Assistant Project Scientist - Mathematics
University of California Berkeley

Job Title	Assistant Project Scientist - Mathematics
Department	
Institution	University of California Berkeley
	Berkeley, California
Date Posted	May 1, 2025
Application Deadline	05/30/2025
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Mathematics/Applied Mathematics
Apply Online Here	https://apptrkr.com/6189151
Apply By Email	
Job Description	

Assistant Project Scientist - Mathematics

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 for the current salary scale for this position: https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t37-b.pdf. A reasonable estimate for this position is $74,100-$85,900.

Percent time:

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100%

Anticipated start: January 2026

Position duration: Initial appointment is a two-year term; reappointment is dependent upon performance, programmatic need, and budget.

Application Window
Open date: April 30, 2025

Next review date: Wednesday, May 14, 2025 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.

Final date: Friday, May 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

Professor Aganagic's group is working at the intersection of mathematics and theoretical physics. The group applies insights of quantum physics and string theory to obtain new results in pure mathematics, specifically, in the areas of geometry and topology.

The Assistant Project Scientist will conduct research on the Homological Mirror Symmetry, Knot Theory and Categorification Project. They will engage in research studying categorified quantum groups and associated structures using Fukaya categories. They will also study homological mirror symmetry in this context and will develop Fukaya categories and their mirrors to obtain explicit solutions of corresponding theories and prove conjectures made by Prof. Aganagic. They will also prepare reports on progress, respond to referee reports and participate in supervision of junior scientists on the project.

UNION: https://ucnet.universityofcalifornia.edu/resources/employment-policies-contracts/bargaining-units/academic-researchers/contract/

Qualifications
Basic qualifications (required at time of application)
PhD or equivalent international degree

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Preferred qualifications

- Expertise in symplectic geometry, homological mirror symmetry and representation theory, knot theory, homological algebra.
- Three or more years of professional experience.
- PhD in Mathematics

Application Requirements

Document requirements

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

Reference requirements

- 3 required (contact information only)

Apply link: https://aprecruit.berkeley.edu/JPF04794

Help contact: emartinez24@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging in our public mission of research, teaching, and service. 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 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.

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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.

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, discrimination, dishonesty, or unethical conduct, 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

To apply, visit https://aprecruit.berkeley.edu/JPF04794

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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