

**Job Title:** Technician, associate research or postdoc scientist in development of seagoing instrumentation

### **Full Job Description**

We are seeking a technician, associate research or postdoc scientist to work on the design, development and automation of seagoing instrumentation to study marine biogeochemistry. The job will offer opportunities for publications and to participate on scientific cruises.

### **Desired Qualifications**

- Preference will be given to candidates with an electrical/mechanical engineering or chemistry background
- Lab experience, especially in hardware (e.g., analyzers, sensors, controls and actuators) and software (e.g., LabView, C, Matlab, Python, etc.) for automation, process control, and/or instrumentation development
- Will consider a range of backgrounds but preferred education:
  - Postdoctoral fellow (< 3 yrs of postdoctoral fellowship experience); OR
  - Research Associate/Technician: MS with 2 years of experience ; OR
  - BS with 5+ yrs of experience for the role.

### **Job Type**

Regular, full time with salary commensurate with the individual's experience. This position is renewable after 1 year contingent on performance, and beyond 3 years contingent on performance and funding.

Starting date is as soon as possible. Interested individuals should send a cover letter, a CV, and the names and contact information of at least 3 references to Nicolas Cassar ([nicolas.cassar@duke.edu](mailto:nicolas.cassar@duke.edu)). Review of applications will begin immediately and continue until the position is filled.

### **Work Environment**

Research conducted in the Cassar lab at Duke University focuses on biogeochemistry and ecophysiology, with the objective of constraining the mechanisms governing carbon, oxygen and nitrogen cycling. The lab is located on Duke's main campus. Located in Durham, North Carolina, Duke is positioned in the heart of the Research Triangle, which is ranked annually as one of the best places in the country to work and live. Duke has more than 15,000 students who study and conduct research in its 10 undergraduate, graduate, and professional schools. With about 40,000 employees, Duke is the third-largest private employer in North Carolina, and it now has international programs in more than 150 countries.

Duke University is an Affirmative Action/Equal Opportunity Employer committed to providing employment opportunity without regard to an individual's age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status. Duke aspires to create a community built on collaboration, innovation, creativity, and belonging. Our collective success depends on the robust exchange of ideas—an exchange that is best when the rich diversity of our perspectives, backgrounds, and experiences flourishes. To achieve this exchange, it is essential that all community members feel secure and welcome, that the contributions of all individuals are respected, and that all voices are heard. All members of our community have a responsibility to uphold these values.