

Graduate Research Assistant
Oklahoma State University

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Posted Nov. 21, 2025, set to expire Mar. 22, 2026

Job Title Graduate Research Assistant
Department School of Chemical Engineering
<http://che.okstate.edu>
Institution Oklahoma State University
Stillwater, Oklahoma

Date Posted Nov. 21, 2025

Application Deadline Open until filled

Position Start Date Open until filled

Job Categories Graduate Student

Academic Field(s) Polymer Science
Chemical/Petroleum

Job Website https://www.nsf.gov/awardsearch/showAward?AWD_ID=2526605

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Job Description

We are recruiting a PhD student to contribute to an NSF-funded collaborative project in Prof. Jindal Shah's research group in the School of Chemical Engineering at Oklahoma State University. You can find out more about the project: https://www.nsf.gov/awardsearch/showAward?AWD_ID=2526605

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Your work will be critical in explaining molecular-level interaction governing experimental observations on ionic liquid-polymer hybrid systems. You will also have an opportunity to interact with fellow group members who leverage quantum chemistry, atomistic simulations, and machine learning for design of next-generation materials for energy and environment.

You will receive a monthly stipend and tuition waiver.

An ideal candidate will have a strong background in either chemical engineering or a closely related field with excellent communication and analytical skills. Experience in programming, numerical simulations, and analysis will be viewed favorably. Candidates whose research focuses on atomistic simulations of ionic liquids and/or polymers will be given a preference.

If interested, please submit resume, degree transcripts, and statement of purpose via email at jindal.shah@okstate.edu

Contact Information

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

Contact Jindal Shah
School of Chemical Engineering
Oklahoma State University
Stillwater, OK

Contact E-mail jindal.shah@okstate.edu