Washington Update CBMS Fall 2025

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Outline

- 1. Government Relations
- 2. Federal Funding Update (NSF & Dept of Education)
- 3. Navigating the Administration and 119th Congress



https://www.ams.org/government/resources-for-federal-policies

Resources for Current Federal Policies



The AMS is following changes in federal policies since January 20, 2025 that are affecting funding, research, teaching, learning, and service in the mathematical sciences.



On this page we offer resources to help you stay informed and ways for you to communicate the impacts you experience.

NSF Reopens

The government re-opened November 13, 2025. Please see NSF's Resumption of Operations page for updates about services and deadlines.

On November 14, a public announcement was made that the NSF will move to 401 Dulany Street, Alexandria, VA, where they will share space with the U.S. Patent and Trademark office. This is a few blocks from their current location.

Help Save the NSF

On May 2, 2025, the President released his proposed budget of \$3.9 billion for the National Science Foundation (NSF) for fiscal year 2026. This is a **devastating cut of 56% for the NSF** which, if enacted, will eviscerate the NSF as we know it. You can read the FY 26 Budget Request for details of proposed changes for the NSF. The President's proposal is only the first step in establishing a budget. In July, both House and Senate announced their own "marks" of \$7 billion and \$9 billion, respectively. The current budget is \$8.8 billion.

It will require a massive national effort from the scientific community to save NSF funding levels.

Our most effective strategy is for all members of Congress to hear from their constituents, and in particular, to hear how the current grant cancellations and potential future funding cuts will have direct negative impact in their state/district.

Please help us stop the dismantling of the NSF.

- Sign up to attend #MathSciOnTheHill on January 8, 2026. Please register by December 9, 2025.
- . See our Guide for Engaging with Congressional Offices (Basics for your Hill Visit)



2. Federal Funding Update

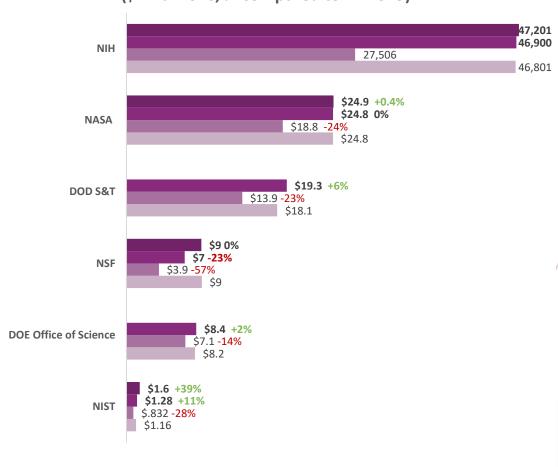


Budget and Appropriations

FY 2026 Appropriations

- Budget request proposed deep cuts across agencies
 - 67 percent cut proposed to NSF MPS
 - 75 percent cut proposed to NSF EDU
- House and Senate drafts far above request
 - Senate close to flat for NSF and most agencies
 - House 23 percent cut to NSF
- CR through January 30 for most agencies
 - Agencies spending cautiously
- Many challenges remain to get to a final agreement
 - Overall funding levels
 - Healthcare subsidies
 - How forceful to be in language against Administration's actions
 - Balance of defense and non-defense funding

FY 2026 Proposed Funding for Select Federal Science Agencies (\$ in billions, % compared to FY 2025)



■ House Bill ■ FY 2026 Request ■ FY 2025 Enacted



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The NSF is unique

It is the *only* agency of the federal government

- devoted to supporting basic research and education across all scientific and engineering fields, without a mission guiding its choices of projects to fund, and
- without any "in-house" labs.

Additionally, NSF

- funds research in all 50 states and U.S. territories;
- fosters international scientific collaboration on all 7 continents;
- supports 24% of all federally funded academic fundamental research at U.S. colleges and universities. (over 60% in mathematical sciences).



National Science Foundation (NSF)

Uncertainty Across NSF

- NSF down awards compared to FY 2024 but spent all its funding
 - Bigger awards, more forward funding
- 30% of staff have left
- Reorganizations underway change to divisions
- 1700 NSF Grants canceled, over \$1 billion DEI, misinformation

Education Computer science Biology Math, physics and chemistry Engineering

National Science Foundation grant funding through May 21

\$2 billion \$989 million

New Priorities and Activities

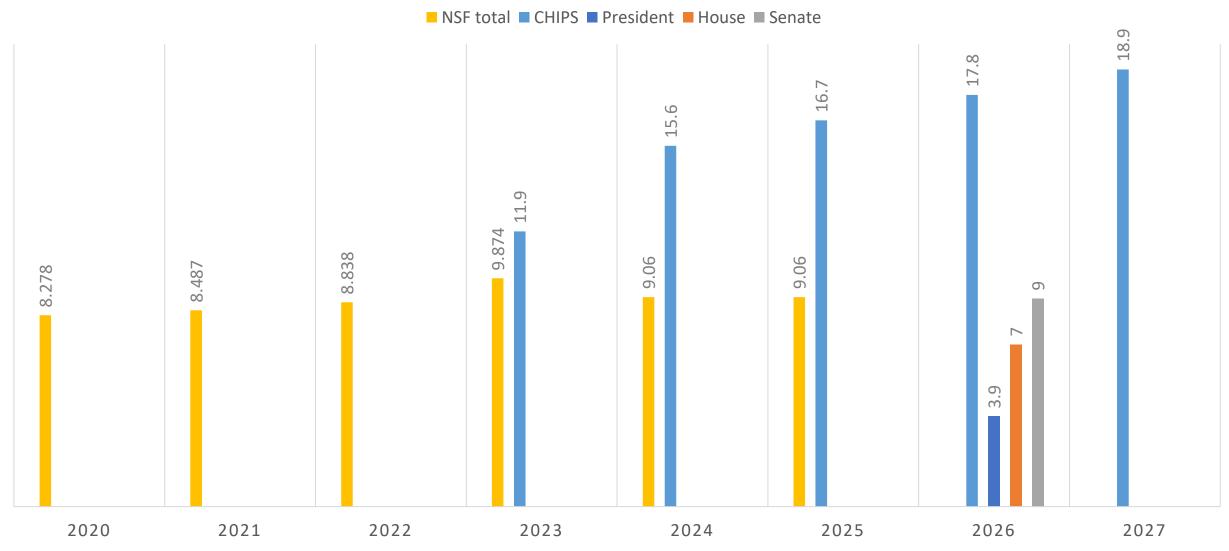
- Considering moonshots and new programs in AI and quantum
- Major Al education and workforce interest
- New TIP programs around changing research processes (programmable cloud labs)

Major Leadership Changes

- Panch and Karen Marrongelle resigned, Brian Stone Acting Director, Victor McCrary now NSB Chair
- DMS future unclear Junping moved to MPS Deputy Office Head Role
- Susan Margulies, Alex Isern, and Gregory Hager left many acting AD roles



NSF BUDGET (IN BILLIONS OF \$)





DMS at NSF

Defunded for now



New!

American Institute of Mathematics











SIMONS LAUFER MATHEMATICAL SCIENCES INSTITUTE





- The NSF EDU Directorate has been a significant target
 - Of the 1752 terminated awards, 839 came from EDU (last checked: May 21, 2025)
 - Graduate Research Fellowship Program (GRFP), over the years

	2021	2022	2023	2024	2025
All fields	2074	2193	2555	2036	1500
Math Sci	103 (4.9%)	95 (4.3%)	102 (4%)	83 (4.1%)	56 (3.7%)

- Proposal to consolidate into research account Senate would block
- Even under Senate proposal EDU sees significant cut, DRK-12/INCLUDES/NRT/Core down 45%
- The National Center for Science and Engineering Statistics (NCSES) is a principal statistical agency* located within NSF and the President proposes to cut its budget in FY2026 by 40%.
- * For more information: https://www.amstat.org/the-nations-data-at-risk-year-two-ongoing-monitoring



Department of Education

- President's budget proposal is to cut total budget by ~58%.
- National Center for Education Statistics (NCES)
 - Virtually all NCES staff were terminated on March 11 (100 to 3); contracts cancelled.
 - The President's FY26 budget proposes a cut of 58% for NCES.
 - On July 7, the <u>Department of Education named Matthew Soldner</u> as acting commissioner of NCES.
- Graduate Assistance in Areas of National Need (GAANN) budget reduced 100%.
- Pell changes...should I add something here and what would it be?



3. Navigating the Administration and 119th Congress



Phases for the Trump Administration

"Flood the Zone"

Congressional Role

Trump's Vision

"New Normal"

- Executive Orders
- Department of Education Investigations
- DOGE
- Agency Disruptions
- Funding freezes and delays
- Court challenges

- Confirming Trump nominees
- Finalized fiscal year (FY) 2025 appropriations
- One Big Beautiful Bill
- FY 2026 appropriations
- Rescission packages

- President's budget request for FY 2026
- Priorities Emerge Al, quantum, nuclear
- FY 2027 Priorities
- Policy documents such as the Al Action plan, MAHA report, National Security Strategy

- Agency leadership in place
- Pace of new White House guidance slows down
- Legal process slows impacts
- Federal funding back to more "regular" operations

January 2025

Now

Some point?



FY 2027 R&D Priorities Memo

Five R&D Budgetary Priorities:

- Ensure Unrivaled American Leadership in Critical and Emerging Technologies, including Artificial Intelligence, quantum information S&T, semiconductors and microelectronics, advanced communications networks, future computing technologies, and advanced manufacturing
- Unleash American **Energy Dominance** and Explore New Frontiers, including polar regions research and ocean exploration and observation
- Strengthen American Security through advanced military capabilities, America's Golden Dome, and preparedness and resilience
- Strengthen and Safeguard American Health and Biotechnology, including biosafety, biosecurity, and domestic biomanufacturing
- Assure America's Continued Space Dominance



EXECUTIVE OFFICE OF THE PRESIDENT WASHINGTON, D.C. 20502



M-25-34 / NSTM-2

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIE

FROM:

: RUSSELL T. VOUGHT DIRECTOR, OFFICE OF MANAGEMENT AND BUI

MICHAEL J. KRATSIOS

DIRECTOR, OFFICE OF SCIENCE AND TECHNOLOGY POLICY

SUBJECT: Fiscal Year (FY) 2027 Administration Research and Development Budge

Priorities and Cross-Cutting Actions

we are going to conquer the vast fromters of science, and we are going to teach humanity into space and plant the American flag on the planet Mars and even far beyond. And, through it all, we are going to rediscover the unstoppable power of the American spirit, and we are going to renew unlimited promise of the American dream."

- President Donald J. Trump, 2025 Address to Joint Session of Congress

America's science and technology (S&T) engine is—and must remain—the greatest in the world. Long before rockets reached the moon or microchips powered our economy, the outcomes of Federal research and development (R&D) won World War II and laid the foundations for technological breakthroughs that secured our militury dominance, built our industries, and improved the everyday lives of the American people. America's post-war recognition of the strategic importance of R&D investments, and its deliberate reshaping of the R&D ecosystem, transformed the United States into the most innovative, prosperous, and powerful nation in history.

Recognizing new circumstances and new challenges, the Trump Administration is aligning the Federal Government's role in the S&T enterprise to once again drive R&D that is bold, missiondriven, and unapologicially in service of the American people. In a world where American dominance is not guaranteed and our adversaries pursue whole-of-nation approaches to S&T competition, federally funded R&D must focus on targeted, transformational investments in areas such as artificial intelligence (Al), quantum science, nuclear energy, biotechnology, national security technologies, and ambitious space exploration.

Today, America's innovation ecosystem is built on a unique partnership between government, academia, industry, and nonprofit research institutions. Universities have severed as vital centers of scientific discovery and technical talent development. The private sector plays an increasingly central role, not only in late-stage development and commercialization, but also in applied research, bringing speed and scale to turn basic research into real-world products and platforms. And nonprofit research institutions can pilot noved models of collaboration and inquiry. Across this ecosystem, it is the role of the Federal Government to set clear priorities, align incentives, and ensure that public investments translate into strategic advantage.

Five High-Priority, Cross-Cutting Actions:

Implement and Support Gold Standard Science | Build the S&T Workforce of the Future | Expand and Make Accessible World-Class Research Infrastructure | Revitalize and Strengthen America's S&T Ecosystem | Focus on High-Value Research Efforts



NOTE: ALL IN THE CONTEXT OF REDUCED FEDERAL FUNDING OVERALL

Trump Administration Higher Education Priorities

Changes to Civil Rights Regulations

- Ending DEI programs, Removal of Discriminatory Impact provisions
- Targeting "gender ideology" and trans inclusion in women's sports
- Expansion of Title VI civil rights investigatory efforts
- New Task Force on Antisemitism and Antisemitism EO

Workforce and Talent Expansion

- Expand apprenticeships and career and technical education
- Focus on AI skills
- Remove DEI from accreditation and expand competition among accreditors

Immigration

• Revocation of student and faculty visas, increased ICE activity on campuses



Key Impacts Affecting Higher Ed



Funding Cuts Across R&D and terminated funding in certain areas



Reduction in Researchers due to funding and immigration



New Federal Policies based on Administration ideology



International collaborations and agreements reduced



Funding Changes Across Universities e.g. F&A



People reductions due to loans and immigration



Federal Funding Freeze for Certain Institutions



Accreditation pressure



OSTP RFI on Accelerating the American Scientific Enterprise

RFI:

- On priorities to advance the U.S. science and technology (S&T) ecosystem to advance knowledge and drive innovation and economic impact.
- Aligned with Trump Administration America First agenda
- Recognizes the important role universities have played, but notes increasing role of industry
- Notes new models such as Focused Research
 Organizations outside traditional academic structure
- Seeks input from academia, industry, local governments, and other stakeholders
- Responses to this RFI will inform White House "efforts to advance and maintain U.S. S&T leadership."
- Responses are due by December 26, 2025

RFI Questions on:

- 1. Enhancing public-private collaboration
- 2. Better support for the **translation** of scientific discoveries
- 3. Advancing **regional innovation** ecosystems
- 4. Strengthening the role of **small- and medium-sized** businesses
- 5. Research to inform "Federal grantmaking processes to maximize scientific productivity and increase total return on investment"
- 6. High-risk, high-reward research
- 7. Support for "**novel institutional models** for research that complement traditional university structures and enable projects that require vast resources, interdisciplinary coordination, or extended timelines"
- 8. Better utilizing and supporting "advances in Al systems that may transform scientific research… while maintaining scientific rigor and research integrity"
- Reducing federal regulations/policies that hinder scientific research and innovation
- 10.Supporting scientific talent across the country,
- 11.Supporting **holistic collaboration** to advance research and training
- 12.Ensuring research **benefits all Americans**
- 13.Strengthening **research security** protocols while minimizing administrative burdens



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Congressional Outlook for 2026

Appropriations:

- CR runs through January 30, 2026
 - Need to pass nine remaining appropriations bills
- President's budget Request for FY 2027 Expected to be released in March 2026
 - More proposed cuts expected **BUT** more new programs also expected

Legislation:

- National Defense Authorization Act (NDAA)
- Affordable Care Act Subsidies and Changes
- SBIR/STTR Reauthorization
- NASA Reauthorization
- Al/Quantum legislation?
- 2nd Reconciliation?

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ADDITIONAL FACTORS:

- Retirements in Congress
 - 52 Members already announced
- 2026 Mid-Term Elections
 - Major chance for the House to flip control

How can you help?

- Plan to come to JMM in DC
 - Bringing Math to Congress: Advocating for Change in 2026
 Monday, January 5, 9:30 11:00 am
 - Stay an extra day to do Hill visits on January 8. Sign up at: jointmathematicsmeetings.org/meetings/national/jmm2026/hill-visits
- Use the AMS *Take Action* tool <u>www.ams.org/government/getinvolved-dc#/</u>
- Visit AMS OGR website/get to know it: www.ams.org/government & the timely www.ams.org/government/resources-for-federal-policies





