



The UCSC Paleogenomics Laboratory, in the [Department of Ecology and Evolutionary Biology](#) at the University of California, Santa Cruz (UCSC) invites applications for the position of SPECIALIST (open rank) in DNA Extraction, handling, and sequencing, under the direction of Dr. Beth Shapiro. The successful candidate will support and assist in research that uses a genomics approach to understand how genetic variation is distributed among populations over geographic space, and how this changes through time. The duties of this job are to: 1) extract DNA from a variety of tissues, including bone, hair, and other tissues, using in-house protocols; 2) assess the quality of DNA extractions using PCR and other quantitation methods; 3) prepare and quantify genomic libraries for next-generation sequencing; and 4) perform next generation sequencing using standard NGS equipment.

The selected candidate must be able to learn new techniques and implement protocols with attention to detail. We are particularly interested in identifying a candidate with experience using the Illumina sequencing technology. The selected candidate will also be expected to participate in the research of UCSC faculty through the development of DNA extraction, genomic library preparation, and genome editing techniques, training and supervision of users, and analytical measurements.

RANK: Junior, Assistant, Associate or Full Specialist (see rank qualifications: <http://apo.ucsc.edu/policy/capm/602.330.html>)

SALARY: \$37,563- \$103,584, commensurate with rank, qualifications and experience.

BASIC QUALIFICATIONS:

- Bachelor's degree or equivalent foreign degree in Molecular or Evolutionary Biology or related scientific field.
- At least 1 year of previous experience in laboratory research.
- Experience troubleshooting DNA extraction, PCR amplification, genomic library preparation, and DNA sequencing protocols.

PREFERRED QUALIFICATIONS:

- Master's degree or Ph.D. or equivalent foreign degree in Molecular or Evolutionary Biology or related scientific field.
- Previous experience with next-generation sequencing technologies and the analysis of next-generation sequencing data.
- Familiarity with bioinformatics pipelines for the quality control of next generation sequencing data.
- Good written and verbal communication skills as well as good time management and problem solving skills.
- Strong interpersonal skills and ability to work effectively in a team environment.
- Ability to work and interact with people of different skills, background and experiences.

POSITION AVAILABLE: As soon as possible after closing date.

TERM OF APPOINTMENT: Initial funding for this position is for one year, with the possibility of reappointment. Should the hiring unit propose reappointment, a review to assess performance will be conducted. In addition, reappointment is 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; curriculum vitae; and contact information for three references (confidential letters* will be sought for applicants under serious consideration). Documents/materials must be submitted as PDF files.

APPLY AT <https://recruit.ucsc.edu/apply/JPF00450>

Refer to Position #JPF00450-17T 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 May 25, 2017. To ensure full consideration, applications should be complete by this date. The position will remain open until filled, but not later than June 30, 2018.

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.

VISIT THE APO WEB SITE AT: <http://apo.ucsc.edu>

4/24/17