

Staff Research Associate I (9613C) - 1821 - 1821
University of California Berkeley

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Job Title	Staff Research Associate I (9613C) - 1821 - 1821
Department	Department of Molecular & Cell Biology
Institution	University of California Berkeley Berkeley, California
Date Posted	Oct. 4, 2019
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
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Job Description

Staff Research Associate I (9613C) - 1821 - 1821

About Berkeley

The University of California, Berkeley, is one of the world's most iconic teaching and research institutions. Since 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world. Berkeley's culture of openness, freedom and acceptance academic and artistic, political and cultural make it a very special place for students, faculty and staff.

Berkeley is committed to hiring and developing staff who want to work in a high performing culture that supports the outstanding work of our faculty and students. In deciding whether to apply for a staff position at Berkeley, candidates are strongly encouraged to consider the alignment of the Berkeley Workplace Culture with their potential for success at

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[url=https://apptrkr.com/get_redirect.php?id=1648597&targetURL=http://jobs.berkeley.edu/why-berkeley.html]http://jobs.berkeley.edu/why-berkeley.html.

Application Review Date

The First Review Date for this job is: October 14, 2019

Departmental Overview

The Department of Molecular & Cell Biology (MCB) is home to undergraduate and graduate academic programs as well as Faculty Research performed by faculty organized in five divisions:

- * Biochemistry, Biophysics and Structural Biology
- * Cell and Developmental Biology
- * Genetics, Genomics and Development
- * Immunology and Pathogenesis
- * Neurobiology

Responsibilities

- * Inject viral gene expression vectors into the eye or brain of anesthetized mice.
- * Run electrophysiology assays involving multi-electrode arrays or extracellular field potential electrodes.
- * Compile and analyze electrophysiological data under the supervision of students and post-docs in the lab. This involves use of standard analysis programs and basic Excel for transferring and graphical representation of the data.
- * Run behavioral experiments with vision-impaired mice to test drug and gene therapy improvement of visual acuity.
- * Cloning of AAV viral templates. This includes obtaining DNA sequences from other labs and designing primers to assemble AAV expression plasmids.
- * Maintenance of mouse colonies. This includes setting up mouse pairs and daily checks to ensure animal health. Setting up breeding schemes and genotyping mouse colonies as necessary.

Required Qualifications

- * Conceptual and practical knowledge of general chemistry, for calculations of molarity, molality, osmolarity, and physiological solution preparation. Basic computer skills, such as Excel, Word, and

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Powerpoint.

Education/Training:

- * Bachelors degree or equivalent in biology, biochemistry, neuroscience, or related discipline.

Licenses or certifications required, if any:

- * OLAC approval will be required for in vivo mouse handling and surgery.
- * The candidate will receive on-the-job training to obtain this approval.
- * Biosafety training is required for the handling of adeno associated viral stocks

Preferred Qualifications

- * Basic electrophysiology skills including electrode fabrication, extracellular recording and troubleshooting methods.
- * Basic knowledge of electrophysiology acquisition and analysis software (e.g. pClamp).
- * Cell culture experience.
- * Experience with handling of mice, basic sterile techniques, surgical procedures.

Salary & Benefits

This position is a non-exempt, bi-weekly paid position. Hourly pay for this role is commensurate with experience.

For information on the comprehensive benefits package offered by the University visit:

[url=https://apptrkr.com/get_redirect.php?id=1648597&targetURL=http://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html]http://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html

How to Apply

Please submit your cover letter and resume as a single attachment when applying.

Other Information

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This position is governed by the terms and conditions in the agreement for the Research Support Professionals Unit (RX) between the University of California and the University Professional and Technical Employees (UPTe). The current bargaining agreement manual can be found at: [\[url=https://apptrkr.com/get_redirect.php?id=1648597&targetURL=http://ucnet.universityofcalifornia.edu/labor/units/rx/index.html\]](https://apptrkr.com/get_redirect.php?id=1648597&targetURL=http://ucnet.universityofcalifornia.edu/labor/units/rx/index.html)<http://ucnet.universityofcalifornia.edu/labor/bargaining-units/rx/index.html>

Equal Employment Opportunity

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For the complete University of California nondiscrimination and affirmative action policy see:

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

N/A

University of California Berkeley

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