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 in genomic 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; 4) perform next generation sequencing using standard Next Generation Sequencing (NGS) equipment; and 5) perform preliminary quality control analyses of recovered data using bioinformatics approaches. The selected candidate must be able to learn new techniques and implement protocols with attention to detail and to participate in the research of UCSC faculty through DNA extraction, genomic library preparation, sequencing, analytical measurements, and through training and supervision of users. We are particularly interested in identifying a candidate with experience using the Illumina sequencing platform.

ACADEMIC TITLE
Junior - Associate Specialist (see rank qualifications: http://apo.ucsc.edu/policy/capm/602.330.html)

SALARY
Commensurate with qualifications and experience.

BASIC QUALIFICATIONS
• Bachelor’s degree or higher (or equivalent foreign degree) in Molecular or Evolutionary Biology or related scientific field at the time of application
• A minimum of 1 year of previous experience in laboratory research
• Knowledge of and experience with troubleshooting DNA extraction, PCR amplification, genomic library preparation, and DNA sequencing protocols
• Bioinformatic skills, including knowledge of command-line interfaces and UNIX as well as pipelines for analysis of quality control of NGS data

POSITION AVAILABLE
As soon as possible after initial review of the applications.

DURATION OF POSITION
Initial appointment will be full-time for one year with the possibility of reappointment. Should the hiring unit propose reappointment; a review to assess performance will be conducted. Reappointment is also contingent upon the availability of funding.

APPLICATION REQUIREMENTS
Applications are accepted via the UCSC Academic Recruit online system. All documents and materials must be submitted as PDFs.

APPLY AT https://recruit.ucsc.edu/apply/JPF00540.
Please refer to Position # JPF00540-18TP in all correspondence.

Documents/Materials
• Letter of application that briefly summarizes your qualifications and interest in the position (required)
• Curriculum vitae (required)
Reference Requirement
Applicants must provide the names and contact information of three references. The hiring unit will request confidential letters* from the references of those applicants who are under serious consideration. Please note that your references, or dossier service, will submit their confidential letters directly to the UC Recruit System.

*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.

RECRUITMENT PERIOD
Full consideration will be given to applications completed by June 1, 2018. Applications received after this date will be considered only if the position has not been filled.

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 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 (831) 459-4300.

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

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