Graduate Student needed for project studying human disturbances in sand shoal habitats

MS Research Assistantship- Starting June 2021

The Roberts Lab at the Louisiana Universities Marine Consortium (LUMCON) (https://lumcon.edu/broberts/) and the Nelson lab at the University of Louisiana Lafayette (ULL) (https://www.nelsonecolab.net/) are seeking a highly motivated, enthusiastic, and organized individual to study the relationship of human disturbance to ecosystem services in offshore sand shoal habitats in coastal Louisiana. The student will join an interdisciplinary team of researchers from LUMCON, ULL, LSU, and VIMS as part of a multi-year project funded by the Bureau of Ocean Energy Management (BOEM) that is examining the responses of ecological function of biological communities to dredging on Ship Shoal, located just off the coast of Louisiana. The graduate student will be enrolled in the Department of Biology at ULL (https://biology.louisiana.edu/) where they will be co-advised by Drs. Roberts and Nelson. The Nelson and Roberts labs conduct interdisciplinary research in coastal ecosystems using a variety of techniques including field surveys, experimental approaches, biogeochemical analyses, stable isotope analysis, mathematical modeling, and remote sensing. The student will work primarily under the supervision of Dr. Roberts on the response of sediment biogeochemistry and primary production to dredging with a thesis focused on these topics and/or their linkages to other aspects of the overall project. More information on the project and the Roberts lab’s role in it can be found at https://robertsresearchlab.weebly.com/ship-shoal.html. Additional information about the project can be found below.

Interested candidates should email a C.V., contact information for 3 references, and brief statement of interest with the subject "Ship Shoal grad student" to broberts@lumcon.edu.