

Assistant Professor of Research, Materials Design and
Innovation
University at Buffalo, The State University of New York

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Posted Feb. 29, 2024, set to expire Aug. 4, 2024

Job Title	Assistant Professor of Research, Materials Design and Innovation
Department	Materials Design and Innovation
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Feb. 29, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Materials Sciences/Polymer Sciences
Job Website	https://www.ubjobs.buffalo.edu/postings/48420

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Job Description

The [Department of Materials Design and Innovation \(MDI\)](#) at University at Buffalo (UB) has launched its next phase of growth and invites candidates to apply for the positions as Non-Tenure Track (NTT) Research Faculty.

MDI is seeking individuals with one or more following areas of expertise:

- Strong working familiarity with high resolution electron microscopy, focused ion beam, atom probe tomography and high-resolution scanning probe microscopy and specimen preparation methods.
- Fluency in, software design for scientific instrumentation and data workflow for autonomous materials synthesis platforms
- Track record of working with and/or managing multi-user research instrumentation facilities and

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training students and users.

Successful candidates are expected to integrate well into MDI's innovative teaching and research program. The successful candidate will be expected to be engaged in laboratory and computational training courses at the graduate and undergraduate levels, overseeing the training of students and other users on laboratory and computational facilities in the department. The NTT faculty line also provide an opportunity for research collaboration with faculty and the development of scholarly activities.

MDI offers BS, MS and PhD degrees in materials science and engineering as well as an accelerated BS-Chemistry/MS-MDI degree in partnership with the Chemistry Department at UB. The University at Buffalo is an affirmative action/equal opportunity employer (AA/EOE).

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. Visit our benefits website to learn 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.

Contact Information

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

Contact



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