

Staff Research Associate 2 (9612C) Innovative Genomics
Institute, 74117
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=248172>

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Posted Nov. 4, 2024, set to expire Mar. 2, 2025

Job Title	Staff Research Associate 2 (9612C) Innovative Genomics Institute, 74117
Department	Innovative Genomics Institute
Institution	University of California, Berkeley Berkeley, California
Date Posted	Nov. 4, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular Biology - Cell Biology Biology - Biochemistry Biology - General
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Job Description

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Staff Research Associate 2 (9612C) Innovative Genomics Institute, 74117

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

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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, 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 [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

The Innovative Genomics Institute is a joint effort between the Bay Area's leading scientific research institutions, UC Berkeley and UC San Francisco, with affiliates at UC Davis, Lawrence Berkeley National Laboratory, Lawrence Livermore National Laboratory, Gladstone Institutes, and other institutions. The IGI's diverse group of leading scientists have powerful interdisciplinary expertise. They conduct world-class research, driven by the real possibility of using genome engineering to treat human diseases, end hunger, and respond to climate change.

In addition to our scientific efforts, the IGI is committed to advancing public understanding of genome engineering, providing resources for the broader community, and guiding the ethical use of these technologies.

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Application Review Date

The First Review Date for this job is: 11/15/2024

Responsibilities

This Staff Research Associate II provides a variety of support and research functions within the lab. Primary responsibilities include 1) The SRA will assist lab members with molecular biology techniques and tissue culture techniques. The SRA will culture and maintain the pluripotent stem cell cultures (hPSCs) which includes the passaging of stem cell clones, isolation of genomic DNA and genotyping cells by PCR and sequencing. 2) The SRA will support a large-scale hPSCs genome engineering workflow that involving genome editing, project tracking, quality control of reagents and materials, and report writing. 3) The SRA will work on various research projects that involve planning, designing and conducting experiments, analyzing results and interpreting data under the supervision of the PI 4) In addition, the SRA will assist with duties such as autoclaving, ordering and restocking lab supplies and 5) managing protocols and ensuring lab safety and protocol compliance.

Key Responsibilities

- The SRA will culture and maintain the pluripotent stem cell cultures (hPSCs) which includes the passaging of stem cell clones, isolation of genomic DNA and genotyping cells by PCR and sequencing. Support a large-scale hPSCs genome engineering workflow that involving genome editing, project tracking, quality control of reagents and materials, and report writing.
- Standard molecular biology and tissue culture techniques. Assists lab members with the maintenance and characterization of human stem cell cultures and genotyping of stem cells which entails the isolation 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.
- Assists with research projects including 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. Plans and designs 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. Troubleshoots experiments which include PCR and genotyping.
- Lab support duties including autoclaving waste and ordering and restocking supplies.
- Assisting with protocol renewals and safety inspections.

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Required Qualifications

- Experience with sterile tissue culture techniques, PCR, basic lab maintenance duties, excellent organizational skills and attention to detail.
- Experience with molecular biology techniques, knowledge of lab safety procedures, capability to design and conduct experiments and analyze data.
- Experience with lab automation, knowledge of material and information tracking in large scale experiments.

EDUCATION / TRAINING

- Bachelor's degree in the life sciences, preferably Biology, Molecular and Cell Biology, Biochemistry, and/or equivalent experience/training.
- 1-year (cumulative) experience working in a biology research lab.

Salary & Benefits

This is a 100% full-time (40 hrs a week) exempt career position, which is paid monthly and eligible for full UC Benefits.

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is **\$60,245.54 [Step 1] - \$74,904.02 [Step 12]**.

How to Apply

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To apply, please submit your resume and cover letter.

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: <http://ucnet.universityofcalifornia.edu/labor/bargaining-units/rx/index.html>
- This is a hybrid position, with up to 10% remote work eligibility.

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, please see [the U.S. Equal Employment Opportunity Commission](#) poster.

For the complete University of California nondiscrimination and affirmative action policy, please see the University of California [Discrimination, Harassment, and Affirmative Action in the Workplace](#) policy.

To apply, visit

https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS.CG_S

Contact Information

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

Contact

N/A

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