At the University of California San Diego, challenging convention is our most cherished tradition. Through the Campaign for UC San Diego — our university-wide comprehensive fundraising effort concluding June 30, 2022 — we are enhancing student support, ensuring student success, transforming our campus, connecting our community, and redefining medicine and health care on a global scale.

Jacobs School of Engineering

Building the Digital Future

We take a nontraditional approach to educating tomorrow’s technology leaders. The Jacobs School of Engineering trains more aspiring engineers than any other California university — more than 2,400 graduates enter the workforce each year — with an emphasis on innovation and instructional excellence. Our world-class faculty, staff and students are catalyzing solutions in six departments: bioengineering, computer science and engineering, electrical and computer engineering, mechanical and aerospace engineering, nanoengineering and structural engineering.

Our epic vision is engineering for a digital future. In the coming decades, no sphere of human activity will be untouched by cascading changes in digital technology, so as we nourish the creativity and inquisitiveness of our students, we reinforce basic engineering education and student support, emphasizing hands-on, immersive experiences. We supply the collaborative, innovative environments, both real and intangible, required for research to beget breakthroughs. And we break down disciplinary boundaries as we work together to solve our globe’s greatest challenges.

Trailblazing ahead of rapid change means investing in opportunities to develop our infrastructure. The Jacobs School seeks support for our pioneering people and programs; to fund a physical space for our expanding research, institutes and centers; and to steer our startup culture into a new era of digital discovery.

5th in the nation
Among public engineering schools
(U.S. News & World Report)

6,000+
Undergraduate students

2,800+
Masters and doctoral students

3rd in the nation
For biomedical/bioengineering
(U.S. News & World Report ranking of graduate schools)

1st
Jacobs School of Engineering is home to the world’s first and largest outdoor earthquakes simulator, known as a shake table.

Continue the nontradition.
Help us continue the nontradition.

With your help, UC San Diego will build the digital future at the Jacobs School. As the youngest comprehensive engineering program among the nation’s top 20, our students, faculty and staff have already started on a trajectory to change the world.

Together with your philanthropic support of the Campaign for UC San Diego, we can continue — and increase — our incredible velocity as an engineering powerhouse.

Learn more at campaign.ucsd.edu.

Jacobs School of Engineering Priorities

Student Support and Success

» New scholarships fund undergraduate student recruitment, support and internships.

» Fellowships fuel research and learning. Attracting and retaining the best graduate students is instrumental to academic inquiry, mentorship and our vibrant curriculum.

» Our Experience Engineering – E4 Initiative ensures all undergraduates have the opportunity to participate in hands-on project courses that bridge engineering principles and real-world contexts.

» The IDEA (Inclusion, Diversity, Excellence and Advancement) Center provides enhancement resources such as workshops and study groups to support success and development for students from a wide range of backgrounds at the Jacobs School.

Our Campus and Community

» Franklin Antonio Hall is a new collaborative engineering building designed around research “collaboratories” that facilitate interdisciplinary research, active learning and innovation transfer related to grand-challenge research.

» Research funding and equipment will support the endeavors of post-doctoral fellows and scientists.

» Endowed chairs honor exceptional faculty members and support their current and future work.

Research and Innovation

» Operations funding for collaborative projects will include community outreach, intra- and inter-institutional forums, and support for funding and administration.

» New faculty start-up funds will provide a bridge from the earliest years of a faculty member’s career to the grant-earning success that is the hallmark of seasoned labs.