

Engineering Awards

Several awards are offered to engineering students. Some require submitting a paper, and others are awarded in recognition of merit. Although the monetary value of some of the older awards has diminished over the years because of inflation, they remain very prestigious. The following are the principal awards:

ABB Lummus Global Essay Awards

An annual prize of \$1,000 divided among first-, second-, and third-place technical essays written by chemical engineering students. Students may select their own topics. Essays are typically due in April.

The American Institute of Chemical Engineers' Donald F. Othmer

Sophomore Academic Excellence Award

Presented to the junior in chemical engineering who has the best academic record upon completion of the sophomore year.

The American Institute of Chemists Award

Presented to a senior in chemical engineering who has a record of leadership, ability, character, and scholastic achievement.

ASCE John P. Riley '22 Award

A first-year membership in the American Society of Civil Engineers (ASCE), presented to a member of the graduating class in civil and environmental engineering who is a member of the student chapter of ASCE and has rendered meritorious service and special leadership to fellow students and to the civil engineering profession.

ASCE Marshal Case Haggard Award

This award was established in 1992 in memory of Marshal Haggard '81, presi-

dent of the Cornell ASCE Student Chapter in 1980-81, who lost his life while in service in the Peace Corps in Nepal. It is presented to a member of the student chapter in recognition of outstanding contributions to the community, following the role of Marshal, who had a strong influence in developing these service activities that have become a tradition of the Cornell chapter.

ASCE Student Service Award

Presented to a member of the graduating class in civil and environmental engineering who is a member of the student chapter of the American Society of Civil Engineers and has rendered the most meritorious service to fellow students and to the profession of civil engineering.

ASCE Winslow T. Shearman (Student Merit) Award

Presented to a member of the graduating class in civil and environmental engineering who is an active member of the student chapter of the American Society of Civil Engineers and who is considered most worthy of the honor by virtue of high character and academic achievement.

The Jerry Goff Awards

Two awards are given to encourage research and student projects. One or two students will be selected annually. A \$1,000 award is given to fund a research/student project in biomedical engineering. Proposals are submitted by a faculty member to John Belina in ECE by August 1, and the awards will be presented by August 15. A \$250 award is also given annually. This award is based on best project or project contribution. Students will be nominated by the ECE faculty and the names will be submitted to John Belina. The deadline for nomina-

tions is May 1 and the award is decided by May 15.

The Roger K. Berman '70 Memorial Prize

A cash award given annually for excellent oral presentation in an engineering communications course, typically given to eight students and carrying a cash award of \$150 each.

The R. Bolgiano, Sr. Outstanding Teaching Assistant Award

An award presented to the teaching assistant in the Sibley School of Mechanical and Aerospace Engineering who is judged most outstanding. Selection based mainly on recommendations of faculty members, student comments, and other relevant information.

The Chester Buchanan Memorial Award

A prize of \$1,000 awarded each spring to "that outstanding senior majoring in geology that is recommended by the faculty of the Department of Geological Sciences."

The Lynn Bussey Prize

Awarded at commencement to an outstanding student in OR&IE who is continuing in the Master of Engineering Program.

The Dorothy and Fred Chau Award

An award of \$1,200 is provided—in general annually—to a senior in engineering physics in high academic standing who has performed outstanding, publishable research in engineering physics or related majors. The award also includes travel support of up to \$500 to the student for presenting their work at a relevant scientific conference, and an award of \$500 to the faculty member or senior researcher guiding the student's research. In addition, the student is expected to present their work to the students and faculty of the School of Applied and Engineering Physics.

The David Delano Clark Award

A \$1,000 cash prize awarded annually for the best Master of Engineering project.

The Clark Construction Group, Inc. Prize

A \$4,000 award given to a CEE junior for academic merit, course of study, leadership, and extracurricular activities.

The Computer Science Prize for Academic Excellence

An award of \$500 and a commemorative plaque in recognition of a senior in the major of computer science who has performed exceptionally well academically and who has shown strong commitment to the ideals of the educational mission at Cornell. Special consideration will be given to those students who have displayed an interest in research and who plan eventually to pursue doctoral-level studies. This award represents the highest honor given to an undergraduate by the Department of Computer Science

The Bart Conta Prize in Energy and the Environment

The Bart Conta Prize will be awarded annually to one or more undergraduate or master of engineering students in the Sibley School of Mechanical and Aerospace Engineering at Cornell. The award will be made to the student or students who have done the best work on a research or design project dealing with energy and the environment. The recipient(s) of the prize will be selected by a faculty committee, based on a review of project summaries presented to the committee. The prize shall be presented at the Sibley School commencement ceremonies in May.

Margaret Arronet Corbin '21 Prize

An award of approximately \$4,000 presented to a graduate in Civil and Environmental Engineering who has combined academic excellence with meritorious activities and service in the Cornell

community and who demonstrates a commitment to continue their education in civil and environmental engineering.

The Charles Lee Crandall Prizes

Annual prizes of \$1,000 and \$500 for the best papers written by students in the School of Civil and Environmental Engineering. Papers are judged in three categories: civil infrastructure, environment, and systems engineering and information technology.

The T. R. Cuykendall Awards

A prize of \$300 awarded each spring to the outstanding member of the senior class in engineering physics, and a prize of \$300 awarded to the outstanding teaching assistant of undergraduate engineering physics courses.

The LTC John B. Davenport Award

An annual award to an engineering student who is a member of the Army ROTC. Established in 1980 by Mrs. Elizabeth Hennessey in honor of her late husband.

The John McMullen Dean's Prizes

Entering freshmen are selected, on the basis of merit, as John McMullen Dean's Scholars. Prizes are awarded within the context of the university's financial aid program and renewed if the recipient remains in good standing in the College of Engineering.

William S. Einwechter Award

This award is presented in recognition of an outstanding senior who has demonstrated a distinguished record of service to the School of Electrical and Computer Engineering (particularly its students), to the College of Engineering, and to the university while maintaining good academic performance.

The Nanotechnology Fellowship

Approximately \$500 awarded to a junior or senior Materials Science and Engineering student involved in

research.

The Frank O. Ellenwood Prize

A prize given to the student in mechanical and aerospace engineering who ranks highest in the third-year required courses related to power engineering.

The William Nichols Findley Award

A \$500 cash prize awarded annually for an outstanding research paper by a graduate student

The Fuertes Medal

A gold medal awarded to the graduating student in Civil and Environmental Engineering who has maintained the highest degree of scholarship in their course of study during four consecutive years.

The Samuel Garmezy '13 Prize

An annual prize for winning a competition using the Samuel Garmezy testing machine in the School of Civil and Environmental Engineering. Established by Robert H. Garmezy '44 in honor of his late father.

The Professor James L. Gregg Prize

Approximately \$1,000 awarded each year to the outstanding student entering their junior year in Materials Science and Engineering.

The Paul Hartman Prize

An award given each spring to the physics or engineering physics senior that has done the most outstanding work in experimental physics during their Cornell career.

The R. N. Janeway Automotive Engineering Award

An award given to seniors and master's-degree students in electrical and computer engineering and in mechanical and aerospace engineering for the paper or papers that present the most promising improvement in automotive vehicles.

The Joseph O. Jeffries Prize

Awarded to a senior in Materials Science and Engineering for the most outstanding materials design project.

Lockheed Martin Engineering Scholars Award in Electrical and Computer Engineering

Five sophomore electrical and computer engineering majors are selected to become Lockheed Martin Scholars. Each recipient receives a \$500 stipend, and \$500 is deposited into a research fund in the ECE department for the student's use. Recipients must be U.S. citizens or permanent residents of the United States. Faculty recommendations, projects and grades are considered when making the selection.

Alan S. Marx Memorial Prize for Excellence in Support of Undergraduate Education

Given to a graduating senior who has most demonstrated excellence in, and exceptional commitment to, the support of undergraduate teaching activities in the Department of Computer Science. The winner receives a check for \$500 and is recognized with a commemorative plaque presented by the faculty on commencement day. The recipient is selected from the ranks of students who have served as course consultants, graders, or undergraduate teaching assistants.

The Jonathan E. Marx Cornell Tradition Fellowships

Two fellowships of \$2,500 each are awarded annually to computer science students who hold jobs on campus to help pay for their education and who also have demonstrated a commitment to scholarship and leadership activities.

The Jonathan E. Marx Memorial Senior Prizes

Two \$500 awards given to the two seniors in computer science who have a record of friendly and helpful attitudes, show leadership qualities, and have been

involved in extracurricular activities.

The McManus Design Award

An annual prize of about \$125 awarded to the mechanical engineering student or students, undergraduate or graduate, who present the most outstanding solution to a design problem or project.

Merck Engineering and Technology Fellowship

Tuition support of \$5,000 for two years and two summer internships at Merck to a chemical engineering sophomore. Chosen by Merck on the basis of scholarship and character from nominees submitted by the chemical engineering faculty.

The Michael W. Mitchell Memorial Award

A prize of \$1,000 awarded each year to a senior in Geological Sciences who has proven adept in other Majors as well.

The Mogensen Prize

Awarded at commencement to an outstanding student in OR&E, who is continuing in the Master of Engineering Program.

John E. Perry Undergraduate Prize

An award of \$500 given to one or more graduating seniors in civil and environmental engineering who demonstrate "enthusiastic participation in student life and commitment to the profession of engineering" as well as scholarship.

John E. Perry Teaching Assistant Prize

An award of \$500 given to one or more teaching assistants in the School of Civil and Environmental Engineering who exhibit "concern and care for the students in their class and fulfills the teaching functions enthusiastically and skillfully."

The John G. Pertsch Jr. Prize

A prize for the student in electrical and computer engineering who has the high-

est academic rank upon completion of the junior-year course work.

The Procter and Gamble Technical Excellence Award

An annual prize of \$1,000 awarded to the senior in chemical engineering who gives the best talk on a technical problem solved by the student.

The Ferdinand Rodriguez Outstanding Student Award

An award of \$1,750 and a summer internship given to a chemical engineering student with achievements in academics and in the professional community. Sponsored by Dow Chemical.

The Byron W. Saunders Prize

A cash award for the senior(s) graduating from the School of Operations Research and Engineering with the best academic record.

The George F. Scheele Outstanding Junior Award

An award of \$1,750 given to a junior in chemical engineering who excels in scholarship, campus activities, and leadership. Sponsored by Dow Chemical.

The Schlumberger Collegiate Award Scholarship

One junior and one senior are selected for this prestigious award. Each student receives a \$2,500 scholarship and a \$500 research support award. The student may use this support award to purchase necessary materials while engaged in a research project supervised by a faculty member. There is no requirement of financial need and no restriction as to nationality, creed, race, or sex; this is a merit award.

The Sibley Prizes

Two prizes awarded annually to seniors in mechanical engineering who have the highest scholastic averages.

3M Fellowship Scholar

Tuition support of \$5,000 for two years and two summer internships at 3M to a chemical engineering sophomore. Chosen by 3M on the basis of scholarship and character from nominees submitted by the chemical engineering faculty.

The Douglas Whitney '61 Award

An annual award for excellent writing in an engineering communications course, typically given to one or two students and carrying a cash award of \$1,000 or \$500, respectively.

The Frank W. and Emily Wood Fund

This fund provides scholarship assistance to students who are planning to pursue studies at Imperial College of Science, Technology, and Medicine in London, U.K. Information is available from Cornell Abroad, 474 Uris Hall.

The Ve-Shing and Tseng Soo Koo Award

This prize, established in 1990 by Professor Benjamin Koo, Ph.D. '46 consists of approximately \$4,000 and an award certificate, which is awarded to an outstanding student of structural engineering in Civil and Environmental who is planning to pursue graduate studies at Cornell.