



**FIU**

Center for  
Aquatic Chemistry  
and Environment

NSF Center of Research Excellence  
in Science and Technology

FLORIDA INTERNATIONAL UNIVERSITY

# CREST CENTER FOR AQUATIC CHEMISTRY AND ENVIRONMENT

## GRADUATE RESEARCH FELLOWSHIPS

CREST CAChE supports interdisciplinary research projects across 10 departments and 4 colleges at the University, from Biology and Chemistry to Computer Science, Engineering, and Architecture. CREST graduate fellows will participate in regular center-wide student meetings that will address professional development and convergent topical discussions.

- **Novel Environmental Stressor Detection:** Using advanced analytical technology and methodologies to detect low levels of emerging and novel chemical stressors.
- **Multi-Level Organismal Impacts:** Addressing the effects of stressors across biological scales, including epigenetic, cellular, physiological, and behavioral.
- **Integrated Ecosystem Assessment:** Characterizing impacts at the population, community, and ecosystem levels, while developing models and interventions to enhance ecosystem services.
- **Education and Innovation:** Studying the impacts of discipline-based educational methods and innovative tools such as robotics, big-data analytics, virtual reality, and artificial intelligence.

Prospective graduate students are instructed to review the list of CREST faculty mentors on the Center's website ([CRESTCACHE.fiu.edu](http://CRESTCACHE.fiu.edu)) and apply to the faculty member's appropriate department deadline. Competitive, full 12-month fellowships are available.

*US Citizenship or permanent residency is required.*

Direct any inquiries to [CRESTCACHE@fiu.edu](mailto:CRESTCACHE@fiu.edu)  
or call 305-348-3594.

