

College of Education Open-Rank Faculty Positions in Technology Innovations in Education

University of Illinois at Urbana-Champaign

The College of Education at the University of Illinois seeks interdisciplinary scholars with expertise in how new digital technologies can be applied to learning, teaching, assessment, design, and policy in formal and informal educational settings. Up to three faculty positions for nine-month appointments, tenured or tenure-track, will be available. These positions are part of a new University of Illinois initiative called **TIER-ED—Technology Innovations in Educational Research and Design** (<http://tier-ed.education.illinois.edu>). The initiative, based in the College, aims to innovate and develop interdisciplinary research programs around ways that learning, instruction, and other critical issues in education can be supported and transformed by new technologies. Applicants at all levels (assistant, associate, and full professor) are encouraged to apply. Recognizing that technology applications in educational research and design are many and varied, the goal is to conduct a cluster hire of individuals who possess specific areas of expertise and will work synergistically across the College and campus. Potential areas of scholarship and expertise include:

- Understanding the cognitive and emotional underpinnings of learning or teaching with digital technologies and applying these understandings to the design of new platforms and new products (e.g., virtual reality, augmented reality, video games, multi-touch surfaces, and mobile tech).
- Developing and researching transformative ways of delivering effective education in online environments, including ways to make these environments more personal and making better use of data to enhance learning, teaching, or assessment.
- Investigating the social, political, and ethical implications of implementing new technologies and methodological innovations, and identifying new ways that technologies can transform global inequities.
- Integrating new technologies into teacher preparation and teacher professional development across content areas.
- Incorporating the practices of design research and design thinking into educational technology development, creating a pipeline of innovations, and developing connections with industry.
- Designing and investigating technologies that support learning in informal as well as formal contexts across the lifespan.

In the past five years, the College has increased its focus on technology and education, with several faculty hires in this area and the development of research labs for studying new technology applications (e.g., Illinois Digital Ecologies and Learning Laboratory). New faculty members will help strengthen and extend this capacity and will have opportunities to play key roles in defining new research directions and future initiatives. The College provides strong support for research and opportunities for collaboration internally and with leaders across campus, including colleagues in the sciences, engineering, medicine, computer science, informatics, and media, as well as at the Beckman Institute, the National Center for Supercomputing Applications, and the under-construction

Siebel Center for Design. The College is known for its groundbreaking research, innovative approaches to teaching, and service to the global community. In 2016-2017, the College had \$51 million in grant funding, including 31 active National Science Foundation grants (16 newly awarded), and nine grants from the U.S. Department of Education. External projects are happening in diverse settings that range from the Illinois prison system and the Indianapolis Children's Museum to collaborating with schools in central Illinois and Chicago Public Schools. The College is comprised of four academic departments: Curriculum & Instruction; Educational Psychology; Special Education; and Education Policy, Organization, & Leadership. It has 68 faculty members who are actively engaged in research, 600 undergraduates, and 800 graduate students enrolled annually. More information about the College is available at <http://education.illinois.edu>.

Position Responsibilities: Successful candidates will bring expertise and innovation in learning, teaching, design, and/or assessment in formal or informal settings, as well as deep expertise in a field closely associated with technology applications in educational studies such as the research areas listed above. The new faculty hires will contribute educational expertise to College and campuswide initiatives related to the design, development, implementation, assessment, and dissemination of cutting-edge, technology-intensive solutions for teaching and learning in the 21st century.

Qualifications: Candidates must have earned a doctorate in educational psychology, educational policy, learning sciences, special education, curriculum and instruction, statistics, teaching and learning, computer science, or another area that the candidate has applied successfully to education. The candidate must also have a scholarly record commensurate with a tenured or tenure-track position at a doctoral university with highest research activity as defined by the Carnegie Classifications. Senior candidates must have a strong and established track record of externally funded projects, while junior candidates must show potential for such; all candidates must provide evidence of successful interdisciplinary research collaborations with partners in related fields. In addition, the successful candidate will be able to provide evidence of teaching abilities at the undergraduate and graduate levels in on-campus or online formats. The academic departments that will serve as the tenure home in the College of Education will be matched to the successful candidates' qualifications and interests.

Salary and Starting Date: Rank and salary will be commensurate with experience. As part of the TIER-ED initiative, exceptionally strong start-up packages are available to qualified candidates. The proposed starting date is August 16, 2018.

The deadline for full consideration of applications is **December 15, 2017**, however review of applications will continue until the positions are filled. Please create a candidate profile at <https://jobs.illinois.edu> and upload one file that contains a cover letter, a curriculum vitae, a personal statement of teaching and research philosophies, and contact information for three references. All requested information must be included for an application to be considered. For more information, contact the search committee co-chairs: Associate Professor **Robb Lindgren** at robblind@illinois.edu or 217-244-3655; or Professor **Bill Trent** at w-trent@illinois.edu or 217-333-6153.

Illinois is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, 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).