



Institutional Capacity & Educational Funding Opportunities – CNS & IIS

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Computer and Information Science and Engineering (CISE)

GRANTED: Growing Research Access for Nationally Transformative Equity and Diversity



- Strengthens the Nation’s research enterprise
- Mitigates barriers to competitiveness and enhances research capacity at emerging and underserved research institutions
- Focuses FY 2023 funding to support minority-serving institutions

Supported Activities

- Enhance research administrative support and infrastructure
- Support research administration leadership
- Partner with national and regional professional societies



GRANTED Program Description – PD 23-221Y

- Bold, ambitious ideas that will increase access, catalyze national transformation, and address systemic equity and diversity issues in the research enterprise are encouraged
- Projects must be fully developed and described within the project description
- **Project costs –ask for what you need!**
- **No deadline**
- Project terms should be no more than 5 years
- **PIs and Co-PIs could be research enterprise staff**
- Does not restrict or discourage any higher education institution or non-profit organization from participating; NSF general eligibility applies

"particularly at emerging research and MSI institutions" (UAF and UAA)



<https://new.nsf.gov/funding/opportunities/growing-research-access-nationally-transformative-0>

Graduate Research Fellowship Program (GRFP) Eligibility

- U.S. citizens, nationals, and permanent residents
- **Early-career: undergrad & graduate students**
- Pursuing research-based master's and/or doctoral degrees (no professional degrees) Science, Technology, Engineering, Mathematics (STEM) or STEM Education
- Full-time enrollment in graduate degree program at accredited, non-profit US institution of higher education
- NO foreign institutions

<https://www.nsfgrfp.org/>

Level 1: Seniors/Bachelor's degree: no graduate study

Level 2: 1st-year graduate students

- Joint Bachelor's-Master's (completed 3 years)

Level 3: Second-year graduate students

- No more than 1 academic year completed in 1st graduate degree program
- Joint BS/MS holders ONLY: can apply as 1st year doctoral students progressed to PhD directly after completing joint BS/MS degree

Level 4: Returning graduate students

- > 2-year interruption in graduate study
- No doctorates or >1 academic year in graduate program
- NOT ENROLLED in graduate program at application deadline

Only
apply
once





ABOUT NSF GRFP



SINCE 1952

70,000+
GRFPS AWARDED

40+ FELLOWS
HAVE BECOME NOBEL
LAUREATES

FELLOWS FROM/IN EVERY STATE

450+ FELLOWS
HAVE BECOME MEMBERS
OF THE NATIONAL
ACADEMY OF SCIENCES



\$37,000

ANNUAL STIPEND



\$16,000

COST OF EDUCATION
ALLOWANCE

5-YEAR
FELLOWSHIP
PERIOD

3 YEARS
FINANCIAL
SUPPORT

NO POST-
GRADUATE
STUDY SERVICE
REQUIREMENT

~ Per Competition

12,000+
APPLICANTS
2,000+ OFFERS

ACADEMIC
INSTITUTIONS
REPRESENTED

500+

~ Per Competition

Submit Early

OPEN TO:

Individuals Pursuing
RESEARCH-BASED
MASTER'S &
DOCTORAL DEGREES
In Eligible Fields of
Study

nsfgrfp.org

DECISION
TREE

FORMAT
COMPLIANCE
CHECK

ELIGIBLE MAJOR FIELDS OF STUDY



CHEMISTRY



COMPUTER AND
INFORMATION
SCIENCES &
ENGINEERING



ENGINEERING



GEOSCIENCES



LIFE
SCIENCES



MATERIALS
RESEARCH



MATHEMATICAL
SCIENCES



PHYSICS &
ASTRONOMY



PSYCHOLOGY



SOCIAL
SCIENCES



STEM EDUCATION & LEARNING
RESEARCH

EACH MAJOR FIELD OF STUDY HAS SUBFIELDS



CSGrad4US Fellowship Program

- Goal: Enhance number and diversity of US citizen and permanent resident graduate students in computing fields
 - Booming undergrad enrollments, but relatively few go on to grad school
- Target: Bachelor's degree holders returning from industry into Ph.D. programs
- Fellowship begins with 1-year mentorship program: graduate school application, process, and research success
- Previous deadline June 7, 2024



CSGrad4US Fellows

Stay tuned for future deadlines



	2021	2022
Demographics		
Women	32%	44%
Hispanic/Latinx	9%	16%
Black/African American	3%	10%
Disability	15%	24%
Current Status		
Enrolled in graduate school	47%	-
Applying this year	29%	98%



Encourage your former students to apply!
<https://www.nsf.gov/cise/CSGrad4US/>

REU SITES PROGRAM: NSF Solicitation 23-601

Deadline: August 21, 2024

- Independent proposals to initiate and conduct projects that **engage a cohort of students in research**
 - Institutions typically host 8-10 undergrads for summer research in labs on host campus
 - Research in focused CISE disciplinary area led by a team of faculty mentors
 - At least half of the student participants must be recruited from institutions where research opportunities in STEM are limited (including two-year colleges)
 - A significant fraction of student participants must come from outside host institution
 - Sites are encouraged to recruit students from under-represented groups
 - Sites include a range of professional development opportunities and grad school preparation and possibilities

<https://new.nsf.gov/funding/opportunities/research-experiences-undergraduates-reu>



Questions?

