

Postdoctoral Associate, Chemistry
University at Buffalo

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Posted Sep. 22, 2025, set to expire Aug. 4, 2026

Job Title Postdoctoral Associate, Chemistry
Department Chemistry
Institution University at Buffalo
Buffalo, New York

Date Posted Sep. 22, 2025

Application Deadline 09/18/2026
Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Chemistry - General

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Job Description

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Postdoctoral Associate, Chemistry

Position Information

Position Title: Postdoctoral Associate, Chemistry

Department: Chemistry

Posting Link: <https://www.ubjobs.buffalo.edu/postings/59090>

Job Type: Full-Time

Posting Detail Information

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Position Summary

Prof. Yuguang Chris Li in the [Department of Chemistry](#) seeks a **postdoctoral fellow** to develop plasma electrochemical approaches for a variety of chemical reactions. In this exciting role, the candidate will work on plasma and electrochemical system engineering and design, catalytic materials synthesis and characterization, as well as system scale-up and integration. The ideal candidate should have a strong background in electroanalytical techniques (e.g., CV, EIS) for investigating reaction kinetics, along with diagnostic skills to probe plasma physics and species transport during reactions. Preference will be given to candidates with demonstrated hands-on experience in reactor system design or instrument development, as evidenced by publications, conference presentations, or demonstration projects.

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.

Learn more:

- Our [benefits](#), where we prioritize your well-being and success to enhance every aspect of your life.
- Being a part of the [University at Buffalo community](#).

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.

Minimum Qualifications

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PhD in chemistry, physics, or related engineering field.

Preferred Qualifications

Physical Demands

Salary Range

\$47,500 - \$55,000

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.

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Is a background check required for this posting?

No

Contact Information

Contact's Name: Yuguang (Chris) Li

Contact's Pronouns:

Contact's Title: Assistant Professor

Contact's Email: yuguangl@buffalo.edu

Contact's Phone: 716-645-4285

Posting Dates

Posted: 09/18/2025

Deadline for Applicants: Open Until Filled

Date to be filled: 12/01/2025

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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