

Postdoctoral Research Associate
Princeton University

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Posted Sep. 25, 2025, set to expire Dec. 19, 2025

Job Title Postdoctoral Research Associate
Department Keller Center for Innovation in Engineering Education
<http://kellercenter.princeton.edu>
Institution Princeton University
Princeton, New Jersey

Date Posted Sep. 25, 2025

Application Deadline Open until filled
Position Start Date November 2025

Job Categories Post-Doc

Academic Field(s) Sustainable Engineering
Education Systems & Design
Civil Engineering
Engineering - Other

Apply Online Here <https://puwebp.princeton.edu/AcadHire/apply/application.xhtml?listingId=39701>

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Job Description

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The School of Engineering and Applied Sciences at Princeton University seeks applications for a postdoctoral position at the Keller Center for Innovation in Engineering Education. The position is in the area of Human-Centered Artificial Intelligence Research and Design. The Keller Center, an interdisciplinary hub within the School of Engineering with focus on innovation, entrepreneurship, and technology and society, is developing an emerging research and teaching program in design that embraces Princeton's commitment to the betterment of humanity through deliberative, informed, and thoughtful design interventions. Successful applicants will be expected to participate in the activities of the Keller Center and contribute to the emerging design program. They will work with Prof. Adriaenssens (Form Finding Lab) in a team with designers, makers and social scientists.

Responsibilities include: 1) Developing a human-centered computational artificial Intelligence structural design framework that facilitates community engagement for resilient low-cost housing; 2) Leading journal publication efforts; 3) Pro-actively contributing to the academic design community at Keller; 4) Developing and writing research proposals; 5) Contributing to the co and extra-curricular activities of Keller.

- Applicants must hold or expect to have a doctoral degree in civil, structural, architectural or mechanical engineering, physics, applied mathematics.

- A strong background in theoretical mechanics and applied mathematics, with an expertise in artificial intelligence. Expertise in design, social sciences or humanities are a plus;

- A very good publication record and strong project management and interpersonal skills.

Positions at the postdoctoral rank are for one year with the possibility of renewal pending satisfactory performance and continued funding. The preferred start will be in November 2025 or earlier.

Interested candidates should submit an application online at <https://www.princeton.edu/acad-positions/position/39701>. Applications should include a CV, a cover letter, a brief statement of research experience and research they hope to undertake at Princeton, and the contact information for three references. The application deadline is September 30, 2025. Please send inquiries to sadriaen@princeton.edu. This position is subject to the University's background check policy. The work location for this position is in-person on campus at Princeton University.

Expected Salary Range: \$65,000 - \$67,600

The University considers factors such as (but not limited to) scope and responsibilities of the position, candidate's qualifications, work experience, education/training, key skills, market, collective bargaining

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agreements as applicable, and organizational considerations when extending an offer. The posted salary range represents the University's good faith and reasonable estimate for a full-time position; salaries for part-time positions are pro-rated accordingly.

The University also offers a comprehensive benefit program to eligible employees. Please see this [link](#) for more information.

EEO/AA Policy

Princeton University subscribes to a policy of equal opportunity. The University believes that commitment to equal opportunity for all is favorable to the free and open exchange of ideas, and the University seeks to reach out as widely as possible in order to attract the most qualified individuals as students, faculty, and staff from all segments of American society and the world. For these reasons, decisions concerning admission to University academic and other programs, as well as employment decisions in all University departments and offices, are made on the basis of an individual's qualifications to contribute to meeting Princeton's educational objectives and its institutional needs. In applying this policy, the University is committed to the principle of not discriminating against individuals on the basis of personal beliefs or characteristics such as political views, religion, national origin, ancestry, race, color, sex, sexual orientation, gender identity or expression, pregnancy and related conditions, age, marital or domestic partnership status, veteran status, disability, and/or other characteristics protected by applicable law.

In addition to the general policy just defined, Princeton has specific legal obligations as a recipient of federal financial assistance and as a federal contractor. These obligations include the development and implementation of plans to ensure equal employment opportunity for qualified individuals with disabilities and protected veterans. Princeton's plans are available by appointment to employees and job applicants upon request for review between 10 a.m. and 3 p.m. at the Office of Institutional Equity and Diversity, Princeton University, 201 Nassau Hall, Princeton, NJ 08544 or 609-258-6110.

The University president and provost are responsible for overseeing the implementation of this equal opportunity policy. The vice provost for institutional equity and diversity is responsible for monitoring University practices and procedures to ensure compliance with our policy and federal, state, and local laws and regulations, including Section 504 of the Rehabilitation Act, Title IX of the Education Amendments of 1972 and Title VI and Title VII of the Civil Rights Act of 1964. Inquiries regarding these matters should be directed to the Office of Institutional Equity and Diversity, Princeton University, 201

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Nondiscrimination Statement

In compliance with Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Title VI and Title VII of the Civil Rights Act of 1964, and other federal, state and local laws, Princeton University does not discriminate on the basis of age, race, color, sex, sexual orientation, gender identity or expression, pregnancy and related conditions, religion, national origin, ancestry, disability, marital or domestic partnership status, veteran status and/or other characteristics protected by applicable law in any phase of its employment process, admission or financial aid programs, or other aspects of its educational programs or activities. The vice provost for institutional equity and diversity is the individual designated by the University to coordinate its efforts to comply with Title IX, Section 504, Title VI and Title VII of the Civil Rights Act of 1964, and other federal, state, and local equal opportunity regulations and laws. Questions or concerns regarding these matters should be directed to Michele Minter, Vice Provost for Institutional Equity and Diversity, Princeton University, 201 Nassau Hall, Princeton, NJ 08544 or 609-258-6110. Further, inquiries about the application of Title VI or Title IX and supporting regulations may also be directed to the Assistant Secretary for Civil Rights, Office for Civil Rights, U.S. Department of Education.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Victoria Dorman
Keller Center for Innovation in Engineering Education
Princeton University
Princeton, NJ

Contact E-mail vdorman@princeton.edu