

Staff Research Associate (9612C) Innovative Genomics
Institute, 72550
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=244912>

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Posted Sep. 16, 2024, set to expire Jan. 11, 2025

Job Title	Staff Research Associate (9612C) Innovative Genomics Institute, 72550
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Sep. 16, 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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Staff Research Associate (9612C) Innovative Genomics Institute, 72550

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 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.

Application Review Date

The First Review Date for this job is: 9/26/2024

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Responsibilities

Under the general direction of the IGI Plant Genomics and Transformation Facility (PGTF) Director, the Staff Research Associate (SRA) II is responsible for establishing and improving plant transformation and gene editing protocols in major crop species. Responsibilities include producing materials for use in experiments, maintaining materials in growth chamber and greenhouse settings, and conducting experiments such as introducing DNA and RNPs into plants and regenerating plants via tissue culture. The SRA is expected to contribute original ideas to advance PGTF research as well as conduct inter-laboratory collaboration, including the exchange of materials and information.

Key Responsibilities:

- 45%: Establish and improve plant transformation and gene editing protocols in major crops. Generate and maintain transgenic/genome-edited tissue culture lines.
- 20%: Produce and maintain donor plant material and transgenic/genome-edited plants in growth chambers and greenhouses. Optimize growing conditions and manage pests.
- 10%: Conduct inter-laboratory collaboration, including the exchange of materials and information.
- 10%: Prepare media for bacterial and tissue culture.
- 5%: Contribute original ideas in various facets of research endeavors.
- 5%: Provide technical training for IGI PGTF researchers and facility users.
- 5%: General lab maintenance including biological waste disposal and organizing freezer/fridge space.

Required Qualifications

- Experience with plant tissue culture and transformation techniques e.g. Agrobacterium, biolistics, PEG (polyethylene glycol) and/or electroporation.
- Experience in plant care and greenhouse work.
- Excellent interpersonal communication skills.
- Highly motivated and diligent in work ethic.
- Excellent organizational skills (keeping track of schedule, paperwork, sample storage, and inventory).
- General computer skills (Microsoft Word, PowerPoint, Excel) for keeping track of results and sharing progress.

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EDUCATION

- Bachelor's degree (Biology, Biochemistry, Bioengineering, Molecular Biology, or Cell Biology) and/or equivalent experience/training.

Preferred Qualifications

- Experience with standard molecular biology techniques: PCR; electrophoresis; western blot; microscopy.

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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] - \$96,914.75 [step 25]**.

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 (UPTe). 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.

Conviction History Background

This is a designated position requiring fingerprinting and a background check due to the nature of the



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job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Mandated Reporter

This position has been identified as a Mandated Reporter required to report the observed or suspected abuse or neglect of children, dependent adults, or elders to designated law enforcement or social service agencies. We reserve the right to make employment contingent upon completion of signed statements acknowledging the responsibilities of a Mandated Reporter.

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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