National Institute of General Medical Sciences

CONGRESSIONAL JUSTIFICATION
FY 2027

Department of Health and Human Services
National Institutes of Health

National Institute of
General Medical Sciences

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

NATIONAL INSTITUTES OF HEALTH

National Institute of General Medical Sciences (NIGMS)

FY 2027 Budget Table of Contents

General Notes

1. FY 2026 Enacted levels cited in this document include the effects of the FY 2026 HIV/AIDS transfer.
2. Estimates assume reauthorization of the SBIR/STTR program in FY 2026 and FY 2027.
3. Detail in this document may not sum to the subtotals and totals due to rounding.

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National Institute of General Medical Sciences Overview

The National Institute of General Medical Sciences (NIGMS) is a cornerstone for basic science investment, supporting fundamental biomedical research that increases our understanding of biological processes and lays the foundation for advances in disease prevention, diagnosis, and treatment. NIGMS also supports research in clinical areas that span multiple organ systems, such as sepsis and wound healing. Aligning with one of NIH's priorities to train future biomedical scientists, NIGMS leads efforts to cultivate future scientists and to develop institutional research capacity in states throughout the country.

NIGMS enables investigators to conduct creative and ambitious research via innovative funding mechanisms and support of research-enabling technologies. NIGMS' innovative Maximizing Investigators' Research Award (MIRA) program, for instance, focuses on programs of research rather than a series of narrowly-defined projects to allow researchers to pursue novel directions and insights wherever they lead. For early-stage investigators (ESIs), MIRA applications do not require preliminary data and instead emphasize the strength and potential of proposed concepts. The institute's emphasis on ESIs has allowed NIGMS to triple the number of ESIs funded between 2013 and 2023 and maintain that level of support. Other NIGMS programs support the development, maturation, and dissemination of cutting-edge technologies to jumpstart research on both a regional and national level.

NIGMS also supports scientific talent development at institutions nationwide, by funding the largest fraction of scientific trainees of any NIH Institute or Center (IC), from the undergraduate to the postdoctoral levels. In addition to supporting traditional research training, NIGMS administers several programs designed to further strengthen scientific training at resource-limited institutions. These programs include predoctoral training support for institutions that have a critical mass of trainees only across multiple departments, physician-scientist training for states and institutions with a history of low NIH funding, and an upcoming program focused on undergraduate research training. Several NIGMS research and capacity building programs provide mentored student research experiences as well.

Building research capacity is another major component of NIGMS' mission. A large share of this effort is carried out through the Congressionally-mandated Institutional Development Award (IDeA) program. IDeA supports research capacity building in states and jurisdictions that have historically had low levels of NIH funding. This program provides resources to institutions in 23 states and Puerto Rico through a variety of funding initiatives to establish and enhance biomedical research capacity, including state-wide academic research networks, institutional centers of excellence, and clinical trial networks that serve the needs of local and rural communities. In addition, NIGMS supports research training and capacity-building activities conducted by Federally-recognized Tribal entities. For example, NIGMS recently launched programs to supplement the Native American Research Centers for Health (NARCH) program by building Tribal capacity for human subjects research and research training.

Major Changes in the Budget Request

Major changes by budget mechanism and/or budget activity detail are briefly described below. The FY 2027 budget request for National Institute of General Medical Sciences (NIGMS) is $3,248.4 million, $2,988.4 million in budget authority and $260.0 million in PHS evaluation funds, a decrease of $21.3 million compared to the FY 2026 Enacted level. The FY 2027 President's Budget reflects the Administration's fiscal policy goals for the Federal Government. Within this framework, NIGMS will pursue its highest research priorities through strategic investments and careful stewardship of appropriated funds:

Research Project Grants (-$13.8 million; total $2,257.8 million):

NIGMS will continue to prioritize the support of Research Project Grants (RPGs) in FY 2027. Through sustained investment in new and early-stage investigators, particularly via programs such as the Maximizing Investigators' Research Award (MIRA), NIGMS will maintain its commitment to strengthening the biomedical research workforce. Investigator-initiated research, technology development, Academic Research Enhancement Awards, and Support for Research Excellence programs will remain high-priority areas.

Consistent with other NIH Institutes, the competing RPG level reflects the new NIH full funding policy, which requires that all new research project grant awards obligate 100 percent of their multi-year commitments at the time of award rather than deferring outyear obligations to future fiscal years. Non-competing RPG commitments will be funded at 10 percent below committed levels in FY 2027. Overall, RPG funding will decrease 0.6 percent compared to the FY 2026 Enacted level.

Research Center Grants (-$3.0 million; total $455.0 million):

In FY 2027, NIGMS will continue to maintain its research center grant portfolio. Overall funding for the Centers mechanism will decrease by 0.7 percent relative to the FY 2026 Enacted level. Consistent with the Institute's overall budget trend, the Institutional Development Award (IDeA) program will decrease by 0.7 percent compared to the FY 2026 Enacted level. The IDeA total program level in FY 2027 is proposed at $448.0 million.

Other Research (-$1.0 million; total $149.1 million):

NIGMS will continue its support of its National and Regional Resources, Centers for Cryoelectron Microscopy, Innovative Programs to Enhance Research Training, and High-End Instrumentation Grant Program. Overall, the Other Research mechanism decreases by 0.7 percent relative to the FY 2026 Enacted level.

Ruth L. Kirchstein Training Awards (-$1.8 million; total $273.6 million):

Stipends, Training-Related Expenses and Institutional Allowance (TRE/IA) for predoc and postdoc trainees will be frozen in FY 2027. The childcare allowance subsidy will remain at levels provided in FY 2024.

In FY 2027, the National Research Service Award (NRSA) full-time equivalent training positions (FTTP) will decrease by 32 FTTPs and overall budget by 0.7 percent relative to the FY 2026 Enacted level.

Intramural Research (-$1.2 million; total $0.9 million):

NIGMS will continue to wind down funding for its intramural program. Support for the previous Director's Lab will discontinue in FY 2027. Additionally, support for the Postdoctoral Research Associate Training (PRAT) Program will continue its planned sunsetting. Relative to the FY 2026 Enacted level, Intramural Research will decrease by 56.3 percent.

Research Management and Support (-$1.1 million; total $86.4 million):

The FY 2027 research management and support budget reflects a 1.2 percent decrease over the FY 2026 Enacted level. The request fully funds anticipated pay adjustments and increases in benefits for RMS employees, with an allowance for inflation in non-pay costs. NIGMS relies on its workforce to conduct core grant and contract review, award, and oversight activities. This budget request aligns with the budget proposal to cap Title 42 salaries and supports the management of NIH and NIGMS infrastructure.

NATIONAL INSTITUTES OF HEALTH

National Institute of General Medical Sciences

Budget Mechanism *

(Dollars in Thousands)

Mechanism	FY 2025 Final		FY 2026 Enacted		FY 2027 President's Budget		FY 2027 +/- FY 2026	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Research Projects:								
Noncompeting	3,703	$1,565,066	3,424	$1,463,597	3,749	$1,490,261	325	$26,664
Administrative Supplements	*(198)*	$15,079	*(264)*	$20,078	*(264)*	$20,078	*(0)*	-$1
Competing:								
Renewal	310	$184,943	390	$182,836	153	$172,419	-237	-$10,417
New	702	$395,450	1,054	$494,336	412	$466,171	-642	-$28,165
Supplements	0	$0	0	$0	0	$0	0	$0
Subtotal, Competing	**1,012**	**$580,393**	**1,444**	**$677,172**	**565**	**$638,590**	**-879**	**-$38,582**
Subtotal, RPGs	4,715	$2,160,538	4,868	$2,160,847	4,314	$2,148,928	-554	-$11,919
SBIR/STTR	155	$104,652	164	$110,765	161	$108,876	-3	-$1,889
Research Project Grants	4,870	$2,265,190	5,032	$2,271,612	4,475	$2,257,804	-557	-$13,808
Research Centers								
Specialized/Comprehensive	179	$435,693	188	$455,693	203	$452,725	15	-$2,968
Clinical Research	0	$0	0	$0	0	$0	0	$0
Biotechnology	3	$3,527	0	$0	0	$0	0	$0
Comparative Medicine	1	$2,268	1	$2,268	1	$2,253	0	-$15
Research Centers in Minority Institutions	0	$0	0	$0	0	$0	0	$0
Research Centers	**183**	**$441,487**	**189**	**$457,961**	**204**	**$454,978**	**15**	**-$2,983**
Other Research:								
Research Careers	105	$28,782	105	$28,782	104	$28,595	-1	-$187
Cancer Education	0	$0	0	$0	0	$0	0	$0
Cooperative Clinical Research	0	$0	0	$0	0	$0	0	$0
Biomedical Research Support	16	$19,856	16	$19,856	16	$19,727	0	-$129
Other Biomedical Research Support	33	$9,870	8	$6,997	8	$6,951	0	-$46
Other	158	$93,770	159	$94,409	158	$93,794	-1	-$615
Other Research	**312**	**$152,278**	**288**	**$150,044**	**286**	**$149,067**	**-2**	**-$977**
Total Research Grants	5,365	$2,858,955	5,509	$2,879,617	4,965	$2,861,849	-544	-$17,768
Ruth L Kirschstein Training Awards:	FTTPs		FTTPs		FTTPs		FTTPs	
Individual Awards	170	$10,798	172	$10,949	171	$10,878	-1	-$71
Institutional Awards	4,718	$260,840	4,784	$264,492	4,753	$262,769	-31	-$1,723
Total Research Training	**4,888**	**$271,638**	**4,956**	**$275,441**	**4,924**	**$273,647**	**-32**	**-$1,794**
Research & Develop. Contracts	5	$25,094	5	$25,037	6	$25,563	1	$526
SBIR/STTR (non-add)	*(0)*	*($2,966)*	*(0)*	*($2,181)*	*(0)*	*($2,227)*	*(0)*	*($46)*
Intramural Research	0	$3,261	0	$2,078	0	$909	0	-$1,169
Res. Management & Support	195	$85,731	195	$87,506	195	$86,413	0	-$1,093
SBIR Admin. (non-add)		*($63)*		*($63)*		*($62)*		*-($1)*
Construction		$0		$0		$0		$0
Buildings and Facilities		$0		$0		$0		$0
Total, NIGMS	**195**	**$3,244,679**	**195**	**$3,269,679**	**195**	**$3,248,381**	**0**	**-$21,298**

* All items in italics and brackets are non-add entries.

NATIONAL INSTITUTES OF HEALTH
National Institute of General Medical Sciences

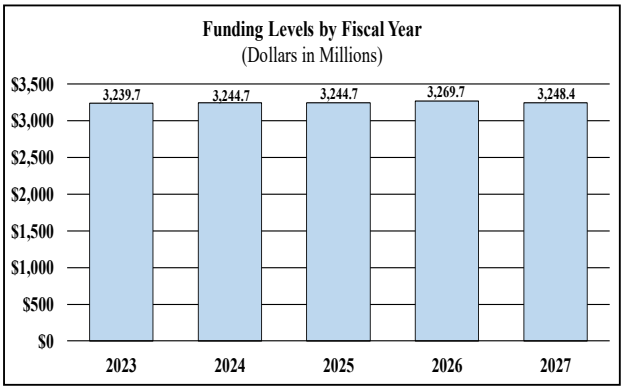
Summary of Changes
(Dollars in Thousands)

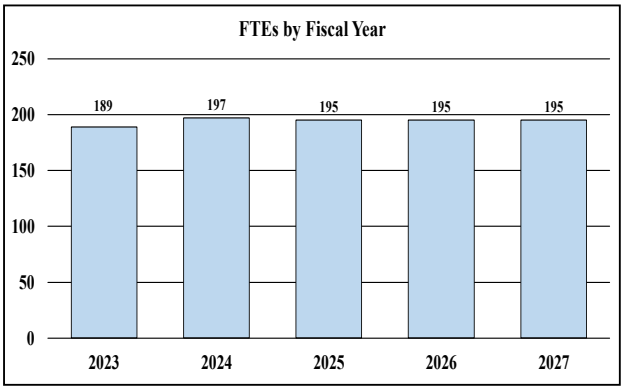
FY 2026 Enacted	$3,269,679
FY 2027 President's Budget	$3,248,381
Net change	-$21,298

CHANGES	FY 2026 Enacted FTEs	FY 2026 Enacted Budget Authority	FY 2027 President's Budget FTEs	FY 2027 President's Budget Budget Authority	Built-In Change from FY 2026 Enacted FTEs	Built-In Change from FY 2026 Enacted Budget Authority
A. Built-in:						
1. Intramural Research:						
a. Annualization of FY 2026 pay and benefits increase		$723		$0		$2
b. FY 2027 pay and benefits increase		$723		$0		$0
c. Paid days adjustment		$723		$0		$0
d. Differences attributable to change in FTE		$723		$0		$0
e. Payment for centrally furnished services		$161		$144		-$16
f. Cost of laboratory supplies, materials, other expenses, and non-recurring costs		$1,195		$765		-$32
Subtotal						-$46
2. Research Management and Support:						
a. Annualization of FY 2026 pay and benefits increase		$45,239		$45,344		$170
b. FY 2027 pay and benefits increase		$45,239		$45,344		-$6
c. Paid days adjustment		$45,239		$45,344		$0
d. Differences attributable to change in FTE		$45,239		$45,344		$0
e. Payment for centrally furnished services		$11,314		$10,183		-$1,131
f. Cost of laboratory supplies, materials, other expenses, and non-recurring costs		$30,953		$30,886		-$308
Subtotal						-$1,275
Subtotal, Built-in						-$1,321

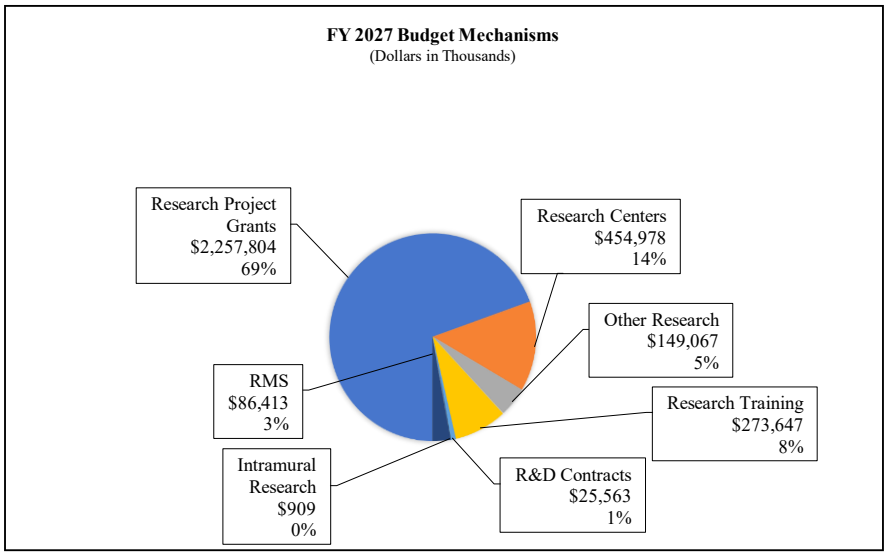
CHANGES	FY 2026 Enacted No.	FY 2026 Enacted Amount	FY 2027 President's Budget No.	FY 2027 President's Budget Amount	Program Change from FY 2026 Enacted No.	Program Change from FY 2026 Enacted Amount
B. Program:						
1. Research Project Grants:						
a. Noncompeting	3,424	$1,483,675	3,749	$1,506,840	325	$23,165
b. Competing	1,444	$677,172	568	$642,088	-876	-$35,084
c. SBIR/STTR	164	$110,765	161	$108,876	-3	-$1,889
Subtotal, RPGs	5,032	$2,271,612	4,478	$2,257,804	-554	-$13,808
2. Research Centers	189	$457,961	204	$454,978	15	-$2,983
3. Other Research	288	$150,044	286	$149,067	-2	-$977
4. Research Training	4,956	$275,441	4,924	$273,647	-32	-$1,794
5. Research and development contracts	5	$25,037	6	$25,563	1	$526
Subtotal, Extramural		$3,180,095		$3,161,059		-$19,036
6. Intramural Research	0	$2,078	0	$909	0	-$1,123
7. Research Management and Support	195	$87,506	195	$86,413	0	$182
8. Construction		$0		$0		$0
9. Buildings and Facilities		$0		$0		$0
Subtotal, program changes						-$19,977
Total built-in and program changes	195	$3,269,679	195	$3,248,381	0	-$21,298

History of Budget Authority and FTEs:

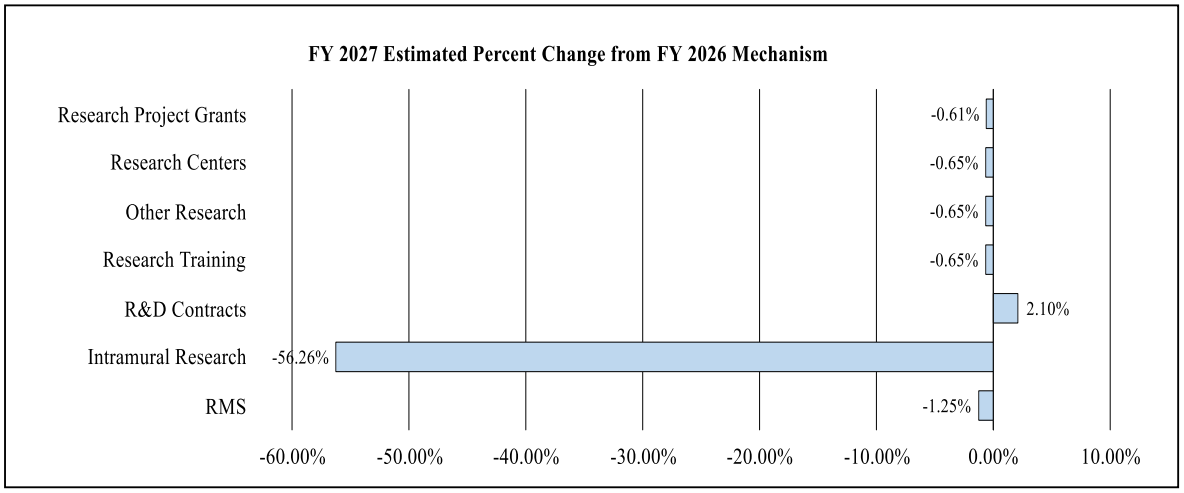




Distribution by Mechanism:



Change by Selected Mechanisms:



NATIONAL INSTITUTES OF HEALTH
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Budget Authority by Activity *
(Dollars in Thousands)

	FY 2025 Final		FY 2026 Enacted		FY 2027 President's Budget		FY 2027 +/- FY 2026 Enacted	
Extramural Research	**FTE**	**Amount**	**FTE**	**Amount**	**FTE**	**Amount**	**FTE**	**Amount**
Detail								
Biophysics, Biomedical Technology, and Computational Biosciences		$659,829		**		$660,952		**
Genetics and Molecular, Cellular, and Developmental Biology		$973,913		**		$975,571		**
Pharmacology, Physiology and Biological Chemistry		$678,873		**		$680,028		**
Division of Training and Workforce Development		$333,984		**		$334,552		**
Division for Research Capacity Building		$509,088		$450,956		$509,955		$58,999
(Institutional Development Award (IDeA))		*($430,956)*		*($450,956)*		*($448,019)*		*-($2,937)*
Subtotal, Extramural		**$3,155,687**		**$3,180,095**		**$3,161,059**		**-$19,036**
Intramural Research	**0**	**$3,261**	**0**	**$2,078**	**0**	**$909**	**0**	**-$1,169**
Research Management & Support	**195**	**$85,731**	**195**	**$87,506**	**195**	**$86,413**	**0**	**-$1,093**
TOTAL	**195**	**$3,244,679**	**195**	**$3,269,679**	**195**	**$3,248,381**	**0**	**-$21,298**

* Includes FTEs whose payroll obligations are supported by the NIH Common Fund.

** For FY 2026 Enacted, funding levels are displayed for statutory and report-directed PPAs. Amounts with an asterisk represent other PPAs as levels have not yet been determined.

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National Institute of General Medical Sciences

Budget Authority (BA):

	FY 2025 Final	FY 2026 Enacted	FY 2027 President's Budget	FY 2027 +/- FY 2026
BA	$3,244,679,000	$3,269,679,000	$3,248,381,000	-21,298,000
FTE	195	195	195	0

Program funds are allocated as follows: Competitive Grants/Cooperative Agreements; Contracts; Direct Federal/Intramural and Other.

Overall Budget Policy: The FY 2027 President's Budget request for the NIGMS is $3,248.4 million, a decrease of $21.3 million or 0.7 percent compared with the FY 2026 Enacted level. This funding level includes $260.0 million in Public Health Service program evaluation funds, a decrease of $1,167.5 million or 81.8 percent compared with the FY 2026 Enacted level. This request allows NIGMS to continue the evolution of programs addressing research into issues of training a broad biomedical research workforce for the future and building research capacity across the nation.

Program Descriptions

Genetics and Molecular, Cellular, and Developmental Biology (GMCDB)
The GMCDB division advances research into the structure and function of cells and cellular components, as well as the cellular and molecular mechanisms that drive inheritance, gene expression, and development. Spanning work in bacteria and yeast to human genes and cells, this research provides the fundamental knowledge needed to improve in diagnosis, prevention, and treatment of a wide variety of diseases.

As one example of research in this area, GMCDB has funded multiple awards that work to develop new molecular tools that may more efficiently edit the genome. One team of NIGMS-supported researchers recently collaborated to create a new form of the CRISPR-Cas9 gene editing tool that acts like a molecular "shredder," editing long stretches of DNA with high specificity.[1] The development of tools like this one, with broad potential application across a wide range of diseases, helps translate basic science discoveries to improvements in human health.

Budget Policy: The FY 2027 President's Budget request for the GMCDB program is $975.6 million. GMCDB expenditures will support individual investigators seeking fundamental

[1] sciencedirect.com/science/article/pii/S1097276519302175?via%3Dihub

knowledge about biological processes. GMCDB will also continue its support for collaborative research on cellular, molecular, and genomic studies, as well as research into specific genetic variants within complex disorders.

Pharmacology, Physiology, and Biological Chemistry (PPBC)

The PPBC division supports research to improve the molecular-level understanding of biological processes and identify approaches to modify or use those processes to treat disease. Research supported by PPBC addresses problems in pharmacology, physiology, and biological chemistry that are basic in nature. The division supports state-of-the art research approaches that employ optimal research organisms for the problems being addressed. Research highlights in this area include:

Diagnosing sepsis earlier: In line with an NIH priority on artificial intelligence, NIGMS has supported the development of Artificial Intelligence/Machine Learning (AI/ML) tools to aid in the diagnosis of sepsis. Leveraging sepsis data, researchers have developed AI tools to identify the group of sepsis patients who will most likely deteriorate in the early stage of the disease, allowing doctors to intervene. One of these tools represented the first AI-based clinical decision tool to receive FDA approval. Other tools have used similar approaches to bring personalized, early prediction to the clinic and reduce associated mortality.

Collaborating to better understand healing from burns: Three independent NIGMS grantees have collaborated to perform a complex analysis of burn wound healing, leveraging specialties in imaging, computational models, and genomic sequencing. One research team developed novel imaging techniques to differentiate the severity of burn wounds, while others investigated white blood cell movement after a burn via computational models. A third research team identified new wound healing pathways by integrating single cell RNA sequencing data with imaging and computational datasets. This foundational work, approached collaboratively through different lenses, ensures an increased and robust understanding for burn wound healing that has broader applications in regenerative medicine.

Budget Policy: The FY 2027 President's Budget request for the PPBC program is $680.0 million. PPBC investments will emphasize the support of investigator-initiated research grants related to basic pharmacology, biochemistry, and chemistry that inform knowledge of how small molecules influence human health. Additionally, the division supports clinical research about fundamental health and disorders that affect multiple organ systems, and partners with others to accomplish specific objectives including in critical illness and sepsis.

Biophysics, Biomedical Technology, and Computational Biosciences (BBCB)

The BBCB division supports the development and dissemination of new technologies and tools for scientific discovery. It enables scientific discoveries by funding resources that provide the biomedical research community with access to and training in cutting-edge technologies and tools. The division also supports individual investigators to employ modern technology to investigate the mechanistic underpinnings of biological processes. Examples of impact include:

Developing new reagents to study protein signaling: NIGMS funding supported the development of methods and reagents to identify and quantify ubiquitinated proteins, which are proteins marked with a molecular tag called ubiquitin that can mark them for degradation or movement within the cell. A Small Business Innovation Research (SBIR) project is developing next generation reagents that can be used to study histone ubiquitination signaling. These reagents are commercialized as small business products with applications in studies of DNA replication, transcription, and repair and may impact disease pathogenesis research.

Providing institutions access to research instruments: BBCB also oversees activities to provide researchers cutting-edge technologies that enable discovery. Through its management of the NIH-wide Instrumentation for Resource Limited Institutions (RLI) program, BBCB coordinated funding to 29 RLIs for purchase of modern instruments to use in research and education. Finally, the division collaborated with the NIH Office of Research Infrastructure Progress to provide $18 million in funding for shared research instruments for investigators at institutions throughout the country.

Budget Policy: The FY 2027 President's Budget request for the BBCB program is $661.0 million. BBCB will continue to fund investigator-initiated research to unravel the mechanisms that govern biological processes and develop novel methods, instruments, and computational approaches to advance biomedical discovery. The division will also maintain support for technological resources that facilitate research by the broad biomedical research community.

Division of Training and Workforce Development (TWD)

TWD funds research training, education, and career development activities through a variety of programs across educational and career stages. In addition to these training programs, TWD provides support for research and research training capacity building and research training conferences.

NIGMS is expanding the institutional and geographic reach of rigorous, basic biomedical training programs through the Trans-Departmental Basic Biomedical Sciences program. This program allows institutions without a critical mass of predoctoral trainees in a single department to receive training support for a group of trainees across multiple departments. NIGMS supports the only NIH-funded institutional training programs in the states of Nevada and Maine, the second program in the state of Oklahoma, and the first program at the University of Rhode Island (all Institutional Development Award states).

Finally, recognizing that many resource-limited institutions (RLIs) lack the staff, resources, and/or infrastructure to assemble competitive institutional training grants, NIGMS launched the Biomedical Research Environment & Sponsored Programs Administration Development (BRE-SPAD) program. This program focuses on RLIs with few to no biomedical research doctoral students. BRE-SPAD will increase their capacity to apply for and administer grants, enhancing their research environments for the benefit of trainees.

Budget Policy: The FY 2027 President's Budget request for TWD activities is $334.6 million. The FY 2027 request includes keeping the NRSA stipends and TRE/IA benefits for predoc and

postdoc trainees frozen with the childcare allowance subsidy remaining at levels provided in FY 2024. TWD will continue to support the research training programs highlighted above and the Individual and Institutional Training awards.

Division for Research Capacity Building (DRCB)

The DRCB division administers programs that support research, research infrastructure improvement, faculty development, and research training. Through the Support for Research Excellence (SuRE) program, DRCB provides research grant support for faculty investigators who are not currently funded by other NIH Research Project Grants (RPGs) and plan to engage students in high-quality undergraduate and/or graduate research experiences. DRCB also provides awards for educational activities for pre-college students (pre-kindergarten to grade 12) to ensure that students and teachers across the country have the opportunity to pursue studies in science, technology, engineering, and mathematics (STEM). To build the capacity of Tribal nations, colleges, and universities, the Native American Research Centers for Health (NARCH) program funds federally recognized American Indian/Alaska Native (AI/AN) tribes and tribal entities for health research, career and infrastructure enhancement activities.

A cornerstone of NIGMS research capacity building efforts is the Institutional Development Award (IDeA). The Congressionally mandated IDeA program broadens the geographic distribution of NIH funding and currently supports biomedical research in 23 states and Puerto Rico. As an example of its impact, a center in Kansas has supported junior faculty scientists who have gone to secure more than $40.5 million of external funding for their research.[2] A recent analysis found that institutional participation in the Maine IDeA network has led to more than 2,600 students in Maine receiving hands-on biomedical research experiences. These experiences have contributed to a 65 percent increase in science majors at participating colleges over the past 5 years, with 90 percent of graduates pursuing advanced degrees/careers in scientific and medical fields.[3]

Budget Policy: The FY 2027 President's Budget request for the DRCB program is $510.0 million, of which $448.0 million is proposed for the IDeA program. The IDeA program will receive a decrease of $2.9 million, or 0.7 percent compared with the IDeA FY 2026 Enacted level. DRCB will support new and continuing awards in these programs that provide innovative research, research infrastructure enhancement, faculty development, and research training.

Intramural Research

NIGMS has a small intramural research training program, the NIGMS Postdoctoral Research Associate Training (PRAT) Program. The PRAT Program is a competitive three-year postdoctoral fellowship that provides high quality research training in the basic biomedical sciences in intramural research laboratories at other NIH institutes and centers. PRAT will be sunsetting following support of the current, final cohort of fellows, and the program will end after FY 2027.

[2] news.ku.edu/news/article/2022/10/20/5-point-7-million-nih-grant-will-fund-final-stretch-successful-15-year-ku-initiative

[3] mdibl.org/press-release/maines-biomedical-research-and-training-network-awarded-19-4-million/

Budget Policy: The FY 2027 President's Budget request for NIGMS intramural research is $0.9 million, a decrease of $1.2 million or 56.3 percent compared to the FY 2026 Enacted level.

Research Management and Support (RMS)

RMS provides administrative, budgetary, logistical, and scientific support toward the review, award, and monitoring of research grants, training awards, and research and development contracts. RMS funds also support strategic planning, coordination, and evaluation of NIGMS programs; regulatory compliance; and coordination and engagement with other Federal agencies, Congress, and the general public. RMS continues to fund development and enhancements to enterprise information technology tools which facilitate the review, award, funding, and monitoring of grants and contracts. Utilizing technologies such as Natural Language Processing, AI, and data reporting and visualization toolsets, funds are allocated to enterprise applications that facilitate the overall grants business process lifecycle and improve decision support capability.

Budget Policy: The FY 2027 President's Budget request for RMS at NIGMS is $86.4 million, a decrease of $1.1 million or 1.2 percent compared to the FY 2026 Enacted level. RMS funds support the operational needs of the Institute, including its necessary investments in information technology and efforts to maintain a high-quality dynamic workforce.

NATIONAL INSTITUTES OF HEALTH
National Institute of General Medical Sciences

Appropriations History

Fiscal Year	Budget Estimate to Congress [1]	House Allowance [2]	Senate Allowance	Appropriation
2018	$2,185,509,000	$2,713,775,000	$2,887,194,000	$2,785,400,000
Rescission				$0
2019	$2,572,669,000	$2,818,667,000	$2,874,292,000	$2,872,780,000
Rescission				$0
2020	$2,472,838,000	$3,033,183,000	$2,969,113,000	$2,937,218,000
Rescission				$0
2021	$2,672,074,000	$2,972,479,000	$3,046,962,000	$2,991,417,000
Rescission				$0
2022	$3,096,103,000	$3,139,656,000	$3,067,557,000	$3,092,373,000
Rescission				$0
2023	$3,097,557,000	$3,200,157,000	$3,218,237,000	$3,239,679,000
Rescission				$0
2024	$3,239,679,000	$3,154,679,000	$3,239,679,000	$3,244,679,000
Rescission				$0
2025	$3,249,375,000		$3,269,679,000	$3,244,679,000
Rescission				$0
2026		$3,265,679,000	$3,244,679,000	$3,269,679,000
Rescission				$0
2027	$3,248,381,000			

[1] The FY 2026 President's Budget proposed consolidating the 27 NIH Institutes and Centers into an 8-Institute structure, while maintaining the Office of the Director and the Building and Facilities account.

[2] The FY 2025 House bill proposed consolidating the 27 NIH Institutes and Centers into a 12-Institute structure, while maintaining the Office of the Director and the Building and Facilities account.

NATIONAL INSTITUTES OF HEALTH
National Institute of General Medical Sciences

Budget Authority by Object Class [1]
(Dollars in Thousands)

		FY 2026 Enacted	FY 2027 President's Budget	FY 2027 +/- FY 2026
Total compensable workyears:				
	Full-time equivalent	195	195	0
	Full-time equivalent of overtime and holiday hours	0	0	0
	Average ES salary	$229	$229	$1
	Average GM/GS grade	13.2	13.2	0.0
	Average GM/GS salary	$155	$154	-$1
	Average salary, Commissioned Corps (42 U.S.C. 207)	$0	$0	$0
	Average salary of ungraded positions	$228	$228	$1
	OBJECT CLASSES	**FY 2026 Enacted**	**FY 2027 President's Budget**	**FY 2027 +/- FY 2026**
	Personnel Compensation			
11.1	Full-Time Permanent	$28,722	$28,794	$72
11.3	Other Than Full-Time Permanent	$3,335	$3,344	$8
11.5	Other Personnel Compensation	$1,267	$1,270	$3
11.7	Military Personnel	$0	$0	$0
11.8	Special Personnel Services Payments	$630	$0	-$630
11.9	**Subtotal Personnel Compensation**	**$33,955**	**$33,408**	**-$547**
12.1	Civilian Personnel Benefits	$11,948	$11,937	-$11
12.2	Military Personnel Benefits	$0	$0	$0
13.0	Benefits to Former Personnel	$59	$0	-$59
	Subtotal Pay Costs	**$45,962**	**$45,344**	**-$617**
21.0	Travel & Transportation of Persons	$265	$260	-$5
22.0	Transportation of Things	$25	$26	$1
23.1	Rental Payments to GSA	$0	$0	$0
23.2	Rental Payments to Others	$0	$0	$0
23.3	Communications, Utilities & Misc. Charges	$14	$14	$0
24.0	Printing & Reproduction	$0	$0	$0
25.1	Consulting Services	$13,925	$12,829	-$1,096
25.2	Other Services	$11,278	$11,762	$484
25.3	Purchase of Goods and Services from Government Accounts	$30,334	$30,202	-$133
25.4	Operation & Maintenance of Facilities	$0	$0	$0
25.5	R&D Contracts	$74	$93	$19
25.6	Medical Care	$0	$0	$0
25.7	Operation & Maintenance of Equipment	$527	$538	$11
25.8	Subsistence & Support of Persons	$0	$0	$0
25.0	**Subtotal Other Contractual Services**	**$56,138**	**$55,423**	**-$715**
26.0	Supplies & Materials	$30	$30	-$1
31.0	Equipment	$320	$326	$5
32.0	Land and Structures	$0	$0	$0
33.0	Investments & Loans	$0	$0	$0
41.0	Grants, Subsidies & Contributions	$1,695,267	$2,843,072	$1,147,805
42.0	Insurance Claims & Indemnities	$0	$0	$0
43.0	Interest & Dividends	$10	$10	$0
44.0	Refunds	$0	$0	$0
94.0	Financial Transfers	$44,166	$43,877	-$289
	Subtotal Non-Pay Costs	**$1,796,235**	**$2,943,037**	**$1,146,801**
	Total Budget Authority by Object Class	**$1,842,197**	**$2,988,381**	**$1,146,184**

[1] Includes FTEs whose payroll obligations are supported by the NIH Common Fund.

NATIONAL INSTITUTES OF HEALTH
National Institute of General Medical Sciences

Detail of Full-Time Equivalent Employment (FTE)

Office	FY 2025 Final			FY 2026 Enacted			FY 2027 President's Budget		
	Civilian	Military	Total	Civilian	Military	Total	Civilian	Military	Total
Division of Extramural Activities									
Direct:	55	-	55	58	-	58	58	-	58
Total:	55	-	55	58	-	58	58	-	58
Office of the Director									
Direct:	6	-	6	6	-	6	6	-	6
Total:	6	-	6	6	-	6	6	-	6
Division of Data, Integration, Modeling and Analytics									
Direct:	10	-	10	12	-	12	12	-	12
Total:	10	-	10	12	-	12	12	-	12
Division of Management									
Direct:	50	1	51	41	-	41	41	-	41
Total:	50	1	51	41	-	41	41	-	41
Division of Genetics and Molecular, Cellular, and Developmental Biology									
Direct:	17	-	17	18	-	18	18	-	18
Total:	17	-	17	18	-	18	18	-	18
Division of Pharmacology, Physiology and Biological Chemistry									
Direct:	14	-	14	15	-	15	15	-	15
Total:	14	-	14	15	-	15	15	-	15
Division of Biophysics, Biomedical Technology, and Computational Biosciences									
Direct:	11	-	11	13	-	13	13	-	13
Reimbursable:	1	-	1	1	-	1	1	-	1
Total:	12	-	12	14	-	14	14	-	14
Division of Training and Workforce Development									
Direct:	17	-	17	15	-	15	15	-	15
Total:	17	-	17	15	-	15	15	-	15
Division for Research Capacity Building									
Direct:	13	-	13	16	-	16	16	-	16
Total:	13	-	13	16	-	16	16	-	16
Total	194	1	195	195	-	195	195	-	195
Includes FTEs whose payroll obligations are supported by the NIH Common Fund.									
FTEs supported by funds from Cooperative Research and Development Agreements.	0	0	0	0	0	0	0	0	0

NATIONAL INSTITUTES OF HEALTH
National Institute of General Medical Sciences

Detail of Positions [1]

GRADE	FY 2025 Final	FY 2026 Enacted	FY 2027 President's Budget
Total, ES Positions	1	1	1
Total, ES Salary	$225,700	$228,521	$229,093
General Schedule			
GM/GS-15	26	29	29
GM/GS-14	81	78	78
GM/GS-13	41	40	40
GS-12	9	15	15
GS-11	3	11	11
GS-10	0	0	0
GS-9	1	6	6
GS-8	3	3	3
GS-7	3	4	4
GS-6	0	0	0
GS-5	0	0	0
GS-4	0	0	0
GS-3	0	0	0
GS-2	0	0	0
GS-1	0	0	0
Subtotal	167	186	186
Commissioned Corps (42 U.S.C. 207)			
Assistant Surgeon General	0	0	0
Director Grade	0	0	0
Senior Grade	0	0	0
Full Grade	0	0	0
Senior Assistant Grade	1	0	0
Assistant Grade	0	0	0
Junior Assistant	0	0	0
Subtotal	1	0	0
Ungraded	10	8	8
Total permanent positions	168	187	187
Total positions, end of year	179	195	195
Total full-time equivalent (FTE) employment, end of year	195	195	195
Average ES salary	$225,700	$228,521	$229,093
Average GM/GS grade	13.5	13.2	13.2
Average GM/GS salary	$156,407	$155,017	$154,404

[1] Includes FTEs whose payroll obligations are supported by the NIH Common Fund.