

Post-doctoral Research Associate Positions

Electrochemical Energy Materials Laboratory

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We are seeking well-trained researchers with excellent work ethic and the ability to interact with a team to work on projects focusing on electrocatalysis and heterogeneous catalysis for clean energy conversion and environmental sustainability. The candidate should have a Ph.D. in chemistry, chemical engineering, materials, or related field.

In particular, we are interested in those who have research experience and excellent publication records in the areas of oxygen reduction in acids, oxygen evolution in both acidic and alkaline media, nitrogen reduction for NH₃ synthesis, CO₂ reduction, and NH₃ decomposition for H₂ generation. Experience in PEM fuel cells and direct methanol fuel cells is also beneficial.

The applicant is expected to work self-motivated and independently as well as in collaboration with other group members and collaborators to achieve project milestones. Most of our ongoing projects are funded by U.S. DOE gauged by materials performance, therefore the candidates are expected to work under pressure and perform in a timely manner.

Applicants should submit a brief statement of research interests, a CV and three reference names by applying to UB Jobs posting #R1800308 at <https://www.ubjobs.buffalo.edu/postings/17213>

Wu's Group website: www.cbe.buffalo.edu/wu

Wu's Google Scholar web:

<https://scholar.google.com/citations?user=fRf374gAAAAJ&hl=en&oi=sra>