School of Education
Spring 2016 Colloquium Series

Kelly Mix
Professor of Educational Psychology
Michigan State University

February 24, 2016
1:00 Presentation
2:00 Discussion
Willard Hall 207

“Spatial Ability and Mathematics: Can Educators Leverage the Connection?”

This colloquium will examine how spatial training may improve mathematics learning outcomes in elementary students. Though the link between spatial ability and mathematics is well-established, researchers have not yet determined whether the many spatial and mathematical skills are equally related or how to best implement spatial training. Mix will review a range of studies on this topic with differing approaches, including factor analysis and training experiments. She aims to determine how educators might best use the connection between space and math in the classroom. Faculty and students may prepare for this presentation with the following optional reading: Cheng, Y. & Mix, K.S. (2014). Spatial training improves children’s mathematics ability. *Journal of Cognition and Development*, 15(1), 2–11.

For more information, please see the School of Education Colloquium Series webpage at www.education.udel.edu/colloquium-series/