nucleus in Neuropathic Pain  | ALLEN, HEATHER NOEL     | Awarded. Fellowships only     | 2023/09/01 | 2026/03/31 | \$167,092   | \$109,741   | \$63,354    | \$86,288  |
| 5,079 | F32MH136726 | 1F32MH136726-01A1 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | Norepinephrine-sensing habenular microglia and stress-related behaviors  | CORONA, ALBERTO         | Awarded. Fellowships only     | 2024/11/01 | 2026/06/30 | \$74,284    | \$74,284    | \$0         | \$74,284  |
| 5,080 | F31AI179076 | 5F31AI179076-02   | DUKE UNIVERSITY                         | The Sigma factor SigEs role in mycobacterial granulomas  | MENON, ARUNA RAJENDRAN  | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$83,972    | \$83,972    | \$41,746    | \$41,986  |
| 5,081 | T32EB032755 | 5T32EB032755-03   | STANFORD UNIVERSITY                     | Stanfords Translational Biomedical Imaging Instrumentation (TBI2) Training Program   | BUTTS-PAULY, KIM        | Awarded. Non-fellowships only | 2023/05/01 | 2028/04/30 | \$547,788   | \$547,788   | \$170,760   | \$215,781 |
| 5,082 | TL1DK139567 | 3TL1DK139567-02S1 | UNIV OF NORTH CAROLINA CHAPEL HILL      | Pre-doctoral Diversity Supplement to TLDK139567  | HOGAN, SUSAN LYNN       | Awarded. Non-fellowships only | 2023/09/01 | 2028/06/30 | \$1,558,299 | \$1,558,299 | \$819,206   | \$49,292  |
| 5,083 | F31AI181475 | 1F31AI181475-01A1 | HARVARD MEDICAL SCHOOL                  | Regulation of the Inflammasome by Gasdermin D mRNA Chimerism   | VENEZIA, OLIVIA L       | Awarded. Fellowships only     | 2025/01/01 | 2026/12/31 | \$43,203    | \$43,203    | \$24,265    | \$43,203  |
| 5,084 | F31AI188882 | 1F31AI188882-01   | COLUMBIA UNIVERSITY HEALTH SCIENCES     | Investigating the role of chromatin-associated RNA processing in Early B-cell development  | WHISENANT, DANIEL ERIC  | Awarded. Fellowships only     | 2024/12/01 | 2027/11/30 | \$48,974    | \$48,974    | \$8,000     | \$48,974  |
| 5,085 | F30HD115307 | 5F30HD115307-02   | WASHINGTON UNIVERSITY                   | Modeling the effects of the gut microbiota of undernourished mothers with environmental enteric dysfunction on vascular remodeling at the fetal-placental interface                | COSKUN, REYAN           | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$89,516    | \$89,516    | \$35,114    | \$53,974  |



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|-------|-------------|-------------------|--|--|-------------------------------|-------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| 5,086 | F30CA298520 | 1F30CA298520-01   | WEILL MEDICAL COLL OF CORNELL UNIV         | Investigating the chromatin landscape of ALT telomeres   | REX, MADISON                  | Awarded. Fellowships only     | 2025/03/01 | 2029/02/28 | \$53,974    | \$53,974    | \$0       | \$53,974  |
| 5,087 | F31DE033571 | 1F31DE033571-01A1 | JOHNS HOPKINS UNIVERSITY                   | How Signaling Molecules Affect the Invagination and Posterior Migration of the Drosophila Salivary Gland                   | SHOEMAKER, ASHLEIGH MARIE     | Awarded. Fellowships only     | 2024/09/30 | 2026/09/29 | \$54,774    | \$54,774    | \$39,966  | \$54,774  |
| 5,088 | F32HL173968 | 5F32HL173968-02   | STANFORD UNIVERSITY                        | Understanding Metabolic Interplay in a Human iPSC Model of Diabetic Cardiomyopathy   | CAUDAL, ARIANNE               | Awarded. Fellowships only     | 2024/04/01 | 2026/03/31 | \$151,040   | \$151,040   | \$74,284  | \$76,756  |
| 5,089 | T32AR007465 | 5T32AR007465-42   | UNIVERSITY OF PENNSYLVANIA                 | Penn Dermatology Research Training Program   | GRICE, ELIZABETH ANNE         | Awarded. Non-fellowships only | 1983/07/01 | 2029/04/30 | \$846,426   | \$846,426   | \$416,249 | \$402,939 |
| 5,090 | T32HD007168 | 5T32HD007168-47   | UNIV OF NORTH CAROLINA CHAPEL HILL         | Population Research Training   | FRANKENBERG, ELIZABETH A      | Awarded. Non-fellowships only | 1979/07/01 | 2029/04/30 | \$969,307   | \$948,307   | \$319,511 | \$552,612 |
| 5,091 | F31HG014082 | 1F31HG014082-01A1 | UNIVERSITY OF PENNSYLVANIA                 | Elucidating the interplay between cohesin-mediated loop extrusion and heterochromatin in single cells.                     | PATEL, ROHAN DIPAK            | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$48,974    | \$48,974    | \$17,408  | \$48,974  |
| 5,092 | F31DE034633 | 1F31DE034633-01   | UNIVERSITY OF PITTSBURGH AT PITTSBURGH     | Sensory-Sympathetic Nerve Interplay in Oral Cancer   | MARTEL MATOS, ANDRE ALEXANDER | Awarded. Fellowships only     | 2025/01/01 | 2027/12/31 | \$49,774    | \$49,774    | \$8,365   | \$49,774  |
| 5,093 | F30AI183709 | 1F30AI183709-01A1 | UNIVERSITY OF CHICAGO                      | Developmental acquisition of memory-phenotype CD8+ T cell function in infection and cancer                                 | MAHESHWARI, NIKITA            | Awarded. Fellowships only     | 2025/04/01 | 2029/03/31 | \$53,974    | \$53,974    | \$0       | \$53,974  |
| 5,094 | F31MH131373 | 5F31MH131373-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Childhood Socioeconomic Disadvantage and Antisocial Behavior: Investigating the Role of Reward Processing                  | WESTERMAN, HEIDI BETH         | Awarded. Fellowships only     | 2023/05/01 | 2026/04/30 | \$125,264   | \$125,264   | \$82,719  | \$42,545  |
| 5,095 | F32AI176755 | 5F32AI176755-02   | STANFORD UNIVERSITY                        | Structure-Property-Function Relationship in mRNA/CARTs for Targeted mRNA Delivery  | HURST, PAUL JOSHUA            | Awarded. Fellowships only     | 2023/12/01 | 2026/11/30 | \$153,236   | \$153,236   | \$118,018 | \$76,828  |
| 5,096 | T32HL166130 | 5T32HL166130-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR        | Translational research training in cardiovascular science  | HENKE, PETER K                | Awarded. Non-fellowships only | 2022/12/01 | 2027/11/30 | \$481,295   | \$481,295   | \$239,936 | \$197,624 |
| 5,097 | F30CA288003 | 5F30CA288003-02   | NORTHWESTERN UNIVERSITY AT CHICAGO         | Investigating mechanisms of CARD11 mutants in enhanced anti-tumor immunity and T cell fitness (For Kathleen Cheng)         | CHENG, KATHLEEN               | Awarded. Fellowships only     | 2024/02/01 | 2027/12/31 | \$88,374    | \$88,374    | \$38,357  | \$44,187  |
| 5,098 | F31HD108959 | 5F31HD108959-03   | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | Siglecs in the Porcine Oviduct: Roles in the Sperm Reservoir and Sperm Immune Response                                     | MOLINA, LEONARDO              | Awarded. Fellowships only     | 2023/02/26 | 2026/03/25 | \$130,963   | \$130,963   | \$75,049  | \$44,081  |
| 5,099 | F32HL168948 | 5F32HL168948-02   | WEILL MEDICAL COLL OF CORNELL UNIV         | Imaging Incipient Heart Failure by PET   | AZCONA, JUAN ARTURO           | Awarded. Fellowships only     | 2023/09/15 | 2025/09/14 | \$146,256   | \$146,256   | \$72,668  | \$76,756  |
| 5,100 | F31AI183573 | 5F31AI183573-02   | MEDICAL COLLEGE OF WISCONSIN               | Functional interrogation of parasitic flatworm TRPM channels to identify novel anthelmintics                               | ROHR, CLAUDIA M               | Awarded. Fellowships only     | 2024/04/01 | 2028/03/31 | \$97,948    | \$97,948    | \$48,974  | \$48,974  |
| 5,101 | F32DK135241 | 5F32DK135241-03   | UNIVERSITY OF COLORADO DENVER              | Epigenetic regulation of lineage specification in colon epithelial cells   | MEYER, ANNE R                 | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$225,148   | \$225,148   | \$145,806 | \$78,892  |
| 5,102 | F32DK138598 | 5F32DK138598-02   | STANFORD UNIVERSITY                        | Understanding mechanisms by which microbially derived metabolites regulate host gut inflammation.                          | ROBINSON, ELEKTRA KANTZARI    | Awarded. Fellowships only     | 2024/03/01 | 2027/02/28 | \$151,040   | \$151,040   | \$72,921  | \$76,756  |
| 5,103 | F30AI181515 | 5F30AI181515-02   | UNIV OF MASSACHUSETTS MED SCH WORCESTER    | Characterization of Enterovirus 68 3C Protease For the Development of Robust and Potent Direct-Acting Antiviral Inhibitors | AZZOLINO, VINCENT             | Awarded. Fellowships only     | 2023/12/15 | 2028/12/14 | \$107,948   | \$107,948   | \$49,386  | \$53,974  |
| 5,104 | F31AR082696 | 5F31AR082696-02   | YALE UNIVERSITY                            | Leveraging mosaic genodermatoses to discover genetic and molecular mechanisms of comedogenesis                             | ELLIS, KATHARINE TAYLOR       | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$67,916    | \$67,916    | \$28,989  | \$33,958  |
| 5,105 | F32AR084326 | 5F32AR084326-02   | UNIV OF NORTH CAROLINA CHAPEL HILL         | Clathrin alternative splicing in skeletal muscle development   | COTE, JESSICA LEIGH           | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$151,040   | \$151,040   | \$74,284  | \$76,756  |
| 5,106 | T32HL160511 | 5T32HL160511-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI    | Multidisciplinary Research Training in Sleep Science   | AYAPPA, INDU A                | Awarded. Non-fellowships only | 2023/02/01 | 2028/01/31 | \$1,052,860 | \$1,052,860 | \$292,089 | \$483,144 |



|       |             |                   |  |   |                                 |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|---------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 5,107 | F31DC021080 | 5F31DC021080-03   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Articulatory and prosodic sensorimotor adaptation in speaker-listener interactions  | DAHL, KIMBERLY                  | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$113,713   | \$113,713   | \$68,240    | \$38,331  |
| 5,108 | F31MH133365 | 5F31MH133365-03   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Cell-type specific and activity-dependent characterization of non-coding autism de novo variants in human stem cell-derived neurons         | WILLIAMS, SARAH ELIZABETH       | Awarded. Fellowships only     | 2023/04/24 | 2026/04/23 | \$145,642   | \$145,642   | \$86,625    | \$48,974  |
| 5,109 | F30AI188599 | 1F30AI188599-01   | CINCINNATI CHILDRENS HOSP MED CTR        | Mechanisms of CD8+ T cell-induced Innate Immune Activation  | VALLEZ, CHARLES                 | Awarded. Fellowships only     | 2024/11/18 | 2028/11/17 | \$41,915    | \$41,915    | \$0         | \$41,915  |
| 5,110 | F31AR081697 | 5F31AR081697-03   | EMORY UNIVERSITY                         | Toward therapeutic targeting of liquid-liquid phase separation dynamics in skin   | AVECILLA, ALEXA REGINA CHUA     | Awarded. Fellowships only     | 2023/04/03 | 2026/04/02 | \$145,642   | \$145,642   | \$96,215    | \$48,974  |
| 5,111 | F31HD110268 | 5F31HD110268-03   | STOWERS INSTITUTE FOR MEDICAL RESEARCH   | Opening small packages: unraveling roles for microproteins during early vertebrate development  | TREICHEL, ANTHONY J             | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$97,642    | \$97,642    | \$64,668    | \$32,974  |
| 5,112 | F31NS137623 | 1F31NS137623-01A1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Elucidating the contribution of lipid dysregulation to impaired oligodendrocyte maturation and myelination in Spinocerebellar ataxia type 3 | PUTKA, ALEXANDRA FAITH          | Awarded. Fellowships only     | 2025/01/01 | 2027/10/31 | \$42,593    | \$42,593    | \$16,319    | \$42,593  |
| 5,113 | T32HL072748 | 5T32HL072748-22   | JOHNS HOPKINS UNIVERSITY                 | Multidisciplinary Training Program in Pediatric Pulmonary   | COLLACO, JOSEPH MICHAEL         | Awarded. Non-fellowships only | 2004/02/01 | 2029/01/31 | \$709,437   | \$709,437   | \$373,123   | \$343,043 |
| 5,114 | F30CA271622 | 5F30CA271622-03   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Deep-learning Integration of Histopathology and Proteogenomics at a Pan-cancer Level - Resubmission   | WANG, JOSHUA                    | Awarded. Fellowships only     | 2023/03/01 | 2025/06/30 | \$101,429   | \$101,429   | \$68,904    | \$20,109  |
| 5,115 | F30HL162454 | 5F30HL162454-03   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Dissecting the Role of Desmoplakin in Inflammation in Cardiomyopathy  | SELGRADE, DANIEL                | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$141,068   | \$141,068   | \$85,380    | \$53,974  |
| 5,116 | F30DE032585 | 5F30DE032585-03   | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | Determining Sox10-mediated plasticity in irradiated salivary gland cells  | JONES, CHRISTINA ELIZABETH-ROSE | Awarded. Fellowships only     | 2023/03/01 | 2027/03/01 | \$162,100   | \$162,100   | \$134,146   | \$54,774  |
| 5,117 | F31DK134187 | 5F31DK134187-03   | WEILL MEDICAL COLL OF CORNELL UNIV       | ILC3 Syndecan-4 in the Regulation of Intestinal Health and Inflammation   | FIEDLER, BROOKE ELIZABETH       | Awarded. Fellowships only     | 2023/04/01 | 2026/03/31 | \$145,642   | \$145,642   | \$90,447    | \$48,974  |
| 5,118 | T32GM139776 | 3T32GM139776-04S1 | UNIVERSITY OF IOWA                       | Medical Scientist Training Program  | BUCHANAN, GORDON F              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$4,322,583 | \$4,322,583 | \$3,675,439 | \$59,936  |
| 5,119 | F31AI174615 | 5F31AI174615-02   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Characterization of the SARS-CoV-2-mediated piracy of p388  | HIGGINS, CHRISTINA              | Awarded. Fellowships only     | 2023/11/22 | 2025/11/21 | \$97,948    | \$97,948    | \$68,807    | \$48,974  |
| 5,120 | F31HD112152 | 5F31HD112152-02   | UNIVERSITY OF VIRGINIA                   | Investigating FGF Signaling Dynamics in migrating cells   | GIBNEY, THERESA                 | Awarded. Fellowships only     | 2024/01/01 | 2025/12/31 | \$83,166    | \$83,166    | \$42,608    | \$38,427  |
| 5,121 | F31NS135753 | 5F31NS135753-02   | NORTHWESTERN UNIVERSITY AT CHICAGO       | Exploiting KCNQ2 upstream open reading frames for therapeutic opportunity   | HUEY, DALTON JUN-DA             | Awarded. Fellowships only     | 2024/04/01 | 2027/01/31 | \$88,935    | \$88,935    | \$41,548    | \$44,748  |
| 5,122 | F30GM149139 | 5F30GM149139-02   | WAYNE STATE UNIVERSITY                   | Epigenetic Regulation of Langerhans Cell Histiocytosis Pathophysiology and Microenvironment by HDAC3  | DIMITRION, PETER                | Awarded. Fellowships only     | 2024/03/01 | 2025/10/31 | \$87,900    | \$87,900    | \$52,251    | \$39,246  |
| 5,123 | F30CA271623 | 5F30CA271623-04   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | Activation of Inflammatory Responses Upon Replication Stress in Basal-Like Breast Cancer  | GORODETSKY, ELIZABETH FRANCES   | Awarded. Fellowships only     | 2022/03/04 | 2026/03/03 | \$212,394   | \$212,394   | \$134,347   | \$53,974  |
| 5,124 | F31HD108875 | 5F31HD108875-03   | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO  | The Role and Branching Dynamics of Sympathetic Nerves in Ovarian Folliculogenesis   | GAYLORD, ELIZA ANN              | Awarded. Fellowships only     | 2023/03/01 | 2026/02/28 | \$131,797   | \$131,797   | \$93,615    | \$44,359  |
| 5,125 | F31MH132407 | 5F31MH132407-03   | EMORY UNIVERSITY                         | Adaptation of a PreP Shared-Decision Making Tool for Family Planning Clinics  | ANDERSON, KATHERINE M           | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$145,682   | \$145,682   | \$98,822    | \$48,994  |
| 5,126 | F31DC021868 | 5F31DC021868-02   | NEW YORK UNIVERSITY SCHOOL OF MEDICINE   | A cortical role for skilled, sound-guided behavior in mice  | ZEMPOLICH, GRANT WILLIAM MEANY  | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$88,240    | \$88,240    | \$42,587    | \$42,102  |
| 5,127 | F32AG086044 | 5F32AG086044-02   | WASHINGTON UNIVERSITY                    | Dissecting neuroinflammatory mechanisms in a model of progressive TDP-43 pathology  | O'CONNOR, JAMES T               | Awarded. Fellowships only     | 2024/02/01 | 2027/01/31 | \$148,112   | \$148,112   | \$85,202    | \$74,284  |
| 5,128 | F30AG076265 | 5F30AG076265-03   | BAYLOR COLLEGE OF MEDICINE               | Uncharted Territory: Mapping and Manipulating Cholinergic Basal Forebrain Activity in a Mouse Model of Alzheimers Disease                   | BELFORT, BENJAMIN               | Awarded. Fellowships only     | 2023/02/01 | 2026/01/31 | \$143,164   | \$143,164   | \$88,927    | \$47,592  |

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|-------|-------------|-------------------|---------------------------------------|--|----------------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 5,129 | F31NS132530 | 5F31NS132530-02   | YALE UNIVERSITY                       | Investigating the origin and role of the IgA+ B cell response to intracerebral hemorrhage  | OHASHI, SARAH                    | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$97,948    | \$97,948    | \$37,807    | \$48,974  |
| 5,130 | T32CA269116 | 5T32CA269116-04   | WASHINGTON UNIVERSITY                 | Pediatric Training Program Hematology and Oncology   | RUBIN, JOSHUA B                  | Awarded. Non-fellowships only | 2022/04/01 | 2027/03/31 | \$800,286   | \$800,286   | \$352,648   | \$194,600 |
| 5,131 | F32HL168844 | 5F32HL168844-03   | HARVARD MEDICAL SCHOOL                | Understanding the effects of sleep deprivation on the guts cellular homeostatic process  | LAUREANO RUIZ, ALEJANDRA SOFIA   | Awarded. Fellowships only     | 2023/04/01 | 2025/06/30 | \$169,079   | \$169,079   | \$141,146   | \$22,823  |
| 5,132 | F32CA298007 | 1F32CA298007-01   | DUKE UNIVERSITY                       | The Role of SMARCA1 Depletion on Increased Immunogenicity in ALT+ Gliomas  | ERMAN, ELISE                     | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$73,828    | \$73,828    | \$0         | \$73,828  |
| 5,133 | F31NS136011 | 5F31NS136011-02   | BAYLOR COLLEGE OF MEDICINE            | Effects of the NR2E1 mutation on cellular and molecular determinants of neurogenesis   | LEI, KEVIN                       | Awarded. Fellowships only     | 2024/01/17 | 2026/10/16 | \$97,948    | \$97,948    | \$54,033    | \$48,974  |
| 5,134 | F31DA057796 | 5F31DA057796-03   | UNIVERSITY OF WASHINGTON              | Measurement and Modeling of Within-Person Variability in Cannabis Protective Behavioral Strategies: A Novel Approach Using Scale Development, Daily Data, and Machine Learning Methods | SMITH-LECAVALIER, KIRSTYN NICOLE | Awarded. Fellowships only     | 2023/03/16 | 2025/10/15 | \$131,904   | \$131,904   | \$93,324    | \$35,236  |
| 5,135 | F31HG013462 | 5F31HG013462-02   | UNIVERSITY OF CALIFORNIA LOS ANGELES  | Identifying sources of variable penetrance and expressivity in monogenic diseases at population scale  | WEI, ANGELA N                    | Awarded. Fellowships only     | 2024/04/01 | 2027/03/31 | \$86,384    | \$86,384    | \$41,475    | \$43,832  |
| 5,136 | F30HL172382 | 5F30HL172382-02   | UNIVERSITY OF PENNSYLVANIA            | Investigating ancestry-specific genetic variation associated with HLBS phenotypes in diverse patient biobanks  | ZHANG, DAVID                     | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$107,948   | \$107,948   | \$76,117    | \$53,974  |
| 5,137 | T32DK007066 | 3T32DK007066-50S1 | UNIVERSITY OF PENNSYLVANIA            | Training Program in Gastrointestinal Sciences  | KATZ, JONATHAN P                 | Awarded. Non-fellowships only | 1975/07/01 | 2025/06/30 | \$3,189,216 | \$3,189,216 | \$3,109,187 | \$101,987 |
| 5,138 | T32CA153952 | 5T32CA153952-14   | JOHNS HOPKINS UNIVERSITY              | T32: Predoctoral and Postdoctoral Training Program in Nanotechnology for Cancer Research   | WIRTZ, DENIS                     | Awarded. Non-fellowships only | 2015/09/01 | 2027/02/25 | \$1,565,918 | \$1,565,918 | \$1,018,686 | \$432,798 |
| 5,139 | T32AT003378 | 3T32AT003378-18S2 | UNIV OF NORTH CAROLINA CHAPEL HILL    | T32 Predoctoral Diversity Supplement for Victoria Behm   | GAYLORD, SUSAN                   | Awarded. Non-fellowships only | 2007/07/01 | 2027/06/30 | \$1,293,650 | \$1,293,650 | \$1,147,609 | \$54,090  |
| 5,140 | F31EY037507 | 1F31EY037507-01   | DUKE UNIVERSITY                       | Neural mechanisms of visuomotor transformations in larval zebrafish  | FOUKE, KAITLYN ELISE             | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$42,074    | \$42,074    | \$0         | \$42,074  |
| 5,141 | F32MH138082 | 1F32MH138082-01A1 | DUKE UNIVERSITY                       | Circuit-specific plasticity mechanisms for habitual behavior   | MORRIS, CAMERON WAYNE            | Awarded. Fellowships only     | 2025/04/01 | 2028/03/31 | \$77,284    | \$77,284    | \$0         | \$77,284  |
| 5,142 | T32GM141742 | 3T32GM141742-04S1 | UNIVERSITY OF COLORADO DENVER         | Predoctoral Training in the Genetics of Development, Disease and Regeneration  | MOORE, JEFFREY KYLE              | Awarded. Non-fellowships only | 2021/07/01 | 2026/06/30 | \$1,340,182 | \$1,340,182 | \$1,111,351 | \$129,126 |
| 5,143 | F32HD118681 | 1F32HD118681-01   | UNIVERSITY OF MISSISSIPPI MED CTR     | B Cells in Preeclampsia: Long-term Effects on Offspring  | CAMPBELL, NATHAN E               | Awarded. Fellowships only     | 2025/04/11 | 2028/04/10 | \$73,828    | \$73,828    | \$0         | \$73,828  |
| 5,144 | F32HD116425 | 1F32HD116425-01A1 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY | Developing a Biomimetic Lactating Mammary Lobe for Therapeutic Safety  | LEE, AMY H                       | Awarded. Fellowships only     | 2025/04/01 | 2027/07/31 | \$76,756    | \$76,756    | \$0         | \$76,756  |
| 5,145 | F31DC022514 | 1F31DC022514-01A1 | NEW YORK UNIVERSITY                   | Enhancing AI-based Speech Therapy through Acoustic-Derived Articulatory Feedback   | EADS, AMANDA R                   | Awarded. Fellowships only     | 2024/12/01 | 2026/11/30 | \$32,974    | \$32,974    | \$6,000     | \$32,974  |
| 5,146 | F30CA287792 | 5F30CA287792-02   | COLUMBIA UNIVERSITY HEALTH SCIENCES   | Improving bacterial cancer therapeutics  | CHEN, NOAH                       | Awarded. Fellowships only     | 2024/03/01 | 2028/02/28 | \$101,874   | \$101,874   | \$50,937    | \$50,937  |
| 5,147 | F31ES036425 | 1F31ES036425-01A1 | WAYNE STATE UNIVERSITY                | Uncovering the Molecular Signature of PFAS Mixtures on Preconception Male Reproductive Health  | MAXWELL, DRUANNE                 | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$47,589    | \$47,589    | \$0         | \$47,589  |
| 5,148 | F30HL172583 | 5F30HL172583-02   | WASHINGTON UNIVERSITY                 | Exploring the immunomodulatory effects of anti-FAP CAR T cells in cardiac fibrosis   | YANG, STEVEN                     | Awarded. Fellowships only     | 2024/02/01 | 2027/08/31 | \$69,246    | \$69,246    | \$42,325    | \$34,623  |
| 5,149 | F31HD116433 | 1F31HD116433-01A1 | UNIVERSITY OF PENNSYLVANIA            | Investigating the role of Kif2c in transforming the microtubule cytoskeleton at the oocyte-to-embryo transition  | MARVIN, ALLISON                  | Awarded. Fellowships only     | 2025/04/01 | 2028/08/31 | \$48,974    | \$48,974    | \$2,352     | \$48,974  |

|       |             |                   |  |   |                          |                               |            |            |             |             |             |           |
|-------|-------------|-------------------|--|---|--------------------------|-------------------------------|------------|------------|-------------|-------------|-------------|-----------|
| 5,150 | F31MH140567 | 1F31MH140567-01   | WASHINGTON UNIVERSITY                    | Negative Symptoms, Cognition, and Functional Connectivity: Optimizing Transdiagnostic Relationships by Leveraging Advanced Techniques   | DALLOUL, NADA ASSAAD     | Awarded. Fellowships only     | 2025/04/01 | 2027/03/31 | \$48,974    | \$48,974    | \$0         | \$48,974  |
| 5,151 | F32HD118693 | 1F32HD118693-01   | BAYLOR COLLEGE OF MEDICINE               | Implications for iron homeostasis and ferroptosis in early pregnancy and endometriosis  | THAPA, RUPAK             | Awarded. Fellowships only     | 2025/04/17 | 2028/04/16 | \$76,828    | \$76,828    | \$0         | \$76,828  |
| 5,152 | F30CA271665 | 5F30CA271665-03   | TUFTS UNIVERSITY BOSTON                  | Life Course Developmental and Reproductive Predictors of Increased Mammographic Breast Density in Black Women   | BIGHAM, ZAHNA            | Awarded. Fellowships only     | 2023/03/16 | 2027/03/15 | \$150,638   | \$150,638   | \$110,205   | \$53,974  |
| 5,153 | T32HD049311 | 5T32HD049311-19   | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI  | Research Training Program in Pediatric Exposomics   | WRIGHT, ROBERT O         | Awarded. Non-fellowships only | 2007/05/01 | 2027/04/30 | \$1,898,537 | \$1,898,537 | \$1,187,898 | \$506,955 |
| 5,154 | F31CA284668 | 5F31CA284668-02   | CLEVELAND CLINIC LERNER COM-CWRU         | Ribonucleotide Reductase as a Driver of Breast Cancer Aggressiveness  | BRZOWSKI, TAYLOR LYNN    | Awarded. Fellowships only     | 2024/05/01 | 2026/04/30 | \$97,368    | \$97,368    | \$31,375    | \$48,684  |
| 5,155 | F31CA284547 | 5F31CA284547-03   | UNIVERSITY OF CINCINNATI                 | Targeting fibrosis to change cancer outcomes  | BRECKENRIDGE, JOEY EMERY | Awarded. Fellowships only     | 2023/08/15 | 2028/08/16 | \$96,640    | \$96,639    | \$76,922    | \$48,960  |
| 5,156 | F31NS134277 | 5F31NS134277-02   | BOSTON UNIVERSITY (CHARLES RIVER CAMPUS) | Examining Sex-Specific Effects on White Matter Integrity and Brain Function in Familial Alzheimers Disease and Vascular Dementia  | GIUDICESSI, AVERI JORDIN | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$87,965    | \$87,965    | \$44,180    | \$38,991  |
| 5,157 | F31CA290944 | 5F31CA290944-02   | VIRGINIA COMMONWEALTH UNIVERSITY         | Elacestrant in breast cancer bone metastases  | ZBORIL, EMILY KATE       | Awarded. Fellowships only     | 2024/04/10 | 2027/04/09 | \$86,808    | \$86,808    | \$40,218    | \$43,404  |
| 5,158 | F32EY034358 | 3F32EY034358-03S1 | BAYLOR COLLEGE OF MEDICINE               | Mechanisms that govern dopaminergic amacrine cell diversity   | MACCKIN, ROBERT          | Awarded. Fellowships only     | 2022/09/30 | 2025/09/29 | \$216,430   | \$216,430   | \$166,101   | \$3,000   |
| 5,159 | F31DC022795 | 1F31DC022795-01A1 | HARVARD MEDICAL SCHOOL                   | Human otopathology without invading the cochlea imaged using optical coherence tomography and verified with novel histological technique  | SECCHIA, PAUL            | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$36,983    | \$36,983    | \$0         | \$36,983  |
| 5,160 | F32HL168968 | 3F32HL168968-02S1 | UNIVERSITY OF MICHIGAN AT ANN ARBOR      | A Magnetic Resonance Imaging Based Computational Analysis of Plaque Morphology and Hemodynamics in Patients with High Grade Asymptomatic Carotid Artery Stenosis                  | BRAET, DREW JACKSON      | Awarded. Fellowships only     | 2023/07/01 | 2025/06/30 | \$158,184   | \$158,184   | \$134,710   | \$3,000   |
| 5,161 | F31HL172360 | 5F31HL172360-02   | DUKE UNIVERSITY                          | Determining the role of TP53 regulation in alveolar epithelial transitional cell state, and the contribution of alveolar epithelial transitional cell state to pulmonary fibrosis | MOROWITZ, JEREMY         | Awarded. Fellowships only     | 2024/03/01 | 2026/08/31 | \$90,189    | \$90,189    | \$46,253    | \$41,215  |
| 5,162 | F32NS134561 | 5F32NS134561-02   | UNIVERSITY OF COLORADO DENVER            | Spatiotemporal encoding of goal-directed reaching across early cerebellar circuitry   | NGUYEN, KATRINA          | Awarded. Fellowships only     | 2024/01/01 | 2026/12/31 | \$148,112   | \$148,112   | \$91,667    | \$74,284  |
| 5,163 | F32NS134612 | 5F32NS134612-02   | UNIVERSITY OF COLORADO DENVER            | Investigating the role of Wnt signaling effectors on the neuron-glia switch and OPC specification during development and after injury.  | ARENA, KIMBERLY          | Awarded. Fellowships only     | 2024/01/01 | 2026/11/30 | \$148,112   | \$148,112   | \$93,586    | \$74,284  |
| 5,164 | F31NS135947 | 5F31NS135947-02   | SALK INSTITUTE FOR BIOLOGICAL STUDIES    | The Effect of Social Isolation on Inhibitory Modulation of Tactile Processing   | MOSKO, JACQUELINE ROSE   | Awarded. Fellowships only     | 2024/01/01 | 2027/12/31 | \$89,205    | \$89,205    | \$51,320    | \$44,886  |
| 5,165 | F31AI181453 | 5F31AI181453-02   | UNIVERSITY OF VIRGINIA                   | Mutual regulation between membrane rafts and protein condensates in T cell activation   | CHAN, SZE HAM            | Awarded. Fellowships only     | 2024/05/01 | 2027/04/30 | \$76,189    | \$76,189    | \$38,006    | \$38,183  |
| 5,166 | T35EY032441 | 5T35EY032441-04   | UNIVERSITY OF THE INCARNATE WORD         | Enhancement of Optometric Education with Basic, Applied and Clinical Research   | RABIN, JEFFREY C         | Awarded. Non-fellowships only | 2022/05/01 | 2027/04/30 | \$116,133   | \$116,133   | \$82,490    | \$29,506  |
| 5,167 | T35EB006732 | 5T35EB006732-19   | WEILL MEDICAL COLL OF CORNELL UNIV       | Clinical Summer Immersion for Biomedical Engineering PhD Students   | WANG, YI                 | Awarded. Non-fellowships only | 2006/09/30 | 2027/03/31 | \$611,339   | \$611,339   | \$382,754   | \$163,170 |
| 5,168 | F32GM146423 | 3F32GM146423-02S1 | UNIVERSITY OF CHICAGO                    | Assessing the generality of sexual conflict in new gene evolution in Drosophila   | ARSALA, DEANNA           | Awarded. Fellowships only     | 2022/09/01 | 2025/08/31 | \$213,430   | \$213,430   | \$122,902   | \$76,756  |
| 5,169 | F31AI191426 | 1F31AI191426-01   | DUKE UNIVERSITY                          | Defining the role of the RGS12 locus in macrophage function   | LOWY, JACOB              | Awarded. Fellowships only     | 2025/05/01 | 2028/04/30 | \$42,321    | \$42,321    | \$0         | \$42,321  |

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|-------|-------------|-------------------|------------------------------------|---|-------------------------|---------------------------|------------|------------|-----------|-----------|-----------|----------|
| 5,170 | F31DC022146 | 1F31DC022146-01A1 | HARVARD MEDICAL SCHOOL             | Assessing Longitudinal Changes In Peripheral Versus Central Processing of Newly Implanted Cochlear Implant Recipients | HEM, CHARLES BEAL       | Awarded. Fellowships only | 2025/02/01 | 2027/01/31 | \$36,983  | \$36,983  | \$11,272  | \$36,983 |
| 5,171 | F31CA284842 | 5F31CA284842-02   | JOHNS HOPKINS UNIVERSITY           | Role of the chromatin regulator HMGA1 in KMT2A-rearranged leukemia  | WEST, BAILEY            | Awarded. Fellowships only | 2024/04/03 | 2027/04/02 | \$97,948  | \$97,948  | \$36,357  | \$48,974 |
| 5,172 | F30HD107943 | 5F30HD107943-04   | WEILL MEDICAL COLL OF CORNELL UNIV | Metabolic control of exit from naïve pluripotency   | JACKSON, BENJAMIN TONNU | Awarded. Fellowships only | 2022/04/15 | 2026/04/14 | \$211,678 | \$211,678 | \$151,180 | \$53,974 |