

UCI BioSci

THE CASE FOR SUPPORT

**Empowering Biology
to Save the Future**
Mind | Body | World

BRILLIANT FUTURE
THE CAMPAIGN FOR **UCI**



“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



INNOVATION HAS NEVER MATTERED MORE

Everything in our world begins with life. And life is interconnected. For most of us, a healthy mind requires a healthy body, which in turn requires a healthy world. With our brains and physical beings menaced by devastating diseases and global temperatures rising, the need for innovative biology has never been more urgent.

Solving these challenges and threats necessitates going beyond the norm. At the UC Irvine School of Biological Sciences, we strive to shatter entrenched scientific boundaries and launch daring new lines of inquiry to find answers never before envisioned.

BLAZING THE WAY

When our founders broke ground for the School five decades ago, they pioneered a new strategic approach to biological research. Contrary to traditional academic practice, they established our School as a collaborative entity whose departments examine the links between mind, body and world health. This innovative model has led to major discoveries in the life sciences. Other institutions saw the impact of what we were doing and began following suit.

ACTING NOW TO SAVE THE FUTURE

With the health of our minds, bodies and world linked, innovation is imperative. Climate change, dementia, cancer, obesity and more – we must move quickly to break down further scientific barriers and launch adventurous new areas of discovery to ensure a healthy future for ourselves, our children and generations beyond.



Your Generosity will power this mission by:

ENCOURAGING THE RISK-TAKERS

Private support has sparked many of the greatest world-changing breakthroughs. These funds permit researchers to take risks that would be impossible otherwise. Your generosity will help establish two new key initiatives:

- VISIONARY RESEARCH GRANTS: Faculty will be able to employ the latest technology crucial for pursuing far-thinking lines of inquiry through this program of one-time grants.
- BIOSCI BIG IDEA AWARDS: These four annual awards will allow creative thinkers to take big risks and make novel discoveries in the life sciences, 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 unleash the power of stem cells, big data, and much more. As the human and global threats mount, 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 expand our scope into new areas of inquiry into the most crucial issues facing life on our planet by establishing five endowed chairs.
- 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 top new life scientists to our team over the next five years.



*“Our greatest weakness lies in giving up.
The most certain way to succeed is
always to **try just one more time.**”*

– Thomas A. Edison



***“We live in a society
exquisitely dependent on
science and technology,
in which hardly anyone
knows anything about
science and technology.”***

- Carl Sagan



Cultivating **emerging scientists.**

Given how fast the world is changing, we need graduate students to carry the torch forward. They must have the very best life sciences research experience and education, along with training in leadership skills and innovative scientific approaches. Help us develop more biologists capable of improving mind, body and world health by contributing to:

- BIOSCI'S GRADUATE FELLOWS PROGRAM, to enable us to fully fund the education of 10 graduate students from diverse backgrounds.
- SPECIALIZED TRAINING PROGRAMS, to award grants to 10 emerging researchers seeking additional specialization. This experience will broaden their expertise and ability to make a great impact on science.
- GRADUATE PROFESSIONAL SUCCESS PROGRAM, which provides real world communication, teamwork and leadership skills to develop the life science professionals urgently needed to spearhead advances in the biomedical field.

Today's undergraduates are coming of age amid a seismic shift in biological research. Life science is no longer a solitary pursuit in a single lab. It is a global endeavor, requiring diverse insights and collective energy. Help encourage excellence and team science by supporting:

- ENHANCED ACADEMIC SUCCESS EXPERIENCE, (aka EASE), our program to ensure undergraduates who arrive here with life science dreams are able to realize those ambitions. As students enter with varying levels of science education, EASE empowers them to achieve their goals through proven peer-support networks.

- UNDERGRADUATE RESEARCH EXCELLENCE AWARDS to 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, awarded to five rising seniors each year, to further inspire undergraduates who have displayed extraordinary zest and commitment to the life sciences.

- ACTIVELY BUILDING COLLABORATION at BioSci, known as ABC@BioSci, is our new initiative to formally incorporate teamwork as a cultural component at the undergraduate level. With life sciences now a collaborative enterprise, it's crucial to shape the student experience to embody this approach. ABC@BioSci will expand upon current programs such as BioSci Mentors, peer-tutored study groups and guest-lecturer speaker series to provide skills crucial to biology for the future. In supporting ABC@BioSci, you will help us build a model other schools are sure to follow.

*Our biologists seek to **discover the living world** in each of its vibrant dimensions and to solve the grand challenges facing the interconnected health of the mind, body and world.*

– Frank M. LaFerla, PhD

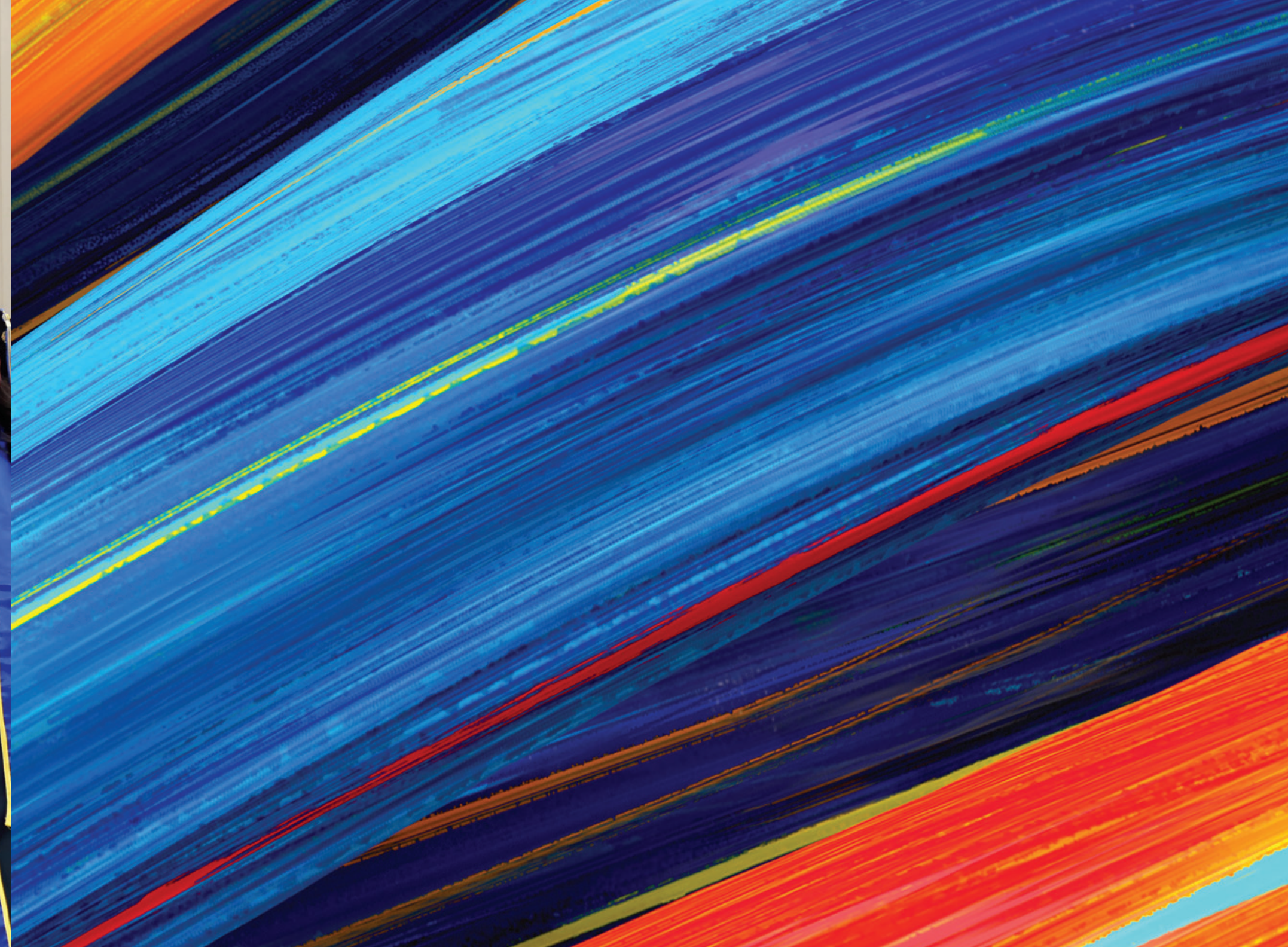




Biology for the 21st Century:

Enhancing the Student Experience







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