Wednesday  
February 3  
12:00 – 1:15 pm  
Dean’s Conference Room – 1100 Stone Building

Dr. Fengfeng Ke  
Department of Educational Psychology  
& Learning Systems

Courseware in Higher Education: Effectiveness and Salient Trends

In this presentation, Dr. Key will present a review on the design, implementation, and evaluation of courseware in higher education. A growing body of evidence supports the potential of well-designed courseware to positively impact learner success and reduce implementation costs. In particular, the efficacy of intelligent tutoring, games, and hybrid online learning is well evidenced via both rigorous, empirical studies and meta-analytic synthesizes. Technology-rich learning systems that are adaptive, data-driven, and immersive show promise in enhancing learning, especially in STEM. Yet systematic evaluations and evidence supporting the benefits of MOOCs are still limited.

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