

Postdoctoral Research Associate Position*Department of Civil and Environmental Engineering*

University of Illinois, Urbana-Champaign

22 December 2022

Overview

A Postdoctoral Research Associate position is available in the *Department of Civil and Environmental Engineering* (CEE) at the University of Illinois, Urbana-Champaign in the research group of Prof. Nishant Garg. The postdoc will join the research group and directly assist Prof. Garg in day-to-day group activities as well as pursuing independent research on the characterization and chemistry of materials. Strong background in analytical chemistry, characterization of crystalline and amorphous solids, and inorganic materials science is preferred.

Qualifications

Minimum qualifications include a Ph.D. in a relevant field (including but not limited to: civil engineering, materials science, chemistry, chemical engineering, and environmental engineering). The ideal candidate is highly motivated, has a track record of high-quality publications, is able to work in an interdisciplinary environment, and has excellent spoken and written English communication skills. Applicants with demonstrated experience in advanced material characterization tools involving imaging, spectroscopy, and diffraction will be given preference. Strong programming background along with knowledge of machine learning could be a plus.

Timeline

Applications will be accepted until February 28, 2023. Early applications are encouraged. Interviews (April 2023), Hiring (June 2023), Onboarding (August 2023). Initial appointment would be for 1 year, and subsequent appointments are subject to performance and funding. Competitive salary and comprehensive benefits will be offered to the hired candidate.

How to Apply

Interested candidates should submit a CV, cover letter, 2-page research statement (past & future research interests), a sample publication, and contact information of 3 references online [via this link](#). For any general queries on the application process or status, you may contact our CEE staff member Sheree Fruzen at fruzen@illinois.edu. Other questions can be addressed to Prof. Nishant Garg via garg-group@illinois.edu. More information about the group's research can be found at garg.cee.illinois.edu.