

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

INSTITUTE OF MARINE SCIENCES POSTDOCTORAL SCHOLAR

The [Institute of Marine Sciences](#) at the University of California, Santa Cruz, in association with the [National Marine Fisheries Service \(NMFS\)](#), seeks a postdoctoral scholar/quantitative spatial ecologist to conduct habitat-specific assessments of demersal marine fish species off the west coast. Specific objectives are (1) to develop statistical models using associated habitat variables to predict densities of individual demersal fish species and multi-species fish assemblages, and (2) to couple these models with broad-scale seafloor habitat maps in a geographical-information-systems (GIS) environment to forecast fish densities on a regional basis. The appointee will work with NMFS scientists to compile appropriate data and to develop and evaluate various models. Results will be submitted as reports and peer-reviewed manuscripts, and presented at scientific conferences. Results will contribute to the conservation and management of sustainable marine fisheries and habitats and will advance our understanding of the ecological processes that influence distribution and abundance of marine fishes.

RANK: Postdoctoral Scholar

SALARY: \$50,628 to \$52,944 annually, commensurate with qualification and experience.

MINIMUM QUALIFICATIONS: Ph.D. in a relevant field of study. Experience in predictive population modeling, landscape ecology, spatial statistics, or related subject. Strong quantitative skills. Competence with programming environments (R, Matlab etc), databases, and ArcGIS (including spatial extensions). Abilities to work independently and as part of a team, strong communication and interpersonal skills.

TERM OF APPOINTMENT: Intent of initial appointment is for one year, full time, with possible reappointment for another year. Should the hiring unit propose reappointment, a review to assess performance will be conducted. In addition, reappointment is contingent upon availability of funding. For appointments within the University of California, the total duration of an individual's postdoctoral service may not exceed five years, including Postdoctoral service at other institutions. Under certain circumstances, a sixth year may be considered.

SPECIAL CONDITIONS OF EMPLOYMENT: In order to comply with security measures at NOAA Fisheries (a federal facility on the UCSC campus), the selected candidates will be required to participate in a federal security clearance, be fingerprinted, and wear a photo ID badge.

POSITION START DATE: As soon as possible after close of search

TO APPLY: *Electronic submissions are preferred.* Applicants should send 1) Curriculum Vitae, 2) a cover letter describing relevant research experience, and 3) two letters of recommendation* to mary.yoklavich@noaa.gov. You will receive email verification that your electronic submission has been received.

Alternatively, mail submission to:

Mary Yoklavich
NOAA NMFS/SWFSC
110 Shaffer Road
Santa Cruz, CA 95060

Please refer to Position #T11-29 in your reply

Inquiries can be sent to mary.yoklavich@noaa.gov

**All letters will be treated as confidential documents; please direct you references to UCSC's confidentiality statement at http://apo.ucsc.edu/academic_policies_and_procedures/cappm/confstm.htm*

CLOSING DATE: Position is open until filled. Initial consideration of applications will begin on **February 24, 2011**. Full consideration will be given to applications received by that date.

The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive 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: Office of Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (831) 459-3676. 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. More information is available [here](#) or from the Academic Personnel Office at (831) 459-5579.

If you need assistance due to a disability please contact the Academic Personnel Office at 499 Clark Kerr Hall (831) 459-5579. This position description is available in alternate formats, which may be requested from Academic Personnel at (831) 459-5579.