

Junior/Assistant Specialist - Dept of Materials Science and
Engineering - UC Berkeley
University of California Berkeley

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Posted Sep. 4, 2024, set to expire Oct. 4, 2024

Job Title	Junior/Assistant Specialist - Dept of Materials Science and Engineering - UC Berkeley
Department	
Institution	University of California Berkeley Berkeley, California
Date Posted	Sep. 4, 2024
Application Deadline	10/04/2024
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Mechanical Engineering Material/Metallurgy Electrical and/or Electronics Chemical/Petroleum
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Job Description

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Junior/Assistant Specialist - Dept of Materials Science and Engineering - UC Berkeley

Position overview **Position title:** Research Specialist

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/t24-b.pdf

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. The current base salary range for this position is \$53,100- \$61,300. "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.

Percent time: 100%

Anticipated start: Fall 2024

Position duration: One-year, with possibility of an extension depending on performance and availability of funding.

Application Window

Open date: September 3, 2024

Next review date: Tuesday, Sep 17, 2024 at 11:59pm (Pacific Time)

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

Final date: Friday, Oct 4, 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

This position will work as a research assistant under PI Gerbrand Ceder as part of his autonomous laboratory team. Within that team, the candidate will assist in various research projects, including both infrastructure development and materials discovery campaigns. In particular, the candidate will assist in the short term re-installing of components of autonomous laboratory components to a new laboratory space. In conjunction with this, the candidate will contribute to developing and implementing new components into Alab, including but not limited to gas flow control, autonomous cleaning devices, and automated coin cell fabrication. Finally, the candidate will also learn and grow as a scientist by helping complete long-term synthesis science campaigns under the guidance of senior researchers on the team.

DUTIES/RESPONSIBILITIES:

- Under the supervision of an advising researcher, assist in the development of devices for Alab
- Duties include weekly meetings with PI, lab members, and collaborators, reporting results and planning experiments, and staying up to date with relevant literature

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- Assist in running samples for synthesis science projects

Labor Contract: <https://ucnet.universityofcalifornia.edu/labor/bargaining-units/ra/contract.html>

Qualifications

Basic qualifications (required at time of application)

Candidate must have a Bachelor degree (or equivalent international degree) or be enrolled in a Bachelor (or equivalent international) program at the time of application.

Additional qualifications (required at time of start)

Bachelor degree (or equivalent international degree) by start date.

Preferred qualifications

- Bachelor's degree in electrical engineering, mechanical engineering, materials science, chemistry, or a related field
- Experimental lab experience in an inorganic synthesis laboratory
- Proficiency in hardware and software for laboratory automation
- Inorganic materials characterization experience, such as microscopy or diffraction
- Experience with battery development and testing, such as creation of coin cells

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

Reference requirements

- 3 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04560>

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Help contact: leisa@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, California - This job is 100% on site

To apply, visit <https://aprecruit.berkeley.edu/JPF04560>

Contact Information

Please reference Academickeys in your cover letter when



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applying for or inquiring about this job announcement.

Contact

N/A

University of California Berkeley

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