


FOCUS ON Students

COLLEGE OF ENGINEERING





**OUR COMMITMENT TO THE STUDENTS WHO CHOOSE
ENGINEERING AT THE UNIVERSITY OF UTAH IS TO PROVIDE
A RIGOROUS AND STIMULATING ACADEMIC EXPERIENCE
IN A SUPPORTIVE AND ENCOURAGING ENVIRONMENT.**



As Utah's largest engineering program, the University of Utah's College of Engineering provides exceptional opportunities for students through its:

- Internationally recognized faculty
- Leading edge research programs
- Academically excellent ABET-accredited engineering degree programs
- Modern facilities including the student-focused Warnock Engineering Building
- Collaborative relationships with local industry

Challenges

in the current economy are bringing record numbers of students onto college campuses. Thanks to intensive K-12 outreach and educational efforts, more of the entering students at the U are choosing to major in engineering. Compared with last year, enrollment in freshman engineering classes has increased by nearly 10 percent. This is good news for Utah's tech-based economy and companies that rely on the U for highly qualified engineering graduates.

The outlook for the U's engineering graduates is bright. Half of the Utah Department of Workforce Services "Five-Star Jobs" for 2010 through 2016 are engineering or computer science related. The five-star rating indicates salary potential and job demand. Even now, companies are actively recruiting and as the recession eases, Utah will be well-positioned to capitalize on its highly qualified technical talent.

IN 2009, THE COLLEGE OF ENGINEERING AWARDED 643 DEGREES, representing eight consecutive years of growth, and a 70 percent increase in graduates compared with 1999. As the College has grown, student quality has increased as well. Currently, 43 percent of the entering freshman are identified as academically "high achieving" by the University's quality metrics. Through a comprehensive array of programs and services, the College is working to support and encourage student success. Engineering students at the University of Utah benefit from:

- Personalized academic advising from experienced professionals
- Free on-site tutoring from upper division engineering Honors students
- All-engineering residential living options
- Engineering Honors degree option for exceptionally high achieving students
- Undergraduate research opportunities beginning in the first year
- Semester abroad opportunities at some of the world's leading universities
- Project-based entrepreneurship competitions with significant cash prizes

The College of Engineering is proud to have such a central role in preparing the next generation of engineers and computer scientists. Our graduates from the past have been at the forefront of technology development. Going forward, the College will continue to provide a transformative educational experience for the leaders of tomorrow.



THE NEED FOR

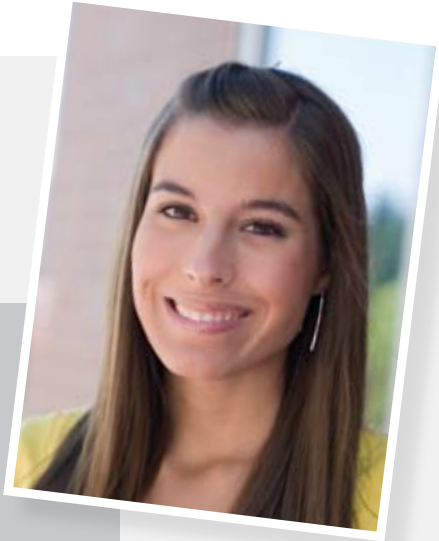
Over the past 10 years, the College has made significant progress in modernizing and expanding the engineering campus. Investments in new buildings, teaching equipment and student laboratories have created a modern physical environment. This year, we are making a special effort to reach out to students. Deep funding cuts are driving up tuition at a time when family budgets are maximally stressed. Through scholarships, loans and other forms of assistance, the College of Engineering is trying to ease this burden so students can focus on completing their education.

This year, the College of Engineering has a special opportunity to match new scholarship gifts of \$1,000 and above with an additional \$1,000. These awards may be named for the donor, or someone the donor wishes to honor. The goal of this special appeal is to increase the number of scholarships in this time of economic hardship. This is a great opportunity to leverage your scholarship gift with a significant match.

We believe engineering students are a special brand of undergraduates; not only are they enrolled in one of the most rigorous academic programs on campus, many are working parents with families to support. University statistics show that 89% of seniors are working at least 20 hours or more, while 31% are working 31 hours or more.

We are extremely grateful to our alumni, corporate partners and friends who have established scholarships in the past and we encourage others to join in this effort. Scholarships allow students to work fewer hours, become more deeply engaged in academic life, and complete their degrees in the normal time with less debt. Other forms of students support include unrestricted donations for equipment, teaching laboratories, programs and academic enrichment opportunities.

Student Support



ELIZABETH METCALF {Class of 2010}
Civil & Environmental Engineering

CHEVRON SCHOLARSHIP RECIPIENT

- Created structural drawings for industrial and large rail transit projects
- Planned and executed \$12,000 charity drive for Habitat for Humanity
- Organized food drive for Utah Food Bank that raised over 10 tons of food



CREIGHTON PETTY {Class of 2011}
Bioengineering

**AREL BERRIER SCHOLARSHIP RECIPIENT
SARAH BETH COYOTE FOUNDATION
SCHOLARSHIP RECIPIENT**

- Utah Electrode Array Laboratory project leader for containment system project and quality assurance inspector
- Vice president for Students of Biomedical Engineering (SBME)
- Project leader for orphanage and manual labor projects for the Guatemala Humanitarian Service



CRAIG EMETT {Class of 2010}
Chemical Engineering

IM FLASH SCHOLARSHIP RECIPIENT

- Two R&D Internships at Celanese Chemicals where he managed an expansion project that will expand total plant production by 60%
- Core committee member of Project Youth, a service committee designed to encourage higher learning among K-12 students
- Elected to the Honors College Community Leaders Scholar program



MEGAN CRUMP {Class of 2010}
Civil & Environmental Engineering

CHEVRON SCHOLARSHIP RECIPIENT

- Assisted graduate level research on fiber reinforced polymer retrofit technology
- In charge of designing water system for clinic in rural Madagascar through Engineers Without Borders
- Organized supplies and logistics for Muscular Dystrophy Association fund raising events

CONTINUED SUPPORT

We urge you to consider a gift to the College of Engineering. We believe an investment in engineering and computer science students is an investment in America's future.

Scholarships

For the next 12 months, the College of Engineering will match new scholarship gifts of \$1,000 and above with an additional \$1,000 to encourage more donors to get involved in supporting students. The awards will be named for the donor or someone the donor wishes to honor.

Fellowships

The College urgently needs those who understand the importance of advanced education at the masters and PhD level to consider support for graduate fellowships. Graduate students are the lifeblood of advanced research, and fellowships are critical to attracting the top students.

Faculty Excellence

Endowed chairs and titled professorships are the ultimate incentive and recognition for faculty excellence. Endowment gifts may be accomplished through a variety of cash and estate planning vehicles that provide lasting benefit and significant tax benefits for the donor.

Unrestricted Gifts

Gifts toward the college development fund provide essential resources for the most urgent needs. Such gifts fund scholarships, equipment and programs for outreach, recruitment, academic advising and other essential student needs.

Capital Gifts

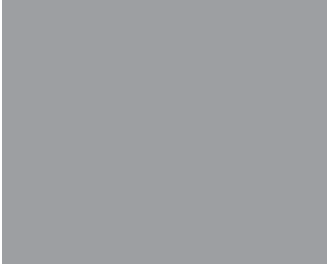

Named classrooms, study rooms and conference rooms are available as the college continues its building and capital improvement efforts. A named space provides permanent recognition for the donor and inspiration to the students, faculty and staff.



EXPRESSING OUR Thanks

The University of Utah College of Engineering remains more committed than ever to providing a world class education for our students. We hope that all of those who have supported us in the past will continue to help us as we aspire to excellence in producing highly qualified, globally aware engineering and computer science graduates.

Remember that if you work for a matching gift company, your gift may be amplified by your company's match. Please mark the appropriate box on the pledge card to indicate your preference in designating your gift. If you would like more information on any of these giving opportunities, please contact Marilyn Davies, *Director of Development* at 801-581-7194, (mdavies@coe.utah.edu).



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