

**Assistant Professor (N/T) - Using AI and the Learning  
Sciences to Advance STEM Teaching and Learning: K12-  
Higher Education - Berkeley School of Education  
University of California Berkeley**

Direct Link: <https://www.AcademicKeys.com/r?job=262949>

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Posted Sep. 25, 2025, set to expire Oct. 23, 2025

**Job Title** Assistant Professor (N/T) - Using AI and the Learning  
Sciences to Advance STEM Teaching and Learning:  
K12-Higher Education - Berkeley School of Education

**Department** Berkeley School of Education

**Institution** University of California Berkeley  
Berkeley, California

**Date Posted** Sep. 25, 2025

**Application Deadline** 10/23/2025

**Position Start Date** Available immediately

**Job Categories** Assistant Professor

**Academic Field(s)** Science Education  
Curriculum/Instruction

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**Job Description**

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**Assistant Professor (N/T) - Using AI and the Learning Sciences to Advance STEM Teaching and  
Learning: K12-Higher Education - Berkeley School of Education**

**Position overview**

**Position title:** Assistant Professor

**Salary range:** The current salary range for this position is \$80,800 - \$128,700 (9-month academic year

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salary), however, off-scale salary and other components of pay, which would yield compensation that is higher than this range, are offered to meet competitive conditions.

**Anticipated start:** 7/1/2026

**Application Window**

**Open date:** September 22, 2025

**Next review date:** Thursday, Oct 23, 2025 at 11:59pm (Pacific Time)

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

**Final date:** Thursday, Oct 23, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date.

**Position description**

**Assistant Professor - Using AI and the Learning Sciences to Advance STEM Teaching and Learning (K-12 & Higher Education) - 2025/26**

The Berkeley School of Education (BSE) seeks a tenure-track faculty member at the Assistant Professor (N/T) level whose scholarship sits at the intersection of STEM education, artificial intelligence, and the learning sciences. We are especially interested in scholars who design, study, and critically evaluate AI in learning environments to improve teaching, learning, and equitable outcomes in K-12 and higher-education contexts. Ideal candidates connect theory to practice through human-centered design, learning analytics, and classroom-embedded research; attend to the ethics, effectiveness, and impacts of AI; and envision next-generation STEM teaching, curriculum, and assessment responsive to diverse learners and educational settings.

BSE is committed to leadership in a rapidly evolving landscape where generative AI is reshaping what it means to know and learn. We welcome candidates who will collaborate across campus—including with the College of Computing, Data Science, and Society—to advance inclusive, research-informed STEM teaching and prepare educators committed to a more just and equitable world.

**Responsibilities:**

- Conduct and publish cutting-edge, equity-minded research on STEM learning and instruction in the age of AI, grounded in the learning sciences, cognitive science or education psychology.
- Teach courses that appeal to students at the undergraduate, graduate, or professional program

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level in areas such as learning analytics, AI and STEM pedagogy, AI assessment of learning, and AI in the design of educational technologies.

- Build and sustain an externally funded research program that bridges theory and practice (e.g., classroom partnerships, field experiments, co-design with schools and departments).
- Mentor and advise undergraduate and graduate students, including those pursuing research on higher education teaching, learning, and achievement.
- Engage in service to the School, university, and broader communities, including ethical guidance on AI in education.
- Collaborate across disciplines to co-design and evaluate innovative, scalable improvements to undergraduate and graduate STEM education at Berkeley and beyond.

### About UC Berkeley School of Education

In the Berkeley School of Education, we educate like democracy depends on it- because it does. In a fast-changing, polarized world where inequalities and existential threats multiply, education remains an essential lynchpin for fostering human potential, achieving generational progress, and nurturing civic engagement. Together our research, teaching, and practice support a vision of public education that has as its goal equity and inclusion at all levels - classroom, school, community, district, state, nation, and globe. Our students arrive with exceptional academic talent and professional experience, driven to make a meaningful impact as researchers, educators, leaders, and innovators. Together, faculty and students engage with pressing questions, from how children, youth, and adults learn across varied contexts, to how schools, communities, and societies can expand opportunities and advance educational equity. Through effective and equity-informed education, the BSE helps people and communities learn to dialogue across difference, use critical thinking to make informed decisions, and advance both individual achievement and progress for the benefit of society. As a world leader in public education, guided by a commitment to excellence in scholarship, teaching, innovation, and leadership, our professional and academic programs prepare the next generation of educators, leaders, scholars, and policymakers, while contributing to transformative knowledge creation and the public good.

### Qualifications

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

Ph.D., or equivalent international degree, or enrolled in Ph.D., or equivalent international degree-granting program at the time of application.

#### Preferred qualifications

- Strong research agenda with evidence of potential for high-impact scholarship.

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- Record of peer-reviewed publications and presentations at national/international conferences.
- Background or strong interest in securing external research funding.
- Evidence of successful teaching/mentoring/tutoring at the university level.
- Familiarity working with diverse populations in educational settings and commitment to the success of all students through inclusive curricula and innovative pedagogy.
- Aptitude to work collaboratively with colleagues, students, and community partners.

## Application Requirements

### Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Research Statement - Please discuss research accomplishments and proposed plans. This can include, for example, your publication record, awards, presentations, inclusive research practices that promote the excellence of your research, and areas for future research.
- Teaching, Mentoring, and Service Statement - Please discuss prior teaching experience, teaching approach, and future teaching interests. This can include, for example, specific efforts and accomplishments, as well as future plans to support the success of all students through inclusive curriculum, classroom environment, and pedagogy. Please also discuss your mentoring experiences and approach. This can include, for example, past efforts and future plans to support the success of all students.
  - Additionally, please discuss your academic, professional, and/or public service activities, such as participation in professional associations, committee service that advances departmental, campus, or disciplinary goals, and outreach efforts that broaden access and participation in your field.
- Authorization to Release Information Form - A reference check will be completed only if you are selected as the candidate to whom the hiring unit would like to extend a formal offer. Download, complete, sign, and upload the [Authorization to Release Information form](#).
- Publication (1 of 3) - Published or unpublished manuscript to be submitted, including dissertation chapters.
- Publication (2 of 3) - Published or unpublished manuscript to be submitted, including dissertation chapters.
- Publication (3 of 3) - Published or unpublished manuscript to be submitted, including dissertation chapters.

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### Reference requirements

- 3 required (contact information only)

We will only contact your references to request letters if you are advanced to the second round of review for the position, and we will seek your permission prior to doing so.

**Apply link:** <https://aprecruit.berkeley.edu/JPF05125>

**Help contact:** [nsandeford@berkeley.edu](mailto:nsandeford@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 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.

The University of California is committed to creating and maintaining a community dedicated to the

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advancement, application, and transmission of knowledge and creative endeavors through academic excellence, where all individuals who participate in University programs and activities can work and learn together in a safe and secure environment, free of violence, harassment, or discrimination. Consistent with this commitment, UC Berkeley requires all applicants for Senate faculty positions to complete, sign, and upload an Authorization of Information Release form into AP Recruit as part of their application. If an applicant does not include the signed authorization, the application will be considered incomplete, and as with any incomplete application, will not receive further consideration. Although all applicants for faculty recruitments must complete the entire application, applicants will only be subject to institutional reference checks if and when they are selected as the candidate to whom the hiring unit would like to extend a formal offer. More information is available on [this website](#).

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

To apply, visit <https://aprecruit.berkeley.edu/JPF05125>

**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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