

Research Technician – Ecotoxicology Program at Mote Marine Lab

Description

Job Description – The Ecotoxicology Research Program at Mote Marine Laboratory is seeking a full-time Research Technician to join our team. We investigate effects of environmental pollutants and bioactive compounds on marine wildlife, marine ecosystems, and human health using the tools of analytical chemistry, exposure science, toxicology, and molecular biology. Current projects involve monitoring contaminants in the environment, understanding how contaminants affect animal, human, and ecosystem health, exploring ways to mitigate harm caused by toxic substances, and investigating bioactive compounds for their ability to bind therapeutic targets. Key topics of research include harmful algae bloom toxicity and mitigation; sources and fate of chemicals in water, air, and organisms; and mechanisms of action of harmful substances on cells and organisms. Work will involve a broad range of research projects encompassing controlled laboratory conditions as well as natural field studies.

Responsibilities – Required skills/knowledge: General lab safety
Experience with protocol development and optimization
Proficiency with pipetting, calculating dilutions/doses
Experience with statistical analyses and data interpretation using Excel and other software
Experience with molecular biology including protein extraction, DNA extraction, and/or real-time PCR
Exceptional time management, troubleshooting, and organizational skills
Ability to be an adaptable and collegial member of the team, self-motivated, and complete assigned tasks in a timely manner. Physically able to lift 50 pounds and remain standing/walking for multiple hours a day.
Preferred qualifications: Experience with chemical extraction techniques. Experience with mammalian cell culture and cytotoxicity assays. Experience with analytical and semi-preparative HPLC, HRMS, or MS/MS. Experience working with hazardous materials

Qualifications – Minimum qualifications: Education – Bachelor's degree in Biology, Chemistry, Marine Science or related field, Experience – Employment, internship, or a substantial amount of volunteer hours in a research laboratory or related institution is required.

Website – <https://mote.org/about/employment-opportunities/>

Contact – Kirstie Francis, kfrancis@mote.org

Post End Date – 12/01/2025

Hiring organization

Mote Marine Lab, Sarasota, FL; <https://mote.org/about/employment-opportunities/>

Date posted

July 29, 2025