

Scholarships and Fellowships

AAUW Fellowship

AAUW has a long and distinguished history of advancing educational and professional opportunities for women in the United States and around the globe. **American Fellowships** support women doctoral candidates completing dissertations or scholars seeking funds for postdoctoral research leave from accredited institutions. Candidates must be U.S. citizens or permanent residents. Candidates are evaluated on the basis of scholarly excellence, the quality and originality of project design, and active commitment to helping women and girls through service in their communities, professions, or fields of research.

AkzoNobel Award for Outstanding Graduate Research in Polymer Chemistry

Under the auspices of The Polymer Education Committee (POLYED) of the ACS divisions of Polymer Chemistry and of Polymeric Materials Science & Engineering, the award recognizes a graduate student or recent graduate who has completed an outstanding Ph.D. thesis in research accepted by a U.S. or Canadian university during the three-year period prior to Jan. 1 of the award year.

The Clare Boothe Luce Program

Since its first grants in 1989 the Clare Boothe Luce Program (CBL) has become the single most significant source of private support for women in science, mathematics and engineering. Clare Boothe Luce, the widow of Henry R. Luce, was a playwright, journalist, U.S. Ambassador to Italy, and the first woman elected to Congress from Connecticut. In her bequest establishing this program, she sought “to encourage women to enter, study, graduate, and teach” in science, mathematics and engineering.

Department of Energy Office of Science Graduate Fellowship (DOE SCGF)

The Department of Energy (DOE) Office of Science (SC) established the DOE Office of Science Graduate Fellowship (DOE SCGF) program in 2009 to support outstanding students to pursue graduate training in fundamental research in areas of physics, biology, chemistry, mathematics, engineering, computer and computational sciences, and environmental sciences relevant to the Office of Science and to encourage the development of the next generation scientific and technical talent in the U.S who will pursue careers in research critical to the Office of Science mission at DOE laboratories and in academia.

Department of Energy Computational Science Graduate Fellowship (DOE CSGF)

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) program provides outstanding benefits and opportunities to students pursuing doctoral degrees in fields of study that use high performance computing to solve complex science and engineering problems.

DSM Polymer Technology Award

The Award – which carries a cash prize of USD 2,000 – has been established in 2011 to recognize and reward excellence in innovative PhD research in polymer technology. Nominations must relate to PhD research in fields including but not limited to medical coatings, implant polymers, drug delivery, tissue engineering, and regenerative medicine.

Ford Foundation Fellowship:

Through its Fellowships Programs, the Ford Foundation seeks to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students. Fellowships are offered at the predoctoral, dissertation, and postdoctoral levels.

GEM Fellowship

GEM's fellowship programs span the entire recruitment, retention, and professional development spectrum. GEM's principal activity is the provision of graduate fellowships at the MS and Ph.D. levels coupled with paid summer internships. GEM is devoted to increasing access and success in engineering and science graduate education and practice. GEM has a solid success record in implementing effective programs to increase the recruitment, retention, and graduation of minority students.

Hertz

The Hertz Foundation provides fellowships at some of the nation's leading universities for graduate work leading to award of the Ph.D. degree in the applied physical, biological and engineering sciences. These fields include applied mathematics, statistics, and quantitative aspects of modern biology.

NASA

The NASA Graduate Student Researchers Program (GSRP) is an Agency-wide fellowship program (also called GSRP Training Grants in what follows) for graduate study leading to masters or doctoral degrees in the fields of science, mathematics, and engineering related to NASA research and development. This twelve month award requires students to participate in a ten week research experience at the NASA Center or HQ extending the GSRP fellowship award.

NDSEG

As a means of increasing the number of U.S. citizens and nationals trained in science and engineering disciplines of military importance, the Department of Defense (DoD) plans to award approximately 200 new three-year graduate fellowships in April 2012, subject to the availability of funds. The DoD will offer these fellowships to individuals who have demonstrated the ability and special aptitude for advanced training in science and engineering.

NIH F31 (Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows (F31))

The objective of this funding opportunity announcement is to help ensure that highly trained scientists will be available in adequate numbers and in appropriate research areas to carry out the Nation's biomedical, behavioral, and clinical research agenda. The participating Institutes of the National Institutes of Health (NIH) provide individual predoctoral research training fellowship awards to promising doctoral candidates who have the potential to become productive, independent investigators in research fields relevant to the missions of these participating NIH Institutes and Centers.

Northeastern Association of Graduate Schools Dissertation Award

Each year the Northeastern Association of Graduate Schools recognizes an outstanding dissertation that has been produced by a Ph.D. candidate at one of its member institutions. Nominees must have received the doctoral degree within five years preceding the year of competition.

NPSC (National Physical Sciences Consortium)

The National Physical Science Consortium is a partnership between government agencies and laboratories, industry, and higher education. NPSC's goal is to increase the number of American citizens with graduate degrees in the physical sciences and related engineering fields, emphasizing recruitment of a diverse applicant pool including women and minorities.

NSF Graduate Fellowship

The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce in the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in fields within NSF's mission. The 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. The ranks of NSF Fellows include individuals who have made transformative breakthroughs in science and engineering research and have become leaders in their chosen careers and Nobel laureates. The NSF expects to award 2,000 graduate research fellowships in this cycle.

Society of Women Engineers

The SWE Scholarship Program provides financial assistance to women admitted to accredited baccalaureate or graduate programs, in preparation for careers in engineering, engineering technology and computer science. In 2011, SWE disbursed 188 new and renewed scholarships valued at \$540,000.

SMART Scholarship Program (Department of Defense)

The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program provides full scholarships to students pursuing an undergraduate or graduate degree in Science, Technology, Engineering, and Mathematics (STEM). The SMART program aims to increase the number of scientists and engineers in the Department of Defense.