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CIMAR PIFSC DATABASE SYSTEM DEVELOPER – ID# 223025.

CLOSING DATE: February 13, 2023. INQUIRIES: Nicole Wakazuru-Yoza 956-5018 (Oahu).

Regular, Full-Time, RCUH Non-Civil Service position with School of Ocean and Earth Science and Technology (SOEST), Cooperative Institute for Marine and Atmospheric Research (CIMAR), located at the National Marine Fisheries Service (NMFS), Pacific Islands Fisheries Science Center (PIFSC) in Honolulu, Hawai'i. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance with applicable Federal/State laws.

MONTHLY SALARY: Salary commensurate with qualifications.

DUTIES: Provides advanced programming and relational database support for marine ecosystem science. Develops, tests, maintains, and documents the project's data architecture and data accessibility. Supports applications, computer procedures, and scripts to ensure the integrity, accessibility, and usability of the project's data holdings. Develops database management applications for the manipulation, integration, and dissemination of data, in both raw and summarized form. Coordinates with all project staff in the collection, capture, processing, documentation, presentation, archiving, and maintenance of scientific data, data products and reports. Develops procedures and processes to import/export data between various database management systems. Contributes to the inventory and archiving of project's data holdings and backups, in original and electronic forms, and data products. Provides advanced data systems support to researchers and staff before, during, and after research missions. Works with internal and external end-users to identify desirable and useful database structures. Collaborates with data management teams and partner agencies to develop and coordinate data tools and products for various project.

PRIMARY QUALIFICATIONS:

EDUCATION	Bachelor's Degree from an accredited four (4) year college or university in Computer, Physical, or Biological Science field.
EXPERIENCE	Five to seven (5-7) years of professional level work experience, which includes relational database design and support, programming utilizing state of the art languages, scripts and editors in both the UNIX/Linux and personal computer environments. This includes one to three (1-3) years of experience overseeing project work performance, and operational experience in database management systems for large scientific data sets including time series and geographic data.

KNOWLEDGE	Working knowledge of relational database management software, such as Oracle or MySQL, and dynamic Web tools, such as Hypertext Preprocessor (PHP), Javascript, and HyperText Markup Language (HTML). Working knowledge of programming/scripting languages, such as Python, R, C/C++, and Procedural Language/Structured Query Language (PL/SQL).
ABILITIES & SKILLS	Must be able to meet and maintain the United States Department of Commerce (DOC) and National Oceanic and Atmospheric Administration (NOAA) security requirements to access work location. Must be a U.S. Citizen or Permanent Resident Alien. Demonstrated skills in providing advanced scientific programming support in Python, R, Powershell, and SQL interfacing languages, as well as database form and report generators. Ability to design, create, maintain, improve, and document large and complex data management systems. Ability to translate end-user requirements into tangible database design specifications. Ability to perform project management functions, which includes independently planning, organizing, and implementing projects to meet programmatic requirements and objectives within schedule, setting priorities and coordinating multiple tasks with frequent and tight deadlines. Ability to communicate effectively both orally and in writing. Ability to lead and oversee work objectives. Strong problem solving skills and ability to work in a team environment with minimal supervision. Demonstrated ability to create required applications. <u>Post Offer/Employment Condition:</u> Must be able to meet U.S. 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 DEMANDS	Comfortable with working in small and confined areas, able to lift up to thirty-five (35) pounds, able to negotiate step ladders, narrow ship passageways, and access ports. <u>Post Offer/Employment Condition:</u> 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.

POLICY/REGULATORY REQUIREMENT	As a condition of employment, employee will be subject to all applicable RCUH policies and procedures and, as applicable, subject to University of Hawai'i'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.).
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SECONDARY QUALIFICATIONS:

Master's Degree from an accredited college or university in Business Administration or Computer Science-related discipline. Experience with image catalogs and spatial data objects. Experience with Perl or Visual Basic for Applications (VBA) programming language. Experience with advanced software tools for data visualization. Experience using routine statistical procedures to perform data analyses, including interpretation of results. Desire to contribute to the conservation and sustainable management of living marine resources and protected species.

APPLICATION REQUIREMENTS: Please go to www.rcuh.com and click on "Job Postings." You must submit the following documents online to be considered for the position: 1) Cover Letter, 2) Resume, 3) Supervisory References, 4) Copy of Degree(s)/Transcript(s)/Certificate(s). All online applications must be submitted/received by the closing date (11:59 P.M. Hawai'i 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 rcuh_recruitment@rcuh.com. If you have questions on the application process and/or need assistance, please call (808)956-7262 or (808)956-0872.

RCUH's mission is to support and enhance research, development and training in Hawai'i, with a focus on the University of Hawai'i.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity or expression, pregnancy, age, national origin, disability status, genetic information, protected veteran status, or any other characteristic protected by law.