



UNIVERSITY OF CALIFORNIA, DAVIS POSITION ANNOUNCEMENT

The University of California, Davis invites applications for a tenure-track position in computational neuroscience. The position will focus on computational models and methods at the molecular, cellular, circuit and/or systems levels; and/or on identifying general principles of brain function. The appointment will be at the Assistant Professor level and will be in one of the following departments: Neurobiology, Physiology, and Behavior (NPB, College of Biological Sciences); Psychology, Physics, Statistics (College of Letters & Sciences); Computer Science, Biomedical Engineering (College of Engineering); Cell Biology and Human Anatomy, Physiology and Membrane Biology (School of Medicine); or have a joint appointment between two of these departments within or across colleges and schools. Research space will be located at the interdisciplinary Center for Neuroscience (<https://neuroscience.ucdavis.edu/>), which houses a cluster of computational neuroscience faculty and many experimental neuroscience laboratories. Applications are sought from scholars who have strong and innovative research portfolios that would complement the existing research at the Center for Neuroscience and relevant academic departments. This search is part of an initiative to hire 10+ new faculty across multiple departments who focus on advanced computational theory and methods, including clusters of hires in computational neuroscience, neuroengineering, network science, and data science.

UC Davis, located approximately one hour from the San Francisco Bay area, has a large and highly collaborative neuroscience community, with a graduate group in neuroscience comprising over 90 faculty members. In addition to the interdisciplinary Center for Neuroscience that houses 25 faculty, there will be many opportunities for interactions with neuroscientists at the Center for Mind & Brain, the MIND Institute, the Complexity Sciences Center, and a variety of departments on the main campus and at the medical school.

Qualifications:

Ph.D. (or equivalent degree) in mathematics, statistics, computer science, engineering, physics, psychology, neuroscience, or related field (must be completed by the first day of classes, September 22, 2021); an active and productive research program in computational neuroscience focusing on identifying general principles of brain function and/or on modeling and methods at the molecular, cellular, circuit, and/or systems levels that connect to data obtained from different experimental techniques (but that would not require facilities for animal research); a demonstrated record of teaching, or evidence of the potential to teach undergraduate and graduate courses in the relevant academic department or departments; a record of attracting, or the potential to attract, extramural funding; and excellent potential for interactions/collaborations with existing faculty at the Center for Neuroscience and in the relevant departments. In addition, the appointee should be committed to mentoring a diverse student population and fostering diversity, equity, and inclusion.

Application Process:

The position will remain open until filled. To ensure full consideration, completed applications should be received by December 15, 2020. Applications received after this date will be reviewed by the search committee if the position has not yet been filled.

Applicants should submit a cover letter, curriculum vitae, statements of research and teaching interests, representative reprints and/or preprints, a statement of contributions to diversity, and at least three letters of recommendation electronically at: <https://recruit.ucdavis.edu/JPF03864>. To assure that the application is considered by the appropriate departments, the cover letter should indicate up to 2 choices for which would be the most appropriate academic departments from Neurobiology, Physiology, and Behavior; Psychology; Computer Science; Statistics; Physics; Biomedical Engineering; Cell Biology and Human Anatomy; or Physiology and Membrane Biology. Guidelines for writing a Statement of Contributions to Diversity, Equity, and Inclusion can be found at: <https://academicaffairs.ucdavis.edu/guidelines-writing-diversity-statement>.

For more information on the position, contact Prof. Mark Goldman (mgoldman@ucdavis.edu), Prof. Randy O'Reilly (oreilly@ucdavis.edu), Prof. Karen Moxon (moxon@ucdavis.edu), Prof. Marie Burns (meburns@ucdavis.edu), Prof. Daniel Cox

(dlcox@ucdavis.edu), Prof. Raissa D'Souza (raissa@cse.ucdavis.edu), Prof. Jane-Ling Wang (janelwang@ucdavis.edu), Prof. Jennifer Whistler (jlwhistler@ucdavis.edu), and/or Prof. Kim McAllister (kmcallister@ucdavis.edu). For technical questions, please contact Madhu Sharma (mssharma@ucdavis.edu).

UC Davis has a strong institutional commitment to diversity and received an NSF ADVANCE Institutional Transformation award for promoting diversity in STEM faculty, with emphasis on Hispanic Women/Latinas (<http://ucd-advance.ucdavis.edu/>). Several UC Davis ADVANCE initiatives, such as the Center for Multicultural Perspectives in Science (CAMPOS), in addition to Work-Life programs offered by the Office of the Vice Provost Academic Affairs are working together to make UC Davis a model for inclusivity and collegiality for all academic faculty, staff and students.

UC Davis supports Family-friendly recruitments. UC Davis covers travel expenses for a second person to accompany an invited faculty recruitment candidate who is a mother (or single parent of either gender) of a breast or bottle-feeding child less than two years of age. <http://academicaffairs.ucdavis.edu/programs/work-life/index.html>

UC Davis recognizes the necessity of supporting faculty with efforts to integrate work, family and other work-life considerations. To recruit and retain the best faculty, the campus sponsors a Work Life Program that provides programs and services that support faculty as they strive to honor their commitments to work, home and community. <http://academicaffairs.ucdavis.edu/programs/work-life/index.html>

The UC Davis Partner Opportunities Program (POP) is a service designed to support departments and dean's offices in the recruitment and retention of outstanding faculty. Eligibility for POP services is limited, for full program details please visit <http://academicaffairs.ucdavis.edu/programs/partner-opp/index.html>

For questions regarding how these policies/programs affect academic appointees, contact the Director of Faculty Relations and Development, (530) 752-7643

UC Davis and UC Davis Health System are smoke- and tobacco-free campuses. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any property owned or leased by UC Davis and/or UC Davis Health System -- indoors and outdoors, including parking lots, industrial and residential space.