

A photograph of a white domed building, likely a state capitol, with a flagpole in the foreground. The building has a large dome with a spire and is surrounded by autumn foliage. The text is overlaid on a semi-transparent white box with a yellow border.

Federal Budget Overview

S a b r i n a W o o

O c t o b e r 2 5 ^{t h} , 2 0 2 4

R e s e a r c h A n a l y t i c s

Why You Should Care about the Federal Budget

“Power of the purse”

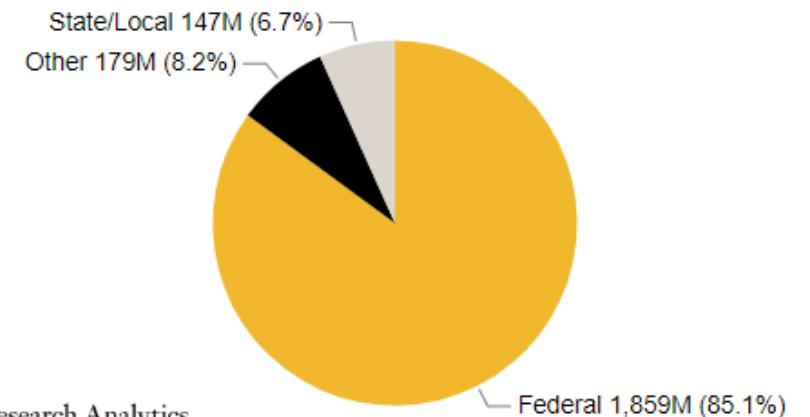
Federal government spends funds on:

- Social Security
- Medicare
- Military equipment
- Infrastructure maintenance
- Building construction
- **Research**
- Etc.

MU sponsored activity is primarily federally sponsored

FY2020-FY2025 MU Award Obligations

Sponsor Type Desc ● Federal ● Other ● State/Local



 Research Analytics
University of Missouri

Types of Federal Spending

Mandatory spending:

Spending area examples

- Medicare/Medicaid
- Social Security

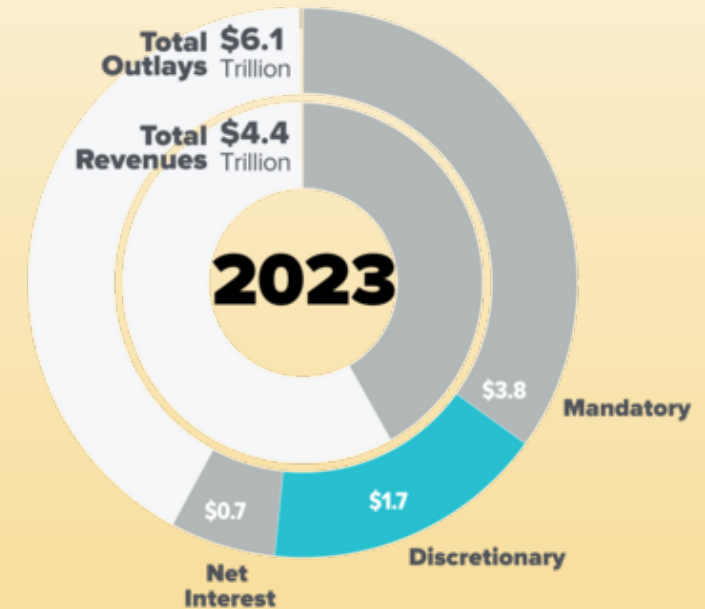
Mandated by existing laws

Discretionary spending:

Spending area examples

- Defense
- Agriculture
- **Research**

Decided annually by Congress



Types of Legislation

Authorizations:

“statutory provision that defines the authority of the government to act. It can establish or continue a federal agency, program, project, or activity.”

Establish new programs or agencies, do not provide the actual funds

Appropriations:

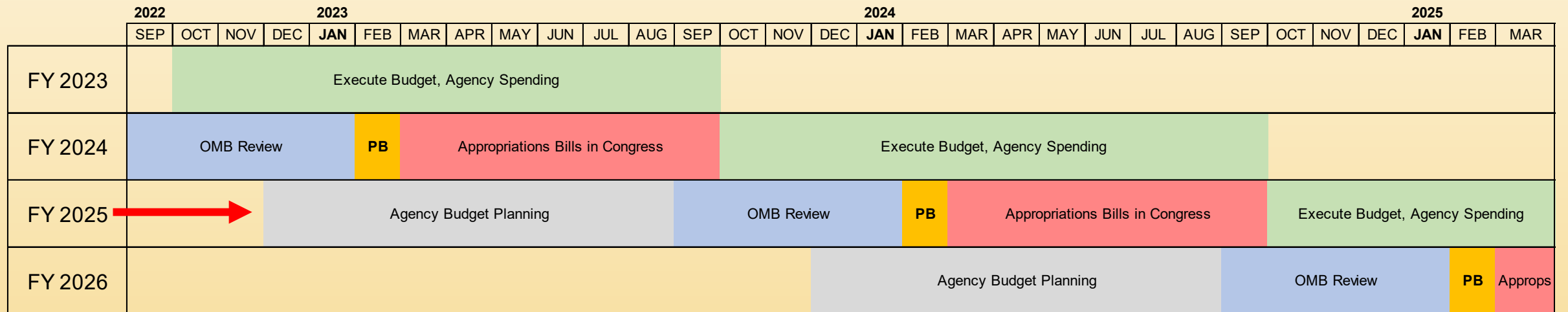
“statutory provision that provides budget authority, thus permitting a federal agency to incur obligations and make payments from the Treasury for specified purposes, usually during a specified period of time”

Provides the actual budget that agencies can spend



Federal Budget Process

Ideal Budget Timeline



PB = Presidential Budget Request



Federal Budget Process

Budget rarely follows the ideal timeline!

Continuing Resolutions (CR)

- Prevents funding gaps and government shutdowns
- FY2024- 4 CRs
- September 26th, 2024- FY2025 CR through December 20, 2024

Omnibus or Minibus

- Collection of bills passed at the same time
 - FY2024 - 2 minibus bills
-
- Supplemental Appropriations



Presidential Budget for FY2025

March 11th, 2024

- **Cancer Moonshot**
- **Clean Energy** Technologies
- **STEM Education** and Workforce Development
- Support for **HBCUs and Minority Institutions**
- **Increased Participation** in Underrepresented Groups



FY2025 Appropriations

August 2nd, 2024

President

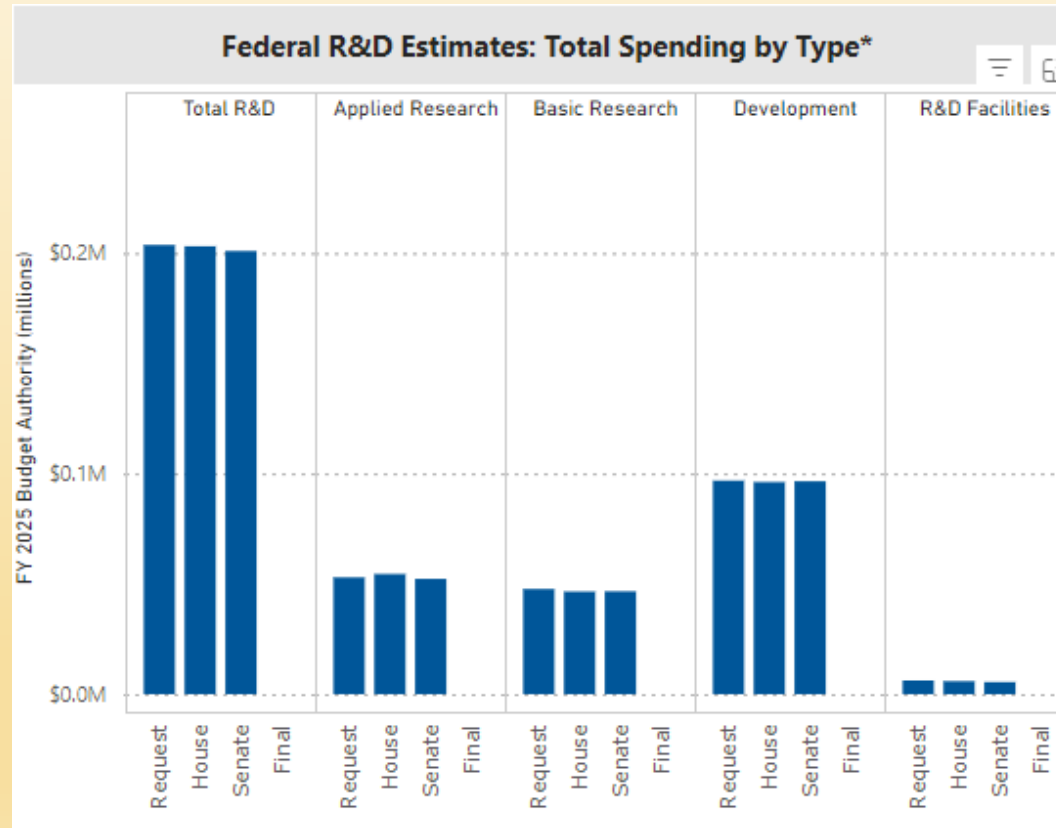
- Budget Request Created

House

- 5 of 12 bills passed

Senate

- 0 of 12 bills passed



Change from
FY2024
appropriations to
FY2025 Request:

NSF +12.3%

NIH +2.3%

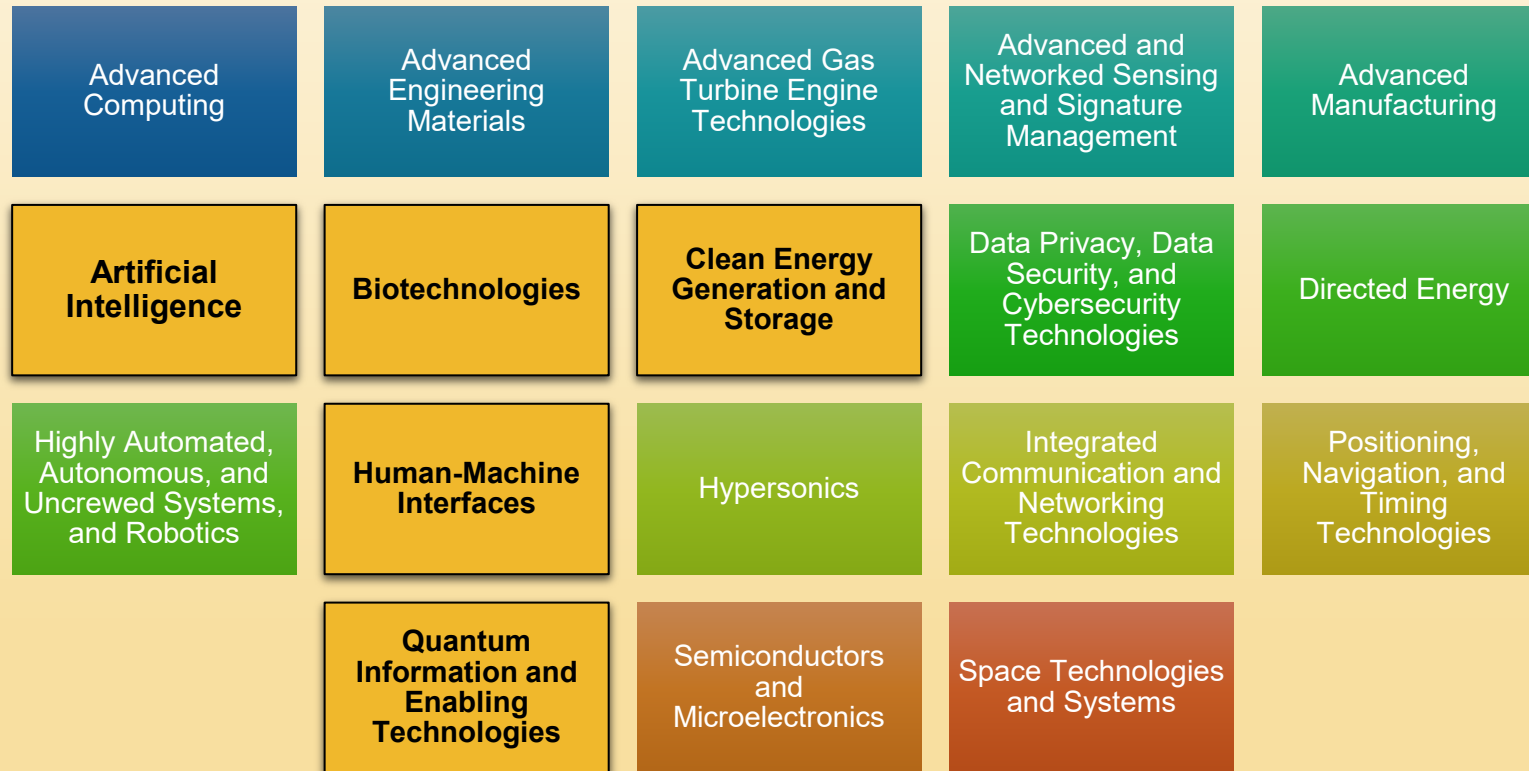
DOE-OS +4.2%

USDA-NIFA +3.9%



Emerging Research Trends

February 12th, 2024



> Marked in **gold** indicates areas of MU interest





National Science Foundation (NSF) R&D Priorities

FY2025 Budget Request

- Critical and emerging technologies
 - Directorate for Technology, Innovation, and Partnerships (TIP) (\$900M)
 - FY2024 request: \$1.12B, appropriated \$617M
- Research Infrastructure
 - Mid-scale Research Infrastructure (\$192M)
 - Major Research Instrumentation (\$82.82M)
- Build a Resilient Planet (\$1.4B)
 - Clean Energy Technology (\$500M)
 - U.S. Global Change Research Program (\$897M)
 - Research on climate hazard and disaster resilience
- Create Opportunities Everywhere
 - Emphasis on MSIs, HBCUs, Tribal Colleges
 - Graduate Research Fellowship Program (\$341M)
 - support 2,300 new fellows in 2025

Example Funding Opportunities

- [NSF Graduate Research Fellowship Program](#)
- [Dear Colleague Letter: NSF Partnership with BioMADE](#)

Source:

[NSF FY2025 Budget Request](#)
[NSF FY2024 Appropriations](#)



Research, Innovation & Impact
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National Institutes of Health (NIH) R&D Priorities

FY2025 Budget Request

- Cancer Moonshot
 - \$1.4B mandatory request
 - \$716M discretionary **+\$500M[^]**
 - Diversity in clinical trial participants
- Special Type 1 Diabetes Program (\$260M) mandatory request
- Public health preparedness (\$2.7B of \$20B) mandatory request
- Women's health research (\$154M) **+\$76M[^]**
 - Menopause, diabetes, pregnancy
- Mental and behavioral health (\$2.5B) **+\$207M[^]**
 - diagnostics, treatments, and precision of care
- Advanced Research Project Agency for Health (\$1.5B)
 - Cancer Moonshot
 - antimicrobial resistance
 - identifying potential pandemics
- Opioid, stimulant, and pain research (\$1.8B)
 - treatment and intervention for addiction

Example Funding Opportunities

- [NIH Brain Initiative](#)
- [Environmental Health Disparities Centers \(P50\) Clinical Trial Optional](#)
- [Possible FY2025: Cancer Moonshot Scholars \(R01\)](#)

[^]increase from FY2023 appropriations

Source:
[Congressional Research Service- National Institutes of Health \(NIH\) Funding: FY1996-FY2025](#)

[HHS Budget in Brief 2025](#)



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National Endowment for the Humanities (NEH) Priorities

FY2025 Budget Request

- AI research and development
 - Programs: Dangers and Opportunities of Technology, Perspectives from the Humanities; Public Scholars; Digital Projects for the Public
 - international AI research projects
 - AI within libraries, museums, and archives
- Addressing climate change
 - inequity and climate change
 - historical roots and cultural effects of climate change
- History and culture of underserved populations
- Improving access to the humanities
 - MSIs, tribal nations, HBCUs
 - new perspectives on race, gender, disability, and other segments of the population in the United States

Example Funding Opportunities

- [Dangers and Opportunities of Technology: Perspectives from the Humanities](#)
- [Climate Smart Humanities Organizations](#)



It's an Election Year!



Impact on MU Research

- Defer to sponsor guidance
- New proposals may be affected by the CR
- Continue working on existing awards
- Reach out to your SGCA for information on specific awards.

Government Branch	Seats Open for Election
Senate	34
House	435
President	1



Additional Resources

- **DC Newsletter – Emily Lucas**
- Research Analytics SharePoint Hub – Federal Budget Documents (<https://mailmissouri.sharepoint.com/sites/MUResearchAnalyticsHub>)
- American Association for the Advancement of Science (AAAS) (<https://www.aaas.org/programs/r-d-budget-and-policy/about>)
- American Institute of Physics (<https://www.aip.org/fyi/articles>)
- Senate Appropriations News (<https://www.appropriations.senate.gov/news/majority>)
- House of Representatives Appropriations News (<https://appropriations.house.gov/news>)
- White House Budget (<https://www.whitehouse.gov/omb/budget/>)



UM Office of Government Relations

"The Office of Government Relations is the **lobbying function** on the state and federal level for the entire **University of Missouri System**..."

**Federal
Relations**

**State
Relations**

**Local and
Community
Relations**



Emily Lucas is the Director of Government Relations for the University of Missouri System, where she leads efforts to engage with federal lawmakers and policymakers to advance the system's key institutional and budgetary priorities. Previously, she served as the Governor of Florida's Director of Operations and worked in the United States Senate, covering the U.S. Senate Committee on Homeland Security and Governmental Affairs. Emily holds a degree in Political Science and International Relations from Florida State University.

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