

The Ocean Acidification Program at Mote Marine Laboratory seeks a staff chemist/lab manager with a minimum of 2 years of experience in carbonate chemistry, including experimental seawater ocean acidification facilities. This position will be located in Sarasota, Florida at the Mote Marine Laboratory main campus and will report directly to the Ocean Acidification Program Manager, Dr. Emily R. Hall. General duties to be performed include working with the indoor research-focused acidification experimental system OASys (Ocean Acidification System), coastal and marine field work, and laboratory analyses. This includes sample collection, monitoring, and analysis of total seawater alkalinity, dissolved inorganic carbon, spectrophotometric pH, and other water quality parameters. The staff chemist performs statistical data analyses to process carbonate chemistry data, manage data storage, and write reports. Tasks also include maintaining the dry ocean acidification (OA) laboratory, keeping track of and ordering all supplies and materials, keeping all OA-related work organized, instrument maintenance, mercuric chloride hazardous waste disposal, data entry, some animal husbandry, and some field work (typically twice a month with other field days possible). The staff chemist will be responsible for managing and mentoring student interns year-round. This position might include longer days and weekend work. Must be able to work in a hot/outdoor environment and lift 40 lbs. Current projects include work with acidification, harmful algae, bivalves, and seagrass. Duration is 1 year with possibility to extend depending on performance and funding.

Requirements:

1. B.S. required, M.S. preferred. Preferably with a carbonate chemistry or ocean acidification background.
2. Working knowledge of carbonate chemistry processes and instrumentation.
3. Familiar with standard computer software (Excel, Word, etc.), data handling applications such as R, database management, and CO2Sys or CO2Calc.
4. S. citizenship or foreign citizen's U.S. work permit appropriate for the work is required

Special Qualifications:

1. Knowledge of ocean acidification, CO2Sys or CO2Calc, and monitoring equipment
2. Previous laboratory and experimental systems experience, especially with carbonate chemistry instruments
3. Familiar with marine organism experimental testing equipment (pH monitoring probes, temperature probes, tanks, filters, heaters, etc.)
4. Strong troubleshooting and problem-solving skills
5. Ability to multi-task
6. Ability to work autonomously
7. Very organized with great attention to detail
8. Boat handling skills a plus, but can be taught onsite

Interested applicants should apply on line at https://mote.smapply.org/prog/job_applicants or mail a single package including cover letter, resume or c.v. and the contact information for three references to Mote Marine Laboratory, Attn: Human Resources, 1600 Ken Thompson Parkway, Sarasota, FL 34236 before 5pm May 28, 2021.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status or other protected category. Mote participates in E-Verify.