Ph.D. position studying restoration of cyanobacterial mats on wind tidal flats at Texas A&M University-Corpus Christi

A Ph.D. position is available at the Coastal Conservation and Restoration Ecology Lab at the Harte Research Institute for Gulf of Mexico Studies with Dr. Jennifer Pollack and Dr. Kim Withers to lead research on the topic of restoration of cyanobacterial mats in wind tidal flat ecosystems. The position is available for a Fall 2023 (with possibility of Summer 2023) start. This project will involve: 1) developing and testing methods for stabilizing and restoring elevation in the field, 2) evaluating methods for growing cyanobacterial mats in mesocosms in the laboratory/greenhouse, and 3) combining the best methods for stabilizing and restoring elevation and growing cyanobacterial mats in field experiments. The student will join a hard-working team that is focused on providing science to support resource management and conservation efforts and improve sustainability of coastal ecosystems. This work will be based in south Texas estuaries. Strong candidates will have experience working independently in challenging conditions, managing field sampling operations, collecting and analyzing data, and communicating with diverse audiences. Students may choose to apply through the Marine Biology (http://sci.tamucc.edu/LSCI/MARB/) or Coastal and Marine System Science (http://sci.tamucc.edu/PENS/CMSS/) graduate programs at Texas A&M University-Corpus Christi.

Texas A&M University-Corpus Christi is a Hispanic Serving Institution. We particularly encourage applications from students from underrepresented groups. Students with an M.S. degree or equivalent experience are preferred. The position includes stipend, tuition, and benefits.

Competitive applicants are encouraged to email Jennifer Pollack by November 30, 2022 with a cover letter and CV.

Contact information:
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