Postdoctoral Researcher – Sea surface salinity, pCO2, and upper ocean mixing

The University of Hawaii at Manoa invites applications for a full-time Postdoctoral Researcher position starting Fall 2018 to examine the relationship between sea surface salinity and pCO2 as part of the second Salinity Processes in the Upper Ocean Regional Study (SPURS-2). The candidate will be in charge of reducing and analyzing data collected as part of the SPURS-2 campaign, with the ultimate goal of producing a dataset that could be used in conjunction with the other studies from SPURS-2, in particular those examining the effect of rainfall on stratification and mixing in the upper ocean, to determine how rainfall could affect local and global air-sea CO2 fluxes. That candidate will work with Prof. David Ho at University of Hawaii at Manoa, as well as collaborators at University of Washington, Scripps Institute of Oceanography, and Woods Hole Oceanographic Institution who are involved in SPURS-2. The position will be based in Honolulu, Hawaii.

The appointee should possess the following qualifications, skills, abilities and experience:

1. PhD in Oceanography, Biogeochemistry, or relevant field.
2. Experience in carbonate chemistry and upper ocean physics
3. Experience in analyzing large datasets, such as those from satellite remote sensing
4. Ability to work both independently and collaboratively with a team
5. Highly developed organizational and time management skills with a proven ability to meet deadlines.
6. Demonstrated relevant publication record in refereed journals.

Evaluation of applications will begin immediately with a targeted start date of October 2018. The position will be open until filled. The appointment is for one year, with the possibility of renewal based on performance and funding availability.

For questions about the position, or to apply for the position, please email Prof. David Ho at david.ho@hawaii.edu. Applicants should submit a curriculum vita, a personal statement describing research experience and interests, addressing each of the selection criteria, relevant peer-reviewed publications, and names and contact information of three
referees.