

Postdoctoral Fellowship
University at Buffalo, The State University of New York

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Posted Dec. 2, 2024, set to expire Aug. 4, 2025

Job Title	Postdoctoral Fellowship
Department	Learning and Instruction
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Dec. 2, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Teacher Education Education - General
Job Website	https://www.ubjobs.buffalo.edu/postings/54530

Apply By Email

Job Description

The [Department of Learning and Instruction](#) at the [University at Buffalo](#) (SUNY) invites applications for a full-time, **12-month Postdoctoral Fellowship**. The ideal candidate will contribute to a three-year National Science Foundation funded project (Award #: 2314260), STEMcyclists: Black and Brown Youth Transforming Science and Engineering via Bikes. This AISL, university-community collaboration project is a sustainable and capacity-building collaboration of researchers and three urban bike-centered community organizations (GObike Buffalo, Slow Roll Buffalo, and the Buffalo United Front, Inc.'s East Side Bike Club-ESBC) that engages urban Black and Brown youth in a three-year, transformative informal STEM learning experience centered on the medium of the bike and biking.

Specifically, cohorts of youth—rising ninth and tenth graders—will be recruited from within the City of Buffalo, NY, to participate in culturally sustaining, place-based activities during a two-week summer institute and three fall and two spring Saturday sessions. The individual will report directly to and be

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mentored by Dr. Noemi Waight, lead PI, and will be based at the University at Buffalo (SUNY), Buffalo, New York.

Though not a hard requirement, we encourage applications from individuals who have a history with riding bicycles and are comfortable riding with groups. Training on bicycle riding and safety will be provided if requested, and the project supports adaptive cycles (such as tricycles, recumbents, and hand cycles) for applicants who require them.

Responsibilities include but not limited to:

- The postdoctoral fellow will work closely with the PI and other team members, including our community partners.
- The postdoctoral fellow will be involved in all phases of the STEMcyclists project for three years including project planning, design, development and implementation of a 2-week summer institute and fall/spring Saturday sessions.
- The postdoctoral fellow will also assist the PIs with data collection, analysis, manuscript preparation, and dissemination including publishing and presenting at STEM-related conferences.
- Communicate with community partners, youth, parents/guardians, and school officials to recruit youth participants; parent orientation on the STEMcyclists program, organization and participation in project-related planning meetings and events that include youth, their families, and community partners; as well as, creating and maintaining the administrative infrastructure for the project.
- Prepare and publish manuscripts for publication and dissemination at relevant conferences
- Assist with grant administration
- Assist with grant proposal preparation
- Provide clear and regular communication to the PI on research progress, technique, and findings
- Under the guidance of the supervisor/mentor, provide training on research techniques and methods
- Present work at conferences and program reviews
- Collect and analyze data related to the STEMcyclists program
- Ensure IRB requirements are met within the project
- Work independently as well as with supervisor/mentor and coordinate project activities with graduate research assistants



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This position is based on grant funding and will be reviewed year to year up to 3 years.

Review of Applications will begin January 15, 2025, and continue until position is filled. The candidate will ideally start on April 1st, 2025 (start date is negotiable).

A background check is required for this position.

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 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](#).

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

Contact Information

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

Contact