

Associate/Full Project Scientist - Molecular Graphics and  
Computation Facility Director - College of Chemistry  
University of California Berkeley

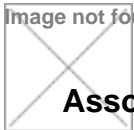
Direct Link: <https://www.AcademicKeys.com/r?job=254979>

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Posted Mar. 27, 2025, set to expire Apr. 25, 2025

<b>Job Title</b>	Associate/Full Project Scientist - Molecular Graphics and Computation Facility Director - College of Chemistry
<b>Department</b>	College of Chemistry
<b>Institution</b>	University of California Berkeley Berkeley, California
<b>Date Posted</b>	Mar. 27, 2025
<b>Application Deadline</b>	04/25/2025
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Chemistry - General
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<b>Job Description</b>	

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College of Chemistry**

**Position overview**

**Salary range:** The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table for the current salary scale 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 full-time base salary range for this position is \$90,100 - \$111,500. "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:** 05/01/2025

**Position duration:** One year, with possible reappointment based on performance and funding.

**Application Window**

**Open date:** March 26, 2025

**Next review date:** Thursday, Apr 10, 2025 at 11:59pm (Pacific Time)

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

**Final date:** Friday, Apr 25, 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**

The Molecular Graphics and Computation Facility (MGCF) in the UC Berkeley College of Chemistry seeks applicants for the position of MGCF Director, who will be responsible for the overall operations of the facility, which is an integral part of the college's research infrastructure. The Director role involves supporting the college's training mission, working to integrate computational chemistry into the curriculum, and making sure that students are trained in the latest research methods.

The Director is responsible for: (a) consulting with and providing innovative guidance to graduate students, faculty, and other researchers who require the use of scientific software in their individual research efforts; (b) defining facility hardware and software requirements; (c) obtaining grant funds to purchase state-of-the-art hardware such that the facility remains a first-rate research environment; and (d) either through direct action or through the delegation to and supervision of a system administrator, seeing to the day-to-day administration of logins, software, and associated equipment to ensure that the facility functions reliably and efficiently.

The Director will use expert knowledge of current methods in computational chemistry as implemented in software and applied to molecular, material and biological models to carry out the duties of this position. This includes expertise with chemical big data and machine learning theory and application.

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The Director may also supervise and oversee research and technical staff. The MGCF Director reports to the Executive Associate Dean in the College of Chemistry.

In addition, the Director will be responsible for managing the finances of the MGCF, which includes: 1) Preparing annual budgets for the Executive Associate Dean and other college leadership; 2) Monitoring monthly financial reports provided by the college business office or campus accounting to be sure that all revenues and expenses are accurately and completely accounted for; and 3) Participating in the periodic review and revision of the recharge rates for services, working in conjunction with the Executive Associate Dean, other analytical facilities directors, and the college business office.

**Department:** <https://chemistry.berkeley.edu/chem>

**Program:** <https://chemistry.berkeley.edu/research-facilities/mgcf>

**Union:** <https://uaw5810.org/ar-contract-2022/>

**Salary Scale:** [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)

## Qualifications

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

- PhD (or equivalent international degree)

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

- PhD (or equivalent international degree) in computational chemistry, bioinformatics, or closely related field
- At least 7 years postdoctoral or similar post PhD experience
- Significant publication record in the field
- Experience with Large-Scale Computational Workflows and ability to manage and run large-scale computational chemistry experiments, particularly in bioinformatics and molecular modeling
- Training & Mentorship experience in computational chemistry and biomolecular modeling

**Preferred qualifications**

- 8-10 years postdoctoral or similar post PhD experience

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- Advanced bash linux command line skills
- System administration skills sufficient to clone systems, manage user logins, install packages, manage firewall, configure SLURM/SGE queuing system
- Experience with molecular modeling of proteins, materials and small molecules using Maestro, Amber, Namd, Desmond, Gaussian, Qchem, Orca, and Materials Studio
- Scientific programming skills include Python and machine learning, including using large public datasets
- Experience in compiling scientific packages for a computing cluster
- Experience mentoring graduate student and postdoctoral researchers
- Experience in Virtual Screening and Docking Studies with proven ability to conduct structure-based drug discovery or toxicology with docking and molecular dynamics
- Ability/Experience working with biologists, chemists and others on broad based, interdisciplinary teams and projects
- Proficiency in Managing Research Data: Ability to handle large datasets efficiently, including database deployment, management and version control

## Application Requirements

### Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter (Optional)
- Statement on Contributions to Diversity, Equity, Inclusion, and Belonging - Statement on your contributions to diversity, equity, inclusion, and belonging in research, teaching, and service, including information about your record of activities to date, and plans for contributing if hired at UC Berkeley. [More Information and guidelines.](#) (Optional)

### Reference requirements

- 3-5 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04856>

Help contact: [sarahmf@berkeley.edu](mailto:sarahmf@berkeley.edu)

About UC Berkeley

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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.

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

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Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04856>

### 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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