

## Postdoctoral Scholar – UCSD Neurosciences

### DESCRIPTION

The Dore laboratory, in the Department of Neurosciences, at the University of California, San Diego, is conducting an open search for a Postdoctoral Scholar. The Dore lab is interested in mechanisms underlying synaptic weakening, especially in the context of Alzheimer's disease. To study how synapses are affected during Alzheimer's and to develop approaches to reverse synaptic damage, we use a combination of imaging (immunofluorescence, fluorescence lifetime imaging), patch-clamp electrophysiology and biochemical techniques. For this specific project, we are looking for someone with experience in brain slice electrophysiology to investigate a novel therapeutic strategy in Alzheimer's disease model mice. Dr. Dore has been working in the Neurosciences department since 2012, under Dr. Roberto Malinow, a pioneer in synaptic plasticity, until 2017. Since then, Dr. Dore has been leading her independent research program and recently received substantial funding from the National Institute on Aging (NIA) to pursue studies aiming to characterize the role of PSD-95 in Alzheimer's disease.

The University of California employs about 5,963 postdoctoral scholars (approx. 1,200 at UCSD) who contribute to the academic community by enhancing the research and education programs of the university. The postdoctoral experience emphasizes scholarship and continued research training. UC's postdoctoral scholars bring expertise and creativity that enrich the research environment for all members of the UC community, including graduate and undergraduate students. Appointment durations vary depending on the length of the research project and availability of funding. Total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at other institutions. The International Union, United Automobile, Aerospace and Agricultural Implement Workers of America (UAW) is the exclusive representative of the postdoctoral scholars.

Applicants should submit their statement of research and describe specific qualifications related to this position in their C.V. and cover letter.

Review of applications will commence on October 15, 2021 and will continue until a qualified candidate is selected. Salary is commensurate with qualifications and based on published University of California pay scales.

### Basic Qualifications:

Applicants must have Doctorate degree in Neurosciences or related fields. Appointment is dependent on academic experience, scholarly achievements, skills and knowledge.

### Preferred Qualifications:

The successful applicant will have a strong background in brain slice electrophysiology as well as synaptic plasticity, and an interest in contributing to Alzheimer's disease research. Applicants should also adhere to UCSD Principles of community and commit to mentoring and research training service to build equitable and diverse scholarly environment.

**Applicants may apply by sending an email to the PI: [kdore@health.ucsd.edu](mailto:kdore@health.ucsd.edu)**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

## **REQUIREMENTS**

### **Document requirements**

Cover Letter

Curriculum Vitae - Your most recently updated C.V.

Statement of Research - Describe your scientific contributions

### **Reference requirements**

3 required (contact information only)

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer. You have the right to an equal employment opportunity.

For more information about your rights, see the EEO is the Law Supplement

The University of California, San Diego is committed to providing reasonable accommodations to applicants with disabilities.