

# ENGINEERING GRANTS, FELLOWSHIPS, & SCHOLARSHIPS



This list includes sample grants, fellowships, and scholarships for those studying within the areas of Science, Math, Technology, and Engineering (STEM). Each is unique and offers its own benefits. Be sure to check each website to confirm details.

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## **Amelia Earhart Fellowship for Women - Zonta International Foundation**

Awarded annually to women pursuing higher education in aerospace-related sciences and aerospace-related engineering.

- Award: \$10,000 USD
- Eligibility: Women of any nationality; pursuing Ph.D./doctoral degrees
- Deadline: November 15

## **American Association of University Women (AAUW) — Selected Professions Fellowship**

Supports women in graduate and professional degree programs in fields where female participation traditionally has been low.

- Award: \$5,000–\$18,000 USD
- Eligibility: U.S. Citizen or permanent resident; full-time student
- Deadline: January 10

## **American Chemical Society Scholars Program**

Awards renewable scholarships to underrepresented minority students who want to enter the fields of chemistry or chemistry-related fields.

- Award: Up to \$5,000 USD
- Eligibility: 3.0 GPA; U.S. citizen or permanent resident; full-time student; African American, Hispanic or American Indian
- Deadline: March 1

## **American Concrete Institute (ACI) Graduate Scholarships**

Offers scholarships for eligible graduate students whose studies relate to concrete.

- Award: \$3,000–\$5,000 USD
- Eligibility: Bachelor degree; accepted to graduate school
- Deadline: Visit website

## **American Council of Engineering Companies (ACEC) Scholarships**

Awards scholarships of varying amounts to outstanding U.S. citizens entering the junior or senior year and be enrolled in an accredited college program.

- Award: \$2,500–\$5,000
- Eligibility: Enrolled in a bachelor's or master's degree program;
- Deadline: March 1

## **American Nuclear Society (ANS) - Delayed Education Scholarship for Women**

Awarded to a mature woman whose undergraduate studies in nuclear science, nuclear engineering, or a nuclear-related field have been delayed.

- Award: \$5,000 USD
- Eligibility: NOT an incoming freshman; must show financial need
- Deadline: February 1

### **American Society of Civil Engineers Scholarships**

ASCE offers multiple scholarships and research fellowships for undergraduate and graduate students. You can view eligibility requirements, deadlines and obtain applications for each individual scholarship and research fellowship by viewing the website.

### **ASME Graduate Teaching Fellowship Program**

GTF's are a collaboration between ASME and university mechanical (or related) engineering departments to encourage doctoral candidates to pursue a career in engineering education.

- Award: \$5,000 USD
- Eligibility: PH.D. Mechanical Engineering student; U.S. Citizen or permanent resident; member of ASME
- Deadline: February 15

### **Barry Goldwater Scholarship**

The Barry M. Goldwater Scholarship and Excellence in Education Program was established by Congress in 1986 to honor Senator Barry M. Goldwater, who served his country for 56 years as a soldier and statesman, including 30 years of service in the U.S. Senate. The purpose of the Foundation is to provide a continuing source of highly qualified scientists, mathematicians, and engineers by awarding scholarships to college students who intend to pursue careers in these fields.

- Award: Up to \$7,500 USD a year
- Eligibility: Sophomores and juniors; pursuing research careers in natural sciences, math, and engineering; 3.0 GPA; U.S. citizen or permanent resident
- Internal Campus Deadline: Contact Program Advisor Dean Christopher Chamberlin, [chamber@cooper.edu](mailto:chamber@cooper.edu) (must be nominated)

### **Dr. Nancy Foster Scholarship Program**

Encourages independent graduate level research in NOAA mission-related sciences of oceanography, marine biology and maritime archaeology, including all science, engineering and resource management of ocean and coastal areas.

- Award: Up to \$42,000 USD (12-month stipend)
- Eligibility: U.S. Citizen or permanent resident; minimum 3.3 GPA
- Deadline: December 8

### **Educational Partnership Program Undergraduate Scholarship**

Provides an opportunity for rising junior students to study disciplines relating to the NOAA's (National Oceanic and Atmospheric Administration) mission.

- Award: Up to \$45,000 USD; during junior and senior year
- Eligibility: U.S. Citizen; enrolled as a 2nd year student; 3.2 GPA
- Deadline: January 31

### **Ernest F. Hollings Undergraduate Scholarship**

Provides successful undergraduate applicants with awards.

- Award: Up to \$9,500 USD per year for 2 years; \$700/week internship at NOAA facility
- Eligibility: Visit website
- Deadline: January 31

### **Glass Association of North America Educational Foundation Scholarship\***

The Glass Association of North America is a professional non-profit trade association representing the commercial architectural flat glass industry. \*The GANA Education Foundation is currently updating its scholarship opportunities and processes.

- Award: Visit website
- Eligibility: Visit website
- Deadline: Visit website

### **IBM Phd Fellowship**

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

- Award: Stipend for living expenses, travel and to attend conferences.
- Eligibility: Must be nominated by a doctoral faculty member and be a full-time PhD student
- Deadline: Visit website

### **Mensa Education & Research Foundation Scholarship Program**

Supports identifying and fostering human intelligence for the benefit of humanity, and part of this effort involves encouraging research into the characteristics and uses of intelligence.

- Award: \$2,500 USD
- Eligibility: U.S. citizen or permanent resident; enrolled in degree program
- Deadline: January 15

### **Mickey Leland Energy Fellowship (MLEF) Program**

Provides college students with an opportunity to gain and develop research skills with the Department of Energy's Office of Fossil Energy

- Award: \$600–\$850 USD stipend
- Eligibility: 18 years old; U.S. citizen; 3.0 GPA; enrolled full-time STEM program
- Deadline: January 3

### **Municipal Engineers Scholarship Program**

The Municipal Engineers of the City of New York is a professional organization dedicated to improving the engineering standards on municipal construction projects in greater New York

- Award: \$1,000–\$2,500
- Eligibility: Undergraduate Engineering or Architecture major
- Deadline: October 31

### **National Physical Science Consortium Fellowship**

Aides in increasing the number of American citizens with graduate degrees in the physical sciences and related engineering fields, emphasizing recruitment of a diverse applicant pool.

- Award: \$20,000 USD stipend; tuition
- Eligibility: U.S. Citizen; bachelor degree
- Deadline: November 30

### **National Society of Professional Engineers**

The NSPE is dedicated to the non-technical concerns of licensed professional engineers. They offer undergraduate engineering scholarships for enrolled college students.

- Award: \$2,500–\$5,000 USD
- Eligibility: Varies; based on program
- Deadline: March 1

### **Peggy Cornell Benline Scholarship**

Support for students to promote and advance the various engineering sciences.

- Award: \$1,000 (2) USD and \$2,500 (1) USD
- Eligibility: Current undergraduate student studying engineering or architecture
- Deadline: October 31

### **National Defense Science and Engineering Graduate Fellowship**

Awarded to U.S. citizens and nationals who intend to pursue a doctoral degree in one of fifteen supported disciplines.

- Award: Full-tuition; monthly stipend; up to \$1,500 USD a year in medical insurance
- Eligibility: U.S. Citizen or national; bachelor degree; must intend to pursue doctoral degree
- Deadline: December 31

### **Renate W. Chasman Scholarship**

Aides women to pursue careers in the sciences, technology, engineering, or mathematics.

- Award: \$1,000 USD
- Eligibility: Woman; NOT receiving degrees prior to May
- Deadline: November 30

### **SEA Grant Fellowships**

Supports a variety of graduate opportunities in coastal science, management and policy. These fellowships help to generate a diverse ocean and freshwater workforce that understands technical and social challenges facing coastal communities and the natural environment.

- Award: Varies; based on fellowship
- Eligibility: Varies; based on fellowship
- Deadline: Varies; based on fellowship

### **Society of Hispanic Professional Engineers (SHPE) Scholarships**

Offers scholarships to increase students' access and support to higher education in STEM programs.

- Award: Varies
- Eligibility: Varies
- Deadline: June 31

### **Society of Women Engineers (SWE) Scholarships**

Provides financial assistance to women in preparation for careers in engineering, engineering technology, and computer science.

- Award: Varies
- Eligibility: Women; enrolled in a full-time bachelor or master degree program
- Deadlines: May 1 (Freshmen); February 15 (sophomores and up)

### **The American Society of Mechanical Engineers Scholarships**

Grants assist students with pursuing an educational program in mechanical engineering or mechanical engineering technology at the undergraduate or graduate level.

- Award: Varies
- Eligibility: Varies; based on program
- Deadline: March 1

### **The Concrete Industry Foundation Inc.**

Provides financial assistance to students preparing for careers in the design and construction industry, with special emphasis on study related to concrete.

### **The Energy Efficiency and Renewable Energy (EERE) Postdoctoral Research Awards**

Support EERE's mission in energy efficiency and renewable energy by offering recent Ph.D. recipients the opportunity to conduct applied research at universities, national laboratories, and other research facilities.

- Award: \$65,000 USD annually; health insurance; research related-related expenses
- Eligibility: U.S. citizen or permanent resident; PH.D. for no more than 5 years; able to obtain security clearance
- Deadline: June 5

### **The GEM Fellowship Program**

Promotes opportunities for individuals to enter the industry at the graduate level in areas such as research and development, product development, and other high level technical careers.

- Award: \$16,000 USD stipend; full tuition and fees
- Eligibility: U.S. Citizen or permanent resident; under-represented group
- Deadline: January 15th OR the relevant STEM graduate department deadline

### **The Institute of Electrical and Electronics Engineers (IEEE)**

IEEE offers a variety of scholarships, grants, and fellowships for IEEE Student members.

### **The KAUST Fellowship**

General scholarship program of the King Abdullah University of Science and Technology (KAUST). Supports students for the duration of their graduate studies.

- Award: Full tuition; monthly living allowance
- Eligibility: Bachelor degree
- Deadline: January 15

### **The Richard Kelly Grant**

Recognizes and encourages creative thought and activity in the use of light.

- Award: Visit website
- Eligibility: 35 years and under; studying or working in the art and/or science of illumination
- Deadline: Visit website

### **The Woodrow Wilson Teaching Fellowship**

For individuals with backgrounds in the STEM fields—science, technology, engineering, and mathematics—interested in teaching in high-need secondary schools.

- Award: \$30,000 USD stipend
- Eligibility: U.S. citizen or permanent resident; bachelor's degree
- Deadline: January 31

### **True Ventures' Priya Haji Fellowship**

Aides in kick starting a woman's careers in the start-up world.

- Award: \$6,500 USD monthly stipend
- Eligibility: Bachelor's degree; U.S. Citizen or permanent resident
- Deadline: February 1 (Round 1); April 1 (Round II)

### **True Ventures' True Entrepreneur Corps (TEC) Summer Fellowship**

For students passionate about technology and entrepreneurship.

- Award: \$10,000 USD upon completion of summer program
- Eligibility: Undergraduate; junior or senior
- Deadline: January 15

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