

UCI BioSci

THE CASE FOR SUPPORT

***Daring to Transform
What Lies Ahead***

BRILLIANT FUTURE
THE CAMPAIGN FOR **UCI**

Mind – Body – World | Life Interconnected

For most of us, a healthy mind requires a healthy body, which in turn depends on a healthy world. Devastating diseases and rising global temperatures menace this delicate balance. Biologists study the science of life, and it is up to us to find solutions. Achieving this mission means shattering entrenched scientific boundaries and launching daring new lines of inquiry to find solutions never before envisioned. At the UCI School of Biological Sciences, we aspire to nothing less than saving the future, and we ask your help to make it possible.

“I think the biggest innovations of the 21st century will be at the intersection of biology and technology. A new era is beginning.”

- Steve Jobs





BLAZING THE WAY

We have always been **biological mavericks**. When our founders established the School **five decades ago**, they broke away from standard academic practice. They designed BioSci as a **collaborative entity** whose departments examine the links between **mind, body and world** health. This unprecedented approach began leading to **major discoveries**, spurring other institutions to emulate us.

The time has again come to **shake up traditional approaches**. Through **adventurous science**, we have hope of overcoming climate change, dementia, cancer, obesity and other scourges confronting us, **our children and generations beyond**.

Your generosity will power this mission by...

Encouraging the Risk-Takers

Private support has sparked many of the greatest breakthroughs, permitting researchers to take risks that would be impossible otherwise. Your generosity will help establish two new key initiatives:

- VISIONARY RESEARCH GRANTS: These one-time grants will put the latest technology into our researchers' hands so they can pursue far-thinking lines of inquiry.
- BIOSCI BIG IDEA AWARDS: Four annual awards will enable creative thinkers to take big risks and make surprising findings, better positioning them to secure further funding from traditional sources.



Propelling Discovery with World-Class Teams

At UCI BioSci, we put together world-class teams to tackle compelling modern issues such as Alzheimer's, cancer, complex environmental challenges, and to unleash the power of stem cells, big data, and much more. Please help bring more new ideas and diverse perspectives for shaping the future by supporting:

- **THE SEASONED WINNERS:** Recognize, reward and further the work of visionaries whose research is currently moving our mission forward. We seek to establish five endowed chairs for new areas of inquiry into the most crucial issues.
- **THE EXCEPTIONAL ROOKIES:** Power discovery for the next generation by recruiting the best young talent embarking on their careers, whose excitement about improving the future matches ours. We plan to bring eight of the most promising life scientists to our team over the next five years.





*“Why should anyone care about biology?
I would argue **there is nothing more important
than the study of life.**”*

– Dean Frank M. LaFerla, Ph.D., UCI School of Biological Sciences

A photograph of two scientists in a laboratory. An older man with grey hair and glasses, wearing a white lab coat, is looking down at a piece of equipment. A younger man with dark hair, also in a white lab coat, is looking at a tablet computer. The background shows laboratory shelves with various bottles and equipment. A colorful, wavy graphic element is visible in the bottom right corner.

*“I contribute because **UCI BioSci** not only trains future scientists and healthcare providers, but also **inspires dreamers and innovators.**”*

– Mona Hanouni, M.D., B.S. '03

Cultivating Emerging Scientists

Graduate students serve the crucial role of carrying the torch forward. Help us develop more biologists capable of improving mind, body and world health by contributing to:

- BIOSCI'S GRADUATE FELLOWS PROGRAM, enabling us to fully fund the education of ten graduate students from diverse backgrounds.
- SPECIALIZED TRAINING PROGRAMS, awarding grants to ten emerging researchers seeking additional specialization. This experience will broaden their expertise and ability to make a great impact on science.
- GRADUATE PROFESSIONAL SUCCESS PROGRAM, providing real world communication, teamwork and leadership skills to develop the life science professionals urgently needed to spearhead advances in the biomedical field.





Biology for the 21st Century: Enhancing the Student Experience

Today's undergraduates are learning amid a seismic shift in biological research. Life science has moved from a solitary pursuit in a single lab to a global endeavor. It requires diverse insights and collective energy. Help encourage excellence and team science by supporting:

- ENHANCED ACADEMIC SUCCESS EXPERIENCE, or EASE, which is our program to ensure undergraduates who enter with life science dreams realize those ambitions. EASE empowers students who arrive with varying levels of science education to achieve their goals through proven peer-support networks.





- UNDERGRADUATE RESEARCH EXCELLENCE AWARDS, that will annually recognize 10 students who have embraced our Bio199 program, dedicating scores of hours to hands-on lab, clinical and field investigations.
- DEAN'S SCHOLARSHIPS, to be awarded to 5 rising seniors each year, will further inspire undergraduates who have displayed extraordinary zest and commitment to the life sciences.
- ACTIVELY BUILDING COLLABORATION at BioSci (ABC@BioSci), is our new initiative to formally incorporate teamwork as a cultural component at the undergraduate level. ABC@BioSci will expand upon current programs such as BioSci Mentors, peer-tutored study groups and guest speaker series to provide collaborative skills crucial to biology for the future.





***“Your education here will launch you on the path of your dreams.
It will also prepare you to help shape a better world.”***

Welcome message to BioSci students

– Raju Metherate, Ph.D., UCI BioSci Associate Dean of Undergraduate Education



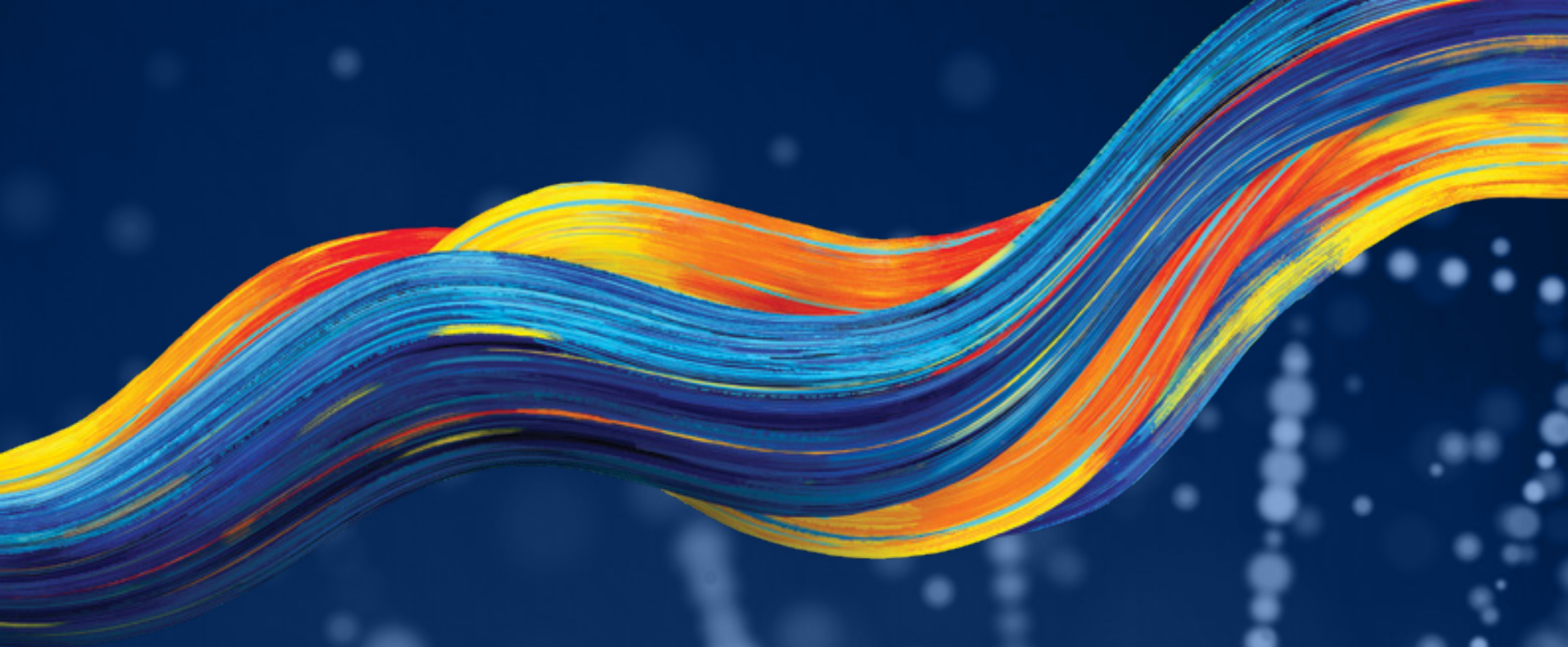




***Please support the people and programs
vital to a brilliant future.***

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