

**Postdoctoral Associate, Physics  
University at Buffalo**

Direct Link: <https://www.AcademicKeys.com/r?job=254815>

Downloaded On: May. 30, 2025 4:37am

Posted Mar. 24, 2025, set to expire Jul. 19, 2025

**Job Title** Postdoctoral Associate, Physics  
**Department** Physics  
**Institution** University at Buffalo  
Buffalo, New York

**Date Posted** Mar. 24, 2025

**Application Deadline** 03/21/2026  
**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Physics - Elementary Particles/Nuclear  
Physics - General

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**Job Description**

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**Postdoctoral Associate, Physics**

**Position Information**

**Position Title:** Postdoctoral Associate, Physics

**Department:** Physics

**Posting Link:** <https://www.ubjobs.buffalo.edu/postings/56365>

**Job Type:** Full-Time

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### Posting Detail Information

#### Position Summary

The [Experimental High Energy Physics](#) group at the University at Buffalo, The State University of New York (UB) invites applications for two **Postdoctoral Research Associate** positions to work on the CMS experiment at LHC. Candidates should have a strong record or interest in data analysis, experimental operations, and/or hardware development. The successful candidate will have the ability to work in a collaborative environment, to communicate scientific results, and to develop an independent research program. The candidate should have completed a Ph.D in experimental particle physics, nuclear physics, or a related field by the time of appointment. The position can be based at CERN or Fermilab.

#### Responsibilities include:

- Conduct research in high energy particle physics with the CMS experiment at CERN.
- Contribute to detector operations, upgrades, and/or R&D for future colliders.
- Write scientific papers and present results at conferences and workshops.
- Provide mentorship to students.

#### Contact Information for Questions:

- **David Yu:** [dyu23@buffalo.edu](mailto:dyu23@buffalo.edu)
- **Christine McLean:** [cmclean@buffalo.edu](mailto:cmclean@buffalo.edu)

#### 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. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about the great [benefits](#) the University at Buffalo has to offer.

#### About The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of Americas 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,

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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](https://www.AcademicKeys.com/r?job=254815).

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicants race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

### Minimum Qualifications

- PhD in particle physics, nuclear physics, or a related field by the time of appointment.
- A strong record or interest in data analysis, experimental operations, and/or hardware development.

### Preferred Qualifications

- Ability to work in a collaborative environment, to communicate scientific results, and to develop an independent research program.

### Salary Range

\$60,000

### Special Instructions Summary

### Is a background check required for this posting?

No

### Contact Information

**Contact's Name:** Christine McLean

**Contact's Pronouns:**

**Contact's Title:** Assistant Professor

**Contact's Email:** [cmclean@buffalo.edu](mailto:cmclean@buffalo.edu)

**Contact's Phone:** 703-447-8638

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**Posting Dates**

**Posted:** 03/21/2025

**Deadline for Applicants:** Open Until Filled

**Date to be filled:** 06/01/2025

**Contact Information**

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

**Contact**

N/A

University at Buffalo

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