Graduate Research Assistant (Battery Testing / Battery Intelligence)

Hawai‘i Natural Energy Institute, SOEST, 11-month, temporary, extramural funds. To begin approximately January 2024. Half-time position, 20 hours per week.

Duties to be Performed: Assist the Principal Investigator in conducting research and provide analytical support for battery testing and battery intelligence projects involving data-science. This could include the preparation of battery prototypes, the testing of commercial Li-ion and Na-ion battery systems, the analysis of large datasets, and the training and validation of machine learning algorithms.

Minimum Qualifications: B.S. in electrical engineering or equivalent. Prior admission to the Electrical Engineering or Mechanical Engineering graduate program at the University of Hawai‘i. Working knowledge of principles and practices of scientific research. Excellent written and oral communication skills. Highly organized and able to work with minimal supervision. Ability to work effectively in research organizations and establish and maintain professional relationships with coworkers and industry personnel.

Desirable Qualifications: Experience with battery testing and battery science. Coding experience (MatLab, Python).

Salary: $2,526 per month (GA-16, 11-month)

To apply: Submit: 1) a cover letter that includes your statement of research interest and identifies which graduate program at the University of Hawai‘i you have been accepted to or are currently enrolled in; and 2) curriculum vitae via email to Tammy Furuta at tfuruta@hawaii.edu. Incomplete applications will not be considered.
Inquiries: Dr. Matthieu Dubarry at (808) 956-2349 or matthieu@hawaii.edu.

Closing Date: Continuous recruitment until the position is filled; applications review to begin on December 15, 2023.

*Equal Opportunity/Affirmative Action Institution*