



FASEB

Federation of American Societies
for Experimental Biology

CHIPS and Science Authorizations: Congress Must Fund the Future of Science

NSF FY 2025 Budget Authorization

Research and Related Activities: \$12.9B

- Directorate for Technology, Innovation, and Partnerships (TIP)
- Funding for cutting-edge, critical research in biology, health, and other life sciences

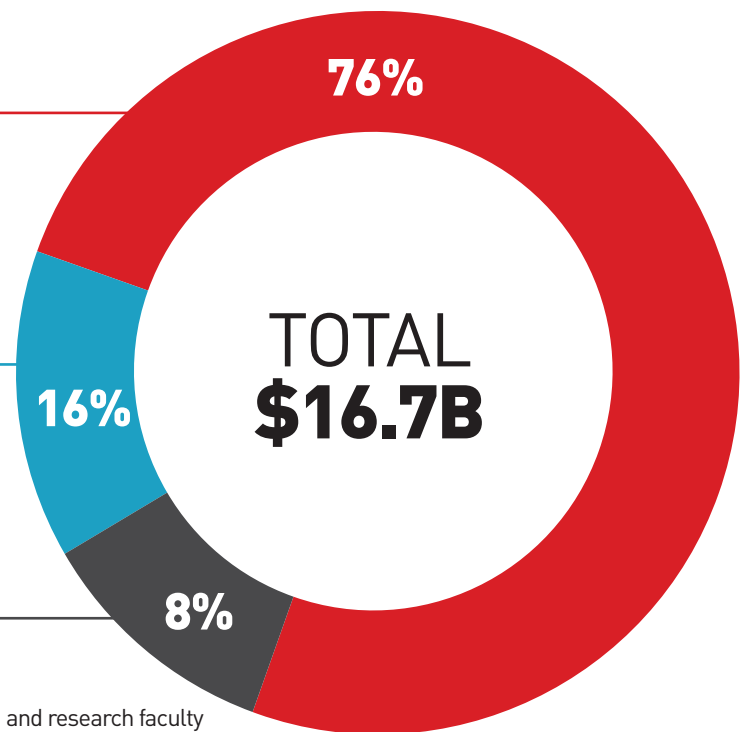
STEM Education: \$2.7B

- Reinvestment in Graduate Research Fellowship Program
- Funding awards for undergraduate, graduate, and postdoctoral training programs

Building Diversity in STEM*: \$1.2B

- NSF Chief Diversity Officer
- Building research capacity at HBCUs and MSIs
- Fostering diversity in STEM undergraduates, research trainees, and research faculty

**Program provisions distributed between Research and STEM Education budget authorizations*



Combating Sexual Harassment in Science

\$33M**



National Academies assessment of influence of sexual harassment in higher education

Research on sexual harassment in higher education

Responsible Conduct Guide with practices to prevent and mitigate the impact of sexual harassment

Full inventory of federal research agency policies on sexual harassment

***One time authorization*

Funding and Awards



40% Increase in NSF GRFP Funding

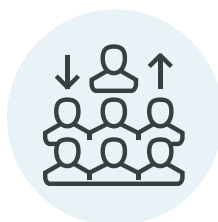
- **3000+** annual fellows
- **\$37k** annual stipend
- **\$16k** annual education allowances



Graduate Education Research Awards

- **Mentorship** program effects on degree conferral
- **Mental health** of graduate students
- **Professional development** program outcomes
- **Implementation** of innovative programs

Policy and Governance



Required Mentorship Plans

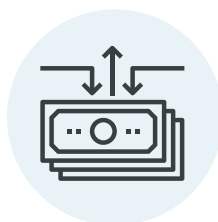
- **Mentorship plans** are now required for all NSF grants supporting graduate students and postdoctoral trainees



Required Professional Development

- **Individual Development Plans** are now required annually for all NSF grants supporting graduate students and postdoctoral fellows

Combating Sexual Harassment in Science



Funding for Sexual Harassment Research

- **Intervention and mitigation** policy development
- **Remediation** programs for harmed parties
- **Power structure** alternatives
- **Best practices** policy implementation



Guides and Assessments

- **Update** to 2018 NASEM Sexual Harassment Report
- **NASEM Responsible Conduct Guide** update
- **Analysis** of federal research agency policy effectiveness and needed revisions

Assessment of NSF Workforce Development Programs



- Independent study on **the impact of NSF graduate student financial support** on differential student outcomes
- Full portfolio analysis of NSF's technical workforce investments, including surveys on **working conditions, work-life balance, harassment, and discrimination**