Sustainable Marine Resources Initiative (SMRI): Future of Food from the Sea

As part of the multi-unit SMRI to promote global leadership in sustainable marine fisheries and aquaculture, UC Davis will be hiring five positions to advance an integrated program of research, education and outreach in multiple disciplines.

CLUSTER POSITIONS

Quantitative Fisheries Management
Dept.: Wildlife, Fish & Conservation Biology
Location: UC Davis Campus
Open: Fall 2017

Marine Aquaculture Science
Dept.: Medicine & Epidemiology
Location: Bodega Marine Laboratory
Open: Fall 2017

Marine Resource Economics
Dept.: Agricultural & Resource Economics; Environmental Science & Policy
Location: UC Davis Campus
Open: Fall 2017

Marine Environmental Toxicology*
Dept.: Environmental Toxicology
Location: Bodega Marine Laboratory
Open: Fall 2017

Marine Fisheries Conservation*
Dept.: Wildlife, Fish & Conservation Biology
Location: Bodega Marine Laboratory
Open: Fall 2018

*positions jointly funded by the College of Agricultural and Environmental Sciences and NOAA’s California Sea Grant

GOAL

The SMRI will catalyze UC Davis leadership in sustainable management of food from the sea by:

- Unifying, leveraging and extending existing research expertise
- Developing comprehensive academic programs
- Integrating cross-cutting research, educational, and outreach activities

RESEARCH UNITS

Faculty from the following departments are involved in developing and guiding the SMRI:

COLLEGE OF AG. & ENV. SCIENCES
- Agricultural & Resource Economics
- Animal Science
- Environmental Science & Policy
- Wildlife, Fish & Conservation Biology

COLLEGE OF BIOLOGICAL SCIENCES
- Evolution & Ecology
- COLLEGE OF BIOLOGICAL SCIENCES
- Evolution & Ecology

COLLEGE OF LETTERS & SCIENCE
- Earth & Planetary Sciences
- SCHOOL OF VETERINARY MEDICINE
- Dept. of Medicine & Epidemiology

POTENTIAL CENTERS, DIVISION & RESEARCH UNITS

- Bodega Marine Laboratory
- CA Animal Health and Food Safety Laboratory
- Coastal and Marine Sciences Institute
- Center for Aquatic Biology and Aquaculture
- Center for Watershed Sciences
- Data Science Initiative
- Division of Agriculture and Natural Resources
- John Muir Institute of the Environment
- One Health Institute
- UCGHI Planetary Health Center of Expertise
- World Food Center

TRAINING

The faculty positions would play a central role in substantially augmenting teaching and research opportunities for students in several undergraduate majors and graduate groups at UC Davis.

UNDERGRADUATE MAJORS
- Animal Science
- Environmental Policy Analysis and Planning
- Environmental Science & Management
- Environmental Toxicology
- Evolution, Ecology & Biodiversity
- Managerial Economics
- Marine & Coastal Science
- Wildlife, Fish & Conservation Biology

GRADUATE GROUPS
- Agricultural & Resource Economics
- Animal Biology
- Ecology
- Epidemiology
- Integrative Pathobiology
- Pharmacology & Toxicology
- Population Biology

Additionally these new positions will have the opportunity to participate in the new NSF supported interdisciplinary graduate training program in Sustainable Oceans: From Policy to Science to Decisions.

OUTREACH

The positions are expected to develop and participate in cross-cutting outreach/engagement programs and public service. In the case of jointly Sea Grant funded positions, this includes research, education and outreach programs relevant to the mission of NOAA’s California Sea Grant.