

# NSF funding Graduate Research Fellowship Program



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College of Science**

# Goals of GRFP

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- 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

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- 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

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- 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

<https://www.nsf.gov/pubs/2018/nsf18573/nsf18573.htm>

<http://nsfgrfp.org/>



# Proposal requirements

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- # 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*

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- # 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*

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- # 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

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- 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

