

## Job Description

**Job Title:** JIMAR PIFSC Research Associate  
**Job ID:** 29427  
**Project Name:** JIMAR  
**Full/Part Time:** Full-Time  
**Regular/Temporary:** Regular

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### Job Summary

Regular, Full-Time, Limited Term (approximately twelve (12) months in duration), RCUH Non-Civil Service position with the School of Ocean and Earth Science and Technology (SOEST), Joint Institute for Marine and Atmospheric Research (JIMAR), located at the National Marine Fisheries Service (NMFS), Pacific Islands Fisheries Science Center (PIFSC) in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

MINIMUM MONTHLY SALARY: \$2,105.00.

**DUTIES:** Processes and analyzes bioacoustics and environmental data to assist in research which focuses on various environmental effects on the spatiotemporal dynamics and interactions of tuna and its forage in the Pacific. Develops templates and functions for automated pre-processing of data. Participates on shipboard surveys to collect bioacoustics, oceanographic, and environmental data. Prepares progress reports and data reports as needed.

**PRIMARY QUALIFICATIONS:** **EDUCATION:** Bachelor's Degree from an accredited four (4) year college or university in an appropriate field of study such as Oceanography, Marine Biology, or Fisheries Biology. **EXPERIENCE:** Up to one year (0-1) of experience or background in working with active acoustics data. Up to one year (0-1) of experience or background using Matlab and Echoview/Movies+ softwares to collect and process bioacoustic data. Up to one year (0-1) year experience using Matlab software. Up to one year (0-1) experience participating on oceanographic cruises. **ABIL/KNOW/SKILLS:** Basic knowledge of environmental and oceanographic data processing and analysis techniques. Good computer and communication skills. Ability to work with large complex data sets. **Post Offer Employment Requirement:** Must meet 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.

**SECONDARY QUALIFICATIONS:** Master's Degree from an accredited college or university in an appropriate field of study such as Fisheries Acoustics, Fisheries Biology, Oceanography, Marine Biology, or Mathematics/Statistics. One to three (1-3) years experience working with active acoustics data. One to three (1-3) years experience working with multifrequency active acoustics data to study the composition and biomass of micronekton or to estimate biomass of top predators such as tunas. One to three (1-3) years experience collecting acoustics data in pelagic environments and in environments with variable/rough topography of the Pacific Ocean. One to three (1-3) years experience using Common Ocean Data Access System (CODAS) to process Acoustic Doppler Current Profiler (ADCP) data obtained in environments with variable and/or rough topography. One to three (1-3) years experience using Matlab to analyze data sets. Proficiency in Photoshop.

INQUIRIES: Nicole Wakazuru 956-9465 (Oahu).

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:** 10/22/2009

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