Graduate Fellowships

Dr. Jana L. Jasinski, Associate Dean

National Science Foundation Graduate Research Fellowship Program
About the GRFP

- National competition – highly prestigious
- 3 years of support - $138,000 value + opportunities
- Intended for beginning graduate students pursuing a research-based degree
- NSF-supported fields only* (no practice-oriented or health disciplines)

GRFP Eligibility

- U.S. citizens and permanent residents
- Early-career graduate students
- Pursuing research-based MS and PhD
- Science and engineering fields
- Enroll in accredited institution in US by Fall

*Applicants must self-certify in the application that they meet the GRFP Eligibility criteria
GRFP Fields of Study

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

Fields Not Supported by NSF GRFP

- Business Administration or Management
- Social work
- Medical, Dental, Law, or Public Health programs
- Joint science-professional degree programs, e.g., MD/PhD, JD/PhD
- Education (except research-focused STEM Education programs)
- See Solicitation (www.nsfgrfp.org)
GRFP Key Elements

Five Year Award – $138,000
Three years of support
   – $34,000 Stipend per year
   – $12,000 Educational Allowance

Other research opportunities:
   • GROW (International research)
   • GRIP (Internship program)
   • Supercomputer access
      • XSEDE (Extreme Science & Engineering Discovery Environment)

GRFP Unique Features

Flexible: choice of project, advisor & program

Unrestrictive: Awarded to individual, No service requirement

Portable: Any accredited U.S. institution
GRFP Complete Application

NSF FastLane

- Personal, Relevant Background and Future Goals Statement (3 pages)
- Graduate Research Plan Statement (2 pages)
- Transcripts (uploaded electronically)
- Three letters of reference

DEADLINES: late Oct - early November

Reference Writers

- Select your reference writers carefully, as they will provide important information about your potential as a leader, researcher, and educator – **familiarity with you as a person is important**

- Your selected reference writers will submit their own references; provide them all necessary information well in advance of deadline

- You may request up to 5 references. It is your responsibility to ensure three letters of references are submitted by the published deadline
GRFP Resources

NSF GRFP Website (nsf.gov/grfp)
   – Solicitation and links

NSF GRFP FastLane Website (fastlane.nsf.gov/grfp)
   – Application, guides, announcements

GRFP Website (nsfgrfp.org)

Essay Guides & Worksheets
http://grfpessayinsights.missouri.edu/index.php
http://www.colorado.edu/GraduateSchool/funding/national.html

DOE Computational Science Graduate Fellowship (CSGF)
Example Fields of Study

- Applied Mathematics
- Astrophysics
- Chemical Engineering
- Chemistry
- Computer Sciences
- Environmental Sciences
- Life Sciences
- Materials Sciences
- Mechanical Engineering
- Physics

Program Eligibility

- US Citizens or permanent residents full time, uninterrupted study toward Ph.D.
- Undergraduate Seniors
- Individuals with BA or BS who are not enrolled in graduate school
- First Year graduate Students
Program Benefits

• $36,000 stipend per year (up to 4 years)
• Full tuition and fees
• $5,000 in year 1, $1,000 each renewed year (computer and research expenses)
• 12 week practicum experience at DOE national lab
• Access to DOE supercomputers

How to apply

• https://www.krellinst.org/csgf
• Online application available late October 2015, due in January
• Application Requirements
  • GRE scores
  • Transcripts
  • Research Statement
  • Reference Letters
Link Foundation Advanced Simulation & Training Fellowship

Program Benefits & Eligibility

• Up to 5 Fellowships awarded annually
• $29,000 stipend (does not include tuition or other expenses)
• Must be working toward Ph.D.
• Advanced to candidacy
• Research must be part of dissertation requirement
• Enrolled only at US and Canadian Universities
Application Requirements

- 500 word description of project
- Project objectives, timeline and budget
- Current resume
- Four letters of recommendation
  - (one from Dean, one from Ph.D. adviser)
- Information (http://www.linksim.org/)

Ford Foundation Predoctoral Fellowship
Program Goal & Benefits

- Goal to increase racial and ethnic diversity of college and university faculty
- 60 Fellows, 3 years of support
- Benefits
  - $24,000 per year, up to three years
  - Expenses to attend one conference of Ford Fellows

Program Eligibility

- Must be enrolled or plan to enroll in eligible PhD or ScD program in fall
- Deadline: November 20, 2015
- Information
  (http://sites.nationalacademies.org/PGA/FordFellows/PGA_047958#stipends)
- Must be committed to career in teaching and research at college or university level
Application Requirements

- Application
- Personal Statement (2 pages)
- Statement of previous research and scholarly productivity (3 pages)
- Proposed plan of Graduate Study and Research, long range career goals
- 3 letters of reference

DoD Science, Mathematics, and Research for Transformation (SMART) Scholarship for Service Programming
Program Eligibility & Benefits

- US Citizen
- Able to participate in summer internships at DoD laboratories
- Willing to accept post-graduate employment with DoD
- $25,000-$38,000 stipend (depends on degree) one-five years
- Health Insurance allowance
- Full tuition and fees
- Employment placement after graduation

Application Requirements

- Online application
  - Personal information
  - CV or resume
  - Transcripts
  - Volunteer work
  - Research statement
- Deadline December 1, 2015
- Information: [http://smart.asee.org/](http://smart.asee.org/)
Database options

Graduate and Post Doctoral Extramural Support (GRAPES) Database

- Offered through UCLA
- [https://grad.ucla.edu/funding/](https://grad.ucla.edu/funding/)
- Searchable database of 613 scholarships, grants, fellowships and postdoctoral awards
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