

Research Technician (9613C), Innovative Genomics
Institute - 67554
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=234669>

Downloaded On: May. 16, 2024 7:51am

Posted Apr. 15, 2024, set to expire Jun. 30, 2024

Job Title	Research Technician (9613C), Innovative Genomics Institute - 67554
Department	Innovative Genomics Institute
Institution	University of California, Berkeley Berkeley, California
Date Posted	Apr. 15, 2024
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

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Research Technician (9613C), Innovative Genomics Institute - 67554

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

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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 (IGI) is a partnership between the University of California, Berkeley and the University of California, San Francisco. The IGI envisions a world in which genome-engineering innovations benefit humanity and are accessible to all. The Institute's mission is to accelerate genome discovery and translation of resulting technologies in order to ethically and equitably improve human health and sustainable agriculture. Combining the fundamental research expertise and the biomedical talent, the IGI focuses on unraveling the mechanisms underlying CRISPR-based genome editing and applying this technology to cure disease, combat climate change, ensure food sustainability, and provide additional benefits for current and future generations. The IGI consists of four central programs: Human Health, Sustainable Agriculture, Advancing Genome Engineering, and Public Impact. Unlike the first three, the Public Impact program does not involve laboratory research but instead focuses on accomplishing the goal of IGI founder, Jennifer Doudna, to ensure that genome engineering makes the world a better place. To complement the laboratory work, the Public Impact Program places special emphasis on connecting the science of genome engineering to the world. The role of the Public Impact program is to engage in societal research, public and stakeholder

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engagement, outreach, and policy to align genome editing applications with societal needs and values, ensuring that benefits are ethical, accessible, and desirable.

Application Review Date

The First Review Date for this job is: Friday, April 26, 2024

Responsibilities

- Assists with lab experiments designed by supervisor, including performing phage and microbial genetic screens under supervision.
- Assists in isolating, propagating, and editing bacteriophages, as well as culturing of microbial communities, microbiome editing, cloning, and DNA library preparation.
- As needed, diagnoses and resolves strategic problems in experiments or samples.
- Generates reagents for phage editing microbiome engineering as designed by supervisor
- Trains undergraduates and junior laboratory assistants
- Processes data including calculating transformation and targeted DNA editing efficiencies
- Organizes and stores laboratory equipment and chemicals, including general chemicals and custom molecular and microbiology reagents.

Required Qualifications

- Strong organizational skills.
- Experience working with bacteriophages.
- Molecular biology experience.
- Experience with handling nucleic acids is desirable.
- Cloning experience.
- Microbial cultivation experience.

Education/Training:

- Bachelor's degree in related area and /or equivalent experience / training.

Preferred Qualifications

- Good communication skills.

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- Ability to keep a detailed record of experimental and results.

Salary & 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 \$25.75 (step 1.0)- \$26.35 (step 2.0).

- This is a 100%, full-time (40 hours per week), career position that is eligible for full UC benefits.
- This position is non-exempt and paid bi-weekly.

How to Apply

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>.

Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified

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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.

The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#).

To apply, visit

https://careerspub.universityofcalifornia.edu/psp/ucb/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCH

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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