



POSTDOCTORAL SCHOLAR POSITION

Physical Oceanography of the California Current System

The University of California, Santa Cruz, in collaboration with the National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Service, seeks a Postdoctoral Scholar in Physical Oceanography to work on improving understanding of California Current System dynamics across timescales including historical analyses, seasonal forecasts, and long-term projections. The candidate will work with global climate and earth system models, regional ocean models, and observational datasets. Specific research areas include (but are not limited to) marine ecosystem predictability, drivers of long-term change in global climate and regional ocean models, responses of the coastal ocean to climate variability, and impacts of ocean variability and change on the chemistry and biology of the CCS from phytoplankton to top predators. These efforts are part of broader interdisciplinary projects aimed at developing improved fisheries management strategies for the California Current System. The position will be based at the NOAA/SWFSC laboratory in Monterey, California.

The anticipated start date is May 1, 2020 (negotiable). Initial appointments are for 1 year, with reappointment up to three years pending performance review and funding availability. The position will remain open until filled. To ensure full consideration, applications should be submitted by March 13th, 2020.

BASIC QUALIFICATIONS: Ph.D. in physical oceanography or related discipline; strong quantitative skills; ability to synthesize model output and observational data; proficiency in programming languages such as MATLAB, R, or Python; willingness for collaboration with other postdoctoral researchers, students, and NOAA and University scientists; demonstrated ability to summarize scientific findings in the form of written manuscripts and oral presentations.

PREFERRED QUALIFICATIONS: Experience in numerical climate and/or ocean modeling; experience developing and leading research analyses; familiarity with climate models and climate data; knowledge of statistical downscaling techniques; proficiency with multivariate and spatial statistics.

LOCATION: Monterey, California

TO APPLY: Submit as a single PDF: (1) a letter of application that addresses how you meet the basic and preferred qualifications, (2) a curriculum vitae, (3) one to three representative publications, and (4) names and contact information of three references. Applications can be sent to Dr. Mike Jacox (michael.jacox@noaa.gov) and Dr. Steven Bograd (steven.bograd@noaa.gov).

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, or protected veteran status. UC Santa Cruz is committed to excellence through diversity and strives to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.