



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
Department of Ocean Sciences
Research Associate in Marine Ecosystem Modeling

DESCRIPTION

The Department of Ocean Sciences at the University of California, Santa Cruz, invites applications for a position of Postdoctoral Scholar to study coupled physical-biogeochemical-ecosystem processes in the California Current region. Specific research tasks include implementing and analyzing high-resolution coupled model simulations to: (1) quantify the impact of regional- and basin-scale processes on local upwelling dynamics, (2) determine the historical and present-day variability of nearshore pH and oxygen in response to coastal upwelling, (3) investigate the broader ecosystem response (plankton to fish) to long-term climate change. The postdoctoral scholar will work under the direct supervision of Prof. Jerome Fiechter and be part of a broader interdisciplinary research group that offers the possibility to collaborate closely with other postdoctoral scholars, graduate students and faculty at UC Santa Cruz, as well as researchers at NOAA's National Marine Fisheries Service.

Desired skills include experience in coupled physical-biogeochemical ocean modeling (preferably with ROMS) and the ability to visualize/synthesize model output and observational datasets. Working knowledge of programming languages (Fortran, Python) and LINUX/UNIX environment is a plus. Since the postdoctoral scholar will be expected to both lead independent research and work as a team member, willingness for collaboration and demonstrated ability to summarize scientific findings in the form of written manuscripts and oral presentations are also important.

ACADEMIC TITLE

Postdoctoral Scholar

SALARY

Commensurate with qualifications and experience. Minimum annual salary rates are made based on the individual's *Experience Level*, which is determined by the number of months of postdoctoral service at any institution. See current salary scale for Postdoctoral Titles at <https://apo.ucsc.edu/compensation/salary-scales/index.html>

BASIC QUALIFICATIONS

Ph.D. (or equivalent foreign degree) in ocean sciences, ecological modeling, or related discipline.

POSITION AVAILABLE

As soon as possible after initial review of the applications. Ph.D. must be in hand at time of the initial appointment.

MAXIMUM DURATION OF SERVICE IN A POSTDOCTORAL TITLE

Postdoctoral Scholar appointments are full-time; the initial appointment is for a minimum of one year, with the possibility of reappointment. Reappointment will be contingent upon positive performance review and availability of funding. The total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at any institution. Under limited circumstances, an exception to this limit may be considered, not to exceed a sixth year.

APPLICATION REQUIREMENTS

Applicants should submit a one-page statement of research experience and interests, a curriculum vitae, and contact information for up to three references to Prof. Jerome Fiechter (fiechter@ucsc.edu). Please refer to “Ecosystem modeling position” in the subject line of the email. Review of applications will begin immediately and proceed until the position is filled.

Documents/Materials

- One-page statement of research experience and interests.
- Curriculum vitae
- Contact information for up to three references

RECRUITMENT PERIOD

Applications will be accepted until the position is filled. Applications received by 9 March 2018 will receive full consideration.

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, sexual orientation, gender identity, 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. Inquiries regarding the University’s equal employment opportunity policies may be directed to the Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064 or by phone at (831) 459-2686.

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check (see <https://www.uscis.gov/e-verify>). More information is available at the APO website (see <https://apo.ucsc.edu/policy/capm/104.000%20.html>) or call (831) 459-4300.

UCSC is a smoke & tobacco-free campus.

If you need accommodation due to a disability, please contact the Academic Personnel Office at apo@ucsc.edu (831) 459-4300.

VISIT THE APO WEB SITE AT <http://apo.ucsc.edu>
[02/01/2018]