

2024
2023

U **2022**

2021
2020
2019
2018
2017
2016
2015

HIGHLIGHTS AND ACHIEVEMENTS

**THE JOHN AND MARCIA PRICE
COLLEGE OF ENGINEERING**

THE UNIVERSITY OF UTAH

A SEMINAL YEAR

Among the defining chapters in the 128-year history of engineering at the University of Utah, 2022 stands out as a seminal year.

In just 12 months, 2022 recorded two of the largest gifts in the history of the university; the addition of nearly \$2.3 million in a targeted state appropriation; the signing of two major educational partnership agreements; the successful completion of three departmental renovation projects; a major overhaul of the historic Merrill Engineering Building; and pre-construction planning and design for a new 252,000 square foot computing and engineering building.

Powering these developments was the unprecedented philanthropy of the Kahlert Foundation and the John and Marcia Price Family Foundation, whose naming gifts for the School of Computing, the Price Computing and Engineering Building and the John and Marcia Price College of Engineering have caused an inflection point in the college's ascent and the growth of Utah's technology sector.



In addition to these historic gifts, the college received millions in support for the Stephen C. and Lynda M. Jacobsen Tower (Mechanical Engineering Phase III Kennecott Rio Tinto addition); the Alan Layton Civil Engineering Lab Building (HEDCO Building renovation); and the Meldrum Process Technology Lab (Chemical Engineering "junior lab").

These major gifts will fortify the tradition of excellence that was built over more than a century through sustaining donations from caring individuals like you. Through your generosity, engagement, and volunteerism, you have helped us to reach this inflection point.

A handwritten signature in black ink that reads "Richard B. Brown". The signature is fluid and cursive, with a long horizontal line extending to the right.

Richard B. Brown
H. E. Thomas Presidential Endowed Dean



MAJOR ANNOUNCEMENTS

The Kahlert School of Computing

On November 3, 2022, the University of Utah announced a \$15 million donation from The Kahlert Foundation to provide support for the university's renowned School of Computing. The Kahlert Foundation's endowment donation will provide the School of Computing with flexible, long-term funding that will expand student support, bring in top faculty and accelerate industry collaborations. In recognition of the gift, the university has renamed the school the Kahlert School of Computing.

The donation was spearheaded by Heather Kahlert, philanthropist and vice president of the Kahlert Foundation, who is a University of Utah alumna. In announcing the gift, she commented: "The University of Utah's computer science program is a legendary strength of both the school and the state, and we wanted to do our part to help that legacy continue."

The John and Marcia Price College of Engineering

Late in 2022, the university finalized a \$50 million gift from the John and Marcia Price Family Foundation that will benefit future students, advance faculty research and support the construction of a new \$189 million computing and engineering building. In honor of the gift, the college has been renamed as the John and Marcia Price College of Engineering. In making their gift, the Price family wants to preserve education and research at the highest level of excellence. Of the \$50 million, an endowment of \$32.5 million will go to student scholarships, teaching labs and equipment, educational initiatives, and more. The remaining \$17.5 million is reserved for the new John and Marcia Price Computing and Engineering Building.

John Price, one of Utah's most prominent businessmen, is an American diplomat and former U.S. Ambassador to Mauritius, Comoros and the Seychelles. Marcia Price is a leader in the arts community, who has devoted herself to advancing the arts at the university, in Utah and nationally.





The John and Marcia Price Computing and Engineering Building

Now in the final design phase, the Price Computing and Engineering Building is the key to future growth for the college and the Kahlert School of Computing. While the Kahlert School of Computing will be the “anchor tenant” of the new building, other occupants will include secure research space and centers for cybersecurity, data science, artificial intelligence and FinTech.

The need for additional space has become critical as the student demand for computing has surged. Currently, computer science has more than 2,451 enrolled majors, the most on campus. Introductory programming courses have soared from 465 students in 2020 to an astonishing 915 in 2022.

With 252,000 square feet of additional space, the John and Marcia Price Computing and Engineering Building will meet current and future demands. The six-story structure will be located to the west of the James L. Sorensen Molecular Biotechnology Building and east of the John and Marva Warnock Building .

The architects are LMN of Seattle and GSBS, Salt Lake City. Okland Construction is the general contractor. The project is anticipated to break ground in the fall of 2023.

Plans for the building include:

- Classrooms to serve enrollment
- 400-seat auditorium
- Faculty offices and research space
- Secure areas to serve strategic partners such as: Idaho National labs, Hill Air Force Base, the National Security Agency, Northrup Grumman, L3 Harris, among others
- Interdisciplinary centers for emerging areas such as data science, FinTech, cybersecurity and AI
- Conference Rooms
- Event Space
- Underground Parking

In addition to the Price Family Foundation's leadership donation of \$17.5 million, \$113 million in state funds, and other university funds, the project has already received \$4 million in additional commitments toward its \$35 million fund-raising goal. Significant naming opportunities are available. Contact Josh grant for the details: josh.grant@utah.edu.

COMPLETED CAMPAIGNS

Stephen C. and Lynda M. Jacobsen Tower

Dedicated in September 2022, the four-story Jacobsen Tower is the final phase of a 10-year project to modernize and expand the Rio Tinto Kennecott Mechanical Engineering Building. The tower added 22,600 square feet to the center of the structure for senior design, mechatronics courses, freshman design, new research labs and offices. A lead gift from the Stephen and Lynda Jacobsen Foundation enabled the construction, with additional support from mechanical engineering alumni and friends.

The late Distinguished Professor Steve Jacobsen was an engineer, roboticist and biomedical pioneer. Lynda (Lynn) Jacobsen graduated Summa Cum Laude from the University of Arizona and completed an MFA in Theater at the U.

Meldrum Process Technology Lab

Funded through a lead gift from the Meldrum Foundation and significant support from chemical engineering alumni, the new Process Technology Lab is now the hub for upper-level students providing multiple, hands-on experiences related to chemical engineering process steps. Two new lab courses will teach students to use modern experimental measurement techniques and computer simulations to properly analyze complex chemical processes.

The late Peter Meldrum, co-founder of Myriad Genetics, was an alumnus of the Chemical Engineering Department and a founding member of the Engineering National Advisory Council. Catherine graduated from the College of Education and is active in the community and the arts. The Meldrums' son and College of Science alum Christopher, along with his wife Jenette, are also trustees of the foundation.

The Alan W. Layton Lab Building

With major support from The Julie M. and David S. Layton Foundation, the college converted two floors of the historic HEDCO building into the new core civil and environmental engineering undergraduate teaching laboratories. Substantially completed in fall 2022, the building houses modern, dedicated laboratories for teaching hydraulics, cyber research, concrete mixing, student project/meeting space, and graduate student space. Significant additional support for the project came from civil engineering alumni and the local construction industry.

The building was named for the late Alan W. Layton, who was attending the University of Utah when his engineering studies were interrupted by WWII. He returned a decorated veteran and founded Layton Construction in 1952.



ENDOWED PROFESSORSHIP



With the appointment of Professor Bruce Gale as the Merit Medical Systems, Inc. Endowed Professor of Engineering, the number of titled faculty positions in the John and Marcia Price College of Engineering continues to grow. Professor Gale, who is also chair of the U's Department of Mechanical Engineering, was honored during a ceremony on May 13. Merit Medical is a leading manufacturer of proprietary disposable medical devices used in interventional, diagnostic, and therapeutic procedures. Merit's founder, Fred Lampropoulos, serves as the company's chairman and chief executive officer.

EDUCATIONAL PARTNERSHIP AGREEMENTS



Idaho National Laboratory




In February, 2022, the University of Utah and Idaho National Laboratory announced the signing of a Strategic Understanding for Premier Education and Research, or SUPER agreement, that allows both organizations to collaborate on research and development projects aimed at advancing the nation's energy and security technology. This newly signed agreement further solidifies what had been individual peer-to-peer agreements between laboratory researchers and university faculty members, and encourages greater collaboration including shared academic materials, visiting research scholars and cooperative symposia, seminars, workshops, and conferences.



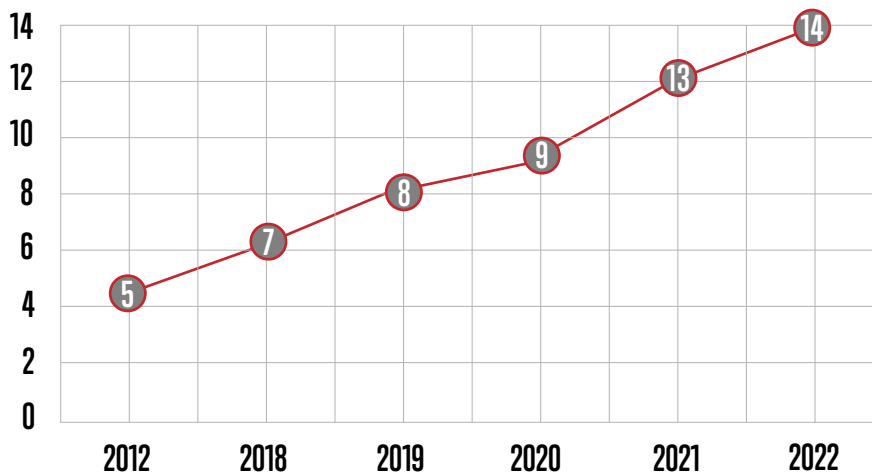
Hill Air Force Base

At a signing ceremony last November, the Price College of Engineering and the United States Air Force announced a new education partnership that will create valuable learning opportunities for students and research projects that can advance technologies from wireless communications and cybersecurity to robotics and composite materials. Air Force personnel will also work with the U on developing new educational programs and will be available to teach courses. University researchers will get access to otherwise unavailable resources from the Air Force such as state-of-the-art equipment, facilities, and expert knowledge.

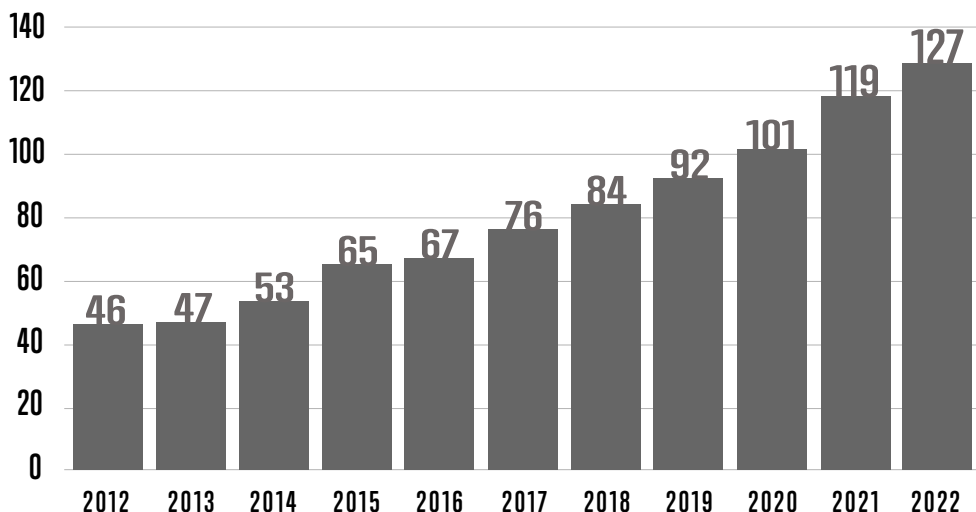
GIVING HIGHLIGHTS FROM CALENDAR YEAR 2022

 <p>\$8.3M Total Gifts</p>	
 <p>\$1.77M Scholarships Awarded</p>	<p>\$158,885 2022 Giving Day Total</p>

TOTAL ENDOWED PROFESSORSHIPS



TOTAL # OF ENDOWED SCHOLARSHIPS ESTABLISHED



ENGINEERING INITIATIVE

Utah's long-running Engineering Initiative provides a direct appropriation to engineering and computing programs in Utah's higher education system, with the goal of increasing the output of graduates. The 2022 legislative session added \$5 million to the program, with \$2.295 million in new ongoing funds targeted for the Price College of Engineering. The legislature requires the funds to be matched by their respective universities. Currently, the Price College of Engineering produces nearly half of the engineering and computing graduates in the statewide system, fueling our tech-based economy.

**JOHN AND MARCIA PRICE
COLLEGE OF ENGINEERING**

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Thank you for helping to make 2022 one of the most memorable in our 128-year history. Your support inspires us to reach even higher to new levels of excellence.

With your help, we will continue:

- To prepare students for leadership positions and professional practice in academia, industry and government.
- To improve the productivity, health, safety and enjoyment of human life through leading-edge research.
- To stimulate and grow the economy by providing qualified engineering professionals and by transferring the technologies developed in John and Marcia Price College of Engineering research to the private sector.

