

## 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 university-wide comprehensive fundraising effort to transform the student experience, our campus, and ultimately the way humanity approaches problems and develops solutions.



# Division of Biological Sciences

## Nonstop Discovery

### Curiosity is in our DNA.

Our founders established an experimental campus, and the Division of Biological Sciences is at the very heart of that nontradition. Our students, faculty, and staff spark scientific breakthroughs every day, dividing their world-class work into four sub-disciplines: Cell and Development 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 breakers 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 division 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*)

### 8th in the nation

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

### 33,000

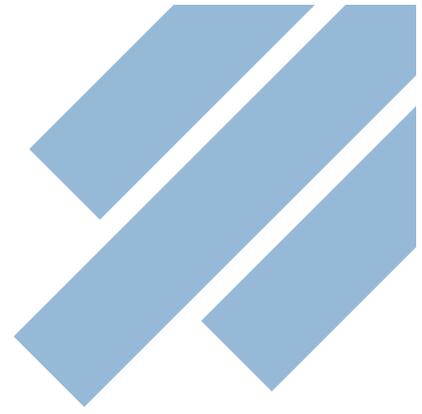
Alumni — three are Nobel laureates

### 13th in the world

Top universities for life and agriculture sciences (*Academic Ranking of World Universities*)

# Continue the nontradition.

# Division of Biological Sciences Priorities



## Enhancing the student experience

- » **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.

## Enriching our campus community

- » In partnership with the Division of Physical Sciences and the Department of Theatre, Biological Sciences will create a **Center for Science Communication** that cultivates our skills as compelling public communicators, 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.
- » **Diversity initiatives** open doors for students and families from underserved communities and sustain spirited scientific dialogue for the campus community.

## Sparking 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 the 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 or epilepsy.

## Help us continue the nontradition.

**With your help**, UC San Diego can make the world's most pressing problems one giant nonissue. We're already making great strides and are on the cusp of life-changing breakthroughs to revolutionize science for the ill, food for the hungry, and fuel for the Earth. Together with your philanthropic support of the **Campaign for UC San Diego**, the Division of Biological Sciences can unlock the promise of our people, programs, and initiatives.

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