

NSF: Graduate Research Fellowship Program

Summary: The National Science Foundation aims to ensure the vitality of the human resource base of science, technology, engineering, and mathematics in the United States and to reinforce its diversity by offering approximately 900-1,600 graduate fellowships in this competition pending availability of funds. The Graduate Research Fellowship provides three years of support for graduate study leading to research-based masters or doctoral degrees and is intended for students who are in the early stages of their graduate study. The Graduate Research Fellowship Program (GRFP) invests in graduate education for a cadre of diverse individuals who demonstrate their potential to successfully complete graduate degree programs in disciplines relevant to the mission of the National Science Foundation.

NSF RFP: [Graduate Research Fellowship Program](#)

Link: http://www.nsf.gov/pubs/2008/nsf08593/nsf08593.htm?govDel=USNSF_25

Deadline: 12 November 2008

Award Info: 900 to 1,600 new awards for \$36,450,000 to \$64,800,000.

NASA Graduate Student Researchers Program (GSRP)

Summary: The NASA Graduate Student Researchers Program (GSRP) awards fellowships (also called GSRP Training Grants in what follows) for graduate study leading to masters or doctoral degrees in the fields of science, mathematics, and engineering related to NASA research and development. This twelve month award may include a required internship at the NASA Center affiliated with the NASA sponsored research.

Award Description: A student receiving support under the GSRP does not incur any formal obligation to the U.S. Government. The objectives of this program will be served best if the student actively pursues research, teaching, employment in space science and aeronautics industries, or other NASA-related fields after completion of graduate studies.

Amount and Duration: Training Grants are awarded in the amount of \$30,000. This amount includes a \$21,000 student stipend, a student travel allowance of \$4,000, up to \$1,000 for health insurance, and a \$4,000 university allowance, which typically goes to the Research Adviser, who becomes the Principal Investigator for the Training Grant. Awards are renewable for one year for a Masters Degree and two years for a Ph.D. upon satisfactory academic advancement, research progress, and available funding.

Application Submission Guidelines: http://fellowships.hq.nasa.gov/gsrp/home/appl_guide.pdf

Deadline: February 1, 2009

Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program. The purpose is to promote the education, recruitment and retention of outstanding undergraduate and graduate students in science, mathematics, and engineering studies; the DoD is also interested in supporting the education of future scientists and engineers in a number of interdisciplinary areas. Scholarships awarded include a cash award, full tuition, required fees, and a book allowance. The SMART Program will allow individuals to acquire an education in exchange for a period of employment with the Department of Defense. The program is intended for citizens of the United States; students must be at least 18 years of age to be eligible for an award. **Application open and the deadline is December 15, 2009.** For information and to apply online, go to <http://www.asee.org/smart>

The National Defense Science and Engineering Graduate Fellowship Program (NDSEG). The fellowship program is sponsored by the Army Research Office, Office of Naval Research, Air Force Office of Scientific Research and the DoD High Performance Computing Modernization Program. This program is intended for U.S. citizens at or near the beginning of their doctoral studies in science or engineering programs. The fellowships are for three year tenures and include full tuition and fees, a competitive stipend, and a health insurance allowance. **The application deadline is on or about January 5, 2010.** Go to: <http://www.asee.org/ndseg> for applications and detailed program information.

The National Science Foundation Graduate Research Fellowship Program (GRFP). For U.S. citizens, nationals, or permanent resident aliens at or near the beginning of their graduate studies, this program offers a stipend of \$30,000 a year for three years and a \$10,500 cost of education allowance and a one-time \$1,000 travel allowance. For application and deadline information, go to: <http://www.fastlane.nsf.gov>. For additional program information, go to: www.nsf.gov/grfp . **Application open and closes early November.**

The National Science Foundation East Asia and Pacific Summer Institutes (NSF-EAPSI) Program. The East Asia and Pacific Summer Institutes provide U.S. graduate students in science and engineering first-hand research experience in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan. Students receive a \$5000.00 stipend and international roundtrip airfare. The primary goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts. The institutes last approximately eight weeks from June to August. **Application closes on or about December 8, 2009.** For additional program information, go to <http://www.nsf.gov/eapsi>.

The Office of Naval Research (ONR) Summer Faculty Research and Sabbatical Leave Program. This program is intended for U.S. citizens who hold teaching or research appointments relating to science and/or engineering at U.S. academic institutions. A competitive stipend, relocation and travel allowances, and a pre-program site visit are offered. **Application closes on or about December 1, 2009.** Go to: <http://www.asee.org/summer>.

The Air Force Summer Faculty Fellowship Program (SFFP). This program is intended for US citizens or permanent residents who have an earned doctorate in science or engineering and who hold full-time science or engineering faculty positions at US colleges, community colleges and universities. The duration of this summer fellowship is from 8 to 12 continuous weeks and research is performed on-site at Air Force laboratories. There is a competitive weekly stipend, and relocation and daily expense allowances are available for those who qualify. **The application closes on or about November 21, 2009.** To apply online, go to: <http://www.asee.org/sffp>.

The Navy Postdoctoral Fellowship Programs. This program is open to US citizens and legal permanent residents and offers a competitive stipend as well as insurance, relocation, and travel allowances. Locations include Navy Research Lab (NRL) and Naval Surface Warfare Center/ Indian Head. This program offers one to three year postdoctoral fellowships designed to increase the involvement of scientists and engineers from academia and industry to scientific and technical areas of interest and relevance to the Navy. **This program has a rolling admission.** Go to: <http://www.asee.org/nrl/>.

The Naval Research Enterprise Intern Program (NREIP). NREIP is a ten week summer research opportunity for undergraduate Juniors & Seniors, and Graduate students, under the guidance of a mentor, at a participating Navy Laboratory. The stipend amounts for the program are **\$5,500 for undergraduate students** and **\$6,500 for graduate students**. U.S. citizenship required; Permanent residents accepted at certain labs (Please see website for details.) The application opens **October 15, 2009** and must be completed by on or about **January 21, 2010**. Go to: <http://www.asee.org/nreip>.

The Science and Engineering Apprenticeship Program (SEAP). SEAP is an eight week summer research opportunity at participating ONR laboratories for high school student who have completed at least grade 9, must be 16 years of age for most Laboratories, and a U.S. citizen. A graduating senior is eligible to apply. The stipend for the summer program is **\$1,500 for new students; \$1,550 for returning students**. **The application opens October 15, 2009 and must be completed by on or about January 26, 2010.** Go to <http://www.asee.org/seap>.

The Hertz Foundation. Hertz builds America's capacity for innovation by nurturing remarkable applied scientists and engineers who show the most promise to change the world. Emphasis on near-term application of applied sciences or engineering; approximately 20 new fellowships awarded annually; tenable at most top-level U.S. research universities; two options available, chosen at time of award.

Option 1: Five-Year Hertz. \$31,000/9 month personal stipend*. Full tuition equivalent. Renewable up to five years.

Option 2: Other fellowship period – up to three years. \$3,500/year supplemental stipend* from Hertz Foundation. Requires awardee to accept three year fellowship from another source.

* +\$5,000/year for dependent child care.

Application deadline: October 30, 2009
Apply online at: www.hertzfoundation.org

Ford Foundation Fellowships and the National Academies Fellowships.

<http://www.nationalacademies.org/grantprograms.html> and
<http://sites.nationalacademies.org/pga/fordfellowships/>

Through its program of diversity fellowships, the Ford Foundation seeks to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students.

Eligibility to apply for a Ford fellowship is limited to:

- All citizens or nationals of the United States regardless of race, national origin, religion, gender, age, disability, or sexual orientation.
- Individuals with evidence of superior academic achievement (such as grade point average, class rank, honors or other designations),
- Individuals committed to a career in teaching and research at the college or university level.

For information regarding level-specific eligibility requirements, stipends, and other program information for each of the three levels of the fellowship program, please access the fact sheet for the program level of your interest: predoctoral, dissertation or postdoctoral.

National Physical Science Consortium. <http://www.npsc.org/>

If you aspire to a graduate degree and career in the physical sciences, biochemistry, computer science, and related fields in science and engineering, you may be a potential NPSC fellow.

NPSC's online application typically opens August 25 and closes November 5.

NPSC offers two programs, as explained on the other pages of the site. Each program uses the same online application:

1. Traditional NPSC Program. Initial support may be for two or three years, or for a full six years, depending on the employer-sponsor. Students typically apply while seniors in college.
2. Dissertation Support Program. A fellowship program that provides support while the graduate student conducts dissertation research. Students should apply in the year prior to the beginning of their dissertation research program, but not before they can describe their intended research in general terms.