What can first-year students expect in the Microbiology & Environmental Toxicology Graduate Program?
Students are expected to take four courses within the department, one additional approved graduate-level course within or outside the department, and any additional courses determined by their first year advising committee. Students write a literature review of the current state of the field of their proposed dissertation research, under direction of the student’s adviser. This written review will be submitted to the student’s adviser no later than the first day of fall quarter of the students second year.

Do you have any diversity fellowships or other opportunities specific to your program?
Our department can nominate students to the Cota Robles Fellowship upon admission to the program.

What salary (on top of tuition and fees) do first-year Graduate Student Researchers in your program earn?
Our GSR’s are paid at Step 8, or $2,456.50/month

When are graduate applications due for your program?
December 1st.

Who can I contact for more information?
Allyson Ramage, Graduate Program Coordinator
(831) 459-4719, metxadmin@ucsc.edu

http://www.metx.ucsc.edu/academics/graduate
Microbiology & Environmental Toxicology Faculty

Victoria Auerbuch Stone Interactions between the pathogen Yersinia pseudotuberculosis and the innate immune system

Manel Camps Molecular mechanisms of reactive DNA methylation toxicity

A. Russell Flegal Anthropogenic perturbations of biogeochemical cycles, applications of isotopic tracers in anthropology and archaeology

Karen Ottemann Environmental responses of pathogenic bacteria

Chad Saltikov Microbial anaerobic respiratory processes that influence the biotransformation of pollutants in the environment

Donald Smith Neurotoxicity, cellular and organismal responses to environmental toxins

Fitnat Yildiz Microbiology, molecular genetics, genomics; the mechanism of persistence of survival of Vibrio cholerae

Affiliated Faculty Who Sponsor METX Students

Roberto Bogomolni (Chemistry and Biochemistry) Biophysical chemistry, photobiology, light energy conversion and signal transduction in biological systems

Adina Paytan Research Scientist, Institute of Marine Sciences Biogeochemistry, paleoceanography, environmental and aquatic chemistry

Jonathan Zehr (Ocean Sciences) Aquatic microbial ecology, biological oceanography

Adjunct Faculty

Myra Finkelstein Human impacts to wildlife with an emphasis on contaminant-induced effects.

Ron Oremland Works in hypersaline/alkaline soda lakes located in Western Nevada and Eastern California to study rich toxic elements.

Lynn Rothschild Astrobiology research at NASA AMES.