

Postdoctoral Associate
University at Buffalo, The State University of New York

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Posted Mar. 7, 2023, set to expire Dec. 12, 2023

Job Title	Postdoctoral Associate
Department	Chemical & Biological Engineering
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Mar. 7, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Chemical/Petroleum Bioengineering (all Bio-related fields)
Job Website	https://www.ubjobs.buffalo.edu/postings/41194
Apply By Email	

Job Description

The group of Prof. Eleni Kyriakidou at the Department of Chemical and Biological Engineering at the University at Buffalo is looking for a post-doctoral scholar to develop novel catalytic materials with enhanced low-temperature activity and durability at high temperatures related to catalytic transformations for the control of methane emissions in the atmosphere.

The research will focus on applying fundamental principles to industrially-relevant systems, and will require the development of zeolite-based catalysts.

Responsibilities will include:

- The post-doctoral scholar will synthesize zeolite-based catalysts, characterize them, and

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- elucidate their structure-property relationships under industrially relevant conditions.
- Mentor and collaborate with undergraduate/MS students and PhD candidates on research.
- Write quarterly scientific reports and manuscripts to be published in peer reviewed scientific journals
- Give annual scientific presentations to nationwide catalysis and emission control conferences

The research involves collaboration with MAHLE Powertrain and Oak Ridge National Laboratory through a ARPA-E REMEDY project.

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our [benefit packages](#).

About UB

The University at Buffalo is SUNY's most comprehensive public research university, and an outstanding place to work. UB amplifies ambition for faculty and staff by offering endless possibilities to achieve more. Here, people from all backgrounds and cultures challenge and inspire each other to discover, learn and succeed. Dedicated staff and engaged faculty collaborate to further knowledge and understanding, and develop tenacious graduates who are valued for their talents and their impact on global society. Visit our website to learn more about the [University at Buffalo](#).

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Contact Information

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

Contact



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