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

**NSF FY 2024 Budget Authorization**

- **Research and Related Activities: $12.1B**
  - Directorate for Technology, Innovation, and Partnerships (TIP)
  - Funding for cutting-edge, critical research in biology, health, and other life sciences

- **STEM Education: $2.5B**
  - Reinvestment in Graduate Research Fellowship Program
  - Funding awards for undergraduate, graduate, and postdoctoral training programs

- **Building Diversity in STEM*: $1.1B**
  - 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

**TOTAL $15.6B**

**Combatting 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

Combatting 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