

Assistant Professor or Associate Professor, Physics
University at Buffalo, The State University of New York

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Posted Aug. 30, 2023, set to expire Aug. 4, 2024

Job Title	Assistant Professor or Associate Professor, Physics
Department	Physics
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Aug. 30, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Physics - General Sciences - General
Job Website	https://www.ubjobs.buffalo.edu/postings/44836

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Job Description

[The Department of Physics](#) at the University at Buffalo, The State University of New York is seeking to fill a tenure-track faculty position in experimental physics in the area of experimental high-energy particle physics that overlaps with quantum sciences in detector technology and/or information processing.

The search is focused on early career faculty at the assistant or associate professor rank. Successful candidate is expected to become a member of the Compact Muon Solenoid (CMS) experiment at the Large Hadron Collider (LHC) at CERN to join the existing efforts of the CMS group at UB, with options to pursue other interests such as smaller experiments, detector R+D, or future collider efforts. Current efforts of the CMS group include work on silicon tracker detectors, as well as reconstruction, calibration, and identification of hadronic jets. We engage in a broad program of searches for physics

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beyond the standard model, as well as precision measurements of standard model processes. Future efforts will also include work on new collider activities. The HEP experimental group works in close collaboration with our theory colleagues in the department and data scientists from Institute of Artificial Intelligence and Data Sciences at UB.

The Department of Physics is entering a period of significant growth. 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. This search is part of that effort, allowing for potential collaborations in quantum sciences.

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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