LABORATORY/FIELD TECHNICIAN – ID# 12434

The Department of Oceanography at the University of Hawaii seeks to fill a position of Laboratory/Field Technician. The successful applicant will join a lab using tracers to study processes relevant to climate change and human impacts on the environment (e.g., air-sea gas exchange, ocean circulation, coastal carbon cycling, flow and transport of nutrients and contaminants in continental waters). See http://www.soest.hawaii.edu/~ho/projects/ for more information on current and recent projects.

We seek a highly motivated, independent but team-oriented technician, to perform the following duties:

• Develop and construct new analytical instruments for atmospheric, oceanic, and estuarine observations.

• Organize instruments and logistics for, and participate in, land-based and sea-going fieldwork locations throughout the world.

• Perform laboratory measurements of air and water samples.

• Maintain analytical instrumentation and inventory of samples. Perform basic laboratory and instrument maintenance and organization.

• Participate in data extraction, reduction and processing from specialized research instrumentation, and provide support for preparation of reports to funding agencies and publication of results in peer-reviewed journals.

QUALIFICATIONS:

Primary: Bachelor’s Degree in Earth Sciences, Engineering, Physics, Chemistry or closely related science. 3-5 years of experience in laboratory work in instrumentation, Geochemistry, or Engineering. 1-2 years of experience with gas chromatography. Knowledge of electronics. Knowledge of Mac and Windows operating systems. Familiarity with the use of spreadsheets (e.g., MS Excel). Knowledge of the methods, materials, procedures, and techniques used in oceanographic research, particularly gas chromatographic techniques, sampling, and analysis. Able to conduct trace gas sampling and measurements in the field and at sea under harsh environmental, weather and sea conditions. Must have good oral and written communication skills, and the ability to interact well with other personnel in the university, office, lab, and ship environments. In good health and able to work effectively for extended periods in the field or at sea. Able to lift and carry 50 lbs.

Secondary: MS in Earth Sciences, Engineering, Physics, Chemistry or closely related science. Familiarity with LabVIEW. Machine shop certification. Experience working in an academic or research setting.

INQUIRIES: David Ho, ho@hawaii.edu
APPLICATION REQUIREMENTS: Please go to www.rcuh.com, click on “Employment”; select “Apply” and navigate to “See Job Announcements and/or Apply for a Job.” You must submit the following documents online to be considered for the position: 1) Cover Letter, 2) Resume, 3) Salary History, 4) Supervisory References, 5) Copy of Degree(s)/Transcript(s)/Certificate(s). All online applications must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time) as stated on the job posting. If you do not have access to our system and the closing date is imminent, you may send additional documents to rcuhr@rcuh.com. If you have questions on the application process and/or need assistance, please call (808)956-3100.