Assistant/Associate Project Scientist - Bioengineering - QB3
University of California Berkeley

Job Title	Assistant/Associate Project Scientist - Bioengineering - QB3
Department	Bioengineering
Institution	University of California Berkeley Berkeley, California
Date Posted	Aug. 6, 2024
Application Deadline	09/05/2024
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Bioengineering (all Bio-related fields)
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Job Description	

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Position overview
Salary range: The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table(s) for the current salary scale(s) for this position: https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t37-b.pdf. The current base salary range for this position is $74,100 -$111,400. "Off-scale" salaries, which yield compensation that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions

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Percent time: 100%

Anticipated start: Summer/Fall 2024

Position duration: One year with the possibility of extension based on performance and availability of funding.

Application Window
Open date: August 5, 2024

Next review date: Monday, Aug 19, 2024 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.

Final date: Thursday, Sep 5, 2024 at 11:59pm (Pacific Time)
Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The California Institute for Quantitative Biosciences at UC Berkeley (QB3-Berkeley) harnesses the quantitative sciences of physics and engineering to unify our understanding of biological systems at all levels of complexity, from atoms and molecules to cells, tissues, and entire living organisms. The Streets Lab in QB3 applies lessons from mathematics, physics, and engineering to invent tools to dissect and quantify complex biological systems. The goal is to uncover laws that govern the interactions of molecules inside the cell and the interactions between cells in a tissue or organism by making precision measurements on single cells.

The Streets Lab is receiving applications for an assistant or associate project scientist to lead a research project to develop new tools for spatial transcriptomic.

This project scientist will be responsible for leading a research project in the Streets Lab to develop new technology for spatially resolved genomic analysis. The project requires the development of new molecular strategies, hardware platforms, and computational infrastructure to collect, process, and interpret spatially resolved genomic data. Research responsibilities include reporting directly to the PI, and working with postdoctoral researchers, and PhD students, regarding reading of scientific literature, design of experiments, collection, processing, analysis, and interpretation of data. Responsibilities also include presenting results through research presentations and scientific manuscripts and contributions to grant proposals or research summaries for potential donors. Duties include weekly meetings with PI,

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lab members, and collaborators, reporting updates and planning experiments, and staying up to date with relevant literature.

Lab: https://streetslab.berkeley.edu/

Qualifications
Basic qualifications (required at time of application)
Ph.D. or equivalent international degree.

Additional qualifications (required at time of start)

- Three or more years of postdoctoral research experience.

Preferred qualifications

- Ph.D. or equivalent degree in experimental and computational genomics.
- Publication record that includes work related to genomic technology development.
- Experience with hydrogel chemistries for nucleic acid capture and sequencing.
- Experience with highly-multiplexed genomic analysis.
- Experience with developing computational pipelines for single-cell analysis.
- Experience with technology development and engagement with both the public and private sectors.
- Academic and private fundraising.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research (Optional)

Reference requirements

- 3 required (contact information only)

Apply link: https://aprecruit.berkeley.edu/JPF04541

Help contact:

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astreets@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging. The excellence of the institution requires an environment in which the diverse community of faculty, students, and staff are welcome and included. Successful candidates will demonstrate knowledge and skill related to ensuring equity and inclusion in the activities of their academic position (e.g., teaching, research, and service, as applicable).

The University of California, Berkeley 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, age, or protected veteran status.

Please refer to the University of California's Affirmative Action Policy and the University of California's Anti-Discrimination Policy.

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality prior to submitting their letter.

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

Job location
Berkeley, CA

To apply, visit https://aprecruit.berkeley.edu/JPF04541

Contact Information

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Contact

N/A
University of California Berkeley
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