

Graduate student needed for research in Puerto Rico

Dr. Michael Martinez-Colon, assistant professor in the School of the Environment at Florida A&M University (FAMU) in Tallahassee-FL, is seeking a graduate student (preferably PhD) to begin in Spring 2018 (preferably) or Summer 2018.

Research will focus on the application of benthic foraminifera as bioindicators of water quality in coral reefs from Puerto Rico. The main purpose is to implement the FORAM Index as part of the coral reef monitoring efforts at Jobos Bay (National Estuarine Research Reserve).

The student will conduct field work at one or more reefs in Jobos Bay. In addition, the student will be engaged in the following activities:

- should be able to swim
- diving (if student is not certified, funding is available for Open Water SCUBA certification)
- sediment sampling
- water column sampling
- TOC, TN, TP, NO₃, NO₂, PO₃ analysis
- microscope work
- foraminiferal ecology
- statistics

Preferable, applicants should have a background in any of the following: ecology, biology, environmental science, geology, marine science, and field work. Applicants should be highly motivated and prepared to conduct independent field and laboratory research.

Full applications to FAMU's Graduate School are due on November 1 (begin in Spring 2018) or March 1 (begin Summer 2018). However, interested applicants should initially contact Dr. Martinez-Colon (michael.martinez@famu.edu) in advance of the deadline. Include the following: CV, unofficial transcript, and a brief statement that describes your interest in the position. Please include questions you have about the research, etc. Applicants are strongly encouraged to first peruse the lab website and publications prior to contact (<http://www.foramlaboratory.com>).

The position comes with a full tuition waiver, a competitive 12 month stipend, and health insurance provided by FAMU. Funding for field work, sample analysis, travel, lodging, etc. will be provided by Dr. Martinez-Colon's funded project. Funding for summer field work expenses and conference attendance is available.

Michael Martínez-Colón, PhD
Assistant Professor

School of the Environment

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www.foramlaboratory.com ; www.famu.edu/soe/martinez

"Providing opportunities for students to achieve their goals in Science"

google scholar: <http://scholar.google.com/citations?hl=en&user=mFmn3qcAAAAJ>

linkedin: <https://www.linkedin.com/in/mmartinezcolon>

research gate: https://www.researchgate.net/profile/Michael_Martinez-Colon

Research Advisory Committee- Jobos Bay Ntnl. Estuarine Research Reserve in Puerto Rico

<http://drna.pr.gov/jbnerr/>

Advisory Board Member- Savannah River Environmental Sciences Field Station

<http://www.cnrt.scsu.edu/fieldstation/>

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www.rockdetective.org

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