



**UNIVERSITY OF CALIFORNIA, SANTA CRUZ**  
**Department of Electrical and Computer Engineering**  
**Assistant Professor, Precision Medicine**

The [Department of Electrical and Computer Engineering](#) at the University of California, Santa Cruz invites applications for a tenure track (Assistant Professor) in Precision Medicine. We seek outstanding applicants who have demonstrated research and teaching expertise in one or more areas related to precision medicine, including but not limited to: devices and systems for diagnostics; genomics; proteomics; and signal analysis and communication theory applied to biosensors and biosignals. The successful candidate is expected to develop a research program, advise graduate students in their research area, obtain external funding, develop and teach courses within the undergraduate and graduate curriculum, perform university, public, and professional service, and be able to work with students, faculty, and staff from a wide range of social and cultural backgrounds.

We welcome candidates who understand the barriers facing women and minorities who are underrepresented in higher education careers (as evidenced by life experiences and educational background), and who have experience in equity and diversity with respect to teaching, mentoring, research, life experiences, or service towards building an equitable and diverse scholarly environment.

The Electrical and Computer engineering department strives to support a creative and forward-looking research program with faculties collaborating in many areas of Electrical and Computer Engineering and beyond. The department houses BS, MS, and PhD degree programs in Electrical Engineering and the BS degree program in Robotics Engineering. Our faculty includes six IEEE fellows, two AAAS fellows, two OSA fellows, and one ACM fellow. UCSC is home to many centers and research institutes including the UCSC Genomics Institute (<https://hausslergenomics.ucsc.edu>), the W. M. Keck Center for Nanoscale Optofluidics (<http://cfno.soe.ucsc.edu>), the Center for Molecular Biology of RNA (<http://rna.ucsc.edu/rnacenter/>), and the Cyber-Physical Systems Research Center (<https://cps.soe.ucsc.edu>).

UC Santa Cruz campus is located approximately 75 miles from San Francisco and 35 miles from the heart of Silicon Valley. Campus comprises two thousand acres of forested hills overlooking the Pacific Ocean and Monterey Bay with one of the most visually spectacular settings in higher education. In 2016-17, the *Times Higher Education* ranked UC Santa Cruz 4th in research influence.

### **ACADEMIC TITLE**

Assistant Professor

### **SALARY**

Commensurate with qualifications and experience; academic year (9-month basis).

### **BASIC QUALIFICATIONS**

A Ph.D. or equivalent foreign degree in Electrical and Computer Engineering, Electrical Engineering, Bioengineering, or other relevant field, expected to be completed by June 30, 2019; demonstrated record of research and teaching.

### **POSITION AVAILABLE**

July 1, 2019 (with academic year beginning September 2019). All Ph.D. requirements must be completed by June 30, 2020 for employment beyond that date.

### **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/JPF00650>

Please refer to Position # JPF00650-19 in all correspondence.

### **Documents/Materials**

- Letter of application that briefly summarizes your qualifications and interest in the position
- Curriculum vitae
- Statement addressing contributions to diversity through research, teaching, and/or service (required). Guidelines on diversity statements can be viewed at <https://senate.ucsc.edu/committees/caad-committee-on-affirmative-action-and-diversity/DivStateGuidelines.pdf>.
- Statement of research plans
- Statement of teaching interests and experience
- 3–4 selected publications
- 3 confidential letters of recommendation\*

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 **January 7, 2019**. Applications received after this date will be considered only if the position has not been filled.

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UC Santa Cruz faculty make significant contributions to the body of research that has earned the University of California the ranking as the foremost public higher education institution in the world. In the process, our faculty demonstrate that cutting-edge research, excellent teaching and outstanding service are mutually supportive.

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](mailto:apo@ucsc.edu) (831) 459-4300.

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

[09/17/19]