Graduate Assistantships in Microbial Ecology at Texas A&M University-Corpus Christi

The Reese Geomicrobiology Lab at Texas A&M University-Corpus Christi is seeking M.S. or Ph.D. students in molecular microbial ecology and biogeochemistry to study 1) interactions between methanogenesis and methanotrophy in a coastal mangrove wetland along the Texas coast; and 2) microbial succession within the sediment and water column as a result of Hurricane Harvey. These recently funded projects will combine field observations, laboratory manipulations, and molecular analysis. The results will be placed in the context of the biota including benthic ecology and faunal distribution. This is a unique opportunity to study the effects of mangrove expansion on carbon cycling in a protected area.

Qualifications:

- Potential students should be self-motivated and able to work both independently and as part of a collaborative research team.

- B.S. or M.S. in Biology, Biochemistry, Environmental science, or related fields

- Experience in fieldwork and sample collection is preferred, but not necessary

Funding:

The positions will be supported by recently funded grants, but teaching assistantships are available. The student will have the option to matriculate through the Marine Biology program (http://sci.tamucc.edu/LSCI/MARB/) or the Coastal & Marine System Science program (http://sci.tamucc.edu/PENS/CMSS/index.html).

Interested candidates should contact Dr. Brandi Kiel Reese (brandi.reese@tamucc.edu) and provide 1) a brief cover letter describing their professional background, relevant research experience and interests, career goals, and reasons for seeking an M.S. degree, 2) a current curriculum vitae/resume, 3) names and contact information for three references, 4) an unofficial copy of transcripts, and 5) GRE scores. Applications will be reviewed as soon as they are received, but application deadline for the program is December 1, 2017. More information about the Reese Geomicrobiology Lab can be found at reeselab.tamucc.edu.

Contact Information:
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