



SCHOOL OF BIOLOGICAL SCIENCES

NONSTOP DISCOVERY

Curiosity is in our DNA.

Our founders established an experimental campus, and the School of Biological Sciences is at the very heart of that history. Our students, faculty and staff spark scientific breakthroughs every day, dividing their world-class work into four sub-disciplines: cell and developmental biology; molecular biology; ecology, behavior and evolution; and neurobiology.

Our grand vision will usher fundamental science into a new period of quantitative, collaborative research with the next generation of evidence-based innovators at the helm. Our task is to meet the challenges of our climate, improve the health of individuals, conserve delicate ecosystems, and help populations thrive, while integrating students into our top-tier endeavors. Through basic science, computing technology and data, we'll move from observation to prediction, prediction to remediation, and remediation to a better future — for us all.

Opening doors to new eras in science means investing in opportunities for access, collaboration and nonstop discovery. Our school seeks to fund people with potential; support emerging research from genetics to the microbiome; and communicate our work to the communities we serve, expanding science education, appreciation and engagement.

TOP 3

Biological Sciences doctorate programs in the nation (National Research Council)

7TH IN THE NATION

Biology program (*U.S. News & World Report* global rankings)

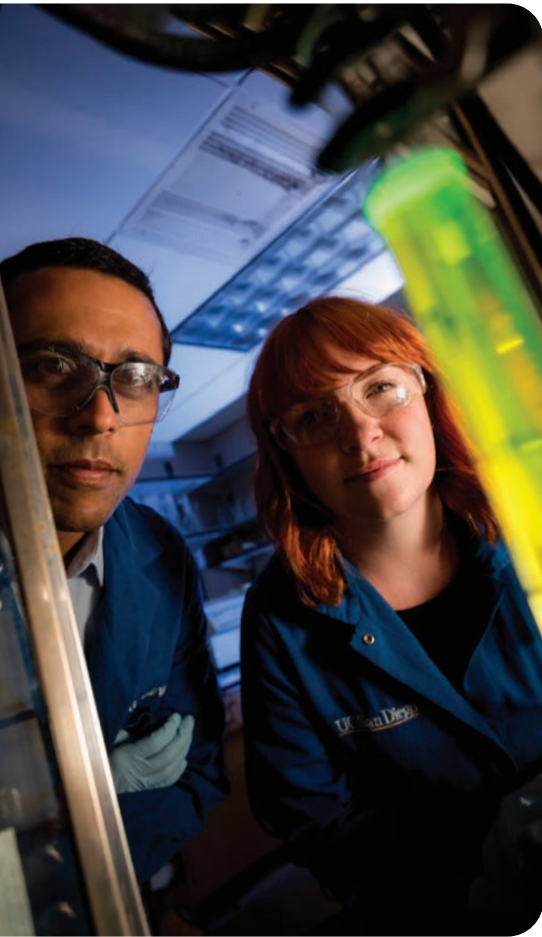
35,000+

Alumni, including three Nobel laureates

6TH IN THE WORLD

Top universities for biomedical sciences (*Nature Index*)

At UC San Diego, we believe that what we don't know today will forever change our tomorrows. Empowered by generosity and fueled by curiosity, we are unafraid to chase the unknown — to ask the questions no one has asked before and to push the boundaries of possibility. Together, we unite diverse people and unconventional perspectives to propel limitless impact. Because we know that when we come together, nothing is beyond us.



Together with your philanthropic support, the School of Biological Sciences can unlock the promise of our people, programs and initiatives.

[Learn more at giving.ucsd.edu.](https://giving.ucsd.edu)

SCHOOL OF BIOLOGICAL SCIENCES PRIORITIES

STUDENT SUPPORT AND SUCCESS

- » **Eureka! Scholars** research scholarships enrich the student experience, making room for study – not work – in the summer months.
- » **Graduate fellowships** nourish the pipeline of scientific leadership for students, strengthening research specialties and playing a critical role in advancing faculty discoveries.
- » The **PATHways to STEM (PATHS) through Enhanced Access and Mentorship** program prepares underserved students to be leaders in STEM.
- » **Diversity initiatives** open doors for students and families from underserved communities and sustain spirited scientific dialogue for the campus community.

OUR CAMPUS AND COMMUNITY

- » In partnership with the School of Physical Sciences and the Department of Theatre, the School of Biological Sciences is cultivating our scientists' skills as public communicators through the **Research Communications Program**, which facilitates science workshops and events and curates ongoing dialogue with the community directly affected by our research.
- » The **Natural Reserve System** gives students and researchers an opportunity to better understand the region's ecological diversity.

RESEARCH AND INNOVATION

- » Our scientists and collaborators utilize **active genetics technology** to push the boundaries of bioscience in support of major challenges from agriculture to health care.
- » The **Center for Plant Biology** will expand our scientific leadership to help feed millions around the world.
- » Working in tandem with UC San Diego School of Medicine, exploring the **microbiome** helps solve mysteries in asthma, diabetes, precision medicine and more.
- » **Neurobiology initiatives** provide faculty and their collaborators across the Torrey Pines Mesa the resources to amplify their research volume to make a difference for people with brain disorders such as Alzheimer's disease or epilepsy.