The Department of Electrical and Computer Engineering at the University of California, Santa Cruz (UCSC) invites applications for a Junior Specialist. Under the direction of Associate Professor Mircea Teodorescu, the Junior Specialist will participate in developing a new generation of Microelectrode array (MEA) sensors for sensing the neural connections in Organoid cortical models and a new electronic interface platform between the MEAs and the data recording instrument. The selected candidate will be expected to perform tasks in an organized manner, work accurately, meet deadlines, communicate results, and successfully work as an integral member of a research team.

Applicants with experience in using computer-aided design platforms, developing electronic circuits, and who have experience with rapid-prototyping, product fabrication in a clean room environment, and manufacturing of biomedical devices (e.g., fabricating, assembling, and testing) are strongly encouraged to apply.

ACADEMIC TITLE
Junior Specialist

SALARY
Commensurate with qualifications and experience.

BASIC QUALIFICATIONS
- Baccalaureate degree (or equivalent foreign degree) in Electrical and Computer Engineering or a closely related field at the time of application.
- One year of research experience relevant to the advertised position.

POSITION AVAILABLE
October 1, 2020

DURATION OF POSITION
Initial appointment will be 100% for one year. Reappointment may be considered contingent upon the availability of work and appropriate 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/JPF00815
Please refer to Position # JPF00815-20T in all correspondence.

Documents/Materials
- Letter of application that briefly summarizes your qualifications and interest in the position (required)
- Curriculum vitae (required)
- Statement that addresses past or potential contributions to diversity, equity, and inclusion (optional)
  [See UCSC guidelines for statements](https://apo.ucsc.edu/diversity.html)

RECRUITMENT PERIOD
Full consideration will be given to applications completed by May 22, 2020. 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.

Our institution is committed to addressing the spousal and partner employment needs of our candidates and employees. As part of this commitment, our institution is a member of the Northern California Higher Education Recruitment Consortium (NorCal HERC). Visit the NorCal HERC website at https://www.hercjobs.org/regions/higher-ed-careers-northern-california/ to search for open positions within a commutable distance of our institution.

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

4/13/2020