Job Description

Job Title: Marine Research Associate III
Job ID: 12383
Project Name: Oceanography
Full/Part Time: Full-Time
Regular/Temporary: Regular

Regular, Full-Time, RCUH Non-Civil Service position with the Department of Oceanography, located at the University of Hawaii at Manoa, in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance with applicable Federal/State laws.

MINIMUM MONTHLY SALARY: $3,222/Mon.

DUTIES: Participates in oceanographic research cruises. Works at sea to perform and supervise data collection as designated by research protocols for field programs such as the Hawaii Ocean Time-series (HOT) project. Participates in the preparation and loading/unloading of instruments and gear for research expeditions as needed. Works with scientific staff as well as an Electronics Technician in the acquisition and processing of scientific data, including data from a conductivity/temperature/depth/oxygen device, a thermosalinograph, an Acoustic Doppler Current Profiler (ADCP), a Modular Acoustic Velocity Sensor (MAVS), and various moored instruments. Works with Principal Investigator (PI) and Marine Research Associate V (RA V) on data quality control and report writing. Works with the Electronics Engineer/Technician to calibrate and troubleshoot the ADCP, MAVS, and various other marine instruments. Trains junior staff members, students, and volunteers to assist in these efforts. Performs and supervises measurements and analysis of salinity from water samples to a high accuracy. Plans and supervises cruise activities and decides on modifications as circumstances warrant.

PRIMARY QUALIFICATIONS: EDUCATION:
Master’s Degree from an accredited college or university in a related scientific field (Bachelor’s Degree from an accredited four (4) year college or university in a related scientific field and at least two (2) years of working physical oceanographic experience may substitute for a Master’s Degree).

EXPERIENCE: One to two (1-2) years demonstrated experience conducting physical oceanographic research activities successfully at sea, including leadership roles. Experience analyzing samples in a laboratory setting, to a high degree of accuracy. Demonstrated experience using an Autosalinometer. Experience with Conductivity, Temperature, and Depth (CTD) profiling using Sea-Bird Electronics, Inc. equipment. Demonstrated experience in statistical and time-series analysis through development of Matlab (or equivalent algorithmic language) routines. Experience processing, plotting, and analyzing data, and able to implement complex algorithms in Matlab or equivalent algorithmic language. Has published scientific results. Experience working with large datasets.

ABEL/KNOW/SKILLS: General knowledge of Windows operating system in personal computers; working knowledge of UNIX and/or LINUX. Knowledge of Matlab or equivalent algorithmic language. Knowledge of statistical techniques. General knowledge of Web page design and maintenance software. Ability to conduct data collection at sea following designated research protocols without direct supervision. Able to teach and supervise data collection activities. Must possess a valid driver’s license.

PHYSICAL/MEDICAL REQUIREMENTS:
Ability to work effectively on research vessels for extended periods in rough seas. Ability to lift and carry sixty (60) pounds.

SECONDARY QUALIFICATIONS:
Coursework in physical oceanography. Coursework in chemistry. Knowledge of the methods and techniques used for data collection in the HOT program.

INQUIRIES: Roger Lukas 956-7896 (Oahu).

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.

EEO/AA Employer.

Please apply before 09/14/2012