

Graduate Research Assistantship (Aqueous Sodium Ions Batteries)

 hnei.hawaii.edu/vacancy/graduate-research-assistantship-aqueous-sodium-ions-batteries/



Hawai'i Natural Energy Institute, SOEST, 11-month, temporary, extramural funds. To begin approximately August 2021, half-time position, 20 hours per week.

Duties to be Performed: Assist the Principal Investigator in conducting research and provide laboratory and analytical support for aqueous Sodium-Ion batteries experimental program. This includes the synthesis and the testing of promising materials for Na-ion batteries. The graduate research assistant will be trained to use specialized equipment such as glove box and galvanostats/potentiostats. The graduate research assistant will be expected to be trained in EHSO laboratory safety, plan and conduct materials development experiments, perform characterization techniques and report the finding in a publication style report.

Minimum Qualifications: B.S. in chemistry, mechanical engineering or equivalent. Prior admission to the engineering graduate program at the University of Hawaii's Department of Mechanical Engineering. Working knowledge of principles and practices of scientific research and thorough knowledge of laboratory procedures and safety policies. Successful completion of EHSO safety training or capable of completion upon hire. 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 equipment; experience in material synthesis and electrode preparation; experience with manuscript writing for publication.

Salary: \$2,429 per month.

To apply: Submit letter of research interest and 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: July 31, 2021.

Equal Opportunity/Affirmative Action Institution