Job Description

Job Title: HCSU NWHI Research Specialist
Job ID: 10227
Project Name: HI Coop Studies Unit (HCSU)
Full/Part Time: Full-Time
Regular/Temporary: Regular

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Job Summary

Regular, Full-Time, RCUH Non-Civil Service position with the Pacific Island Ecosystems Research Center's Kilauea Field Station, Hawaii Cooperative Studies Unit (HCSU), located in Hawaii Volcanoes National Park on the island of Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

MINIMUM MONTHLY SALARY: $3,222/Mon.

DUTIES: Implements joint project for USGS Pacific Island Ecosystems Research Center, Northwestern Hawaiian Islands Climate Change: Predicting risks of island extinctions due to sea level rise. Conducts statistical analysis of wildlife population dynamics. Applies multi-island population data, PVA, sea level rise projections, digital elevation models, and structured decision making to evaluate and enhance wildlife conservation planning in the face of climate change. Independently manages database and performs data analysis. Analyses will include population estimates, trend and power analysis of long term data sets to determine trends, density dependence, and potential habitat loss. Interprets results and conducts writing of reports, scientific manuscripts, and presentations. Assists Project Leader with incorporating reviewers' comments and completion of related manuscripts for publication in peer reviewed journals.

PRIMARY QUALIFICATIONS: EDUCATION: Master's Degree from an accredited college or university in Wildlife Biology, Biostatistics/Biometry, Quantitative Ecology, Biology, or other quantitative field. EXPERIENCE: One to two (1-2) years of experience in the following: Wildlife population modeling and decision analysis, including adaptive management. Applied statistics/data analysis and study design, preferably wildlife population dynamics on islands; population viability projections methodologies; and database management. Six (6) months to two (2) years of scientific writing experience. ABIL/KNOW/SKILLS: Knowledge of avian ecology and survey methods, and wildlife monitoring techniques. Working knowledge of population ecology, personal computers, statistical, and database programs. Requires extensive knowledge of statistical applications, database, spreadsheet, and statistical software. Requires extensive knowledge of scientific writing and editing, literature searches, statistical applications, create predictive models. Demonstrated ability to perform data management and analysis. Ability to use Access, Excel software, and R or MATLAB and other statistical analysis packages. Skills in applied statistics. Ability to train and assist others in data management and analysis. Technical writing skills. Excellent communication skills both in writing and verbally. Must possess a valid driver's license. Proficient programming skills are required (R or MATLAB or similar programs). PHYSICAL/MEDICAL REQUIREMENTS: Ability to work daily at a computer work station.

SECONDARY QUALIFICATIONS: Ph.D. from an accredited college or university in Wildlife Ecology or Biostatistics. Prior experience with avian field studies and creating population models. Prior experience with avian demographic studies, climate change studies, habitat analyses, population abundance analysis and survey techniques. Prior experience in the use of statistical models for the analysis of management decisions or adaptive management. Published peer reviewed scientific papers

INQUIRIES: JoAnne Riveira 933-3290 (Hawaii).

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, mail, or hand-deliver 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. Online applications and faxed documents must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time). Mailed documents must be postmarked by the closing date. Hand-delivered documents must be received by our HR office by 4 P.M. Hawaii Standard Time/RCUH receipt time. If you have questions on the application process and/or need assistance, please call (808) 956-3100.

EEO/AA Employer.

Please apply before: 05/27/2010