

Job Description

Job Title: Invasive Species Ecology Postdoctoral Researcher
Job ID: 29418
Project Name: CTAHR/NREM
Full/Part Time: Full-Time
Regular/Temporary: Regular

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Job Summary

Regular, Full-Time, RCUH Non-Civil Service position with the University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources (CTAHR), Natural Resources and Environmental Management (NREM), located at the CTAHR laboratories in Hilo, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

MINIMUM MONTHLY SALARY: \$3,039/Mon.

DUTIES: Studies and works to quantify the impacts of nonnative, feral pigs (*Sus scrofa*) on ecosystem structure (vegetation dynamics) and processes (carbon and nitrogen cycling) in tropical Hawaiian rainforests. Works as a member of a research team to utilize remote sensing techniques (Light Detection and Ranging (LIDAR) and hyperspectral remote sensing) to develop tools for identifying and mapping strawberry guava (*Psidium cattleianum*) invasions. Utilize existing, as well as create new, permanent plots in the Hawai'i Experimental Tropical Forest. Produces oral presentations and written publications on the data collected. Address individual research areas under the direction of the Principal Investigator (PI) to complement the overall project.

PRIMARY QUALIFICATIONS: **EDUCATION:** PhD Degree from an accredited college or university in Biology, Botany, Ecology, Environmental Science, or a related field. **EXPERIENCE:** Experience in ecosystem science and/or plant community ecology, including both field and laboratory techniques. **ABIL/KNOW/SKILLS:** Knowledge in the principles of ecosystem ecology, and/or plant community ecology. Possess strong quantitative skills; excellent organizational skills; outstanding oral and written communication skills. Potential for publishing research in high quality peer-reviewed journals. **PHYSICAL/MEDICAL REQUIREMENTS:** Ability to hike in remote areas and rugged terrain under inclement weather conditions.

SECONDARY QUALIFICATIONS: Two to three (2-3) years of experience with techniques and equipment for measuring pools and fluxes of carbon and nitrogen and up to one (0-1) year of experience supervising students and/or technical staff. A demonstrated record of research publication. Experience driving on dirt roads and using a 4-wheel drive vehicle. Knowledge of and prior experience in Hawaiian or tropical terrestrial ecosystems.

INQUIRIES: Creighton Litton 956-6004 (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.

EEO/AA Employer.

Please apply before: 10/30/2009

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