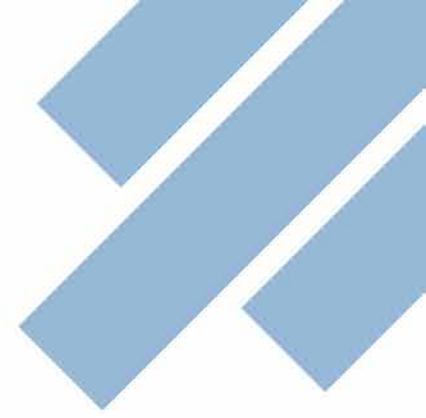


The Campaign For
UC San Diego



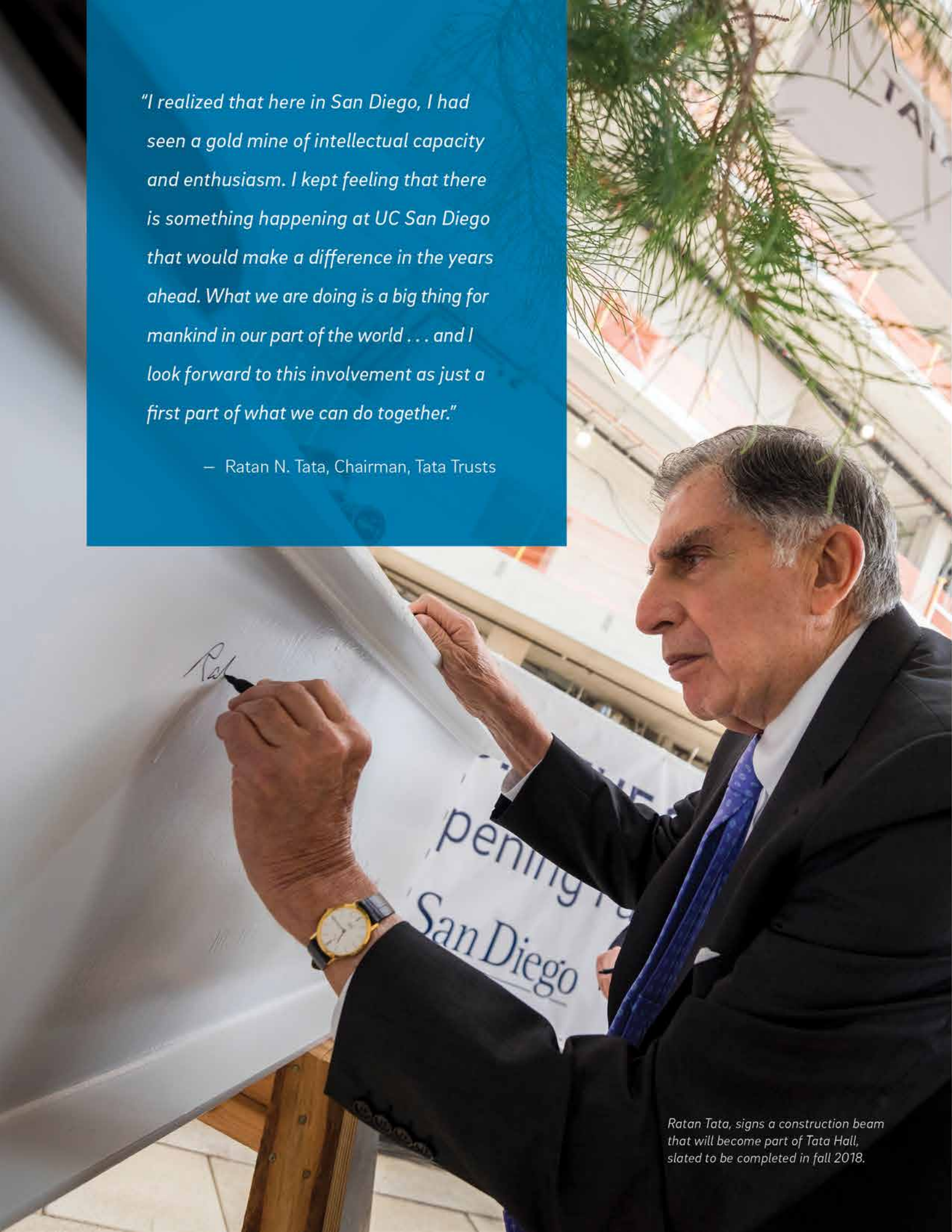
Tata Hall for the Sciences



**BREAKING SCIENTIFIC BOUNDARIES
AND INSPIRING INNOVATIVE COLLABORATION**

"I realized that here in San Diego, I had seen a gold mine of intellectual capacity and enthusiasm. I kept feeling that there is something happening at UC San Diego that would make a difference in the years ahead. What we are doing is a big thing for mankind in our part of the world . . . and I look forward to this involvement as just a first part of what we can do together."

— Ratan N. Tata, Chairman, Tata Trusts



Ratan Tata, signs a construction beam that will become part of Tata Hall, slated to be completed in fall 2018.



Opening doors to new eras in science

As we build the pipeline of scientific talent and pursue exhilarating discoveries through the Campaign for UC San Diego, Tata Hall for the Sciences is an exciting and much-needed addition to accommodate growth within the Biological and Physical Sciences.

Science in the 21st century is at a crucial convergence, with new possibilities opened up by powerful technologies and the watershed discoveries of the genomic revolution. At UC San Diego, we've expanded our research enterprise into areas that didn't even exist 15 years ago—helping to address some of the world's most pressing challenges.

In Biological Sciences, breakthroughs in active genetics as well as live imaging of individual molecules and neuronal circuitry are transforming our ability to understand the mysterious processes underlying living organisms.

In Physical Sciences, new advances in materials and mechanics enable observation from the smallest scale to the broadest conceivable dimensions.

UC San Diego

**Biological Sciences
Physical Sciences**

"UC San Diego taught me to be a rigorous scientist and laid the groundwork for my success."

Bruce Beutler '76, 2011 Nobel Prize, Physiology or Medicine
Biological Sciences Outstanding Alumnus



A space where discovery comes to life

Named in honor of the Tata Trusts, the building heralds the international scientific leadership that inspired the Tata Trusts' transformational establishment of a premier binational U.S.-India research partnership. With features that both enhance the student experience and spark research and innovation, this new state-of-the-art facility will bring faculty and students in both divisions together in a space that spurs cross-disciplinary exploration. Highlights of Tata Hall include:

Learning Studios

Tata Hall Learning Studios will mirror best practices of collaborative teams in industry and research through the use of state-of-the-art media, movable tables, chairs, and white boards so that students may more easily reconfigure into project teams. The enhanced active learning environment will better mirror the laboratory environment, closing the gap between instruction and hands-on science.

Teaching Labs

Deliberately located next to the learning studios, our teaching labs will maximize cross-disciplinary research connections, as students receive frontline access to new horizons of discovery through project work with faculty and graduate student instructors. Teaching labs with the newest advances in safety and performance will prepare students to emerge as collaborative leaders.

NMR (nuclear magnetic resonance) Spectrometry Core

NMR spectrometry is a powerful aid to the fundamental research performed on our campus. An NIH-designated National Resource for NMR Molecular Imaging of Proteins, the facility is a differentiating factor for UC San Diego investigators and their collaborators on the Torrey Pines Mesa.

Kavli Institute for Brain and Mind

Leveraging ingenuity across the Torrey Pines Mesa, the Kavli Institute for Brain and Mind will be housed in Tata Hall, where it will continue its leadership in fundamental neuroscience research and translational applications of neurotechnology solutions.



The Dutton Lab uses microbial communities from cheese as models due to their simplicity, culturability, and experimental tractability.



The Devaraj Lab conducts synthetic biology studies that could reveal fundamental chemical principles that led to the origin of life.

Scheduled for completion in fall 2018, the seven-story Tata Hall for the Sciences will provide 128,000 square feet of research and instructional space, teaching labs, learning studios, and other features that support and enrich the student experience.

It takes a collective effort to foster collaboration and spur nonstop discovery.

With your gift, you join us in breaking scientific boundaries and inspiring innovation, as UC San Diego leads the way as a research and discovery engine. Together we can build a diverse pipeline of student and faculty talent ready to blaze new trails to advance scientific understanding for global good.



The Mayfield Lab focuses on algae biotechnology research for the production of therapeutic proteins and biofuel molecules.

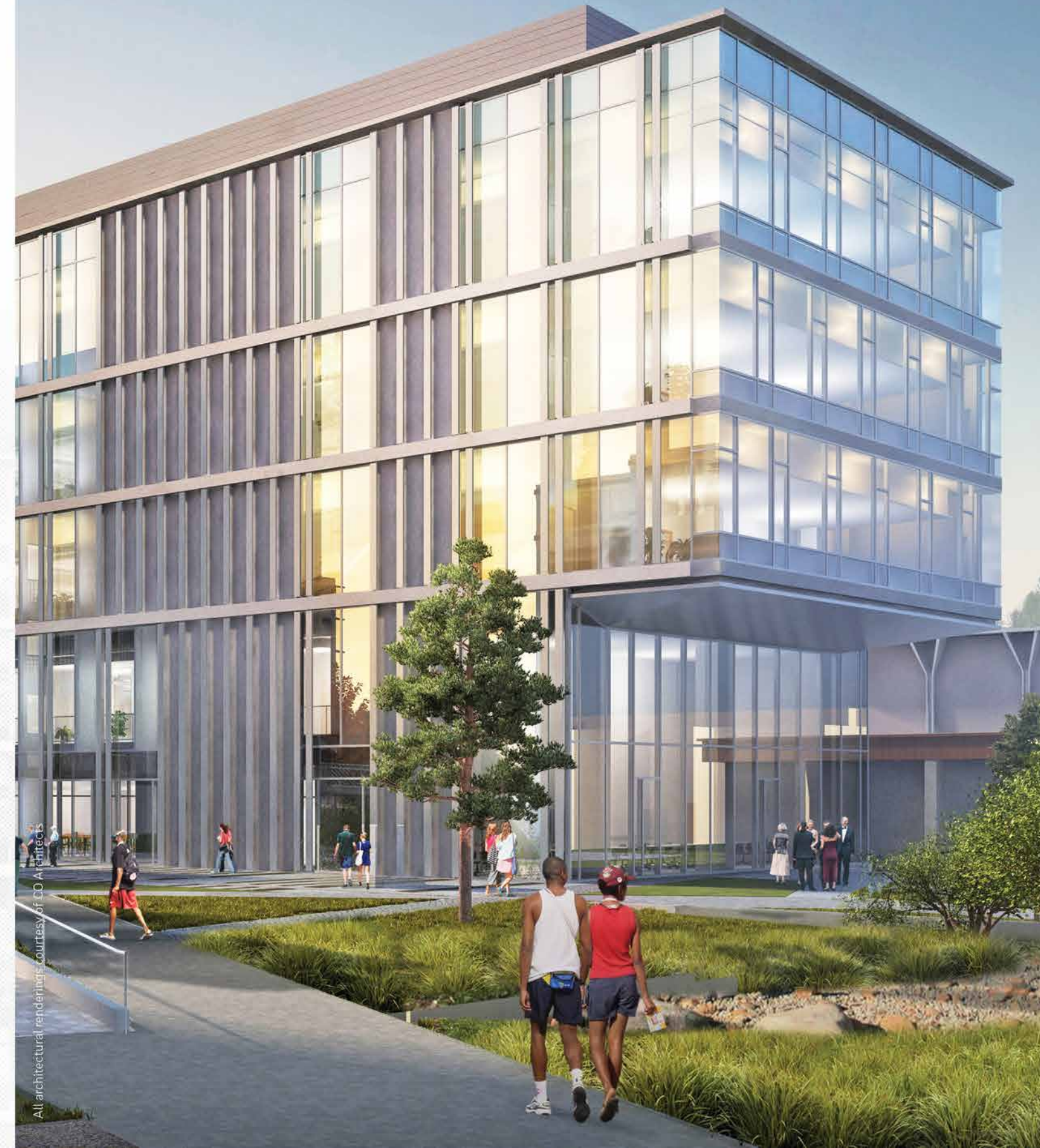
Join faculty and students of Biological and Physical Sciences in creating new scientific opportunities through the Campaign for UC San Diego. Endowment gifts to programs in Biological and Physical Sciences may be recognized within Tata Hall.

Philanthropic partners who support the training of 21st-century scientists — and the groundbreaking discovery of scientists at all stages in their careers — will be seen by the campus community as champions for world-changing exploration and innovation.

"What really stood out for me at UC San Diego was the interdisciplinary nature of the chemistry department. There were biologists in the department, there were protein chemists, there were chemists. It was fairly unique at the time. It exposed me to a tremendous number of new ideas and new sciences that I had no idea of, before I came. And I think that set me up very well for what I'm doing now."

William A. Lee, MS '79, PhD '82
Physical Sciences Outstanding Alumnus

Help us continue the nontradition.



All architectural renderings courtesy of DOA Architects

For more information about supporting
Biological or Physical Sciences at UC San Diego
or making other contributions to advance our
vital work, please contact:

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campaign.ucsd.edu



The Campaign For UC San Diego

At the University of California San Diego, challenging convention is our most cherished tradition. The Campaign for UC San Diego is a \$2 billion university-wide comprehensive fundraising effort to transform the student experience, our campus, and ultimately the way humanity approaches problems and develops solutions.