

Bulletin Board Posting: 05/28/14

RCUH Website: 05/28/14

Hire Net Hawaii: 05/28/14

Monster: TBD

JIMAR PIFSC OCEAN ACIDIFICATION PROGRAM MANAGER – ID# 14253. Joint Institute for Marine and Atmospheric Research. Regular, Full-Time, 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, availability of funds, and compliance with applicable Federal/State laws. **MINIMUM MONTHLY SALARY:** \$4,569/Mon. **DUTIES:** Leads the PIFSC Coral Reef Ecosystem Division's (CRED) climate and ocean change research and monitoring team to assess and predict associated ecological impacts to the coral reef ecosystems of the Pacific Islands region and internationally. Designs, develops, expands, implements, and improves sampling methodologies, survey protocols, and field research experiments to obtain robust physical, biogeochemical, and ecological time series observations. Processes, analyzes, and summarizes these interdisciplinary oceanographic data from CRED surveys, satellite remote sensing, and other sources. Contributes to data management and development of data products relevant to long-term monitoring to robustly document spatial patterns and temporal changes of conditions influencing coral reef ecosystems. Publishes and communicates results in scientific literature, monitoring reports, and through presentations to a wide variety of stakeholders. Maintains and nurtures collaborations to monitor and investigate the physical, chemical, and biological oceanographic conditions influencing coral reef ecosystem conditions, particularly ocean warming and ocean acidification. Provides supervision, training, and guidance to scientific and technical staff in research area. Participates in research cruises, marine ecosystem surveys, and observation networks to assess and monitor coral reefs. This involves field surveys, the deployment and recovery of oceanographic and ecological instrument platforms, and data transmission, analyses, and creation of information products. Works with project staff and personnel from other institutions to secure continued and/or additional funding support, and to satisfy reporting requirements of funding agencies for existing support. Collaborates with researchers from other agencies and institutions, and coordinates with partner agencies on marine ecosystem research and conservation projects. **PRIMARY QUALIFICATIONS: EDUCATION/TRAINING:** PhD from an accredited college or university in the fields of Physical, Chemical, or Biogeochemical Oceanography, Quantitative Ecology, Biology, Statistics, or a related field. **EXPERIENCE:** Three to five (3-5) years of nearshore ecosystem oceanographic work experience with data analysis, report writing, and marine survey techniques. Experience in collecting and analyzing oceanographic and ecological monitoring data, and seawater samples for physical, biological, and chemical parameters. Experience conducting oceanographic and ecological data analyses, time-series analyses, inter-disciplinary modeling techniques, and other procedures commonly used by practitioners. Demonstrated research and refereed publication record in the areas of physical-biological interactions in coral reefs (or other nearshore ecosystems), climate change and ocean acidification on the marine environment, and related topics. Previous experience at sea for extended periods (i.e., twenty (20) continuous days or more) of time aboard research vessels. **ABIL/KNOW/SKILLS:** Strong knowledge and understanding of fundamental physical, biological, and chemical oceanographic processes as they relate to nearshore marine biological communities is required. Strong knowledge of statistical procedures to perform spatial and time-series data analyses, including development of monitoring programs and the interpretation of results. Working knowledge of water quality monitoring (e.g., sampling design, analytical methods, data interpretation) and carbonate chemistry in the marine environment. Working knowledge of marine/oceanographic instrumentation. Must be able to meet and maintain United States Department of Commerce (DOC) and National Oceanic and Atmospheric Administration (NOAA)

security requirements to access work location. Must be a US Citizen or Permanent Resident Alien. Proficiency with the operation, deployment, and data analysis of oceanographic and ecological instruments and sampling methodologies. Ability to perform advanced statistical and data analysis using software packages such as R, MATLAB, or similar. Proficiency with basic office productivity software tools, including word processors, spreadsheets, graphics programs, and Microsoft PowerPoint. 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. Demonstrated ability to initiate and develop collaborations to investigate the consequences of spatial and temporal variability in oceanographic conditions on marine ecosystems with scientists from other agencies and institutions. Must be SCUBA certified (NAUI, PADI, etc.) and meet the standards established by 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, and maintain throughout duration of employment. 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 Condition: Must meet and maintain US Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA) security requirements for working in a federal facility, which includes being fingerprinted and having a federal background check performed prior to date of hire and maintained throughout duration of employment. **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, and maintain throughout duration of employment. Ability to work long hours outdoors at various captive facilities and remote locations with high exposure to sunlight, aboard research vessels and aboard small boats (fifteen to twenty (15-20) feet) in coastal and oceanic waters. Ability to lift up to fifty (50) pounds of scientific instruments, scuba gear, and equipment. **POLICY AND/OR REGULATORY REQUIREMENTS:** As a condition of employment, incumbent will be subject to all applicable RCUH policies and procedures and as applicable subject to University of Hawaii's and/or business entity's policies and procedures. Violation of RCUH's, UH's, or business entity's policies and/or procedures or applicable State or Federal laws and/or regulations may lead to disciplinary action (including, but not limited to possible termination of employment, personal fines, civil and/or criminal penalties, etc.). **SECONDARY QUALIFICATIONS:** Experience and knowledge using Geographic Information Systems. Experience using advanced ecological modeling techniques, including but not limited to Generalized Linear Models, Generalized Additive Models, Boosted Regression Trees, and Species Distribution Modeling. Experience with the analysis of satellite remotely sensed datasets. Understanding of, and experience with, biogeochemical and climate models. **INQUIRIES: Nicole Wakazuru-Yoza 956-5018 (Oahu).** **APPLICATION REQUIREMENTS:** Please go to www.rcuh.com, click on "Employment"; select "Apply" and navigate to "See Job Announcements and/or Apply for a Job." You must submit the following documents online to be considered for the position: 1) Cover Letter, 2) Resume, 3) Salary History, 4) Supervisory References, 5) Copy of Degree(s)/Transcript(s)/Certificate(s). All online applications must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time) as stated on the job posting. If you do not have access to our system and the closing date is imminent, you may send additional documents to rcuhhr@rcuh.com. If you have questions on the application process and/or need assistance, please call (808)956-8344. **CLOSING DATE: June 27, 2014.** EEO/AA Employer.