

PhD Student Position
Wayne State University

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Job Title	PhD Student Position
Department	Chemical Engineering and Materials Science
Institution	Wayne State University Detroit, Michigan
Date Posted	Mar. 3, 2025
Application Deadline	Open until filled
Position Start Date	Fall 2025
Job Categories	Graduate Student
Academic Field(s)	Therapeutics Pharmaceutical Sciences Biopharmaceutical Sciences Biomedical Sciences
Apply By Email	
Job Description	

Research fields?Biomaterials and Drug Delivery

PhD research assistant positions are available at Prof. Zhiqiang Cao's lab at Wayne State University. Start date for the PhD student is summer or fall 2025.

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Cao lab uses a multidisciplinary approach, to study new materials and their translational applications in healthcare and biomedical engineering. Candidates with background in (1) polymer chemistry and biomaterials, or (2) biological and animal studies are welcome to apply. Specific research area is open, but candidates with significant experience in (1) organic/material synthesis, or (2) in vitro cellular work or in vivo models will be favorably considered. Qualified applicants are expected to be self-motivated. Student with master training will be preferred but not required. Interested individuals should email Prof. Cao with CV included (caolab.postdoc@gmail.com). The position will remain open until filled.

Prof. Zhiqiang Cao joined the Department of Chemical Engineering and Materials Science at Wayne State University in January 2013 and was promoted to Associate Professor with tenure in April 2017 and to Professor in 2021. His research is supported by National Science Foundation (NSF), National Institutes of Health (NIH) and multiple programs from Breakthrough T1D (formally JDRF). He received the 2016 NIH NIDDK Type 1 Diabetes Pathfinder Award (DP2).

For more information please visit www.caoresearch.com.

Contact Information

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

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