Job Description

Job Title: Post-Doctoral Fellowship (Ecological Genomics & Metabolomics)
Job ID: 13137
Project Name: UHH/EPSCR
Full/Part Time: Full-Time
Regular/Temporary: Regular

Regular, Full-Time, RCUH Non-Civil Service position with the Experimental Program to Stimulate Competitive Research (EPSCoR), Ecological Genomics and Metabolomics (ECOGEM) team, located at the Hawaii Institute of Marine Biology (HIMB) 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: Conducts research to investigate molecular responses of coral reef ecosystems as an indicator of environmental stress, across both temporal and spatial scales. Collaborates in the application of transcriptomic and genomic approaches to coral studying biology. Customizes and utilizes bioinformatic pipelines for the analysis of high throughput sequence data. Validates transcriptomic and microarray data using RT-PCR, cloning and sequencing techniques, and integrate genomic data with physiological and environmental data. Collaborates with researchers on genomic projects and help train researchers, undergraduate interns and visiting scientists in a full range of genomic techniques and applications. Participates at workshops and meetings and deliver presentations. Prepares reports and results for publication in peer-reviewed journals. Assists in the preparation of proposals to funding agencies as well as contributing to annual reports.

PRIMARY QUALIFICATIONS: EDUCATION: PhD from an accredited college or university in Biology, Molecular Biology, Genetics, Functional Genomics, Cell Biology or related field. EXPERIENCE: Must have experience in the following essential areas: expertise in RNA extractions and library construction, development and genomic methods for research on responses of non-model marine organisms to environmental stressors, managing genomic datasets, including statistical analysis, gene discovery and compliance with information dissemination requirements. Experience in experimental design of large-scale genomic projects in non-model systems. ABIL/KNOW/SKILLS: Proficiency in experimental design and bioinformatic principles and statistics. Strong background in coral biology, high throughput sequencing approaches and familiarity with microarrays. Skilled in molecular techniques (e.g. cloning, polymerase chain reaction (PCR, standard and quantitative) Skilled in nucleic acid extraction and library preparation for high throughput sequencing approaches. Strong interpersonal and organizational skills. Must possess excellent verbal and written communication skills.

SECONDARY QUALIFICATIONS: Knowledge of current and existing environmental stress literature in marine organisms, and specifically corals.

INQUIRIES: Zeada Pachecano 933-3323 (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 rcuhhr@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** 03/09/2013