



UNIVERSITY OF CALIFORNIA  
**SANTA CRUZ**

UNIVERSITY OF CALIFORNIA, SANTA CRUZ  
OCEAN SCIENCES DEPARTMENT  
AND THE UCLA INSTITUTE OF GEOPHYSICS AND PLANETARY PHYSICS AND  
THE ATMOSPHERIC AND OCEANIC SCIENCE DEPARTMENT  
**Postdoctoral Scientist**

The Department of Ocean Sciences (<https://oceansci.ucsc.edu/>) at the University of California, Santa Cruz, and the Institute of Geophysics and Planetary Physics and Department of Atmospheric and Oceanic Sciences at the University of California, Los Angeles, invite applications for the position of Postdoctoral Scientist to study coupled physical and biogeochemical processes along the central California coast as influenced by ocean/estuarine exchange and by nutrient and other input from anthropogenic sources. The project involves the development of a high-resolution ocean model for the study region (outside the San Francisco Bay) using the Regional Ocean Modeling System (ROMS) and/or analysis of its output to understand the impact of local pollution on coastal ocean productivity, hypoxia, and acidification.

The Postdoctoral Scientist will work under the supervision of Profs. Christopher Edwards (UCSC) and James McWilliams (UCLA) and will collaborate with scientists at the Southern California Coastal Water Research Project Authority ([www.sccwrp.org](http://www.sccwrp.org)) and the San Francisco Estuary Institute ([www.sfei.org](http://www.sfei.org)). The scholar will be expected to lead their aspect of the project while simultaneously working as part of a team. Strong quantitative skills and experience with numerical models and scientific programming is advantageous, particularly with Fortran and either Matlab or Python. Strong communication and interpersonal skills are helpful.

Residency in either Santa Cruz or Los Angeles is possible with the expectation of travel between the two locations

#### **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 an area of ocean sciences, ecological modeling, or a related field.

#### **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 will be for 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**

Submit application materials to Professor Christopher Edwards ([cedwards@ucsc.edu](mailto:cedwards@ucsc.edu)).

#### **Documents/Materials**

- One-page statement of research experience and interests (required)
- Curriculum vitae (required)
- Contact information for up to three professional references

#### **RECRUITMENT PERIOD**

Full consideration will be given to applications completed by **April 19, 2019**. Applications received after this date will be considered only if the position has not been filled.

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](mailto:apo@ucsc.edu) (831) 459-4300. Visit the Apo Web Site at <http://apo.ucsc.edu>

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