

Staff Research Associate (9612C) - 14539  
University of California, Berkeley

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Posted Jan. 15, 2021, set to expire May 15, 2021

<b>Job Title</b>	Staff Research Associate (9612C) - 14539
<b>Department</b>	
<b>Institution</b>	University of California, Berkeley Berkeley, California
<b>Date Posted</b>	Jan. 15, 2021
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Classified Staff
<b>Academic Field(s)</b>	Research/Technical/Laboratory
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**Job Description**

Staff Research Associate (9612C) - 14539

About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual,

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economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [\[url=https://apptrkr.com/get\\_redirect.php?id=2123294&targetURL=https://strategicplan.berkeley.edu/guiding-values-and-principles/\]](https://apptrkr.com/get_redirect.php?id=2123294&targetURL=https://strategicplan.berkeley.edu/guiding-values-and-principles/)Guiding Values and Principles, our [\[url=https://apptrkr.com/get\\_redirect.php?id=2123294&targetURL=https://diversity.berkeley.edu/principles-community\]](https://apptrkr.com/get_redirect.php?id=2123294&targetURL=https://diversity.berkeley.edu/principles-community)Principles of Community, and [\[url=https://apptrkr.com/get\\_redirect.php?id=2123294&targetURL=https://strategicplan.berkeley.edu/\]](https://apptrkr.com/get_redirect.php?id=2123294&targetURL=https://strategicplan.berkeley.edu/)our Strategic Plan[\[url=https://apptrkr.com/get\\_redirect.php?id=2123294&targetURL=https://strategicplan.berkeley.edu\]](https://apptrkr.com/get_redirect.php?id=2123294&targetURL=https://strategicplan.berkeley.edu).

#### Application Review Date

The First Review Date for this job is: January 28, 2021

#### 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

The focus of the Hockemeyer Lab is to establish reliable models of human diseases using genetically engineered human and stem cell and mouse models and functional genomics screening approaches. We are particularly interested in developing rigorous genetic approaches to study human disease, development and cell biology where conventional animal models or tissue culture systems do not adequately recapitulate human biology. To do this we are leveraging our expertise in human stem cell techniques and genome editing, humanized mouse models to elucidate processes of human stem cells

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renewal and differentiation and during tumor formation. For more information, visit the [url=https://apptrkr.com/get\\_redirect.php?id=2123294&targetURL=http://mcb.berkeley.edu/labs/hockemeyer/](https://apptrkr.com/get_redirect.php?id=2123294&targetURL=http://mcb.berkeley.edu/labs/hockemeyer/) Lab website.

### Responsibilities

- \* Isolation and generation of mouse embryonic fibroblasts for the lab. This includes weekly thawing, passaging, counting and plating of cells. In addition, this involved to newly isolate MEFs and replenish frozen MEFs stocks. To do this the SRA will learn how to set up breeding's, weaning's, and euthanizing mice.
- \* Assisting other members in the lab with research projects. Specifically, optimizing and testing tissue culture and molecular biology protocols such as differentiation or staining protocols. This will be done with the guidance of the PI and other lab members. This involves planning, designing the experiments discussing the outline of the experiment/ protocol with the PI, conducting the experiments, analyzing results and interpreting data under the supervision of the PI.
- \* Standard molecular biology and tissue culture techniques.
- \* The SRA will assist lab members with the maintenance and characterization of human stem cell cultures and genotyping of stem cells. To do this the SRA will learn to isolate DNA from human stem cells, amplify DNA by PCR and prepare samples for sequence analysis. This genotyping will require daily record keeping in laboratory notebook to record the samples analyzed and the attendance at weekly lab meetings to understand the basic objectives of the research project.
- \* Lab support duties including autoclaving waste and ordering and restocking supplies.
- \* Assisting with protocol renewals and safety inspections.

### Required Qualifications

- \* Experience with sterile tissue culture techniques, PCR, basic lab maintenance duties, excellent organizational skills and attention to detail.
- \* Bachelor's degree in the life sciences, preferably Biology, Molecular and Cell Biology, Biochemistry, 1-year (cumulative) experience working in a biology research lab and/or equivalent experience/training.
- \* Experience with sterile tissue culture and molecular biology techniques.

### Preferred Qualifications

- \* Mouse handling and experience with molecular biology techniques, knowledge of lab safety procedures, capability to design and conduct experiments and analyze data.

### Salary & Benefits

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This is an exempt, monthly paid position. Annual salary is commensurate with experience.

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

[url=https://apptrkr.com/get\_redirect.php?id=2123294&targetURL=https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html]https://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

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 (UPTA). The current bargaining agreement manual can be found at:

[url=https://apptrkr.com/get\_redirect.php?id=2123294&targetURL=http://ucnet.universityofcalifornia.edu/labor/units/rx/index.html]http://ucnet.universityofcalifornia.edu/labor/bargaining-units/rx/index.html

#### Equal Employment Opportunity

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, or protected veteran status. For more information about your rights as an applicant see:

[url=https://apptrkr.com/get\_redirect.php?id=2123294&targetURL=https://www.eeoc.gov/sites/default/files/mig]

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

[url=https://apptrkr.com/get\_redirect.php?id=2123294&targetURL=http://policy.ucop.edu/doc/4000376/Nondis]

To apply, visit

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#### Contact Information



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

**Contact**

N/A

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