

Student Organizations

Several student organizations at the College of Engineering help connect classroom and career, develop professionalism, increase technical proficiency and refine ethical judgment. Some are involved in community service; many sponsor teams that compete in intramural soccer, football, hockey, and softball games; and a few manage coffee shops on weekday mornings in the departmental lounges. A complete listing of student organizations is available at the Engineering Student Council web site: www.engineering.cornell.edu/esc.

Alpha Epsilon

c/o Professor Jim Bartsch
314 Riley-Robb Hall

Alpha Epsilon, the national honor society in agricultural, food, and biological engineering, is dedicated to providing service to the community at large and to promoting the welfare of the major of agricultural, food, and biological engineering. The chapter organizes peer advising, class tutoring, fund-raisers, and social events. The Cornell chapter, founded in March 1998, has recently won the Alpha Epsilon Outstanding Chapter award for its accomplishments.

Alpha Sigma Mu

c/o Professor Christopher Ober
310 Bard Hall

Alpha Sigma Mu is an honorary society for students in materials engineering. It recognizes outstanding students who attain a high rank in scholarship and possess, to an unusual degree, the qualities of integrity, leadership, and initiative.

American Association of Petroleum Geologists (AAPG)

c/o Professor Teresa Jordan
4108 Snee Hall

The American Association of Petroleum Geologists aims to familiarize students with major and professional

opportunities in petroleum exploration and development. The organization strives to foster professional ethics, including honesty, integrity, loyalty, fairness, impartiality, candor, fidelity to trust, and inviolability of confidence among its members. Membership is open to undergraduate and graduate students interested in the petroleum industry.

American Indian Science and Engineering Society (AISES)

c/o Engineering Minority Program Office

146 Olin Hall

The goal of this society is to provide opportunities for American Indians and Alaskan Natives to pursue studies in science, engineering, business, and other academic areas. Members practice leadership skills, bring cultural programs to campus, and search for ways to improve the social and academic environment for Native Americans on campus.

American Institute of Aeronautics and Astronautics (AIAA)

108 Upson Hall

The student chapter of the American Institute of Aeronautics and Astronautics (AIAA) is open to everyone who is interested in atmospheric and space flight. The group arranges movies and field trips, as well as an annual student conference. Members receive *Aerospace America*, the official publication of the AIAA.

American Institute of Chemical Engineers (AIChE)

120 Olin Hall

The Cornell student chapter of the AIChE is composed of chemical engineering students at the undergraduate and graduate levels. The primary goals are to increase student awareness of the chemical engineering profession and to increase interaction between faculty and

students. The chapter organizes numerous social events including skating, softball, bowling, hiking, a holiday party, senior banquets, and weekly social gatherings. Professional services, such as a résumé CD for seniors, group trips to the annual AIChE National Convention and the regional meetings, and sponsorship of corporate visitors, are also provided by the chapter.

American Society of Civil Engineers (ASCE)

c/o Tim Bond
B2 Thurston Hall

Cornell has one of the most active student chapters of the ASCE in the United States. Projects include the design and construction of community service projects, organization of preparatory courses for the Fundamentals of Engineering exam, and sponsorship of intramural teams. ASCE organizes social events, the annual CEE awards dinner, company information sessions, and monthly meetings featuring professional speakers. The chapter also participates in regional and national ASCE conferences and competes in concrete canoe races and steel bridge competitions.

American Society of Mechanical Engineers (ASME)

c/o Professor Michel Louge
108 Upson Hall

The Cornell chapter of ASME is one of the strongest in its region. It has more than 150 active members and runs various activities for students. The group participates in a variety of intramural sports, hosts social events, cooks fantastic barbecues, invites professional engineers to talk about new technologies in mechanical engineering, holds monthly meetings with free food and soda, runs a coffee shop in Upson Hall, and always welcomes new ideas for events. Membership is open to all undergraduates; affiliation with mechanical engineering is not required. Freshmen may join national ASME for

free.

Association of Computer Science Undergraduates (ACSU)

c/o R. Daniel Jenkins
303 Upson Hall
acsu.cornell.edu

The purpose of the Association of Computer Science Undergraduates is to increase the interaction between undergraduate computer science majors and the computer science faculty. Membership is open to all Cornell undergraduates. The organization produces an exclusive résumé book for seniors seeking permanent employment as well as underclassmen who seek summer employment. Members are encouraged to join the Association of Computing Machinery, which is the national professional organization for computer scientists and software developers.

Biological and Environmental Engineering Society

c/o Peter Hillman
144 Riley-Robb Hall

The Cornell student branch of the ASAE is an active and energetic group of undergraduate and graduate students in Biological and Environmental Engineering. The group schedules major trips, speakers, and other activities for its monthly meetings. It also organizes educational (engineering day at the mall), social, and sports events. The student branch has active community projects. Recently, the student branch designed and constructed equipment for use in local elementary and junior high schools. The equipment was adaptive and designed for use in novel special education programs that use greenhouses and agriculture as a means of educating and training students.

Biomedical Engineering Society

c/o Professor Dan Luo
220 Riley-Robb Hall

The Cornell Chapter of the Biomedical Engineering Society (BMES) is a student

group affiliated with the national professional society. Our mission is to foster interest, knowledge, and education in the major of biomedical engineering. The chapter welcomes undergraduate and graduate students from all engineering disciplines as well as those from the biological systems area. The group conducts tours, hosts guest lectures and social events, and organizes trips to the annual meeting of BMES, which has student activities, research presentations, and career development sessions. Opportunities to serve as chapter officers are open to all students.

Chi Epsilon

c/o Professor James M. Gossett
215 Hollister Hall

Chi Epsilon, the national honor society in civil engineering, is dedicated to maintaining and promoting the status of civil engineering. It fosters the development of technical ability and character among civil engineers. Members of Chi Epsilon operate a coffee shop every morning in the lobby of Hollister Hall, selling donuts, bagels, and coffee to the school community. The chapter also seeks to promote and recognize excellence in teaching among the civil engineering faculty by conducting an annual CEE Instructor of the Year award. A biennial national conclave offers members the opportunity to meet students from other schools and exchange ideas. The chapter actively supports the CEE school administration in other endeavors to improve the quality of civil engineering education here at Cornell University.

Cornell Chapter of the American Meteorological Society (CCAMS)

c/o Mark W. Wysocki
1114 Bradfield Hall

The CCAMS is open to all students interested in meteorology. The primary goals are to promote the understanding of all aspects of meteorology, increase interaction between faculty and students, and keep students current with the job

market. The club organizes professional events such as forecasting workshops, technical seminars, job seminars, and group trips to the annual Northeast Storm Conference and social events such as bowling and pizza parties. The club also sponsors and maintains the "Weather Phone," a daily forecast prepared by students for the Cornell community and residents of Tompkins County. Club members participate in local science fairs and attend the annual AMS National Convention.

College Curriculum Governing Board (CCGB)

The CCGB establishes the Common Curriculum, the course of study requirements for students in the College of Engineering. It consists of faculty representatives from the departments, staff, and several students. Student representatives are selected to serve on various committees of the CCGB through the Engineering Student Council (ESC).

Cornell Engineering Physics Society (CEPS)

c/o Professor Hans Fleischmann
212 Clark Hall

The Cornell Engineering Physics Society was founded in 1990 by students in the School of Applied and Engineering Physics. Activities include seminars in applied science by various faculty members, lectures by visiting Cornell A&EP alumni and A&EP recruiters, career information sessions, outreach programs, and a variety of social events. Both undergraduate and graduate students are welcome as members of CEPS.

Cornell Materials Society (CMS)

c/o Professor Michael Thompson
328 Bard Hall

The Cornell Materials Society represents the university's undergraduate chapter of the Materials Research Society (MRS), The Materials Information Society (ASM), and The Minerals, Metals, and Materials Society (TMS) and is a student run organization that is devoted to

the advancement of materials science by hosting events, information sessions, industrial involvement, outreach programs, and other social activities. All students are welcome especially MS&E Majors and others with an interest in the fields of nanotechnology, biomedical engineering, semiconductors, and many other fields related to materials science.

Cornell SciTech Magazine

217 Carpenter Hall

The Cornell Science and Technology Magazine (a.k.a. SciTech) is an undergraduate publication devoted to the coverage of science and technology, distributed free to the Cornell community. The magazine is intended to be an informative, exciting, and timely forum for the latest developments, news, ideas, and controversies in science and engineering. Students are responsible for every aspect of publication, from writing to layout to business, and can gain valuable journalism, graphic design, financial, and communications experience. No previous experience is necessary to join the staff.

Engineering Ambassadors Association

Carpenter Hall Annex

The Engineering Ambassadors Association is a group of student volunteers who introduce prospective freshmen to the College of Engineering. They work closely with the Admissions Office staff. The ambassadors participate in group information sessions, lead tours of the engineering quad, and take visitors to lunch. They also participate in phonathons. More information can be found in the Carpenter Hall Annex at www.englib.cornell.edu/coe/eslc/ambassadors/index.htm.

Engineering Representative to the Student Assembly

Engineering Student Assembly
Office of the Assemblies
165 Day Hall

Each spring two representatives to the

Student Assembly are elected from the College of Engineering. The Student Assembly meets every week on Thursdays, 4:45 to 6:30 P.M., to discuss and make decisions about issues concerning student life at Cornell including housing and dining. Other functions pertain to setting the Student Activities Fee, disbursement of funds to student organizations, influencing general university policy, and direct contact with college and university administrators. All students are welcome to attend Student Assembly meetings and participate in the discussions. Agendas are available before meetings from the Office of the Assemblies, 165 Day Hall, or at <http://student.assembly.cornell.edu>.

Engineering Student Council (ESC)

162 Olin Hall

www.engineering.cornell.edu/esc

The Engineering Student Council (ESC) is a collegewide organization whose goals are to represent the interests of students to the college and university, promote and coordinate engineering student services and events, and provide leadership training for students and organizations. ESC activities include National Engineers Week, the Engineering Spring Career Fair, and serving as the student voice to administration. General membership is open to all undergraduate and graduate students.

Eta Kappa Nu (HKN)

c/o Clifford Pollock

224 Phillips Hall

Eta Kappa Nu (HKN), the electrical and computer engineering honor society, promotes interaction between members and service to Cornell and the community at large. The Cornell chapter operates a tutoring program to assist others studying electrical engineering, and it sponsors lectures by electrical engineering professors on state-of-the-art research at Cornell. Election to HKN is a lifelong mark of distinction.

Institute of Biological Engineering (IBE)

c/o Professor Dan Luo
220 Riley-Robb Hall

The Institute of Biological Engineering (IBE) has been established to encourage inquiry, application, and interest in biological engineering in the broadest and most liberal manner and to promote the professional development of its members. Through its exclusive sponsorship of the Annual Bioengineering EXPO, IBE has established itself as the foremost organization for the promotion of biological engineering at Cornell. This organization is open to all members of the Cornell community with a genuine interest in biological engineering.

Institute of Electrical and Electronics Engineers (IEEE)

c/o John Belina
201 Phillips Hall

The Institute of Electrical and Electronics Engineers (IEEE) is one of the largest and most active professional organizations in the United States. Cornell's student branch runs many programs to serve the electrical engineer. The group sponsors many activities to promote student-student and student-faculty interaction and also sponsors company information sessions to provide an opportunity for students to meet corporate interviewers. IEEE also runs a lecture series for students and organizes presentations on course selection.

Institute for Operations Research and the Management Sciences (INFORMS)

c/o Professor Mark Eisner
217 Rhodes Hall

The Cornell chapter of the Institute for Operations Research and the Management Sciences (INFORMS) sponsors a broad program of activities, including group trips to manufacturing and consulting firms, programs in which professional people from industry discuss

career opportunities, and social activities, including monthly informal faculty/student lunches.

Mu Sigma Tau

c/o Christa Downey
201 Carpenter Hall

Mu Sigma Tau is a co-op honor society reactivated in 1991 by Engineering Cooperative Education students. The group's main duties are to promote the co-op program to prospective students, improve the quality of the co-op experience, provide a forum for sharing co-op experiences, keep alumni involved in co-op activities, and serve as a social network for all participants.

National Society of Black Engineers (NSBE)

c/o Engineering Diversity Programs Office
146 Olin Hall

The Cornell University chapter of the National Society of Black Engineers (NSBECU) was formed in 1977. Major objectives include stimulation and development of student interest in the engineering disciplines; achievement of significant increases in the enrollment and retention of black students in engineering; and development of programs to strengthen the relationship between students and industry. Membership in NSBECU is open to all Cornell students who have or are working toward a degree in engineering or the sciences.

Omega Rho

c/o OR&IE
202 Rhodes Hall

The local chapter of the Omega Rho International Operations Research Honor Society was founded in 1995. It recognizes outstanding students who attain a high rank in scholarship in the School of OR&IE. Students must be nominated by a faculty member and be in the top quartile of their class.

Peer Advisor Program

c/o Engineering Advising

167 Olin Hall

The Peer Advisor Program is an organization of engineering sophomores, juniors, and seniors whose goals are to help freshman engineering students adjust to life at Cornell and in the College of Engineering, understand the course selection and registration processes, and meet other engineering students in an informal social setting. Two peer advisors are assigned to each freshman ENGRG 150 (Engineering Seminar) section and serve as mentors for the approximately eighteen students in the class.

Pi Tau Sigma

108 Upson Hall

The Cornell chapter of Pi Tau Sigma, the honorary society in mechanical engineering, provides a tutoring service for engineering students, organizes student/faculty luncheons and workshops, and generally seeks to enhance the academic and social aspects of the undergraduate mechanical engineering program. To become candidates for membership, mechanical engineering students must be in the top quarter of their junior class or the top third of their senior class.

Society of Automotive Engineers (SAE)

c/o Professor Albert George
208 Upson Hall

Activities sponsored by the Society of Automotive Engineers (SAE) include orientation for those with little or no knowledge of automobiles, design and construction of a Formula SAE racing car, and lectures on the state of the art in automotive engineering.

Society of Hispanic Professional Engineers (SHPE)

c/o Engineering Diversity Programs
Office
146 Olin Hall

The goals of the Cornell chapter of the Society of Hispanic Professional Engineers (SHPE) are to advance Hispanic representation at Cornell and to

assist Hispanic students in fulfilling their academic obligations and planning professional careers. Workshops and seminars by faculty and corporate representatives are geared toward self-improvement in academia and the transition to the corporate world. Social activities such as picnics and barbecues, intramural athletics, and study breaks foster a fraternal spirit among engineers from diverse Latino backgrounds.

Society of Women Engineers (SWE)

146 Olin Hall

The Society of Women Engineers (SWE) is a national professional and educational service organization of women and men whose goals are to improve the status, training, and support of women engineers. Membership in Cornell SWE is open to undergraduate and graduate engineering students and those majoring in physics, chemistry, or computer science. Activities fall into three categories: academic support, professional and career development, and precollege education.

Tau Beta Pi

c/o Professor John Belina
201 Phillips Hall

The Tau Beta Pi Association was founded in 1885 to honor outstanding students and alumni in all Majors of engineering. To be eligible for membership, students must be in the top eighth of their junior class, or the top fifth of the senior class, and display exemplary character. Cornell's chapter of Tau Beta Pi sponsors a variety of programs including balloting for the college's Excellence-in-Teaching Award each spring. There are also social events for members and lectures on topics of interest to the Cornell community as well as projects of service to the Ithaca community.