Job Description

Job Title:  Marine Project Operations/Support Technician
Job ID:  12549
Project Name:  UHH/EPSCR
Full/Part Time:  Full-Time
Regular/Temporary:  Regular

MINIMUM HOURLY RATE:  $12.63/Hr.

DUTIES:  Duties will include various assigned tasks as part of an award from the National Park Service. Works with project scientists to conduct field research in established research sites, and install and maintain data loggers. Works with supervisor and Co-PIs to plan and develop research. Maintains project dive plan, logs daily dive activities, and supervises/coordinates activities of divers in training. Prepare project trip reports. Responsible for data collection, including supervising data collection by all team members. Maintains field project notebooks. Coordinates with team and organizes activities for three to seven (3-7) person crews on data collection trips. Prepares and constructs experimental equipment, and supervises a team in constructing these materials. Field sampling will include: water quality sampling, deployment and timely retrieval of coral reef and macroalgal experiments, species identification of marine and estuarine (including anchialine pond) species, estimating abundance of organisms, including the accurate estimation of organism size. Ensures accurate and timely collection of data by effectively planning and coordinating sampling trips. Assists in securing and maintaining active permits for all research activities. Supervises students during field research, as required. Prepares field equipment and supplies for deployment, including data loggers and experimental devices. Organizes deployment, retrieval and maintenance of scientific equipment. Responsible for regularly conducting safety and summary briefings related to boating operations, scuba diving operations, and scientific protocols for a wide-ranging audience. Ensures that all field team members understand essential safety procedures and equipment. Schedules and coordinates required trainings (CPR, First Aid, others) with certified training establishments for all team members. Conducts data entry, management, summarization, and statistical analysis for all related project data. Downloads, enters, organizes, and conducts quality control of data. Ensures data is adequately protected. Responsible for tracking, organizing, processing, analyzing, and/or submitting project samples for laboratory chemical processing. Organizes and reports sample results. Analyzes data and creates graphs, figures and tables to present project findings. Mitigates any sampling discrepancies. Analyzes benthic imaging using Photogrid software and established protocols. Works with project supervisor to draft project documents and reports. Assists in regular field visit reporting, and annual reporting. Engages in community outreach.

PRIMARY QUALIFICATIONS:  EDUCATION:  Bachelor's Degree from an accredited four (4) year college or university in Marine Science or related discipline. EXPERIENCE:  One to three (1-3) years of demonstrated marine research experience, including benthic research methods. ABIL/KNOW/SKILLS:  Basic knowledge of the principles of marine and aquatic ecology. Knowledge of boating and scuba diving safety procedures. Knowledge of safe use of research equipment used. Knowledge of scientific protocols used. Knowledge of Photogrid software and established project protocols. Basic computer skills, including ability to use Microsoft Excel for data management and spreadsheet
development and statistical analysis software. Must possess a valid driver's license. Must be SCUBA certified (NAUI, PADI, etc.) and meet the standards established by the program's diver certification process (which means the standards set by the American Academy of Underwater Science).

PHYSICAL/MEDICAL REQUIREMENTS: Able to lift and carry fifty (50) pounds. Able to carry heavy equipment and supplies under terrestrial and marine conditions.

SECONDARY QUALIFICATIONS: Experience in marine and aquatic field methods, specifically, transect and quadrat methods and the use of automated sensing systems, e.g., data loggers. Experience in the use of equipment and methods for quantifying water quality characteristics. Working knowledge of Microsoft Access and geographic information systems (GIS) ArcMap. Experience driving boats/trailers and using a 4-wheel drive vehicle.

INQUIRIES: Dr. Jim Beets 933-3493 (Hawaii).

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)956-8344.

EEO/AA Employer.

Please apply before 11/04/2012