



Doctoral Student Assistantships

We are looking for two PhD students to join our research group to work on a mobile learning project, funded by the Institute of Education Sciences (IES), under the supervision of Dr. Muhsin Menekse, in collaboration with Dr. Diane Litman and Dr. Ala Samarapungavan. This is a 4-year IES-funded project entitled “Enhancing Undergraduate STEM Education by Integrating Mobile Learning Technologies with Natural Language Processing.”

This project primarily aims to develop innovative mobile learning technologies, new interventions, and to document the feasibility of interventions to improve students’ academic outcomes and engagement by enhancing reflection and feedback in large-lecture STEM courses. You can visit www.coursemirror.com for more information.

The graduate students will be involved in various aspects of the project including:

- Conducting interviews with instructors and students;
- Conducting classroom observations in classroom settings;
- Collecting, cleaning, and analyzing large data sets;
- Collaborating with STEM Education Researchers and Computer Scientists to design and develop mobile and web learning/teaching technologies;
- Working with faculty members and other graduate students on disseminating findings in conference presentations and scholarly publications.

Qualifications:

- Required Bachelor degree in STEM Education, Science, Engineering, Computer Science, Mathematics, Statistics, or Psychology. Master degree(s) is not required but preferred.
- Prior research experience with K-16 students is preferred.
- Prior research experience with educational technology is preferred.
- Admission to the School of Engineering Education in the College of Engineering or the Department of Curriculum and Instruction in the College of Education at Purdue University.

For any questions about the position or the application process, please contact Dr. Muhsin Menekse via menekse@purdue.edu