# THE UNIVERSITY OF UTAH



# Dean of John and Marcia Price College of Engineering











# THE OPPORTUNITY

The University of Utah ("the U"), an R1 university and member of the American Association of Universities, seeks a visionary and dynamic leader to serve as the Dean of the John and Marcia Price College of Engineering ("Price College of Engineering" or "College").

The president of the University of Utah, Dr. Taylor R. Randall, has a vision to position the U to become a top 10 public university with unsurpassed societal impact and to grow to more than \$1 billion per year in research expenditures. The new Dean will be a critical part of this vision and will provide leadership for the Price College of Engineering aligned with the university's ambitious goals. With investment from the U, a recent transformational gift supporting construction of a new state-of-the-art computing and engineering building, and the opportunity for continued appropriations from the State of Utah, the Price College of Engineering is uniquely situated for further growth to become one of the foremost engineering colleges in the country.

The new Dean will provide leadership for all aspects of the Price College of Engineering, establishing and implementing a bold strategic vision that will enhance undergraduate and graduate education, further strengthen the College's research enterprise, drive interdisciplinary collaborations, and enhance the College's global reputation. The successful candidate will be a strategic leader with a record of promoting growth and excellence in education and research, fostering innovation, building effective partnerships internally and externally, increasing philanthropic support for the College, and supporting an inclusive and welcoming environment.





# About The University of Utah

Founded in 1850 and located in Salt Lake City, the University of Utah is the flagship institution of higher learning in Utah, with 18 schools and colleges, more than 100 undergraduate and 90 graduate degree programs, and an enrollment of more than 35,000 students from all 50 states and more than 100 countries.

With revenues in excess of \$6 billion (FY21), the university is considered one of Utah's primary economic engines. The institution generates more than \$600 million annually for the state of Utah in nontax revenue, is the state's largest employer, and has been a catalyst for research, technology, energy development and sustainability.

The U strives to be a model public university, delivering unmatched value in higher education

and health care while making social, economic, and cultural contributions that improve the quality of life throughout the state, the nation, and the world. With a distinguished legacy of advancing research, teaching, and service, the U stands proudly at the forefront of discovery, academic achievement, and global impact.

The U is a member of the Association of American Universities—an invitation-only, prestigious group of 71 leading research institutions marked by excellence in academic expertise and research impact, student success, and securing resources in support of its core missions. The U is firmly committed to equity, diversity, and inclusion; safety; health and well-being; academic freedom; and sustainability.



# FAST FACTS

- 18:1 student-to-faculty ratio
- **32%** of domestic first-year students are of color
- **24%** of undergraduates identify as firstgeneration college students
- **85%** of students receive scholarships/ financial support
- 120 undergraduate majors
- 125 graduate programs
- 300,000+ U alumni

# **COLLEGES AND SCHOOLS**

Architecture + Planning Business Cultural & Social Transformation Dentistry Education Engineering Fine Arts Health Honors Humanities Law Medicine Mines & Earth Sciences Nursing Pharmacy Science Social & Behavioral Science Social Work

<u>Click here to see more (including departments and programs)</u>

# **U OF U HEALTH**

The University of Utah is also home to the only academic medical center in the state—University of Utah Health—and provides patient care for the people of Utah, Idaho, Wyoming, Montana, western Colorado, and much of Nevada. It also serves as the training ground for the majority of the state's physicians, nurses, pharmacists, therapists, and other health care professionals. Home to the Huntsman Cancer Institute, Eccles School of Medicine, John A. Moran Eye Center, Huntsman Mental Health Institute and ARUP Laboratories, U of U Health has been nationally ranked in the top 10 for quality for 12 years in a row, and as the No. 1 hospital in the state for the past six years.

University Hospitals & Clinics relies on more than 23,000 employees who staff five university hospitals, 12 community clinics, and specialty centers including the John A. Moran Eye Center, the Cardiovascular Center, the Clinical Neurosciences Center, and the Utah Diabetes Center. The co-location of a comprehensive research university and an academic medical center makes the University of Utah one of fewer than 12 equivalent institutions in the country.





### EQUITY, DIVERSITY, & INCLUSION

The University of Utah aims to serve as a catalyst and a national leader for equity-centered campus transformation by ensuring equity, diversity, and inclusion are a part of everyone's work and by living the practices that inspire all to contribute and thrive. Boldly determined to ensure a sense of belonging for all, the university is creating a campus where everyone knows their authentic self is affirmed and supported.

The U is cultivating a more inclusive climate by consistently assessing university policies, programs, and practices and by building community connections where trust is built, the effects of injustices are uprooted, and long-term sustainable outcomes and relationships are developed. And finally, the university is committed to securing health equity by developing institutional policies, practices, and programs that eliminate health inequities and ensure that all patients and clients achieve equitable health outcomes.

## INFRASTRUCTURE

In addition to the Salt Lake campus, the U has established a campus in St. George, at the south edge of the state, offering graduate degrees onsite, and a campus in the Salt Lake suburb of Sandy offering multiple classes. The U has also launched innovative efforts such as the new Juniper Building at the Salt Lake Community College Herriman Campus, at the far southwestern edge of Salt Lake County, where where students are able to earn an associate degree from Salt Lake Community College and then attend the U for a bachelor's degree, all at one location. The U is also proud to be one of the founding institutions of Incheon Global Campus in South Korea. All students at the University of Utah Asia Campus receive a University of Utah degree, while being taught by U-appointed faculty in South Korea.





# Mission and Core Values

The University of Utah fosters student success by preparing students from diverse backgrounds for lives of impact as leaders and citizens. We generate and share new knowledge, discoveries, and innovations, and we engage local and global communities to promote education, health, and quality of life. These contributions, in addition to responsible stewardship of our intellectual, physical, and financial resources, ensure the long-term success and viability of the institution.

The University of Utah is dedicated to excellence, in accordance with its core values:

*Student success and engagement:* The U is committed to providing the financial assistance, personalized support, and engaged learning experiences that increase access to the university and facilitate persistence through degree completion.

*Research and teaching excellence:* The U engages in cutting-edge teaching and research that foster inter- and trans-disciplinary innovation, creativity, entrepreneurship, and knowledge and technology transfer. *Diversity:* The U celebrates the rich diversity of people as well as creative and intellectual traditions by being inclusive in every respect.







*Sustainability:* The U contributes to a more sustainable world through research, teaching, and demonstrating best practices in protecting and enhancing the natural and built environment on the campus and environs, making it a great place to live, learn, work, play, create, recreate, and visit.

*Global vision and strategy:* The U thinks and acts globally by increasing opportunities for students and faculty to engage in international study, teaching, research, and service.

*Community:* The U maintains a strong sense of community among students, faculty, and staff, and cultivates meaningful university, neighborhood, city, region, state, and global partnerships.

*Leadership:* The U engages students, faculty, staff, and the larger community in conversations that lead to positive transformation at the local, state, national, and global levels.

Click here to learn about the U's Strategic Goals







# University Provost



Mitzi M. Montoya, Ph.D., was appointed provost and senior vice president for academic affairs in January, 2023. She joined the University of Utah with a vigor for solving problems, breaking barriers and innovating change for the greater good.

Dr. Montoya is a thought leader in higher education. Throughout her career she has supported student and faculty success, enhanced entrepreneurial and innovation ecosystems and led collaborative initiatives to find solutions for social, technical and political challenges.

Before joining the U, Dr. Montoya was the dean of the Anderson School of Management at the University of New Mexico and the Sara Hart

Kimball dean of the College of Business at Oregon State University. At Arizona State University (ASU), she was dean of the College of Technology & Innovation, vice provost of the ASU Polytechnic campus and the inaugural vice president and university dean of entrepreneurship and innovation. Prior to ASU, Dr. Montoya spent 15 years at North Carolina State University where she held the Zelnak Chair in Marketing & Innovation in the Poole College of Management. She received her doctorate in Marketing and Statistics and BS in Applied Engineering Science from Michigan State University.

Dr. Montoya's entrepreneurial approach to problem-solving is driven by her research on innovation processes and strategies and influenced by her experiences as a former American Council on Education (ACE) Fellow. As provost, Dr. Montoya seeks to inspire students, faculty and staff; lead innovation efforts; and help the U become a top 10 public university with unsurpassed societal impact.

Click for bios on other U leaders



# Dean of the John and Marcia Price College of Engineering

The John and Marcia Price College of Engineering has 226 tenure-line faculty members and an operational budget of \$157 million. U.S. News and World Report has ranked the Price College's engineering graduate programs 55th in the nation, evaluated by their ability to deepen student's technical knowledge and advance their career prospects. With \$106 million in engineering-related research expenditures last year, the College is among the top 40 engineering universities in the country for research productivity.

This year, the College received a \$50 million naming gift from the John and Marcia Price Foundation to support future growth and student success. This follows two decades of steady progress growing the College's enrollment, which has more than tripled in that span.

Engineering and computer science students represent the future technical workforce, for Utah, the U.S., and the world. With a \$15 million naming gift for the Kahlert School of Computing and the \$194 million Price Data Science Building breaking ground in 2024, the college will add capacity for an additional 500 students and attract faculty studying one of engineering's most sought-after fields.

Adapting to and fostering this overall growth, the College has recently made significant investments in several other facilities, including the Merrill Building (electrical and computer engineering, Kahlert School of Computing), Jacobsen Tower (mechanical engineering), and the Layton Building (civil and environmental engineering).

# **MISSION STATEMENT**

The mission of the John and Marcia Price College of Engineering is 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; and to stimulate and grow the economy by providing qualified engineering professionals and by transferring the technologies developed in the College to the private sector.

# DIVISION, DEPARTMENTS AND DEGREES

The Price College of Engineering includes seven departments and one division, each offering a broad range of undergraduate and graduate degrees.

- Biomedical Engineering (BS, MS, PhD)
- Chemical Engineering (BS, MS, PhD)
- Civil & Environmental Engineering (BS, MS, PhD)
  - Construction Engineering (MS, PhD)
  - Nuclear Engineering (BS Minor, MS, PhD)
- Electrical & Computer Engineering (BS, MS, PhD)
  - Computer Engineering (BS, offered jointly with the Kahlert School of Computing)
- Division of Games (BS, MEAE, dual MBA/MEAE)
- Kahlert School of Computing (BS, MS, PhD)
  - Data Science (BS)
  - Software Development (BS, MS)
- Materials Science & Engineering (BS, MS, PhD)
- Mechanical Engineering (BS, MS, PhD)





# **COLLEGE ORGANIZATION**

The College is organized with three associate deans and two directors reporting directly to the dean. Support teams, including development, communications, accounting, and facilities, report to the dean through the associate deans and directors. The entire organization chart is available online at https://www.price.utah.edu/organization-chart.

In addition to its internal organization, the Price College established its Engineering National Advisory Council (ENAC) to advance excellence in engineering education, provide counsel to the dean, and support the long-term strategic objectives of the College. Established in 2001, the 40-member ENAC consists of distinguished alumni and senior leadership from academia and industry and meets twice per academic year.

The College's 30-member Industry Advisory Board includes technical leaders from Utah's major employers of engineering and computer science graduates. The IAB meets five times during the academic year and advises the dean on curricula, degree offerings and workforce demands. Members of the IAB have been extremely effective in presenting the legislative case in support of the Engineering Initiative, the college's commitment to expanding the state of Utah's technical workforce.

## **STUDENT INFORMATION**

- 6,626 students enrolled (5,244 BS, 665 masters, 717 Ph.D.)
- 1,308 graduates in 2023 (825 BS, 382 masters, 101 Ph.D.)
- 23% female
- 20% first-generation
- 71% Utah residents

## RESEARCH

The Price College of Engineering has more than \$100 million in annual research expenditures, placing it among the top 40 universities in the U.S. The College has world-class research facilities, including a 23,000-square-foot nanofabrication facility; a 100 kW TRIGA nuclear reactor; and state-of-the-art laboratories for biomedical, robotics/ bionics, energy, materials, construction, electrical, and computing research.

Engineering researchers work closely with collaborators in colleges, departments and institutes across campus including the Scientific Computing and Imaging Institute, Energy, and Geosciences Institute, Huntsman Cancer Institute, Center for Medical Innovation, Center for High-Performance Computing, School of Medicine, College of Science, and many others. Recently, the College has signed agreements of collaboration with Idaho National Laboratory, the U.S. Air Force and Hill Air Force Base, and the Northwest University Semiconductor Network.

# COMMERCIALIZATION

Driven by interdisciplinary collaboration and entrepreneurial spirit, the College's students and faculty form ventures that keep society productive, healthy, and entertained. The College continues to successfully commercialize intellectual property through invention disclosures, patents, and ultimately, startup companies.

Since 2006, the College has filed 1,172 invention disclosures, 372 US patents, executed 117 licenses, and launched 99 companies from research.

# DEVELOPMENT AND EXTERNAL RELATIONS

The Development and External Relations team engages with corporate and community members and has raised more than \$120 million in the past five years to support growth of the College, innovations in research, and student success.

## ALUMNI

The Price College of Engineering has a strong network of supportive alumni who routinely engage with the College and contribute to its fundraising campaigns. Notable alumni include John Warnock (Adobe), Ed Catmull (Pixar), Gretchen McClain (NASA), Jim Clark (Netscape), and Mark Fuller (WET Technologies).

This year, the College was recognized with an IEEE Milestone Award for its role — and the role of its alumni — in establishing the foundations of the computer graphics industry.



### LEADERSHIP OPPORTUNITIES

### **Provide Visionary Leadership**

The Price College of Engineering is committed to excellence in education, research, and societal impact. The new Dean will develop and implement a strategic plan that serves as a roadmap for the College's continued growth and success, elevating its national and global reputation as one of the preeminent engineering colleges in the country. To accomplish this, the Dean will be forward-looking with a keen understanding of where the broad field of engineering is moving, building on the College's current successes, and driving future growth and impact in emerging areas. The new Dean will lead efforts to assure the quality and relevance of academic programs in the College, ensuring they align with industry trends, emerging technologies, and global challenges. In addition, the new Dean will embrace innovative teaching methods, the development of interdisciplinary initiatives, and expanded experiential learning opportunities to enrich the educational experience for students. The new Dean will also cultivate a culture of continuous improvement through program review and assessment, mission alignment, a transparent leadership style, and a strong commitment to academic rigor and excellence.

### **Enhance Enrollment and Foster Student Success**

The new Dean will promote academic excellence, continue to grow enrollment, and foster an inclusive environment that cultivates undergraduate and graduate student success by prioritizing initiatives that support student engagement, retention, graduation, and post-graduation outcomes, providing comprehensive academic support services and mentoring that are key to student satisfaction and their later success in the workforce. The new Dean will have a data informed approach to strategies for monitoring and improving student outcomes, ensuring that students reach their potential and have an experience that nurtures their personal growth, leadership development, and a strong sense of community.

### **Grow Research and Innovation**

The new Dean will develop and implement a vision for continued research growth, including strengthening the support infrastructure to expand the College's research

enterprise and translation of ideas and discoveries into impactful ventures. The new Dean will support the work of internal and external constituencies to successfully compete for large multidisciplinary projects and centers with the goal of achieving significant research growth for the unit, aligned with the University of Utah's goal of \$1 billion per year in research expenditures, thereby further enhancing the U's global visibility and recognition in engineering. The new Dean will take advantage of significant potential for research growth and impact that exist in Salt Lake City region and the surrounding Intermountain West-an area of economic growth that is a target-rich environment for strategic alliances with government and industry. In addition, aligned with the U's reputation as a top university for commercializing technology, the new Dean will support and continue to grow the culture of innovation and commercialization and promote the Price College of Engineering as a valuable resource for addressing technical and societal challenges, workforce development, and economic growth.

### **Encourage Interdisciplinary Collaboration**

The new Dean will encourage interdisciplinary collaboration in teaching and research within the Price College of Engineering and across the U, fostering innovative approaches to address complex challenges. By fostering a College culture of collaboration with other academic units (School of Medicine, College of Science, etc.), the new Dean will assure that the College harnesses its full potential to make a broader and more significant impact on society, provide students with academic and research experiences that will enrich their education, and enhance the overall excellence and reputation of the Price College of Engineering.

### Grow and Support Faculty, Staff, and Administrators

The new Dean will recruit world-class researchers, educators, and outstanding staff to expand the excellence and impact of the Price College of Engineering and support the U's vision to become a top 10 public university. The new Dean will further promote an inclusive environment, fostering a community of exceptional talent and diverse perspectives, as well as a supportive atmosphere that encourages the retention of these individuals, recognizing their contributions and providing opportunities for mentoring and professional development.

### Foster a Diverse and Inclusive College Environment

The new Dean will demonstrate a comprehensive understanding of the key issues of diversity and inclusion



in engineering, and will lead by seeking the perspectives and listening to the concerns of diverse stakeholders in decision-making and program development. The new Dean will facilitate a College culture in which all students, faculty, and staff are respected, valued, and empowered to succeed.

#### **Build and Nurture External Partnerships**

The new Dean will build and nurture relationships with business and industry, community leaders, funding agencies, national labs, government entities, alumni, universities, and other key partners to develop opportunities for the research and academic programs, along with internship and career opportunities for students. The Dean will initiate and nurture relationships with key affiliates with support of the College's Industry Advisory Board and the Engineering National Advisory Council, as well as the professional engineering community.

#### Advocate for the Engineering Initiative

In 2001, the Utah State Legislature passed SB61, or the Engineering Initiative, as a long-term collaboration between state government, higher education, and industry leaders to facilitate a surge in engineering and computer science degrees. In the two decades since the bill was passed, the University of Utah has more than tripled its annual output of engineering and computer science graduates. The new Dean will work closely with engineering deans at Utah's public universities, the U's Government Relations team, and the College's Industry Advisory Board to continue to articulate the College's strategy for increasing the number of engineering and computer science graduates to the legislature while keeping legislators apprised of the impact of the funding.

# Increase Philanthropic Support for the Price College of Engineering

The new Dean will be a champion for philanthropy and will work with the College's Advancement team, University Advancement, and others to further enhance a robust fundraising program in the College, including establishing fundraising priorities; articulating a compelling case for support; cultivating alumni, friends, and partners; and achieving philanthropic goals. The new Dean will have an enthusiasm for fundraising and possess the personal and social skills that enable the building of successful donor relationships and drive both overall and transformative giving.

# **QUALIFICATIONS AND ATTRIBUTES**

### **Minimum Qualifications:**

- Earned doctorate with a record of distinguished research/teaching and professional accomplishments commensurate with the rank of tenured full professor in an academic unit within the Price College of Engineering.
- Leadership and administrative experience in an academic or research institution.

### **Desired Experiences and Attributes**

- Academic Excellence: An accomplished academic with demonstrated success in fostering an environment of academic rigor and excellence and a demonstrated record of promoting quality in engineering education and curriculum development.
- Vision: A forward-looking leader with a demonstrated ability to articulate a compelling vision to achieve the Price College of Engineering's goals and objectives. Has a strong record of institutional leadership and collaboration with demonstrated skills in strategic planning and implementation, fiscal planning, organizational budget management and data-informed decision making in a complex organization.
- **Student Success:** Student-focused administrator with a demonstrated ability to implement strategies that enhance student success to achieve gains in undergraduate and graduate student retention and graduation rates.
- **Research:** A world-class researcher with a proven track record of securing external funding, supporting faculty research, identifying research

opportunities, and implementing strategies that result in College-wide increases in research funding and productivity. Familiarity with current and evolving research trends in engineering at regional, national, and global scales. Demonstrated success developing infrastructure to support research growth.

- Interdisciplinary Collaboration: A strong collaborator with a record of building relationships among and across academic units, centers and institutes, and external stakeholders to foster innovative approaches to engineering education and research.
- **Diversity and Inclusion:** An exemplary leader with a record of fostering diversity and inclusion to create an environment that welcomes and supports individuals from all backgrounds.
- **Communication Skills:** Excellent interpersonal and communication skills to engage with faculty, students, staff, alumni, and internal and external stakeholders and partners.
- Entrepreneurship and Innovation: An entrepreneurial leader with an understanding of commercialization and technology transfer to support and facilitate bringing innovations, inventions, and research discoveries developed in the College from an academic setting to the market and society.
- Fundraising: A passionate advocate and a compelling storyteller with demonstrated success supporting a comprehensive advancement environment conducive to outstanding philanthropic outcomes in tandem with University and College Advancement to secure support for scholarships, research, faculty awards, infrastructure, and other priorities.
- **Partnerships and Community Engagement:** An inclusive relationship builder with experience creating partnerships with business and industry, granting authorities, foundations, regulatory bodies, national laboratories, research consortia, and other public and private organizations to secure resources, promote collaboration, foster experiential learning and career opportunities, and facilitate technology transfer.
- **Shared Governance:** A collaborative leader with an understanding of shared governance and the ability

to be effective in a decision-making model that involves faculty, staff, students, and administrators in shaping the policies, procedures, and direction of the Price College of Engineering.

• Accreditation. An academic administrator that has experience with the ABET accreditation process.

# APPLICATIONS, NOMINATIONS, AND EXPRESSIONS OF INTEREST

AGB Search is pleased to assist the University of Utah with this search.

To apply for the Dean of Engineering position, candidates are requested to submit: 1) a curriculum vita or resume, 2) a letter of interest that addresses the leadership opportunities and desired experiences and attributes in this profile and 3) contact information for five references (to be contacted at a later date with candidate's permission) to UtahDeanEng@agbsearch.com by November 10, 2023, for best consideration. The search will remain open until an appointment is made.

#### Timeline

- Initial Interviews: Late November Early December
- Finalist Interviews: Mid- to Late January
- Anticipated Start Date: July 1, 2024

Nominations and expressions of interest in the dean position are encouraged. Please direct them to UtahDeanEng@agbsearch.com or to the AGB search consultants listed below.

Kimberly Templeton, JD, Principal kimberly.templeton@agbsearch.com, (540) 761-9494

Nancy Targett, PhD, Executive Search Consultant nancy.targett@agbsearch.com, (302) 233-5202

Frank Newton, EdD, Executive Search Consultant frank.newton@agbsearch.com, (302) 943-1605

Lynn DellaPietra, PhD, Executive Search Associate lynn.dellapietra@agbsearch.com, (202) 640-6723

## AA/EO/HR STATEMENT

The University of Utah values candidates who have experience working in settings with students, staff, faculty and patients from diverse backgrounds and possess a strong commitment to improving access to higher education, employment opportunities, and quality healthcare for historically underrepresented groups. Individuals from historically underrepresented groups, such as minorities, women, qualified persons with disabilities and protected veterans are encouraged to apply. Veterans' preference is extended to qualified applicants, upon request and consistent with University policy and Utah state law. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities.

The University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, ethnicity, color, religion, national origin, age, disability, sex, sexual orientation, gender, gender identity, gender expression, pregnancy, pregnancy-related conditions, genetic information, or protected veteran's status. The University does not discriminate on the basis of sex in the education program or activity that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about the application of Title IX and its regulations may be referred to the Title IX Coordinator, to the Department of Education, Office for Civil Rights, or both.

To request a reasonable accommodation for a disability or if you or someone you know has experienced discrimination or sexual misconduct including sexual harassment, you may contact the Director/Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action:

Director/ Title IX Coordinator Office of Equal Opportunity and Affirmative Action (OEO /AA) 383 University Street, Level 1 OEO Suite Salt Lake City, UT 84112 801-581-8365 oeo@utah.edu

Online reports may be submitted at oeo.utah.edu

For more information: https://www.utah.edu/nondiscrimination/



Salt Lake City and Utah



At an elevation of 4,330 feet above sea level, the University of Utah is set on the east bench of the Salt Lake Valley with views of the areas to the west, north, and south. The university is part of incorporated Salt Lake City, which has a population of about 200,000 people, nestled in the greater Salt Lake Valley with a population of about 1.24 million. In recent years, the region has grown in population, cultural diversity, and accolades as Utah was named the 2023 No. 1 best state overall by U.S. News and World Report.

Frequently listed by prestigious magazines and news outlets among the "best places to live" due to a variety of factors including recreational options, the business environment, climate, and a low crime rate, Salt Lake City is the 47th-largest metropolitan area in the United States. It was also recently ranked as the nation's second-friendliest city by Travel+Leisure magazine. The international airport is just nine minutes from downtown, and getting around is easy on TRAX, the city's ever-expanding light rail transit system. TRAX lines now connect campus with the airport and all sections of the Salt Lake Valley.

