Job Description

Job Title: JIMAR PIFSC Reef Fish Researcher
Job ID: 10606
Project Name: JIMAR
Full/Part Time: Full-Time
Regular/Temporary: Regular

MINIMUM MONTHLY SALARY: $4,311/Mon.

DUTIES: Conducts analysis of survey data to improve understanding of coral reef fish ecosystems in U.S. Pacific Islands. Implements underwater visual survey programs to assess and monitor coral reef fish communities and essential fish habitats. Applies data management and advanced statistical techniques to analyze coral reef fish and related ecological data. Prepares technical reports and scientific manuscripts summarizing results of these analyses, and presents findings at national and international meetings. Works closely with partners in local jurisdictions and research institutions to build strong collaborative relationships. Provides assistance with management of the CRED including proposal writing, administrative functions, and supervision of personnel.

PRIMARY QUALIFICATIONS: EDUCATION: Ph.D. degree from an accredited college or university in Marine Ecology, Zoology, Marine Biology, Fishery Science, or related field involving studies of coral reef fish ecology. (A Master's Degree in Marine Ecology, Zoology, Marine Biology or Fishery Science and five (5) years of relevant work experience in coral reef fish ecology may be substituted for a Ph.D. degree.) EXPERIENCE: Three to five (3-5) years of experience in coral reef ecosystem research including projects utilizing underwater reef fish census survey methodologies. Experience training and leading field survey teams for ecological studies. Experience managing and analyzing large complex databases and in using advanced statistical procedures. Experience with carrying ecological research projects to completion and publishing results, including first authorship on at least two peer-reviewed journal articles. Experience producing technical reports and successful funding proposals. Experience working on interdisciplinary research teams. Experience coordinating with partner agencies concerned with research, conservation, and management of ecosystems. Experience at-sea aboard large research or fisheries vessels for extended period. ABIL/KNOW/SKILLS: Working knowledge of sampling theory, experimental design, spatial statistics, population dynamics, ecological modeling/simulation and other advanced statistical procedures for data analyses. Working knowledge of large and complex relational database management systems, and data integration techniques. Working knowledge of biological, physical, and ecological processes, particularly in marine ecosystems. Knowledge and understanding of principles and practices in the fields of biometrics, community ecology, population biology, conservation biology, landscape ecology, and natural resource management. Knowledge of and ability to identify Indo-Pacific coral reef fish species and to quantify abundance and sizes of fishes using underwater visual survey techniques. Knowledge of word processing, spreadsheet, database and graphing software (e.g. SigmaPlot). Proficiency with R, S-Plus, PRIMER, SAS, Matlab, and/or other advanced statistical software packages. Proficiency with using advanced statistical and analytical procedures including multivariate analysis, spatial analysis, ecological modeling and simulation, spectral analysis, and other quantitative techniques relating to...
statistical power and change detection. Ability to coordinate the integration and management of large and complex relational databases and spatial databases. Familiarity with Geographic Information Systems (GIS) applications. Proficiency with basic office productivity software tools (word processors, spreadsheets, presentation software). Must possess excellent written and verbal communication skills to write scientific manuscripts and technical reports, and to make presentations that are suitable for a range of audiences. Must possess strong interpersonal skills to work with principal investigators, researchers, resource managers, and administrators. Ability to work and make decisions independently and to meet programmatic requirements within schedule and budgetary constraints. Ability to independently plan, implement, and manage projects. Ability to lead, train and supervise research assistants in field and data handling procedures. Must possess strong leadership and interpersonal skills necessary to supervise staff. Ability to coordinate with agencies concerned with research, management and protection of coral reef ecosystems and build strong collaborative working relationships with potential partners in local management, NGO and research communities. Must possess a valid driver's license to assist with transporting equipment and gear. Must be able to pass all training requirements, including but not limited to basic boating, first aid, CPR, and oxygen assistance. Other training requirements may include advanced coxswain training, advanced first aid, and forklift training. Must be SCUBA certified (NAUI, PADI, etc.) to meet the standards established by the program's diver certification process (which meets the standards set by the American Academy of Underwater Science). Must be able to complete UH/NOAA diving certification, which includes meeting the physical, watermanship, academic, and experience requirements. Must be able to complete SCUBA diving advanced open water certification with a minimum of forty (40) dives and possess good free diving skills. Post Offer Employment Requirement: Must meet the US Department of Commerce, National Oceanic and Atmospheric Administration security requirements for working in a federal facility which includes being fingerprinted and having a federal background check performed.

PHYSICAL/MEDICAL REQUIREMENTS: Must be able to obtain NOAA Medical Clearance for embarking/working on NOAA research vessels or other appropriate vessels which includes providing proof of required immunizations and/or obtaining the necessary immunizations as required by NOAA Marine and Aviation Operations. Ability to work for long hours, outdoors at various captive facilities and remote locations with high exposure to sunlight, aboard research vessels and aboard small boats (15-20') in coastal and oceanic waters. Ability to lift up to fifty (50) pounds of scientific instruments, scuba gear and equipment.

SECONDARY QUALIFICATIONS: Experience with underwater photography on coral reefs. Familiarity with coral reef ecosystem organisms, particularly Indo-Pacific species. Experience handling small boats around Pacific atolls. Experience participating in coral reef research cruises on large vessels. Working knowledge of software packages such as Microsoft Office, SigmaPlot, Endnote, SAS, and Adobe Photoshop. Proficiency with ESRI ArcGIS 9. Experience with programming and scripting languages. Experience with the design and development of relational databases and spatial databases. Knowledge of U.S. Pacific Federal fishery management policies, including management strategies for coral reef ecosystems. Experience in supervising Post-Doc and PhD level staff and developing program objectives.

INQUIRIES: Nicole Wakazuru 956-5018 (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, 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: 10/26/2010