

FABE SEMINAR 02 09 PRESENTS

Meeting ID:
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1:50pm - 2:45pm

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Engineering Education: From Research to Practice



Abstract: Engineering education research (EER) is experiencing a renaissance of interest and growing expertise at Ohio State and beyond, leading to the discovery and development of more effective teaching practices. However, adoption in our engineering classrooms of those research findings lags behind what is known. This presentation will review the origins, research approaches, and current topic areas of EER. During the seminar, we will explore barriers that limit the impact of research, in engineering education specifically as well as more broadly in other areas of engineering research. Finally, some strategies will be recommended to close the research-to-practice loop.

Dr. Ann Christy is a Buckeye alumna -- she earned her B.S. in agricultural engineering and master's in biomedical engineering at Ohio State, and her Ph.D. in environmental engineering at Clemson University. Prior to joining the faculty, she worked in the environmental engineering consulting industry. She is a registered professional engineer and a 2nd generation woman engineer. Dr. Christy has won multiple teaching awards. Her research in bioenergy, environment, and engineering education has generated over 140 publications including over 50 on topics in teaching and learning. She is a commissioner and program evaluator for ABET and a fellow of the American Society for Engineering Education.