

Postdoctoral Research Associate in Aquatic Biogeochemistry, University of Florida

The Department of Geological Sciences at the University of Florida has an opening for a full-time postdoctoral associate. The position requires a PhD in Oceanography, Marine Science, Aquatic Chemistry, Marine Organic Geochemistry, or similar field obtained within the last 3 years and expertise in the application of isotopic and chemical biomarker techniques, with specific emphasis on the use of GC-MS and HPLC-MS.

The successful applicant will in part, join an exciting new NASA-funded study of dissolved organic carbon cycling dynamics in Gulf estuaries. We will be combining chemical and optical biomarkers that can deconvolve wetland and riverine DOM sources, along with optical measurements relatable to remote sensing observations. We propose using dissolved lignin-phenols, compound-specific isotope analysis (CSIA) of selected lignin-phenols, and bulk carbon stable isotopes ($\delta^{13}\text{C}$) as chemical biomarkers of terrestrial DOM. Highly motivated candidates with strong analytical skills chemical biomarker and isotopic techniques are encouraged to apply and to incorporate their interests into the project. Demonstrated experience in the GC-MS and HPLC-MS analyses will be emphasized. A demonstrated record of publishing in peer-reviewed journals is required.

The post-doc will work closely and under the direction of Dr. Thomas S. Bianchi. The position is for 24 months, beginning as soon as it can be filled with the possibility of renewal pending funding.

Applications should be submitted by email as a single pdf to Dr. Thomas S. Bianchi (tbianchi@ufl.edu) and include: CV, publication list, statement of research interests, one-page summary of Ph.D. thesis, minimum of three letters of recommendation and statement of immigration status of non-citizens. Review of applications will begin immediately and the position will remain open until filled.

The University of Florida is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. www.alex-design.fr