

**Postdoctoral Associate, Physics
University at Buffalo**

Direct Link: <https://www.AcademicKeys.com/r?job=261996>

Downloaded On: Sep. 6, 2025 11:28pm

Posted Sep. 3, 2025, set to expire Aug. 4, 2026

Job Title	Postdoctoral Associate, Physics
Department	
Institution	University at Buffalo Buffalo, New York
Date Posted	Sep. 3, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Physics - General
Apply Online Here	https://apptrkr.com/6528062

Apply By Email

Job Description

Image not found or type unknown



Postdoctoral Associate, Physics

Applications are invited for a postdoctoral position in the [Department of Physics](#) at the University at Buffalo (UB), State University of New York in the area of materials discovery using modern theoretical and computational techniques.

Responsibilities include:

- Working with our experimentalists and computational scientists to build relevant database of materials of interest. Using modern computational and data science techniques to identify materials with promising properties.
- Carrying out first-principles electronic structure calculations and modeling.

Postdoctoral Associate, Physics
University at Buffalo

Direct Link: <https://www.AcademicKeys.com/r?job=261996>

Downloaded On: Sep. 6, 2025 11:28pm

Posted Sep. 3, 2025, set to expire Aug. 4, 2026

- Preparing reports, presentations and manuscripts.
- Assisting the PIs with supervising junior graduate students.

The successful candidate should have a Ph.D. degree in condensed matter physics (or a related field) and has demonstrated original contributions to the field.

Priority will be given to candidates with experience in scientific computing and programming, first-principles electronic structure techniques (especially large-scale computation of complex materials and structures), and data-driven materials discovery. The candidate is also expected to collaborate closely with experimentalists and computational scientists. The appointment is initially for one year and can be extended for two more years.

Contact Information

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

Contact

N/A

University at Buffalo

,