

Scientific Director, Cal-CryoQB3, UC Berkeleys Cryo-EM  
Facility  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=251531>

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Posted Jan. 13, 2025, set to expire Feb. 13, 2025

<b>Job Title</b>	Scientific Director, Cal-CryoQB3, UC Berkeleys Cryo-EM Facility
<b>Department</b>	
<b>Institution</b>	University of California Berkeley Berkeley, California
<b>Date Posted</b>	Jan. 13, 2025
<b>Application Deadline</b>	02/13/2025
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Professional Staff Director/Manager
<b>Academic Field(s)</b>	Biology - General
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**Job Description**

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**Scientific Director, Cal-CryoQB3, UC Berkeleys Cryo-EM Facility**

**Position overview Position title:** Scientific Director

**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](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 \$90,100 - \$140,700 annually. "Off-scale" salaries, which

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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.

**Percent time:** 100%

**Anticipated start:** March 2025

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

**Application Window**

**Open date:** January 12, 2025

**Next review date:** Sunday, Jan 26, 2025 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

**Final date:** Thursday, Feb 13, 2025 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**

[Cal-Cryo@QB3](#) is a core research facility that provides researchers with access to state of the art cryo electron Microscopes and related tools for high resolution structural biology imaging experiments. The California Institute for Quantitative Biosciences at UC Berkeley (QB3-Berkeley) is the home for Cal-Cryo. QB3-Berkeley supports research at the interface of the physical, biological, and engineering sciences. It is home to some of the world's leading laboratories in the application of cryo-EM to biological problems, and in the development of new cryo-EM imaging and computational technologies.

[Cal-Cryo@QB3](#) is searching for a Scientific Director who will contribute to the cryo-EM research community at UC Berkeley via their independent contributions and by overseeing the Cal-Cryo facility.

**Responsibilities:**

The scientific director will be responsible for all aspects of the operations of Cal-Cryo.

70% Collaborating with UC Berkeley researchers, carrying out collaborative research, acquiring and analyzing data, and preparing results for publication

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- Mentoring UC Berkeley undergraduate and graduate students and postdoctoral fellows in cryo-electron microscopy and cryo-electron tomography application and execution.
- Collaborating with UC Berkeley faculty to acquire funding for facility instrumentation. Conceiving, preparing, and submitting proposals for instrumentation grants, supplement grants, etc. Coordinating with faculty to assemble competitive proposals.
- Creating and running workshops to teach researchers cryo-EM: theory, sample prep, data acquisition, analysis and preparation for publication. Teaching researchers to use the Cal-Cryo instruments and analysis software.
- Coordinating and/or performing the use and maintenance of the Cal-Cryo instruments, such as use of the equipment by researchers, regularly checking alignments, facilitating and supporting remote users, maintaining records, general organization and upkeep of the lab, etc.
- Solicit usage by outside clients from industry and supervise fee-for-service data collection and analysis services.

20% Carrying out independent research on optimizing electron microscopy methodologies and best practices

- Engaging with researchers and vendors to stay current in emerging techniques and technologies in the field, and implementing best practices and emerging methodologies at Cal-Cryo.
- Providing a hub for the cryo-EM community at UC Berkeley: inviting vendors or researchers to give workshops or seminars.
- Representing UC Berkeley's facility and research at local, national, and international conferences.

10% Recruiting, training, supervising, and mentoring additional core facility staff to assist with the above duties

### Qualifications

**Basic qualifications** (required at time of application)

PhD (or equivalent international degree)

**Additional qualifications** (required at time of start)

4 years of research experience

### Preferred qualifications

- PhD in science or engineering or related discipline

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- Minimum of 2 (two) first author peer-reviewed publications
- Knowledge of cryo-EM and cryo-ET methods and techniques
- Demonstrated organization and communication skills
- Experience in proposal development
- Ability to coordinate a variety of simultaneous responsibilities
- Demonstrated problem solving and prioritization skills

## Application Requirements

### Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement on core research facilities - Briefly discuss the roles and responsibilities of core facilities in academic research.
- Research Statement

### Reference requirements

- 3 required (contact information only)

**Apply link:** <https://aprecruit.berkeley.edu/JPF04670>

**Help contact:** [lianachristine@berkeley.edu](mailto:lianachristine@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

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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.

As a condition of employment, the finalist will be required to disclose if they are subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct, are currently being investigated for misconduct, left a position during an investigation for alleged misconduct, or have filed an appeal with a previous employer.

- "Misconduct" means any violation of the policies or laws governing conduct at the applicant's previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment, discrimination, dishonesty, or unethical conduct, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy for Employees, Students and Third Parties](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

**Job location**  
Berkeley, CA



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### 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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