

# The UC Davis Coastal and Marine Sciences Institute

*DISCOVERY, INNOVATION AND EDUCATION FOR THE HEALTH OF OUR COASTS*



How do we safeguard the areas where 70% of Californians live against the threats of climate change? What can we do to protect the sites that generate \$787 billion in annual wages and \$2 trillion of gross domestic product for our state? How do we sustain, restore and manage one of the most diverse, productive and iconic coastal systems in the world?

Securing a healthier, more sustainable future for everyone—where biodiversity flourishes, economies prosper and food is in abundant supply—begins with knowledge and education.

At the UC Davis Coastal and Marine Sciences Institute (CMSI) and our Bodega Marine Laboratory, we empower students, researchers and diverse communities across California to answer these questions by focusing on the well-being of some of our planet's most important ecosystems.

To meet today's urgent challenges, we are:

- Developing sustainable solutions through multidisciplinary research
- Providing immersive, hands-on educational experiences to tomorrow's leaders
- Translating science into action with meaningful community outreach and public engagement

With the partnership of those who share our vision, CMSI will be able to conserve and extend the vitality of coastal regions for generations to come. Together, we can reimagine a more sustainable relationship with our planet—on land and in the water, and for all who treasure our coasts.

## An Invitation

We invite you to join us in realizing our vision for the future of coastal and marine science research and education. Private support is critical to fueling our cutting-edge discoveries, preparing the next generation of environmental stewards, and ensuring our coastal ecosystems thrive for centuries.

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## Coastal Expertise With Broad Impact

Since our establishment in 2013, CMSI has extended UC Davis' impact as a leader in environmental and economic sustainability from the Sierra to the sea.

Monitoring the health of kelp forests and seagrass meadows, uncovering what makes abalone and oysters resilient to climate change, using gene-editing technology to identify endangered species—we are addressing the most pressing challenges facing our coasts. CMSI brings together researchers from the full spectrum of the social and natural sciences to share discoveries, inform policy, and support private and public stakeholders in California and across the world.

At the heart of everything we do is a commitment to education. Through experiential learning programs for undergraduates, graduate student research opportunities and training, and public engagement activities for all ages, we're preparing the next generation of scientists, leaders and ocean stewards to collaboratively innovate for a more sustainable future.

We invite you to partner with us to elevate our international leadership in coastal sustainability research and education. Your philanthropic support will play a vital role in expanding the reach of our efforts locally and globally—creating healthier, more resilient coastal communities that benefit us all.



## The Philanthropic Opportunities

**Build the Bodega Learning, Conference and Housing Center, a net-zero-energy facility that will catalyze global scientific exchange, host students and visiting researchers, and inspire the public**

**Fund cutting-edge research in the areas of climate and environmental change, especially sustainable food, to support the management of our coasts and oceans**

**Invest in professional development opportunities for early career scientists as they forge their own research paths, build their networks and hone their skills as mentors and educators**

**Enrich undergraduate education by providing our diverse student population with greater access to immersive experiential learning programs**

