



## GRADUATE STUDENT FELLOWSHIP OPPORTUNITIES: STEM

**Remember:** This is not a comprehensive list of opportunities. Deadlines, eligibility requirements, and program availability vary.

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

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

Supports research broadly related to cardiovascular function and disease and stroke, or related to clinical, basic science, bioengineering or biotechnology, or public health problems.

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

Honors exceptional PhD students who want to make their mark in promising and disruptive technologies.

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

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.

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

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

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

Full-time research positions in one of the NIH Institutes and Centers (ICs) in the NIH Intramural Research Program.

#### [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.

### *International and Underrepresented Students*

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

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.

#### [Ford Foundation Dissertation Fellowship](#)

Provides one year of support for individuals working to complete a dissertation leading to a Doctor of Philosophy (PhD) or Doctor of Science (ScD) degree.

#### [Ford Foundation Predoctoral Fellowship](#)

For individuals committed to careers in teaching and research at the university level, who show promise of future achievement and will use diversity as a resource for enriching the education of all students.

#### [GEM Fellowship](#)

Financial support for MS and PhD students in STEM, as well as connections to internship and hiring opportunities.

#### [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.

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

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.

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

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

### *Domestic Students*

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

Supports women scholars who are pursuing full-time study to complete dissertations, conducting postdoctoral research full time, or preparing research for publication for eight consecutive weeks.

#### **Villanova University Center for Research and Fellowships**

Garey Hall 200 (Top Floor) | 800 Lancaster Avenue Villanova, PA 19085

Email: [CRF@villanova.edu](mailto:CRF@villanova.edu) | Web: <https://www1.villanova.edu/university/research-scholarship/crf.html>

Schedule a consultation on Handshake: <https://villanova.joinhandshake.com/edu>

### [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.

### [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.

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

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

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

Fellowships for first- and second-year graduate students in science and engineering programs related to nuclear energy. A 10-week internship at a secondary DOE or IUP facility is required.

### [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.

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

Program participants pursue graduate study, conduct research, or teach English abroad.

### [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.

### [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.

### [National Institutes of Health \(NIH\) Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows \(F31\)](#)

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.

### [National Institutes of Health \(NIH\) Summer Internship Program \(SIP\)](#)

Full-time research positions within one of the NIH Institutes and Centers (IC) in the NIH Intramural Research Program.

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

Supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based master's and doctoral degrees at accredited United States institutions.

### [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.

### [Presidential Management Fellowship](#)

Government-based leadership development program at the entry level for advanced degree candidates.

### [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.

#### [Villanova University Center for Research and Fellowships](#)

Garey Hall 200 (Top Floor) | 800 Lancaster Avenue Villanova, PA 19085

Email: [CRF@villanova.edu](mailto:CRF@villanova.edu) | Web: <https://www1.villanova.edu/university/research-scholarship/crf.html>

Schedule a consultation on Handshake: <https://villanova.joinhandshake.com/edu>