The Illinois Foundry for Innovation in Engineering Education at the University of Illinois at Urbana-Champaign seek candidates for a Postdoctoral Research Associate position.

This position will primarily focus on exploring and discovering how students learn cybersecurity concepts. These studies will lay the foundation for Cybersecurity Assessment Tools (CATs) that will be used to empower later research into best practices for cybersecurity education. While primarily focused on cybersecurity, this position will be flexible, allowing the Postdoctoral Research Associate to further shape their own research agenda. The individual in this position will work closely with the Principal Investigators in a growing engineering education research group with other projects studying conceptual change in other disciplines, creating sustainable and innovative institution-level change in instruction, studying collaborative learning, and more.

Required qualifications include the ability to self-direct a research project and a completed Ph.D. degree preferably in engineering education, engineering, computer science education, computer science, science education, or related fields. Desired qualifications include the ability to work collaboratively across institutions, strong interpersonal and communication skills, experience in qualitative analysis methods such as interviewing and thematic analysis, familiarity with assessment methods, or knowledge of cybersecurity.

The Postdoctoral Research Associate is a full-time, benefits-eligible position appointed on a 12-month service basis. The initial appointment is for one year with the possibility of extension based on performance and funding. The anticipated start date is January 2016, but is negotiable. Salary is commensurate with experience and qualifications.

To apply for this position, please submit a cover letter, curriculum vitae, and names/contact information for three references to Geoffrey Herman at 217-300-3579 or glherman@illinois.edu.

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu).