

Assistant Professor, Experimental Condensed Matter
Physics
University at Buffalo, The State University of New York

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Posted Mar. 1, 2024, set to expire Aug. 4, 2024

Job Title	Assistant Professor, Experimental Condensed Matter Physics
Department	Physics
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Mar. 1, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Physics - Condensed Matter/Low Temperature Physics - General
Job Website	https://www.ubjobs.buffalo.edu/postings/48476

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Job Description

The [Department of Physics](#) at the University at Buffalo (UB) is seeking to fill a tenure-track faculty position in experimental condensed matter physics at the level of Assistant Professor.

The successful candidate is expected to build an active research program in the general research area of quantum materials. We are particularly interested in candidates with expertise in material synthesis and/or advanced characterization techniques applied to quantum materials. The desired characterization techniques include but are not limited to spectroscopy, microscopy, and imaging methods in a broad range of length, time and wavelength scales.

The Department of Physics at UB is entering a period of significant growth: since 2022, four tenure-track faculty members (an experimentalist working in MBE growth of quantum materials, an

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experimentalist working on novel semiconductors, and experimentalist working on quantum optics and neutron scattering, and a theorist working in quantum information processing/many body physics) have started or will start by the spring of 2024. This current position is part of a multi-year, multi-faculty recruitment effort in quantum science and technology supported by the Dean of the College of Arts and Sciences, the Office of the Provost and the State of New York.

The Department is a vibrant community with a long tradition and strong commitment to excellence in research, service, and teaching. Research interests within the Department span the traditional disciplines of physics - condensed matter physics, biophysics, high energy physics and cosmology and non-linear dynamics. We benefit greatly from collaborative affiliations with researchers within the College of Arts and Sciences; the Schools of Engineering, Medicine, and Pharmacy; the Centers of Excellence in Bioinformatics and Materials Informatics; and the Center for Computational Research.

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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