

Postdoctoral Associate, Chemical and Biological
Engineering
University at Buffalo, The State University of New York

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Posted Apr. 11, 2024, set to expire Nov. 24, 2024

Job Title	Postdoctoral Associate, Chemical and Biological Engineering
Department	Chemical & Biological Engineering
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Apr. 11, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Chemical/Petroleum
Job Website	https://www.ubjobs.buffalo.edu/postings/49587
Apply By Email	
Job Description	

Position Summary

The sustainable systems engineering lab of Aurora del C. Munguia Lopez is seeking motivated postdoctoral researchers with an excellent work ethic and background in process design, mathematical optimization, and life cycle assessment.

Job responsibilities will include:

- developing computational tools to provide insights into the economic and environmental impacts of sustainable products and technologies
- identifying the optimal design for sustainable supply chains

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- publishing relevant results in scientific journals

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. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about our [benefit packages](#).

About The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).

University at Buffalo is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.

Minimum Qualifications

PhD in Chemical Engineering or a related field. The candidate should have a background in at least one of the following areas: optimization, programming (e.g., Python, Julia), life cycle assessment

Preferred Qualifications

- A strong publication record
- Ability to work independently
- Previous experience in projects similar to the position summary items is highly desired



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Contact Information

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

Contact

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