

Postdoctoral Associate, Engineering Education
University at Buffalo, The State University of New York

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Downloaded On: May. 21, 2024 9:37am

Posted Jan. 3, 2024, set to expire Aug. 4, 2024

Job Title	Postdoctoral Associate, Engineering Education
Department	Engineering Education
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jan. 3, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Engineering - Other
Job Website	https://www.ubjobs.buffalo.edu/postings/47353
Apply By Email	
Job Description	

Position Summary

The [Department of Engineering Education \(DEE\)](#), in the School of Engineering and Applied Sciences (SEAS) is seeking a **Postdoctoral Associate** to join Dr. Courtney Faber's research group: ENLITE – Exploring Knowledge, Learning, and Identity to Transform Engineering Education. The initial appointment is for one year with possibility for an additional year of renewal. The ENLITE research group is passionate about exploring how fundamental beliefs about knowledge and knowing create barriers to learning and collaborations.

The ENLITE research group is currently conducting work in two areas:

1. Developing educational experiences that consider epistemic thinking

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2. Empowering engineering education scholars to impact change in engineering.

This position will be mentored by Dr. Courtney Faber and supported by local engineering education communities in the Department of Engineering Education at University at Buffalo (UB). There will also be opportunities to participate in professional development held by SEAS and UB.

Responsibilities and Activities

This Postdoctoral Associate position is a full-time appointment in which you will conduct research with Dr. Faber, participate in professional development activities, and have the opportunity to design your own study. Additional responsibilities include:

- Collaborate on the development of new research studies and participate in preliminary data collection and analysis
- Co-author journal publications and/or research proposals
- Assist in mentoring undergraduate and graduate students in the research group
- Present research at national conferences

Application Instructions:

Review of applications will begin after Monday, March 4, 2024.

The following materials are required:

- Cover letter that summarizes your interest in the position, specific qualifications, and preferred start date. If you have not yet received your PhD, you should also include when you expect to receive it.
- CV documenting your educational background, experiences (teaching, research, and mentoring), honors & awards, publications (conference and journal), research presentations, scholarly memberships, and any other additional relevant activities.
- 2-page research statement that communicates your research interests, past research experiences, current projects – including your dissertation research, future work, and desired growth areas
- Contact information for three professional references

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Reach out to Dr. Courtney Faber (cfaber@buffalo.edu) if you have any questions.

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.

Minimum Qualifications

- Ph.D. in engineering education, STEM education, or related field to be completed by August 2024
- Experience conducting qualitative (interpretive) research
- Strong writing skills
- Ability to manage multiple projects concurrently

Preferred Qualifications

- Experience publishing STEM education journal articles
- Experience conducting research using approaches from grounded theory and/or ethnography
- Knowledge of theories related to epistemic thinking and/or identity
- Experience and/or interest mentoring undergraduate and graduate students

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact

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