

# UNIVERSITY OF CALIFORNIA, SANTA CRUZ

## ELECTRICAL ENGINEERING

### Assistant Professor

The [Department of Electrical Engineering](#) at the University of California, Santa Cruz invites applications for a tenure-track (Assistant Professor) faculty position. We seek outstanding applicants whose research interests are in the area of biomedical electronics and nanotechnology, with applications in medicine and the life sciences. Prior experience working on interdisciplinary projects at the interface of engineering and the medical and life sciences is preferred. The campus is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and service.

The Electrical Engineering Department has growing B.S., M.S., and Ph.D. programs. We are part of the [Baskin School of Engineering](#), which is entering an exciting growth phase focused on fields that will be in great demand in Silicon Valley and elsewhere over the next decade. The school and department are expected to almost double in size over the next ten years. Research and instruction are supported by excellent computing facilities and state-of-the-art laboratories, a new engineering building completed in 2004, and a renovated Baskin Engineering Building with extensive wet labs, a clean room and experimental facilities. UCSC is close to Silicon Valley and has strong ties with many of the high-technology companies in the area. UCSC is the lead UC campus in the development of the [UC Silicon Valley Center](#) at NASA Ames Research Center in the heart of Silicon Valley. Electrical Engineering and the School of Engineering as a whole will be major participants in the development of this center, including teaching and research, with an emphasis on collaboration with NASA and Silicon Valley industry. In addition, EE faculty participate in two of the California Institutes for Science and Innovation (California Institute for Quantitative Biology and the California Institute for Information Technology in the Service of Society). UCSC also is a partner in the NSF funded Engineering Research Center in Biomimetic Microelectronic Systems (with USC and CalTech). Faculty salaries are competitive and opportunities for consulting are extensive.

UC Santa Cruz is nestled within 2,000 acres of redwood forest and meadows, overlooking the Monterey Bay National Marine Sanctuary of California's beautiful Central Coast, about 70 miles from San Francisco and 30 miles from Silicon Valley. Information about UC Santa Cruz is available on our web site at <http://www.ucsc.edu/oncampus/>.

**RANK:** Assistant Professor

**POSITION AVAILABLE:** July 1, 2008, contingent on availability of funding

**MINIMUM QUALIFICATIONS:** Ph.D. or equivalent in Electrical Engineering or a closely related field preferred by July 1, 2008 (must be conferred no later than June 30, 2009), demonstrated potential for excellence in research, and a strong commitment to graduate and undergraduate education. All applicants are expected to develop externally funded research programs.

**TO APPLY:** Applicants should submit a curriculum vitae, a statement of research plans, a statement of teaching interests, 3 – 5 selected publications (URLs or .pdf format preferred), and names of three to five people who are willing to write letters of recommendation\*, by the deadline of January 7, 2008. Applicants are invited to submit a statement addressing their contributions to diversity through their research, teaching, and/or service. **We strongly encourage electronic submission of your materials.** Directions are given at <https://www.soe.ucsc.edu/jobs/faculty/apply/>.

\*All letters will be treated as confidential documents; please direct your references to UCSC's confidentiality statement at: [http://www2.ucsc.edu/ahr/academic\\_policies\\_and\\_procedures/cappm/confstm.htm](http://www2.ucsc.edu/ahr/academic_policies_and_procedures/cappm/confstm.htm)

Alternatively, application materials may be mailed to:

Position #794-08  
Baskin School of Engineering  
University of California  
1156 High Street MS: SOE3  
Santa Cruz, California 95064  
E-mail: [ee recruit@soe.ucsc.edu](mailto:ee recruit@soe.ucsc.edu)

**Please indicate clearly that materials are for position #794-08 in your reply.**

**CLOSING DATE:** Screening will begin with applications received by January 7, 2008 and continue during academic year 2007-08; to ensure full consideration, applications must arrive by the deadline.

*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, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive 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: Equal Employment Opportunity/Affirmative Action Office 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.

If you need assistance due to a disability please contact the Academic Human Resources Office at 499 Clark Kerr Hall (831) 459-4300. This position description is available in alternate formats, which may be requested from Academic Human Resources at (831) 459-4300.