

Postdoctoral Research Associate/The Moini Lab in the
Dept. of Civil & Environmental Engineering
Princeton University

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Posted Jun. 30, 2025, set to expire Oct. 30, 2025

Job Title	Postdoctoral Research Associate/The Moini Lab in the Dept. of Civil & Environmental Engineering
Department	Civil and Environmental Engineering https://cee.princeton.edu/
Institution	Princeton University Princeton, New Jersey
Date Posted	Jun. 30, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Civil Engineering
Apply Online Here	https://www.princeton.edu/acad-positions/position/39183

Apply By Email

Job Description

The Moini Lab in the Department of Civil and Environmental Engineering (CEE) at Princeton University is seeking a Post-doctoral or more senior Researcher candidate with a strong background in the following areas: alternative cements (e.g., chemistry of calcium silicate and carbonate cements), physics of diffusion and carbonation, early-stage rheological characteristics, life cycle analysis, and design and additive manufacturing of architected materials. Previous experience in experimental, numerical, and parametric design research and experience is a plus.

The project involves entrepreneurial activities, and successful candidates will have the opportunity to lead translational research endeavors and collaborate with other members of the lab.

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Applicants must have a recent Ph.D. in a relevant field, including but not limited to cement chemistry, material science, or structural materials and mechanics. Candidates with a strong commitment to interdisciplinary research are especially encouraged to apply. Applicants should apply at: <https://www.princeton.edu/acad-positions/position/39183> and include:

- A cover letter
- A CV (including a list of publications)
- A statement of relevant past and current research contributions and expertise
- Names and contact information for three references PhD is expected by the start date.

Appointments are for one year, with the possibility of renewal based on continued funding and satisfactory performance. The Term of appointment is based on rank. Positions at the postdoctoral rank are for one year with the possibility of renewal pending satisfactory performance and continued funding; those hired at more senior ranks may have multi-year appointments. 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.

PDRA: \$65,000-\$70,000 ARS: \$66,000 - \$78,000.

EEO/AA Policy

Princeton University is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. This position is subject to the University's background check policy.

Contact Information

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

Contact

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