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Tropical Research and Education Center

Ph.D. Position in Biogeochemistry along the Freshwater-Marine Continuum

Two Ph.D. Research Assistantships at The University of Florida are available to study the sources and fates of nitrogen along the fresh-water marine continuum, including the role of shellfish in removing nitrogen and improving water quality. Students will be co-advised by Drs. Ashley Smyth and A.J. Reisinger and be part of UF's Soil & Water Sciences Department in Gainesville, FL and the Tropical Research and Education Center in Homestead, FL. The students will join an interdisciplinary project with a team of graduate students and PI's from Fisheries and Aquatic Sciences, Mechanical and Aerospace Engineering, and Environmental Engineering Sciences. Students will work closely with the Guana Tolomato Matanzas National Estuarine Research Reserve (GTM NERR) research and education team.

Applicants from various backgrounds will be considered, including environmental science, biology, chemistry, ecology, or related disciplines. Experience in aquatic and coastal ecosystems and analytical chemistry is preferred. Applicants from under-served groups in STEM are strongly encouraged to apply. Preference will be given to students that have completed an M.S. degree by the project start date. Students can apply to either the Soil & Water Sciences Department or the Interdisciplinary Ecology Program in The School of Natural Resources and Environment. A competitive stipend, benefits, and tuition waiver will be provided throughout the project. The expected start date is summer or fall 2021.

Interested candidates should contact Dr. Ashley Smyth (ashley.smyth@ufl.edu) with a CV and brief statement of research experiences and interests using "Research Assistantship" as the subject header. Application packets are due January 1, 2021 for fall admission. Application instructions can be found at soils.ifas.ufl.edu/academics/graduate-studies/apply or https://snre.ifas.ufl.edu/academics/graduate/how-to-apply/how-to-apply-graduate/. Note, there is no GRE requirement for Fall 2021 admission.