UNIVERSITY OF CALIFORNIA, SANTA CRUZ
SANTA CRUZ INSTITUTE FOR PARTICLE PHYSICS
Neurobiology

Project Scientist

We are seeking to hire a scientist with very substantial experience in neurobiology research to play a central role in the research conducted within the Neuroproject group at the Santa Cruz Institute for Particle Physics (SCIPP). The project is concerned with exploring central nervous system through large-scale multielectrode recording and stimulation of neural activity. For that purpose we use unique recording systems developed by the multidisciplinary collaboration led by SCIPP. The research is focused on visual system, retina in particular. The topics of investigation include functional organization of mammalian retina (multiple pathways represented by distinct retinal ganglion cell types), its development (role of molecular cues and activity in “wiring up” of the complex retinal circuitry), and amelioration of degenerative diseases leading to blindness (electrical retinal prosthesis). The successful candidate will have: (1) substantial experience in electrophysiology both with single electrode and multiple electrodes (experience in multielectrode array in-vitro retinal recording is a plus); (2) substantial experience in the analysis of electrophysiological data; (3) high proficiency and experience in using at least one of the following programming languages: MatLab, Java, LabView. Active and creative participation in research activities, ability to publish the results in peer-reviewed journals, and leadership skills will be required. This is a one-year appointment with the possibility of continuation subject to funds availability.

RANK & SALARY: Assistant Project Scientist I – Associate Project Scientist II; rank and salary are commensurate with experience and qualifications, with annual range between $49,100 – $63,700.

MINIMUM QUALIFICATIONS: Ph.D. in biology or physics. Substantial experience in single and multielectrode electrophysiology neuroscience research. Substantial experience in the analysis of electrophysiological data. High proficiency and experience in using at least one of the following programming languages: MatLab, Java, or LabView.

POSITION AVAILABLE: June 1, 2011

TO APPLY: Electronic submissions are preferred. Please send curriculum vitae, a brief summary of research interests, and three letters of reference* to: georgia@scipp.ucsc.edu, or send materials by post to:

Alexander Sher, Assistant Professor
c/o Ms Georgia Hamel
SCIPP - Natural Sciences II
University of California
Santa Cruz, CA 95064

Please refer to position #T11-47 in all correspondence

*All letters will be treated as confidential documents; please direct your references to UCSC’s confidentiality statement at http://apo.ucsc.edu/academic_policies_and_procedures/cappm/confstm.htm

CLOSING DATE: This position is open until filled, with initial screening of applications beginning on May 19, 2011. To ensure full consideration, all materials must be received by that date. Late submissions may not be considered.

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: Office of Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (831) 459-3676. 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. More information is available here or from the Academic Personnel Office at (831) 459-5579.

If you need assistance due to a disability please contact the Academic Personnel Office at 499 Clark Kerr Hall (831) 459-5579. This position description is available in alternate formats, which may be requested from Academic Personnel at (831) 459-5579.

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