

## Job Description

**Job Title:** Postdoctoral Fellowship (Evolutionary Genetics)  
**Job ID:** 29409  
**Project Name:** UHH/EPSCR  
**Full/Part Time:** Full-Time  
**Regular/Temporary:** Regular

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### Job Summary

Regular, Full-Time, Limited Term (Up to 1 year with possibility of extension), RCUH Non-Civil Service position with the Tropical Conservation Biology and Environmental Science (TCBES) Program, located in Hilo, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

MINIMUM MONTHLY SALARY: Commensurate with qualifications.

**DUTIES:** Participate in Moore Foundation-supported research into Deoxyribonucleic Acid (DNA) Barcoding of endemic Hawaiian species to develop and evaluate the suitability of various molecular techniques and bioinformatic analyses to elucidate population-level and species-level genetic variation in several groups of Native Hawaiian insects and plants. Perform population genetic and phylogenetic analyses. Perform DNA- and RNA- based procedures to generate project data. Perform next-generation DNA sequence data and microarray expression analyses. Prepare reports and results suitable for publication. Mentor graduate and undergraduate students in techniques and analyses of DNA extraction, DNA sequencing, RNA/cDNA microarray and next-generation sequencing, and DNA bioinformatic analyses.

**PRIMARY QUALIFICATIONS:** **EDUCATION:** PhD from an accredited college or university in a relevant field. **EXPERIENCE:** Experience with two (2) of the following: population, phylogenetic, and genomics analyses. **ABIL/KNOW/SKILLS:** Knowledge in molecular DNA techniques. Strong quantitative and statistical skills; self-starter and creative problem solver; strong communication and interpersonal skills.

**SECONDARY QUALIFICATIONS:** Extensive experience in next-generation DNA sequencing, microarray expression analysis, genotyping and population genetic analysis, phylogenetic analysis, genomics analysis, or mathematical modeling in population genetic and phylogenetic contexts.

**INQUIRIES:** Elizabeth Stacy 933-3153 (Hawaii).

**APPLICATION REQUIREMENTS:** The preferred method of applying for a job is through our on-line application process. Please go to [www.rcuh.com](http://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.

EEO/AA Employer.

**Please apply before:** 10/05/2009

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