



The University of Georgia

Department of Marine Sciences
School of Marine Programs

Biogeochemistry and Microbial Molecular Ecology Research Positions

Job Description:

The Joye Group at the University of Georgia invites applications for two postdoctoral researchers and a graduate student in the areas of extreme biogeochemistry and molecular microbial ecology. The selected individuals will employ biogeochemical and molecular tools to characterize brine and oil-influenced habitats in Antarctica (former) and the Gulf of Mexico (latter).

Duties:

The selected individuals will characterize habitats using a range of geochemical techniques, quantify rates of microbial activity using radiotracer and stable isotopic approaches, and determine microbial community structure using techniques such as FISH, CARD-FISH, MICRO-FISH, and SIP. Interested candidates should be highly motivated, organized, independent, and have extensive experience using the tools of biogeochemistry and/or molecular microbiology. *The projects supporting these positions require 1-2 months per year at sea or in the field.*

Minimum Qualifications:

Applicants should have a PhD in oceanography, microbial ecology, or biogeochemistry. S/he must have a solid publication record that illustrates his/her ability to conduct novel, independent research. Outstanding written and verbal communication skills and the ability to work both independently and as part of a group are necessary.

Appointment and Application:

The post doctoral positions are funded by extramural research grants; salary will be commensurate with experience and the appointment is limited (initially for 1 year and renewable for up to three years). The PhD position is also grant-funded and includes benefits and a tuition waiver. Applicants for the positions should send a curriculum vitae, a statement of research interests and career goals, and the names and addresses of three academic references to: Dr. Mandy Joye, Department of Marine Sciences, University of Georgia, Athens GA 30602-3636; e-mail: mjoye@uga.edu; tel: +1-706-542-5893. Applications received by December 15, 2011 will receive full consideration.