NSF funding
Graduate Research Fellowship Program

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Goals of GRFP

• To select, recognize, and financially support individuals who have demonstrated the potential to be high achieving scientists/engineers

• To broaden participation in science

Desired outcome: to recruit and retain these individuals in the U.S. STEM workforce
Award eligibility and benefits

- U.S. citizens and permanent residents
- Pursuing first research based graduate degree (MS or PhD)
- Can apply once in graduate school in your first or second year

- $34,000 annual stipend for three years
- $12,000 for the university (for tuition)
### Fields of study

- Chemistry
- Computer & Information Science/Engineering
- Engineering
- Geosciences
- Life Sciences
- Materials Research
- Mathematical Sciences
- Physics and Astronomy
- Psychology
- Social Sciences
- STEM Education

Deadline varies by field of study (Oct 22-26, 2018): check the solicitation
Graduate Research Fellowship Program (GRFP)

PROGRAM SOLICITATION
NSF 18-573

REPLACES DOCUMENT(S):
NSF 16-588

National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources
Division of Graduate Education

http://nsfgrfp.org/
Proposal requirements

- Personal statement: Relevant background and future goals (3 pages)
- Research statement (2 pages)
- Electronic transcripts
- Three letters of reference (due Nov. 2, 2018)
NSF Merit Review Criteria

From the National Science Board:

– Intellectual Merit

– Broader Impacts
The National Science Foundation Act of 1950 (Public Law 81-507):

To promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense....
Proposal Review Criterion: *Intellectual Merit*

- Potential to advance knowledge and understanding within and across fields
- Qualifications of investigator
- Creativity and originality
- Conceptualization and organization
- Access to resources
Proposal Review Criterion: *Broader Impacts*

- Advances discovery while promoting teaching, training and learning
- Broadens the participation of underrepresented groups
- Enhances infrastructure for research and education: facilities, instrumentation, networks and partnerships
- Disseminates results broadly
- There are potential benefits to society
Proposal preparation tips

- Read the solicitation. Then read it again.
- Select letter writers who know you well
- Start early and get feedback from your letter writers, advisor, and peers
- The personal statement is important! Don’t focus solely on your research statement
- Focus on exciting questions and justification for the research, not methods
- Pick only one or two broader impacts and describe them well