



## GRADUATE STUDENT OPPORTUNITIES: STEM

Note: This is not a comprehensive list of opportunities. Deadlines and program availability vary.

### ***Open to All, Including International Students***

#### **[American Heart Association \(AHA\) Predoctoral Fellowship](#)**

For students with research broadly related to cardiovascular function and disease and stroke, or related to clinical, basic science, bioengineering or biotechnology, or public health problems, including multidisciplinary efforts.

- Category: Pre-Dissertation
- Proposal Deadline: September

#### **[IBM PhD Fellowship](#)**

The IBM PhD Fellowship Awards Program is an intensely competitive worldwide program, which honors exceptional PhD students who want to make their mark in promising and disruptive technologies. All applicants must be nominated by a doctoral faculty member.

- Category: Multiyear
- Deadline: Varies

#### **[Link Foundation Fellowship in the Energy Field](#)**

For students pursuing a doctorate related to the societal production and utilization of energy.

- Category: Multiyear
- Deadline: December

#### **[Knight-Hennessy Scholarship](#)**

The Knight-Hennessy Scholarship develops a community of future global leaders to address complex challenges through collaboration and innovation. Every year, up to 100 high-achieving students from around the world will receive full funding to pursue any graduate degree at Stanford, including the DMA, JD, MA, MBA, MD, MFA, MS, and PhD programs, as well as joint- and dual-degrees.

- Category: Multiyear
- Deadline: October (internal application required)

### [National Institutes of Health \(NIH\) Graduate Partnerships Program \(Individual Partnerships\)](#)

This program is for current graduate students interested in completing all, or part, of their doctoral research at the NIH while exploring research and research-related careers. These are full-time research positions in one of the NIH Institutes and Centers (ICs) in the NIH Intramural Research Program. Research groups are located on all NIH campuses, including the main campus in Bethesda, MD.

- Category: Research Fellowship
- Deadline: Year-Round

### [National Institute of Justice \(NIJ\) Graduate Research Fellowship Program](#)

For students at U.S. institutions pursuing a doctorate broadly related to forensic techniques and analysis, criminal behavior, crime prevention, or victim services. Funds dispersed after dissertation approval.

- Category: Multiyear
- Deadline: December

### [Quad Fellowship](#)

The Quad Fellowship supports 100 exceptional American, Japanese, Australian, and Indian master's and doctoral students in science, technology, engineering, and mathematics (STEM) to study in the United States. The fellowship develops a network of science and technology experts committed to advancing innovation and collaboration.

- Category: Multiyear
- Deadline: February

## ***International and Underrepresented Students***

### [American Association of University Women \(AAUW\) American Fellowship](#)

Supports women completing their dissertation writing during the award year.

- Category: Dissertation Completion
- Deadline: October

### [American Association of University Women \(AAUW\) International Fellowship](#)

In existence since 1917, the program provides support for women pursuing full-time graduate or postdoctoral study in the United States to women who are not U.S. citizens or permanent residents, and who intend to return to their home country to pursue a professional career.

- Category: Multiyear
- Deadline: October

### [GEM Fellowship](#)

Financial support for MS and PhD students in STEM, as well as connections to internship and hiring opportunities. GEM has a solid success record in implementing effective programs to increase the recruitment, retention, and graduation of minority students.

- Category: Multiyear
- Deadline: November

#### [Graduate Fellowships for STEM Diversity](#)

Up to six years of support for US citizens pursuing graduate degrees in the physical sciences and related engineering fields, emphasizing recruitment of a diverse applicant pool. Nomination required.

- Category: Multiyear
- Deadline: January

#### [Schlumberger Faculty for the Future Fellowship](#)

Faculty for the Future fellowships are awarded to women from developing and emerging economies who are preparing for PhD or post-doctoral study in Science, Technology, Engineering and Math (STEM) disciplines to pursue advanced graduate study at top universities in their disciplines abroad.

- Category: Multiyear
- Deadline: November

#### [Society of Women Engineers Scholarship](#)

Multiple scholarships in varying amounts for women at all levels of undergraduate and graduate studies in fields related to engineering, engineering technology, and computing.

- Category: Multiyear
- Deadline: February

### **Domestic Students**

#### [National Science Foundation Graduate Research Fellowship Program \(NSF GRFP\)](#)

For first- and second-year graduate students at U.S. institutions doing research in fields broadly related to STEM, including education (HPS qualifies). Three years of support.

- Category: Multiyear
- Deadline: October

#### [Fulbright U.S. Student Program](#)

Prestigious fellowship that allows for a study, research, or ESL teaching abroad. Encourages STEM students to apply.

- Category: Academic Year, Study Abroad
- Campus Deadline: August

#### [Department of Defense National Defense Science and Engineering Graduate Fellowships](#)

A portable three-year fellowship for first- and second-year graduate students who intend to pursue a doctoral degree in STEM.

- Category: Multiyear
- Deadline: November

#### [Department of Defense SMART Scholarship](#)

Full scholarships for U.S. citizens studying STEM. Includes summer DOD internships and a DOD-supported job upon degree completion.

- Category: Multiyear
- Deadline: March

#### [Department of Energy Nuclear Energy University Program Fellowship](#)

Fellowships for first- and second-year graduate students (application cycle either senior year of undergrad or as a first-year graduate student) in science and engineering programs related to nuclear energy. A 10-week internship at a secondary DOE or IUP facility is required.

- Category: Multiyear
- Deadline: January

#### [Department of Energy National Nuclear Security Admin. Stewardship Science Graduate Fellowship](#)

For first- and second-year PhD students with research related to stewardship science, nuclear energy, and physics. Fellowship is accompanied by practical work experience at DOE NNSA research facilities.

- Category: Multiyear
- Deadline: January

#### [Department of Energy Computational Science Graduate Fellowship](#)

For first-year graduate students in STEM-related disciplines using math and computing to tackle research problems.

- Category: Multiyear
- Deadline: January

#### [NASA Space Technology Research Fellowship](#)

Supports up to three years of graduate research to be completed both on campus and in a NASA-affiliated lab. For STEM and related fields.

- Category: Multiyear
- Deadline: November and May (two phases)

#### [Hertz Foundation Fellowship](#)

Up to five years of support for first-year PhD students in applied physical, biological, and engineering sciences willing to make a moral commitment to employ their technical skills in a national emergency.

- Category: Multiyear
- Deadline: October

**National Institutes of Health (NIH) Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship (F31)**

Support for promising doctoral candidates who will be performing dissertation research and training in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers.

- Category: Pre-Dissertation
- Deadline: Spring, Fall, and Winter phases

**National Institutes of Health (NIH) Summer Internship Program (SIP)**

This program is for college, graduate and professional students interested in exploring careers in research and healthcare. These are full-time research positions within one of the NIH Institutes and Centers (IC) in the NIH Intramural Research Program. Research groups are located on all NIH campuses, including the main campus in Bethesda, MD.

- Category: Research Internship
- Deadline: February

**Thermo Scientific Pierce Scholarship Program**

For students in biology, chemistry, biochemistry, or a related life science field. Quick and easy application; funding can be “stackable” with other awards.

- Category: Academic Year
- Deadline: July

**PhRMA Foundation Pre-Doctoral Fellowships**

Funding for PhD students who expect to graduate within two years of the award and with research related to health or informatics.

- Category: Multiyear
- Deadline: Varies