DESCRIPTION
The Department of Biomolecular Engineering (https://www.soe.ucsc.edu/departments/biomolecular-engineering) at the University of California, Santa Cruz (UCSC) invites applications for the position of postdoctoral scholar, under the direction of Professor Josh Stuart. We seek a self-motivated, creative postdoctoral scholar who is experienced in high-throughput genomic and molecular biology data analysis, who is experienced in software development and programming, and experienced with deploying methods at large scale on massive datasets using cloud based approaches that are reproducible. The postdoctoral scholar will be expected to conduct research on topics related to the interpretation of single cell transcriptional datasets to identify regulatory mechanisms that underlie critical cell dynamics, and develop new methods for modeling, comparing, and searching for cell trajectories and hierarchies.

The selected candidate will be highly articulate and have demonstrated ability to collaborate with scientists, software engineers and students in the defined area of research. Candidates with extensive knowledge of software and algorithms for substring indexes are encouraged to apply.

Our exceptional collegiality and interdisciplinary collaborations make UCSC an excellent environment for an innovative postdoctoral scholar who can benefit from and contribute to the rapid growth in the sciences and engineering at UCSC.

ACADEMIC TITLE
Postdoctoral Scholar

SALARY
Commensurate with qualifications and experience. Minimum annual salary rates are made based on the individual’s Experience Level, which is determined by the number of months of postdoctoral service at any institution. See current salary scale for Postdoctoral Titles at https://apo.ucsc.edu/compensation/salary-scales/index.html

BASIC QUALIFICATIONS
Ph.D. (or equivalent foreign degree) in bioinformatics, machine-learning, computational biology, genomics, or a related discipline, and research experience in the field of systems biology, cancer genomics, or stem cell genomics.

POSITION AVAILABLE
As soon as possible after initial review of the applications. Ph.D. must be in hand at time of the initial appointment.

MAXIMUM DURATION OF SERVICE IN A POSTDOCTORAL TITLE
Postdoctoral Scholar appointments are full-time; the initial appointment is for a minimum of one year, with the possibility of reappointment. Reappointment will be contingent upon positive performance review and availability of funding. The total duration of an individual’s postdoctoral service may not exceed five years, including postdoctoral service at any institution. Under limited circumstances, an exception to this limit may be considered, not to exceed a sixth year.
APPLICATION REQUIREMENTS
All documents and materials must be submitted as PDFs and should be forwarded to Professor Josh Stuart at jstuart@ucsc.edu.

Please refer to Position # BME-PD-18T in all correspondence.

Documents/Materials
- Two-page summary of relevant experience and research plans (required)
- Curriculum vitae (required)
- Confidential letters of recommendation* (a minimum of 3 are required). Please note that your references should submit their confidential letters directly to Professor Josh Stuart.

*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 February 28, 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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