

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 Aug. 11, 2024

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

### 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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