

Fellowships for Graduate Students and Post-doctoral Fellows in STEM Fields

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The following is a list of funding opportunities for people, mostly for graduate students and postdocs, working in STEM Fields. This is not an exhaustive list. Additional opportunities are available at www.grants.gov and other databases. URLs are provided for some of the opportunities. For the others, simply copy the name of the opportunity and paste it into your browser window.

1. [American Institute of Aeronautics and Astronautics Fellowships](#)
The objective of the American Institute of Aeronautics and Astronautics is to advance the arts, sciences and technology of aeronautics and astronautics. The AIAA Foundation Graduate Award program was established to promote graduate student and university research interest in technical fields.
2. [American Meteorological Society Industry/Government Graduate Fellowships](#)
This society provides funding for students in the atmospheric and related oceanic and hydrologic fields.
3. [Bullitt Environmental Leadership Fellowship](#)
This is a two-year, \$50,000/year fellowship for graduate students interested in pursuing leadership positions within the environmental field.
4. [Christine Mirzayan Science & Technology Policy Graduate Fellowship Program](#)
Fellows develop basic skills essential to working or participating in science policy at the federal, state, or local levels. Areas of study may include any social/behavioral science, medical/health discipline, physical or biological science, any field of engineering, law/business/public administration, or any relevant interdisciplinary fields. The program provides early career individuals with the opportunity to spend 12 weeks at the Academies in Washington, DC learning about science and technology policy and the role that scientists and engineers play in advising the nation.
5. [Department of Energy National Nuclear Security Administration Stewardship Science Graduate Fellowship \(SSGF\) Program](#)
Provides outstanding benefits and opportunities to students pursuing a PhD in areas of interest to stewardship science, such as high-energy-density physics, low-energy nuclear science, or properties of materials under extreme conditions and hydrodynamics. Fellows also participate in research at a DOE laboratory.
6. [DOE Office of Science Graduate Fellowship Program](#)
Program to support outstanding students to pursue graduate training in basic research in the areas of physics, biology, chemistry, mathematics, engineering, computational sciences and environmental sciences relevant to the Office of Science and to encourage the development of the next generation of scientific and technical talent in the U.S.

7. Department of National Defense Science and Engineering Graduate Fellowship Program
Fellowships are awarded to applicants who will pursue a doctoral degree in, or closely related to, an area of DoD interest.
8. EPA National Network for Environmental Management Studies Fellowship Program
A comprehensive fellowship program that provides graduate students an opportunity to participate in a fellowship project that is directly related to their field of study.
9. EPA STAR Fellowships
Funds research grants and graduate fellowships in numerous environmental science and engineering disciplines.
10. Evette Harless Scholarship
National Go Solar Foundation (NGSF) established the “Evette Harless Scholarship”. This scholarship awards \$1,000 annually to up to ten graduate students. More information and the requirements are available in the organization's website.
11. Fannie and John Hertz Fellowships in the Applied Physical Sciences
The Hertz Foundation Graduate Fellowship empowers outstanding young people pursuing a PhD degree in the applied physical, biological, and engineering sciences with the freedom to innovate and explore their genius in collaboration with leading professors in the field.
12. Howard Hughes Medical Institute Grants
Fellowships and grants supporting biomedical research. Gilliam Fellowships for Advanced Study: Gilliam Fellows are graduate students from diverse backgrounds at a critical transition on their paths towards becoming future scientific leaders, particularly in academia. Occasional special Graduate Fellowship Programs are announced.
13. IBM Ph.D. Fellowship Awards Program
Strong collaboration with faculty, students and universities is vital to IBM. The IBM PhD Fellowship Program advances this collaboration by recognizing and supporting exceptional PhD students who want to make their mark in promising and disruptive technologies. Focus areas include; AI / Cognitive Computing, Blockchain, Cloud Computing, Data Science / Big Data / Analytics, Internet of things, and Quantum Computing, Security
14. National Institute of Justice Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics (GRF-STEM)
NIJ’s Graduate Research Fellowship (GRF) program supports doctoral students engaged in research that advances NIJ’s mission. The Graduate Research Fellowship in Science, Technology, Engineering and Mathematics (GRF-STEM) track is open to doctoral students in STEM fields of study. The GRF-STEM program supports doctoral research with relevance to crime and criminal justice in the United States.

15. American Society for Cell Biology (ASCB)
ASCB is an inclusive, international community of biologists studying the cell, the fundamental unit of life. We are dedicated to advancing scientific discovery, advocating sound research policies, improving education, promoting professional development, and increasing diversity in the scientific workforce. <https://www.ascb.org/careers/show-me-the-money-funding-opportunities-for-international-graduate-students-and-postdocs/>
16. Link Foundation Fellowship in Advanced Simulation and Training
Funding for doctoral students studying simulation and training research and its application to fields such as computer science, engineering, psychology and education.
17. Michelson Grants
US Graduate students with the top proposals in three categories (gene silencing, depot formulation, and engineering/ materials science approaches to non-surgical sterilization of cats and dogs) will be awarded a \$15,000 cash prize and will have the opportunity to apply for grant funding for their proposal in collaboration with a faculty advisor.
18. Microsoft Research Student Fellowship
Provides financial support for students conducting computer science research.
19. NASA Fellowships
 - A. NASA Space Technology Graduate Research Opportunities - Fall 2020 (NSTGRO20)
 - B. TRISH Announcement Soliciting Postdoctoral Fellowship Applications
20. National Academies Fellowships
The National Academy of Sciences, National Academy of Engineering, Institute of Medicine and National Research Council offer several fellowships in science, engineering and medicine.
21. National Physical Science Consortium Graduate Fellowships in Science and Engineering
Fellowships and internship opportunities in science fields such as astronomy, chemistry, computer science, geology, materials science, mathematical sciences, physics and related engineering fields: chemical, computer, electrical, environmental, mechanical.
22. National Water Research Institute Fellowships
Fellowships to graduate students in the U.S. in the areas of water resources and treatment.
23. NIH: Ruth L. Kirschstein National Research Service Awards
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.

24. NSF Graduate Research Fellowship Program (GRFP)
Provides three years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research.
25. Rocky Mountain Research Fellowship
This fellowship opportunity invites a broad range of research proposals to be reviewed and conducted in Rocky Mountain National Park, including wildlife management, vegetation and riparian studies, fire ecology, cultural sciences, archeology and historic structures preservation, as well as other topics in botany, zoology, geology, history, ecology and ornithology.
26. The Science, Mathematics & Research for Transformation (SMART) Scholarship for Service Program
Supports undergraduate and graduate students pursuing degrees in Science, Technology, Engineering and Mathematics (STEM) disciplines.
27. Sigma Xi, Grants-in-Aid
The program awards grants of up to \$1,000 to students from all areas of the sciences and engineering.
28. U.S. Department of Energy Computational Sciences Graduate Fellowships
Funding for students pursuing doctoral degrees in fields of study that use high performance computing to solve complex science and engineering problems.
29. U.S. Department of Homeland Security Graduate Fellowship Program
Provides stipend, tuition, and fees for students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines with an interest, major or concentration directly related to one of the homeland security research areas.
30. Winston Churchill Foundation Scholarships
Provides funding for graduate students to conduct research and study for a year at Cambridge University.
31. American Indian College Fund (AICF)
Disburses approximately 6,000 scholarships annually for American Indian students seeking to better their lives through higher education.
32. American Indian Science & Engineering Society (AISES)
The American Indian Science and Engineering Society (AISES) is a national, nonprofit organization focused on substantially increasing the representation of American Indians, Alaska Natives, Native Hawaiians, Pacific Islanders, First Nations and other indigenous

peoples of North America in science, technology, engineering and math (STEM) studies and careers.

33. American Psychological Association Minority Fellowship Program (MFP)
Provides financial support, professional development activities and guidance to promising doctoral students and postdoctoral trainees with the goal of moving them toward high achievement in areas related to ethnic minority behavioral health research or services.
34. A.T. Anderson Memorial Scholarship
Scholarships are awarded to members of American Indian Science and Engineering Society (AISES) who are American Indian/Alaskan Native college students pursuing academic programs in the sciences, engineering, medicine, natural resources and math.
35. Gates Millennium Scholars
The Gates Millennium Scholars (GMS) program supports African American, American Indian/Alaska Native, Asian Pacific Islander American and Hispanic American students with high academic and leadership promise who have significant financial need, in order to increase the representation of these target groups in the disciplines of computer science, education, engineering, library science, mathematics, public health and the sciences.
36. Hispanic College Fund
<http://www.collegescholarships.org/grants/hispanic.htm>
37. Hispanic Scholarship Fund (HSF)
Founded in 1975, the Hispanic Scholarship Fund (HSF) empowers Latino families with the knowledge and resources needed to successfully complete a higher education, and provides scholarships and support services to as many exceptional Hispanic American students as possible. The HSF administers various scholarship programs. Each program has its own eligibility criteria, open/close dates and required documents. www.hsf.net
38. Minorities in Government Finance Scholarship
Scholarship for minority students in one of the following fields: public administration, accounting, finance, political science, economics or business administration.
39. National Consortium for Graduate Degrees for Minorities in Engineering and Science
Provides fellowships for minority students at the master's and doctoral level in science and engineering fields. The fellowship also provides access to internships in research and development, product development and other high level technical careers.
40. Paul and Daisy Soros Fellowships for New Americans
Provides fellowships for graduate students in all fields of study who are permanent residents, naturalized citizens or children of naturalized citizen parents.

41. Scholarships and Graduate Fellowships for Women and Minorities
A listing of minority scholarships for college and graduate school students, fellowships, internships and grants. <https://www.scholarshipsforwomen.net/graduate/> and <https://www.debt.org/students/scholarships-and-grants/aid-for-women-minorities-and-other-groups/>
42. United Negro College Fund (UNCF)
The UNCF administers various scholarship programs. Each program has its own eligibility criteria, open/close dates and required documents. www.uncf.org
43. NIH Predoctoral Graduate Fellowship Awards for Minority Students
This program encourages students from underrepresented racial and ethnic groups, individuals with disabilities and individuals from disadvantaged backgrounds to seek research doctoral degrees in the biomedical and behavioral sciences.
44. U.S. National Science Foundation (NSF) Minority Postdoctoral Research Fellowships
In an effort to increase the participation of underrepresented groups in selected areas of science in the U.S., these fellowships support training and research in science, technology, engineering and mathematics (STEM).
45. Ford Foundation Dissertation and Predoctoral Fellowships
Through its Fellowship Programs, the Ford Foundation seeks to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, maximize the educational benefits of diversity, and increase the number of professors who can and will use diversity as a resource for enriching the education of all students. Predoctoral, Dissertation, and Postdoctoral fellowships will be awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation
46. International Foundation for Ethical Research (IFER) Graduate Fellowship Program
The International Foundation for Ethical Research (IFER) supports the development, validation and implementation of innovative scientific methodologies that advance science and replace the use of animals in research, testing and education. IFER bridges the gap between the ethical concerns of people who oppose the suffering of animals and the concerns of scientists who recognize the limitations of other species to model human diseases and to predict what is safe and effective for people. IFER invests in opportunities that are inspired by the potential of 21st century technologies and provides incentives to researchers to pursue answers to today's questions in science without causing harm to animals.
47. Dolores Zohrab Liebmann Fellowships
The Will of Dolores Zohrab Liebmann created a perpetual charitable trust designated as "The Dolores Zohrab Liebmann Fund" for the purpose of funding advanced education and graduate study grants, which must be carried out entirely in the United States of

America. The Dolores Zohrab Liebmann Fellowships are to be awarded only to candidates who have outstanding undergraduate records, have demonstrated a need for financial assistance, are citizens of the United States of America, are enrolled in accredited colleges and universities in the United States and have received baccalaureate degrees.

48. The Charlotte W. Newcombe Doctoral Dissertation Fellowship.

Fellowships support the final year of work on Ph.D. dissertations dealing with ethical or religious values in fields across the humanities and social sciences.

49. Woodrow Wilson Graduate School of Teaching and Learning

The Woodrow Wilson Graduate School of Teaching and Learning is reinventing teacher education for the 21st century. The WW Graduate School offers a competency-based master's in education program leading towards initial teacher licensure at the secondary level in biology, chemistry, and mathematics.

50. The Woodrow Wilson Teaching Fellowships

The Woodrow Wilson Teaching Fellowship program recruits and prepares the nation's best and brightest recent graduates and career changers with STEM backgrounds to teach in middle and high school science and math classrooms. It also works with university partners to change the way these top teacher candidates are prepared, focusing on an intensive full-year experience in local classrooms and rigorous academic work.

51. USDA/NIFA AFRI Grants for Graduate Students (PhD), Postdocs & Early Career Faculty

NIFA provides AFRI grants to support research, education and extension activities in six Farm Bill priority areas: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities.

52. Supplements to NIH "C, D, F, G, K, R, T, and U" Grants

<https://grants.nih.gov/grants/guide/pa-files/PA-18-591.html>

53. National Science Foundation (NSF) Special Programs for Graduate Students

https://www.nsf.gov/funding/education.jsp?fund_type=2

54. Fraternity/Sorority Grants

<http://www.collegescholarships.org/scholarships/fraternity.htm>

55. Central Alabama Community Foundation

<https://cacfinfo.org/grants/>

56. The Alabama Commission on Higher Education
<https://ache.edu/>
57. American College of Clinical Pharmacy (ACCP)
 A great resource for finding funding from pharmaceutical agencies is the ACCP Foundation. The ACCP searchable database is located at:
<https://www.accpfoundation.org/fundingRegistry/index.aspx>
58. The Southern Regional Educational Board (SREB)
<https://www.sreb.org/doctoral-scholars-program>
59. American Association of University Women (AAUW) Fellowships.
 AAUW American Fellowships support women scholars who are completing dissertations, planning research leave from accredited institutions, or preparing research for publication. Applicants must be U.S. citizens or permanent residents. Candidates are evaluated on the basis of scholarly excellence; quality and originality of project design; and active commitment to helping women and girls through service in their communities, professions, or fields of research. <https://www.aauw.org/>
60. Funding for Graduate Students in STEM
<https://stemgradstudents.science.gov/>

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20. <https://www.accpfoundation.org/fundingRegistry/index.aspx>