

FUNDING YOUR GRADUATE EDUCATION

I. Types of Graduate funding

Funding from within your school

Financial offers from schools
Departmental funding
Teaching assistantships
Graduate research assistantships

External private or public funding

Private/Public
Fellowships/Traineeships
Portable/Fixed

II. Examples of Funding Sources – and there are many more out there!

General Government Sites for Students

www.science.gov/internships and www.students.gov

Objective: Provide students with information on science funding opportunities that have a national application pool and are sponsored by federal government agencies. In addition, lists internships, fellowships and scholarship information and links to programs sponsored by federal government agencies, including tips on applying.

NSF IGERT ~ www.igert.org

Objective: To educate U.S. Ph.D. scientists and engineers with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become leaders and creative agents for change.

Eligibility: US citizens and permanent residents pursuing doctoral studies in the areas of science, mathematics, engineering and technology

Availability: Over 100 programs at over 80 colleges and universities

- \$30,000 stipend plus tuition and fees per twelve month period
- 2 to 5 years of support
- Aprox. 1,000 traineeships awarded annually

NSF Graduate Research Fellowships ~ www.nsf.gov/grfp

Objective: To ensure the vitality of the human resource base of science, mathematics, and engineering in the United States and to reinforce its diversity.

Eligibility: US citizens pursuing studies in the STEM fields

Availability: Portable to any accredited college or university located in the United States or its territories or non-profit academic institution or appropriate international institutions offering advanced degrees in science, technology, engineering, and mathematics

- \$30,000 stipend + \$10,500 cost of education allowance
- Three years of support
- 1,000 fellowships awarded annually

Department of Homeland Security Graduate Fellowships ~ www.orau.gov/dhsed/

Objective: To ensure the future supply of individuals' skilled areas critical to homeland security.

Eligibility: Open to all US students interested in pursuing scientific and technological innovations applicable to the Homeland Security mission.

Availability: Portable to any accredited college or university located in the United States or its territories

- \$27,600 stipend + tuition and fees
- Renewable for up to three years
- Internship at DHS-designated facility required

NSF Graduate Teaching Fellows in K-12 Education (GK-12) ~

www.nsf.gov/funding/pgm_summ.jsp?pims_id=5472&org=DGE

Objective: The NSF GK-12 program is designed to partner elementary school teachers and scientists in an effort to improve science education. Through participation in the program fellows will hone their communication and teaching skills; teachers will strengthen their ability to teach science concepts; and elementary school students will benefit from inquiry-based, experiment-centered science lessons.

- \$30,000 stipend + tuition and fees

National Institute of Health, NIH

Ruth L. Kirschstein National Research Service Awards for Individual Pre-doctoral Fellowships (F31) to Promote Diversity in Health-Related Research

<http://grants2.nih.gov/grants/guide/pa-files/PA-07-106.html>

Research Supplements to Promote Diversity in Health-Related Research

<http://grants1.nih.gov/grants/guide/pa-files/PA-05-015.html>

Objective: To enhance the racial and ethnic diversity of the biomedical, behavioral, and health services research labor force in the United States.

Eligibility: Individuals must be citizens or non-citizen nationals of the United States, or have been lawfully admitted to the United States for permanent residence.

The National GEM Consortium ~ www.gemfellowship.org

Objective: To provide graduate educational opportunities for underrepresented minorities in engineering and science.

Availability: Portable fellowships to 90 Universities

- M.S. Engineering Fellowship ~ Minimum \$10,000 stipend over 2 years
- Ph.D. Engineering Fellowship ~ Minimum \$14,000 academic year stipend for 5 years
- Ph.D. Science Fellowship ~ Minimum \$14,000 academic year stipend for 5 years
- Summer Internships at 45 Company Members

Ford Foundation Diversity Fellowships ~ www7.nationalacademies.org/fordfellowships

Objective: To increase the diversity of the nation's college and university faculties

Eligibility: Applicants must intend to study a research-based field in the Sciences, Social Sciences, or Humanities

Availability: Portable to any fully accredited, nonprofit U.S. institution of higher education offering a Ph.D. or Sc.D. degree in the fields eligible for support in this program.

- 60 awards annually
- Stipend of \$19,000
- \$3,000 cost of education allowance
- Dissertation and postdoctoral fellowships also available.

III. Other Resources for Financial Information

- The Graduate Office at your University
- The Graduate Office at Universities of interest to you
- The Department you plan to pursue your degree in
- Department of Education Financial Aid Resources ~ www.ed.gov/finaid/info/find/edpicks.jhtml?src=ov
- Project 1000 waives up to seven application fees ~ <http://mati.eas.asu.edu:8421/p1000>