

Assistant Project Scientist - Materials Science and  
Engineering - University of California, Berkeley  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=242149>

Downloaded On: Jul. 25, 2024 8:29pm

Posted Jul. 25, 2024, set to expire Aug. 24, 2024

<b>Job Title</b>	Assistant Project Scientist - Materials Science and Engineering - University of California, Berkeley
<b>Department</b>	Materials Science and Engineering
<b>Institution</b>	University of California Berkeley Berkeley, California
<b>Date Posted</b>	Jul. 25, 2024
<b>Application Deadline</b>	08/24/2024
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Material/Metallurgy Engineering - Other
<b>Apply Online Here</b>	<a href="https://apptrkr.com/5464410">https://apptrkr.com/5464410</a>

**Apply By Email**

**Job Description**

Image not found or type unknown



**Assistant Project Scientist - Materials Science and Engineering - University of California, Berkeley**

**Position overview**

**Position title:** Project Scientist

**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/t38-b.pdf](https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t38-b.pdf)

Assistant Project Scientist - Materials Science and  
Engineering - University of California, Berkeley  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=242149>

Downloaded On: Jul. 25, 2024 8:29pm

Posted Jul. 25, 2024, set to expire Aug. 24, 2024

A reasonable estimate for this position is \$93,700 - \$117,600.

**Percent time:** 100%

**Anticipated start:** Fall 2024

**Position duration:** 12 months with the possibility of an extension depending on performance and continuation of appropriate funding.

**Application Window**

**Open date:** July 24, 2024

**Next review date:** Thursday, Aug 8, 2024 at 11:59pm (Pacific Time)

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

**Final date:** Saturday, Aug 24, 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 Project Scientist to work with Professor Ritchie and Professor Asta to assist in the premier experimental work in our DOE-funded research program on Damage-Tolerance of Structural Materials.

The successful candidate will be in charge of experimental studies, specifically mechanical testing and microscopy at cryogenic to elevated temperatures (in particular, J-based resistance-curve measurements), and the involvement of the supervision of students. The candidate will oversee the development of mechanical testing capabilities in extreme conditions, particularly J-based resistance-curve measurements at extremely high temperatures (>1473 K), extremely low temperatures (< 77 K), and high strain rate deformation (10<sup>6</sup> /s).

The candidate will also play a major role in writing the papers and giving technical presentations based on this work.

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

**Ritchie Group:** <https://www2.lbl.gov/ritchie/People/RITCHIE/index.html>

Assistant Project Scientist - Materials Science and  
Engineering - University of California, Berkeley  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=242149>

Downloaded On: Jul. 25, 2024 8:29pm

Posted Jul. 25, 2024, set to expire Aug. 24, 2024

## Qualifications

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

PhD or equivalent international degree

### Preferred qualifications

- PhD degree in Materials Science and Engineering, or related field.
- Postdoc experience after PhD is desirable.
- Experience in mechanical testing at cryogenic and elevated temperatures.
- Experience in nonlinear-elastic fracture toughness measurements and analysis.
- Experience in nanoindentation measurements and analysis.
- Understanding of the mechanistic aspects of the fracture of metallic alloys.
- Ability to do microstructural analysis by electron microscopy (EDS, EBSD, and fractography.)

## Application Requirements

### Document requirements

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

### Reference requirements

- 3 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04475>

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



Assistant Project Scientist - Materials Science and  
Engineering - University of California, Berkeley  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=242149>

Downloaded On: Jul. 25, 2024 8:29pm

Posted Jul. 25, 2024, set to expire Aug. 24, 2024

Assistant Project Scientist - Materials Science and  
Engineering - University of California, Berkeley  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=242149>

Downloaded On: Jul. 25, 2024 8:29pm

Posted Jul. 25, 2024, set to expire Aug. 24, 2024

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/JPF04475>

**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

,