

Graduate Student External Fellowships & Awards

Department of Earth and Planetary Sciences, Harvard University

GENERAL INFORMATION

- Incentives to apply: Writing fellowship applications helps students organize and fine-tune their research plans; grants can provide more intellectual freedom; enhances your CV; potential financial benefit; part of EPS culture but not required
- Awards may come with constraints or requirements, for example: teaching restrictions, requirement to attend the agency's annual conference, submission of an annual report. Awards funded by the US government typically do not allow you to hold more than one award concurrently.
- Students with a master's degree may not be eligible for some awards.
- The external award stipend replaces your Harvard/EPS stipend. If the award is higher than the Harvard stipend, you keep the full amount. If lower, Harvard makes up the difference.
- If you teach while you have an outside fellowship, you may keep the full stipend from teaching in addition to the fellowship even if it is while teaching the two required sections—provided the funding agency approves.
- You must inform Sarah Colgan and Joanne Choi if you get an external financial award.
- Some applications (such as for the NASA fellowship) must be reviewed by EPS and submitted by Harvard.
- Non-US citizens may want to look for fellowship opportunities from their home country.
- If you want help with your application or have questions, Sarah can put you in touch with EPS students who've previously won awards.

EPS CONTACTS

- [Sarah Colgan](#), Graduate Coordinator, Hoffman 407
- [Carolyn Jones](#), Research Administration, Hoffman 403
- [Joanne Choi](#), Payroll Coordinator, Hoffman 405

HARVARD RESOURCES

- [CARAT](#) – fellowships database maintained by GSAS
- [GSAS Fellowships Office](#) – resources for graduate students
- [Harvard University Committee on General Scholarships](#)

FELLOWSHIPS and AWARDS – review websites for exact deadlines and full details

[Air and Waste Management Association Scholarship](#)

Open to students pursuing research in air quality; waste and environmental management, policy; sustainability. One-year award varies by student (\$1,500-\$7,500).

Deadline: January

[Amelia Earhart Fellowship Program](#)

Open to women of any nationality pursuing a PhD in aerospace-related sciences and engineering. \$10,000 for one year; may be renewed.

Deadline: November

American Association of University Women: American Fellowships-Dissertation Fellowship

Open to women scholars in any field, especially science, technology, engineering, and math. Award must be used for the final year of writing the dissertation. Applicant must be a US citizen or permanent resident. Award is \$20,000 for one year.

Deadline: November

American Geosciences Institute: Harriet Evelyn Wallace Scholarship

For women pursuing a PhD in the geosciences. Applicant must have at least one year left in the program and be a US citizen or permanent resident. Award is for \$5,000/year up to two years.

Deadline: January

American Meteorological Society: Graduate Fellowship

For first-year graduate students in atmospheric or related studies; must apply prior to starting the PhD program. Award includes \$25,000 stipend for 9 months.

Deadline: January

Barringer Family Fund for Meteorite Impact Research

Supports student field work (travel plus lab/computer analysis) in impact cratering processes. Award ranges from \$2,500 to \$5,000.

Deadline: April

Desert Research Institute: Peter B. Wagner Memorial Award for Women in Atmospheric Sciences

Open to women pursuing a PhD in atmospheric sciences or a related field. Applicants must submit a paper based on original research directly related to the identification, clarification, or resolution of an atmospheric or climatic problem. Award is \$1,500 for one year.

Deadline: March

Department of Energy: Computational Science Graduate Fellowship

For students pursuing research in scientific or engineering disciplines using high-performance computing. Applicant must be a first-year PhD student at time of application and a US citizen or permanent resident. Award is for up to 4 years; includes \$36,000 stipend, full tuition + \$5,000 academic allowance in year 1 and \$1,000 in years 2-4. Fellowship recipients must limit teaching and complete a 12-week practicum at a DOE lab; may be required to take additional courses.

Deadline: January

Department of Energy, National Nuclear Security Administration: Stewardship Science Graduate Fellowship

Open to first- or second-year PhD students focusing on high energy density physics, nuclear science, and materials under extreme conditions and hydrodynamics. Applicant must be a US citizen or permanent resident. Award is for up to 4 years; includes \$36,000 stipend, full tuition + \$5,000 academic allowance. Fellowship recipients must limit teaching and complete a 12-week practicum at a DOE lab.

Deadline: January

Department of Energy, Office of Science: Graduate Student Research Program

Supplemental award for PhD students in specific sciences aligned with their mission to perform research at a DOE lab. Applicant must be in the research stage (post-quals) and a US citizen or permanent resident. Awards range from 3 months to 1 year and can cover stipend and travel.

Deadline: May and November

Ford Foundation

For PhD students in earth sciences (among other fields) who are committed to a career in teaching and research at the university level. Open to US citizens, particularly members of these groups: Alaska Natives, Black/African Americans, Mexican Americans/Chicanas/os, Native American Indians, Native Pacific Islanders, and Puerto Ricans.

[Predoctoral Fellowship](#): For students who have 3+ years left in their PhD program. \$24,000 stipend for up to 3 years. Deadline: December

[Dissertation Fellowship](#): For students who plan to graduate in the following academic year. \$25,000 stipend for one year. Deadline: December

Geological Society of America: Graduate Student Research Grants

Grants can cover travel, field assistants, analyses, and more. Average grant is \$1,752.

Deadline: February 1

Harvard Fellowships

Harvard administers traveling fellowships to Australia, Canada, China, France, Germany, New Zealand, South Africa, UK, and other countries. Usually for one year abroad; award amount varies. Coordinated by the [GSAS Fellowships Office](#) and the [Committee on General Scholarships](#).

Deadline: Varies by program

Harvard GSAS: Merit Fellowship

For GSAS students to devote more time to research, field work, or writing. Usually awarded in fourth or fifth year; student must have passed oral exam. Award covers the stipend for about 4.5 months. *NB: After you apply, EPS will select students to nominate to GSAS.*

Deadline to EPS: late November. This is several weeks earlier than the GSAS-posted deadline.

Hertz Foundation Fellowship

Applicants must be students of the applied physical, biological and engineering sciences who are citizens or permanent residents of the US, and who are willing to morally commit to make their skills available to the US in time of national emergency. Usually awarded to first-year graduate students. Award includes 9-month stipend + tuition for up to 5 years.

Deadline: October

National Aeronautics and Space Administration (NASA): Earth Space Sciences Fellowship

For PhD students in Earth and planetary science and related disciplines. Preference is given to US citizens when two or more proposals are of equal scientific merit. Award is for up to 3 years; includes \$35,000 stipend + \$10,000 for expenses such as tuition, research-related travel, page charges.

NB: Applications must be reviewed and submitted by EPS/Harvard (not the student) and are awarded in the name of the faculty advisor.

Deadline to EPS: January (up to two weeks earlier than the NASA-posted deadline)

National Defense Science and Engineering Graduate Fellowship

Open to students in several Department of Defense science and engineering disciplines including geosciences and oceanography. Applicant must be a US citizen and currently a first- or second-year graduate student. Award is for up to 4 years; includes \$38,400 stipend, full tuition + \$1,500/year towards health insurance.

Deadline: December

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

Supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics. Applicant must be a US citizen and may only submit one application either in the first or second year of graduate school. Award includes \$34,000 stipend + \$12,000 tuition for 3 years. Note: Some teaching restrictions.

Deadline for Geosciences: October

[Schlanger Ocean Drilling Fellowship Program](#)

For students to conduct research in marine geosciences related to the International Ocean Discovery Program. Award is \$30,000 for one year towards stipend, tuition, and related expenses.

Deadline: December

[Schlumberger Foundation: Faculty for the Future](#)

For women from a developing or emerging country in a PhD program in the physical sciences, engineering, or a related discipline. Must demonstrate a commitment to teaching and willingness to contribute to home country; see website for details. Up to \$50,000/year; may be renewed.

Deadline: November

[SMART \(Science, Mathematics And Research for Transformation\) Scholarship for Service Program](#)

For students in Science, Technology, Engineering, and Mathematics disciplines. Program aims to increase the number of scientists and engineers working at the US Dept. of Defense Labs. Open to citizens of the US, Australia, Canada, New Zealand, UK; security clearance required. Students must work as a civilian research scientist or engineer for a period equal to the length of the award. Award includes annual stipend (\$25,000 - \$38,000), full tuition & fees, \$1,200 for health insurance, \$1,000 supplies allowance, employment placement.

Deadline: December

[Society for Organic Petrology: Spackman Award](#)

Provides up to \$1,000 to support PhD research in organic petrology; funds should be used for fieldwork & laboratory analyses.

Deadline: May

[Switzer Environmental Fellowship Program](#)

For students who want to improve environmental quality and demonstrate leadership in their field. Applicants must have completed at least 3 years of doctoral work by July or must have passed the qualifying exam by May 1 in the year the fellowship is awarded. Open to US citizens in New England and California. Award includes \$15,000 plus networking and leadership support.

Deadline: January