

Junior/Assistant Specialist - Department of Nuclear
Engineering
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=268797>

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Posted Nov. 26, 2025, set to expire Dec. 26, 2025

Job Title	Junior/Assistant Specialist - Department of Nuclear Engineering
Department	Nuclear Engineering
Institution	University of California Berkeley Berkeley, California
Date Posted	Nov. 26, 2025
Application Deadline	12/26/2025
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Nuclear Engineering - Other
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Job Description

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Junior/Assistant Specialist - Department of Nuclear Engineering

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/2025-26/represented-july-2025-scales/t24-b.pdf> The current full-time base salary range for this position is \$55,000 - \$70,700. "Off-scale" salaries,

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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: February/March 2026

Position duration: 1 year with possibility of renewal depending on availability of funding and satisfactory performance

Application Window

Open date: November 25, 2025

Next review date: Tuesday, Dec 9, 2025 at 11:59pm (Pacific Time)

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

Final date: Friday, Dec 26, 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 successful candidate will work with Professor Massimiliano Fratoni in the Advanced Reactors Group. The Advanced Reactors Group aims to solve engineering challenges that will enable the development and deployment of advanced reactors and fuel cycles. We use a combination of computational tools-neutron transport, thermal-hydraulics, thermo-mechanics, DEM, machine learning-to design and analyze a variety of systems. Our work includes, but it is not limited to, molten salt reactors, pebble bed reactors, and liquid metal cooled reactors.

The duties of the position include:

- Perform neutronic and thermal hydraulic analysis of a micro particles reactor for the transmutation of nuclear waste.
- Support other projects in the group.
- Compile reports and prepare and review publications.

Qualifications

Basic qualifications

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(required at time of application)

Bachelor's degree or equivalent international degree or enrolled in a Bachelor's degree program (or equivalent international program)

Additional qualifications (required at time of start)

Bachelor's degree or equivalent international degree

Preferred qualifications

- Bachelor's degree in nuclear engineering or related field
- Master's degree in nuclear engineering or related field
- Expertise with neutronics and computational fluid dynamics code

Application Requirements

Document requirements

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

Reference requirements

- 3 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF05196>

Help contact: krystle.bartholomew@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging in our public mission of research, teaching, and service, consistent with [UC Regents Policy 4400](#) and University of California Academic Personnel policy ([APM 210 1-d](#)). These values are embedded in our [Principles of Community](#), which reflect our passion for critical inquiry, debate, discovery and innovation, and our deep commitment to contributing to a better world. Every member of the UC Berkeley community has a role in sustaining a safe, caring and humane environment in which these values can thrive.

The University of California, Berkeley is an Equal Opportunity employer. All qualified applicants will

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receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

For more information, please refer to the [University of California's Affirmative Action and Nondiscrimination in Employment 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.

Unless stated otherwise, unambiguously, in the position description, this position does not include sponsorship of a new consular H-1B visa petition that would require payment of the \$100,000 supplemental fee.

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.

- "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 or discrimination, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy](#)
- [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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