

## **Marine Sciences: Research Assistant Professor Position**

The University of South Alabama's Department of Marine Sciences invites applications for a non-tenure- track, full-time (9-month), one-year-only Research Assistant Professor position, starting January 15, 2021. The successful applicant will work with the research team of Dr. Alison Robertson. Primary responsibilities include pursuing research, seeking extramural funding and generating knowledge in the forms of peer reviewed publications, intellectual property, and technology transfer.

**Required:** Ph.D. in Marine Sciences or a related field and a minimum of two years post-doctoral research experience with a track record of peer-reviewed publications. Also requires successful completion of a background check.

**Essential duties and responsibilities:** Conduct research on NIH and NSF grants in the fields of metabolomics and exposomics. Work with the Robertson-lab team in designing and implementing new experimental approaches to evaluate the role and mechanisms of novel marine natural products and secondary metabolites from marine biota. Conduct scientific research on the prevalence, distribution, and environmental drivers of harmful algal blooms along the marine-freshwater continuum, experience in research coordination and field sampling logistics on a regional scale and ability to act as chief scientist in field campaigns. The successful applicant will have a strong biochemistry and physiology background to conduct research linking the chemical diversity of algal secondary metabolites to the biological diversity in coastal and reef ecosystems. Participate in preparing manuscripts, scientific presentations, and grant proposals. This position will have opportunities to apply for external funding as a Co-PI or co- investigator, mentor graduate and undergraduate students and participate in the Department and College service programs. Plan and execute funded research; compose and present original research at conferences; independently design and set up laboratory experiments/tests, utilizing a range of established and novel methods, procedures, and techniques (e.g., metabolomics, proteomics, analytical chemistry, etc.); identify, troubleshoot, and correct or recommend solutions to problems associated with experimental design, procedures, equipment, and facilities; As necessary, develop and/or implement new or modified research methods, procedures, and techniques to meet the unique requirements of funded research. Support, manage, and adhere to laboratory standard operating procedures to ensure Good Laboratory Practices (GLP), including careful documentation and protocol adherence.

The successful candidate will demonstrate a commitment to diversity, inclusion, and cultural awareness through actions, interactions, and communications with others.

To apply, send vita, cover letter, and research statement, and arrange to have sent three original, signed letters of recommendation and official transcripts from all colleges/universities attended to:

Dr. Alison Robertson  
Chair, Search  
Committee  
Department of Marine  
Sciences Life Sciences  
Building Room 25  
University of South  
Alabama Mobile, Alabama  
36688-0002

Review of applications will begin December 12, 2020, and will continue until the position is filled.

**The University of South Alabama is an EO/AA employer and does not discriminate on the basis of race, color, national origin, sex (including pregnancy, sexual orientation, gender identity and gender expression), religion, age, genetic information, disability, or protected veteran status.**