THE UNIVERSITY OF UTAH
COLLEGE OF ENGINEERING

125 YEARS STRONG

Preparing the technology pioneers, innovators and leaders of the future
Across the country and around the globe, College of Engineering graduates have joined the effort to keep the world turning. In the midst of massive disruption to everyday life, our alums are using their technical backgrounds and problem-solving skills to tackle our biggest challenges. Some are manufacturing protective gear and ventilators, while others are working on innovative approaches to virus detection, transmission and prevention. Still others are applying novel methods to drug manufacturing to prevent breakdowns in the nation's supply chain. Until a vaccine or effective treatment changes the pandemic’s trajectory, engineers and computer scientists will be employing all of their creativity and skills to address the challenges we’re confronting today.
For 125 years, College of Engineering graduates have been overcoming the world’s challenges by inventing new technologies and forging new ground. Their pioneering advances have created the very foundation upon which much of today’s technology is built. But even our most distinguished and famous alumni began their careers as students, and many succeeded with the help of scholarships.

Within the ranks of our students today are the pioneers and innovators of tomorrow. A growing number have been deeply affected by the pandemic, putting them at risk for delaying graduation or dropping out altogether. As a nation, we can’t afford to lose a single student. Each new class of engineering and computer science graduates represents the human capital we need to help the economy recover and create solutions to the problems of the future.

We are proud of our remarkable students who consistently rank among the highest performing students on campus. College of Engineering undergraduates make up more than 23% of the Honor’s students. They dominate entrepreneurial competitions and remain actively engaged in a variety of on-campus activities and clubs. Thanks to a world-class faculty, our students are also research focused. Since 2018, the College has recorded 1400 projects, grants, publications, and media exposures involving undergraduate student researchers!

A closer look at the students who received scholarships last year reveals a few common themes.

- They are often the first in the family to attend college
- Many completed associate degrees before transferring to the U
- They are working part-time and even full-time, and self-funding their education
- They are often supporting young families, or even their extended families
- They are active in volunteer service such as: working in hospital ER’s; serving as language interpreters; completing humanitarian projects at home and abroad; working as school mentors, camp counselors, and coaches
- They hope to be role models for others who may only dream of an engineering degree
- Many aspire to graduate degrees, or professional degrees like Law or Medicine
Scholarships have been a fundraising priority for the College of Engineering for nearly three decades. In FY20, the college received $1.57 million in scholarships donations, while adding 12 new endowments for a total of 98. Not surprisingly, the majority of our scholarships are funded by alumni who received scholarships themselves as students.

John LaLonde, a computer science alum, business leader, and chair of the College of Engineering National Advisory Council, is passionate about supporting students. “Every dollar makes a difference in a life. Every life makes a difference in the world. The accomplishments of past generations are sustaining us now. We can’t afford to lose this generation of students because their pioneering advances may save us in the future.”

When applying for a scholarship, students are asked to submit a personal statement outlining their goals and aspirations. Their hopes for the future and their desire to benefit humanity are deeply inspiring.
"I remember sitting on the floor of the Warnock Engineering Building at my very first Girl Scout SWE Engineering night. A student at the U stood up and asked for a raise of hands. ‘Who here knows what an engineer is?’ I didn’t, but by the end of the night I knew that I wanted to be an engineer."

"I believe that engineers have a huge responsibility to the civilization that they are working for. There are a lot of complex problems we are facing in the world today including transportation, pollution, clean water and many more. An engineer with a good education is more than equipped to come up with complex solutions to our world’s complex problems. I am honored to live in a country where I can receive an education that I can use to help others."

"I want to lead as impactful a life as possible. To me, this is a kind of moral imperative. I must do my part in fixing the problems holding humanity back. I want to contribute to the technology that improves our world the way agriculture, electricity, and computing improved it."

"My interest in engineering began with a quote from Albert Einstein. ‘Try not to become a man of success, but rather try to become a man of value.’ I have thought of this quote often. How can I be of value to my community, my family, and myself? I believe that pursuing a degree in engineering is part of the answer to these questions."
Creating A Scholarship: Flexible Options

You don’t need to be wealthy to support a scholarship; even a modest donation can have a major impact. Here are just a few of the ways your giving can make a difference.

**Gifts of Any Amount:**
Your scholarship donation of any amount is needed and welcome. You can make an outright gift or pledge monthly using a convenient credit card option. Your gift can be designated for the College of Engineering scholarship account or go directly to your home department. In 2019-20, the college awarded 480 scholarships valued at more than $1.57 million.

**Named Scholarships:**
A donation of $1,000 or more receives an automatic $1,000 match from the college. We invite you to add your name to the scholarship, or designate a parent, teacher, or loved one. Adding your name to a scholarship inspires students to give in the future.

**Matching Gifts:**
You can add to the value of your gift by applying to your company’s matching gift program, where available.

**Endowed Scholarships:**
You can create a lasting legacy through a scholarship endowment with a gift of $25,000 or more. Endowments can be established with a single donation, or created over a five-year period in $5,000 increments. Endowment gifts receive a $2,000 match that is awarded as a scholarship in the donor’s name.

**Deferred Gifts:**
Endowments can also be secured through deferred gifts such as a bequest, life insurance policy, or other estate planning vehicle. To learn more about deferred gifts, contact Josh Grant at: josh.grant@utah.edu.
Building for the Future
While most new construction was deferred campus-wide at the start of the pandemic, the college received permission to proceed with the renovation of the Electrical and Computer Engineering Teaching Lab and the Phase III addition to the Rio Tinto Kennecott Mechanical Engineering Building.

ECE Teaching Lab Renovation
Located on the second floor of the Merrill Engineering Building, the floor design for this 10,000 square foot project is creating more flexible space for its new and modern equipment. In addition to their generous scholarship program, David and Annette Jorgensen contributed $300,000 toward the project. The department plans to recognize their gift by designating the lab as the David and Annette Jorgensen Electrical and Computer Engineering Teaching Laboratory.

L-3 Harris Technologies committed $150,000, and will add their name to the Microwave and Wireless Communications Teaching Laboratory. So far, the campaign has received more than $516,000 from generous donors including William Holt, John and Priscilla Cadwell, and Deseret Power. Naming opportunities as still available beginning at $6,000.

Phase III Rio Tinto Kennecott Building Addition
The Phase III addition will add more than 22,800 sq. ft. to the existing complex. Phases I and II, completed in 2015, created a modern, sustainable, LEED Gold-certified home for the Department of Mechanical Engineering. During construction, the mechanical and structural elements were put in place for a four-story addition that will essentially “infill” the center of the building. Approximately 6,000 square feet at the ground level of the addition will be programmed for an innovation lab with instructional space, building bay, and maker space with laser cutters, 3-D printers and other equipment needed to take student projects from concept to completion. A variety of naming opportunities are available for this project as well.
Having overcome the global challenges of the past 125 years, the College of Engineering will emerge from this current crisis stronger and more focused than ever on its mission. With your help, the college will continue to achieve outstanding levels of teaching, research and service on par with the best schools in the world.

If you are a College of Engineering alumnus, a company that hires engineering graduates, or someone who cares deeply about the vitality of the Utah and US economies, please help us by supporting the College of Engineering annual appeal.

For additional information on ways you can support the ongoing mission of the College of Engineering, please contact Josh Grant, Executive Director for Development and External Relations, at: josh.grant@utah.edu