Job Description

Job Title: Genetics Research Specialist
Job ID: 29105
Project Name: Natural Sciences / Botany
Full/Part Time: Full-Time
Regular/Temporary: Regular

MINIMUM MONTHLY SALARY: $3,039/Mon.

DUTIES: Participate in Deoxyribonucleic Acid (DNA) barcoding of cyanobacterial strains to develop and evaluate the suitability of various molecular genetics techniques to elucidate strain-level and species-level genetic variation in several groups of microalgae. Perform large-scale DNA sequencing and genotyping. Perform population genetic, phylogenetic, and/or genomics analyses. Collect morphological data and catalog data in electronic form; maintain project database in Filemaker Pro.

PRIMARY QUALIFICATIONS: EDUCATION: Master's of Science from an accredited university in Oceanography or related field. EXPERIENCE: One to three (1-3) years of experience working in laboratory, and research work on DNA/Ribonucleic acid (RNA) extraction and analysis. ABIL/KNOW/SKILLS: Understanding of DNA barcoding of microalgal species, large-scale DNA sequencing, genotyping, genomics analyses and growth rate analyses on cyanobacterial cultures. Ability to effectively analyze scientific data. Demonstrated capability to prepare reports through previous publications. Able to plan experiments independently.

SECONDARY QUALIFICATIONS: Direct experience in microalgal culture.

INQUIRIES: Steven Chang 956-9572 (Oahu).

APPLICATION REQUIREMENTS: The preferred method of applying for a job is through our on-line application process. Please go to www.rcuh.com, click on "Employment" and navigate to "Job Announcements/Apply for a Job." However, if you do not have access to the Internet, you may apply by submitting resume; cover letter including Recruitment ID#, referral source, narrative of your qualifications for position and salary history; names, phone numbers and addresses of three supervisory references and copy of degree(s)/transcripts/certificate(s) to qualify for position by fax (808) 956-5022 or mail to Director of Human Resources, Research Corporation of the University of Hawaii, 2530 Dole Street, Sakamaki Hall D-100, Honolulu, HI 96822 before the closing date. If you have questions on the application process and/or need assistance, please call (808)956-3100.

Please apply before: 03/12/2009

EEO/AA Employer