



The [Department of Microbiology and Environmental Toxicology](#) at the University of California, Santa Cruz (UCSC) invites applications for the position of Junior Specialist in Environmental Microbiology, under the direction of Professor Chad Saltikov. The candidate will contribute to research on subsurface microbial processes affecting the quality of groundwater during aquifer recharge.

The successful candidate will be expected to: implement nucleic acid extraction procedures for environmental samples; conduct PCR for taxonomical and function genes (e.g. nitrogen cycling); prepare nucleic acid samples for next-generation sequencing; maintain DNA sequencing data; culture bacteria; and assist in field sample collection. The position will require the selected candidate to successfully analyze and implement protocols; work accurately and efficiently; exercise flexibility and good judgment; and employ excellent organizational, time management, and problem-solving skills. Excellent interpersonal skills and a willingness to work with diverse groups of faculty, staff, researchers, and students are essential. We have a preference for candidates with expertise in microbiology and/or environmental genomics.

RANK: [Junior Specialist](#)

SALARY: Minimum salary \$37,548, commensurate with experience.

BASIC QUALIFICATIONS: Bachelor's degree (or foreign equivalent) in biology, microbiology, environmental science, bioinformatics or related field, and at least one year of molecular biology or microbiology laboratory research experience including nucleic acid isolation, DNA sequencing, recombinant DNA/PCR techniques, and sterile technique.

PREFERRED QUALIFICATIONS: Experience with environmental sample collection for extraction of nucleic acids (environmental DNA and/or RNA); PCR primer design; writing scientific reports for publication; familiarity with Python, QIIME, and DNA sequencing protocols next-generation sequencing platforms (e.g. Illumina MiSeq);

POSITION AVAILABLE: As soon as possible after closing date.

TERM OF APPOINTMENT: Initial appointment is for one year (full-time preferred, but part-time available), with potential reappointment. Should the hiring unit propose reappointment; a review to assess performance will be conducted. Reappointment is also contingent upon availability of funding.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include a letter of application that addresses how you meet the qualifications and a curriculum vitae that includes the contact information for three references. Documents/materials must be submitted as PDF files.

Apply at <https://recruit.ucsc.edu/apply/JPF00429>
Refer to Position #JPF00429-17T in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided via a third party (i.e., dossier service, career center), direct the author to UCSC's confidentiality statement at <http://apo.ucsc.edu/confstm.htm>.

CLOSING DATE: Review of applications will begin on 3/13/2017. To ensure full consideration, applications should be complete by this date. The position will remain open until filled, but not later than 12/31/2017.

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: Office for Diversity, Equity, and Inclusion 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. 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 (APO) at (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.