

Postdoctoral Associate
University at Buffalo

Direct Link: <https://www.AcademicKeys.com/r?job=254894>

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Posted Mar. 26, 2025, set to expire Jul. 23, 2025

Job Title	Postdoctoral Associate
Department	Chemistry
Institution	University at Buffalo Buffalo, New York
Date Posted	Mar. 26, 2025
Application Deadline	11/04/2025
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Materials Sciences/Polymer Sciences Chemistry - General
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Postdoctoral Associate, Chemistry

Position Information

Position Title: Postdoctoral Associate, Chemistry

Department: Chemistry

Posting Link: <https://www.ubjobs.buffalo.edu/postings/53902>

Job Type: Full-Time

Postdoctoral Associate University at Buffalo

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Posting Detail Information

Position Summary

The textile fiber recycling team in the [Departments of Chemistry](#) and [Chemical and Biological Engineering](#) at the University at Buffalo invites applications for a **Postdoctoral Associate** position. The successful candidate will be driving cutting-edge research into textile fiber recycling sorting technologies using spectroscopic and hyperspectral methods coupled to machine learning techniques and work with a multi-disciplinary team of scientists. Duties may include, but are not limited to:

- organize and implement research plans
- develop methods or research that incorporate highly specialized training in a specific specialty
- conduct tests procedures and engage in data collection
- analyze, evaluate, and present findings in professional journals and at professional conferences and meetings

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 the great [benefits](#) the University at Buffalo has to offer.

About The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of Americas 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](#).

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

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Minimum Qualifications

- A PhD in Chemistry, Chemical engineering, Materials Science or related fields.

Preferred Qualifications

- Three or more years of hands-on experience in infrared spectroscopy of polymers, differential scanning calorimetry, electron microscopies, hyperspectral methods, and basic programming. Experience with Python programming and machine learning methods for data and image analysis is preferred but not required.
- The successful candidate is preferred to be proficient in molecular-level infrared optical characterization, polymer chemistry and structural characterization of polymeric fibers.

Salary Range

\$48,000 - \$52,000

Special Instructions Summary

All application materials should be submitted via UB Jobs. Application materials submitted directly to the posting contact will not be acknowledged and cannot be considered.

Is a background check required for this posting?

No

Contact Information

Contact's Name: Luis Velarde

Contact's Pronouns:

Contact's Title: Associate Professor

Contact's Email: lvelarde@buffalo.edu

Contact's Phone: 716-645-4243

Posting Dates

Posted: 11/04/2024

Deadline for Applicants: Open Until Filled

Date to be filled:

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Contact Information

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

Contact

N/A

University at Buffalo

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