Postdoctoral Scholar Position in Physical Oceanography  
College of Earth, Ocean, and Atmospheric Sciences  
Oregon State University, Corvallis, OR

Position:
Full-time 12-month Postdoctoral Scholar position located in the College of Earth, Ocean, and Atmospheric Sciences, Oregon State University. This position is funded by a grant from the National Aeronautics and Space Administration (NASA). The postdoc will work under the mentorship of Principal Investigator Dr. Melanie Fewings, in collaboration with Co-Investigator Dr. Carlos Moffat (University of Delaware). The position is renewable for a second year, so long as the postdoctoral scholar remains within five years from receipt of their doctoral degree; reappointment depends on performance and continued funding availability and is at the discretion of the Principal Investigator and the OSU Office of Postdoctoral Programs. Stipend and benefits conform with postdoctoral scholar standards at OSU (http://gradschool.oregonstate.edu/postdocs).

The goal of the project is to determine the effects of regional wind patterns on marine heat waves along mid-latitude eastern ocean boundaries, focusing on the time period 2000–present.

Responsibilities:
The successful applicant will use satellite and other existing data to understand the dynamics of marine heat waves along the California and Chile-Peru upwelling systems. The postdoc will work with the PI and Co-I to design and conduct analyses and communicate research findings; prepare research manuscripts for peer-reviewed journal publications; present research at scientific conferences and public outreach events; develop and assist with writing grant proposals; assist in the training of undergraduate and graduate students in thesis or dissertation preparation, research methods, and computational/mathematical methods; and collaborate with other members of the research group, including a second postdoc to be hired on a complementary project.

Required Qualifications:
Ph.D. in physical oceanography or a closely related field; proficiency with Matlab and/or python; peer-reviewed publication record (commensurate with career stage) in physical oceanography or a closely related field; excellent written and verbal communication skills; self-motivation and ability to work independently; effective decision-making skills and ability to plan and implement research strategies (in collaboration with the advisors/mentors) to efficiently achieve the project goals; ability to work effectively with colleagues from diverse backgrounds.

Preferred Qualifications:
Experience and expertise in time-series analysis; background knowledge about eastern boundary upwelling systems and air-sea interaction; experience working with satellite data and oceanographic mooring data.

Position Available: Immediately; start date to be determined by agreement with PI.

Application: For full consideration, apply by February 18, 2019. Applicants must send: (1) a cover letter describing academic experience, qualification and interest in the position; (2) a curriculum vitae; (3) official undergraduate and graduate transcripts; (4) names, addresses, telephone numbers, and email addresses of three professional references; and (5) reprints/preprints of representative publications. Application materials should be sent to: Dr. Melanie Fewings at melanie.fewings@oregonstate.edu. Oregon State University is an Affirmative Action / Equal Opportunity Employer.