

Assistant Researcher - Space Sciences Laboratory, UC
Berkeley
University of California Berkeley

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Posted Jul. 23, 2024, set to expire Nov. 13, 2024

Job Title	Assistant Researcher - Space Sciences Laboratory, UC Berkeley
Department	Space Sciences Laboratory
Institution	University of California Berkeley Berkeley, California
Date Posted	Jul. 23, 2024
Application Deadline	06/30/2025
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Physics - General Astronomy and Astrophysics
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Job Description

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Assistant Researcher - Space Sciences Laboratory, UC Berkeley

Position overview

Position title: Assistant Research Physicist

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/t13-b.pdf. A

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reasonable estimate for this position is \$109,000 - \$142,400.

Percent time: 100

Anticipated start: 9/1/2024

Position duration: Two years, with possibility of renewal

Application Window

Open date: July 15, 2024

Next review date: Tuesday, Jul 30, 2024 at 11:59pm (Pacific Time)

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

Final date: Monday, Jun 30, 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 Space Sciences Laboratory at the University of California, Berkeley seeks applications for an Assistant Researcher position. The candidate will be expected to conduct independent research in thermosphere-ionosphere-magnetosphere interactions, focusing on ion-neutral coupling, electrodynamics, and the response of the ionosphere-thermosphere (I-T) system to extreme events.

This role will involve

- (1) first-principles kinetic and chemical modeling of the I-T system,
- (2) analysis of data from ground- and space-based sources such as spectrographs, all-sky imagers, and missions such as the Ionospheric Connection Explorer and Swarm, and
- (3) interpretation of data in the context of global numerical models such as WACCM-X.

The position involves active participation in national and international collaborations, presentation of research findings at scientific conferences, and publication of results in leading peer-reviewed journals. As an independent researcher, the successful applicant will actively participate in and occasionally lead efforts to develop and fund new projects. Contributions to outreach, mentoring, and educational efforts are also highly valued.

Department

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Qualifications

Basic qualifications (required at time of application)

A PhD or equivalent international degree.

Preferred qualifications

- Demonstrated ability to collaborate successfully in national and international collaborations.
- Proven track record of writing successful extramural grants
- Demonstrated ability to conduct independent research
- Experience with kinetic and photochemical modeling of space plasma processes
- Strong background in thermosphere-ionosphere interactions
- Proven excellence in scientific communication, outreach, education, and mentoring
- Proficiency in scientific computing and data analysis using Python

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research - 2-3 page statement of research interests and future plans.
- Statement on Contributions to Advancing Diversity, Equity, and Inclusion - Statement on your contributions to diversity, equity, and inclusion, including information about your understanding of these topics, your record of activities to date, and your specific plans and goals for advancing equity and inclusion if hired at Berkeley (for additional information go to <https://ofew.berkeley.edu/recruitment/contributions-diversity>).
- Publications list (Optional)

Reference requirements

- 3-5 required (contact information only)

Letters of reference will only be required of finalists.

Apply link: <https://aprecruit.berkeley.edu/JPF04535>

Help contact: ajoga@berkeley.edu



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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, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04535>

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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