

Assistant/Associate Project Scientist - Dept of Materials
Science and Engineering
University of California Berkeley

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Posted Jul. 22, 2024, set to expire Aug. 12, 2024

Job Title	Assistant/Associate Project Scientist - Dept of Materials Science and Engineering
Department	
Institution	University of California Berkeley Berkeley, California
Date Posted	Jul. 22, 2024
Application Deadline	08/12/2024
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Material/Metallurgy Engineering Physics
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Job Description

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Assistant/Associate Project Scientist - Dept of Materials Science and Engineering

Position overview Position title: Assistant/Associate Project Scientist

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(s) for this position:

https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t38-b.pdf. The current base salary range for this position is \$93,700 -\$122,400. "Off-scale" salaries, which yield

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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: October 2024

Position duration: One year initial appointment, with possibility of reappointment subject to performance and continued availability of funding.

Application Window

Open date: July 11, 2024

Next review date: Friday, Jul 26, 2024 at 11:59pm (Pacific Time)

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

Final date: Monday, Aug 12, 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 Department of Materials Science and Engineering at the University of California Berkeley seeks an Assistant/Associate Project Scientist to work with Professor Ramamoorthy Ramesh on energy efficient computing using spintronics. The project scientist will synthesize model thin film systems, carry out structural and electrical measurements. The candidate will publish papers in peer reviewed journals, give talks at key conferences and attend program review meetings to present the findings. The candidate will also collaborate with other faculty and their students/postdocs, on campus, LBNL and other academic entities.

Day to day duties for this position includes:

- a. carrying out thin film oxide synthesis.
- b. device fabrication and design
- c. carrying our magnetotransport studies
- d. carrying out structural studies.
- e. partial oversight of other students and postdocs
- f. writing up papers for publication

Labor Contract

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

Qualifications

Basic qualifications (required at time of application)

PhD or equivalent international degree.

Preferred qualifications

- PhD in condensed matter physics or materials science
- A strong background in spintronics is essential.
- The ability to comprehend and analyze the fundamentals of spin transport is essential.
- Ability to set up, carry out and interpret complex spin transport data is essential.
- The ability to synthesize complex materials using pulsed laser deposition and/or sputtering, carry out structural measurements is required.
- At least 3 years of postdoctoral research
- Strong interpersonal skills are desirable.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research

Reference requirements

- 3 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04521>

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

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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

To apply, visit <https://aprecruit.berkeley.edu/JPF04521>



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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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