

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

DEPARTMENT OF OCEAN SCIENCES

POSTDOCTORAL SCHOLAR

The [University of California](http://www.ucsc.edu) invites applications for a Postdoctoral Scholar with extensive molecular biology experience for a position in the [Department of Ocean Sciences](http://www.ucsc.edu)' Microbial Environmental Genomics: Applications, Modeling, Experimentation and Remote sensing ([MEGAMER](http://www.ucsc.edu)) facility. The position is a collaborative effort between researchers at the University of California, Santa Cruz (UCSC) and the [Monterey Bay Aquarium Research Institute](http://www.mbari.org) (MBARI). Under the direction of Professor Jonathan Zehr and Dr. Chris Scholin, the successful candidate will conduct research enabling the development of new applications for use on the Environmental Sample Processor (ESP), a deployable, electromechanical/fluidic system designed to collect discrete water samples, concentrate microorganisms or particles, and automate application of molecular probes which identify microorganisms and their gene products (<http://www.mbari.org/ESP>). The primary research objective of this position will be to develop genetic probes for use on the sandwich hybridization assay (SHA) and real-time PCR modules aboard the ESP, each enabling assays to determine microbial community composition and physiological status. Furthermore, the successful candidate will work to create an array based workflow for rapidly screening and selecting useful probes. The successful candidate must be experienced with these or similar molecular biology techniques. The candidate may also be expected to participate in fieldwork.

RANK: Postdoctoral Scholar

SALARY RANGE: \$45,024 – \$55,464 annually, commensurate with qualifications and experience.

MINIMUM QUALIFICATIONS: Ph.D. or equivalent in biology, microbiology, biochemistry or a related field, with strong molecular biology skills. Candidate must be able to work effectively independent of direct supervision and possess strong written and verbal communication and interpersonal skills. A background in marine microbiology is desired but not required.

POSITION AVAILABLE: As soon as possible after the closing date. Candidate must be available to interview within two weeks of the closing date and must be available for work within 45 days of the closing date.

TERM OF APPOINTMENT: One year, full time, with additional one year renewal(s), contingent upon the availability of funding and a positive performance review.

TO APPLY: Electronic submissions are preferred. Applicants should send a Curriculum Vita, a summary of your research endeavors, and the names of three contactable references (with mailing and e-mail addresses) to:

Search Committee – Zehr Postdoctoral Scholar
Ocean Sciences Department
UC Santa Cruz
1156 High Street
Santa Cruz, CA 95064

Please refer to position #T08-68 in all correspondence.

Electronic inquires can be addressed to the above and sent to: zehradmin@pmc.ucsc.edu

CLOSING DATE: Position is open until filled. For full consideration, applications must be received by July 3, 2008.

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: Equal Employment Opportunity/Affirmative Action Office at the University of California, Santa Cruz, CA 95064; (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.

If you need assistance due to a disability please contact the Academic Personnel Office at 499 Clark Kerr Hall (831) 459-4300. This position description is available in alternate formats, which may be requested from the Academic Personnel Office at (831) 459-4300.