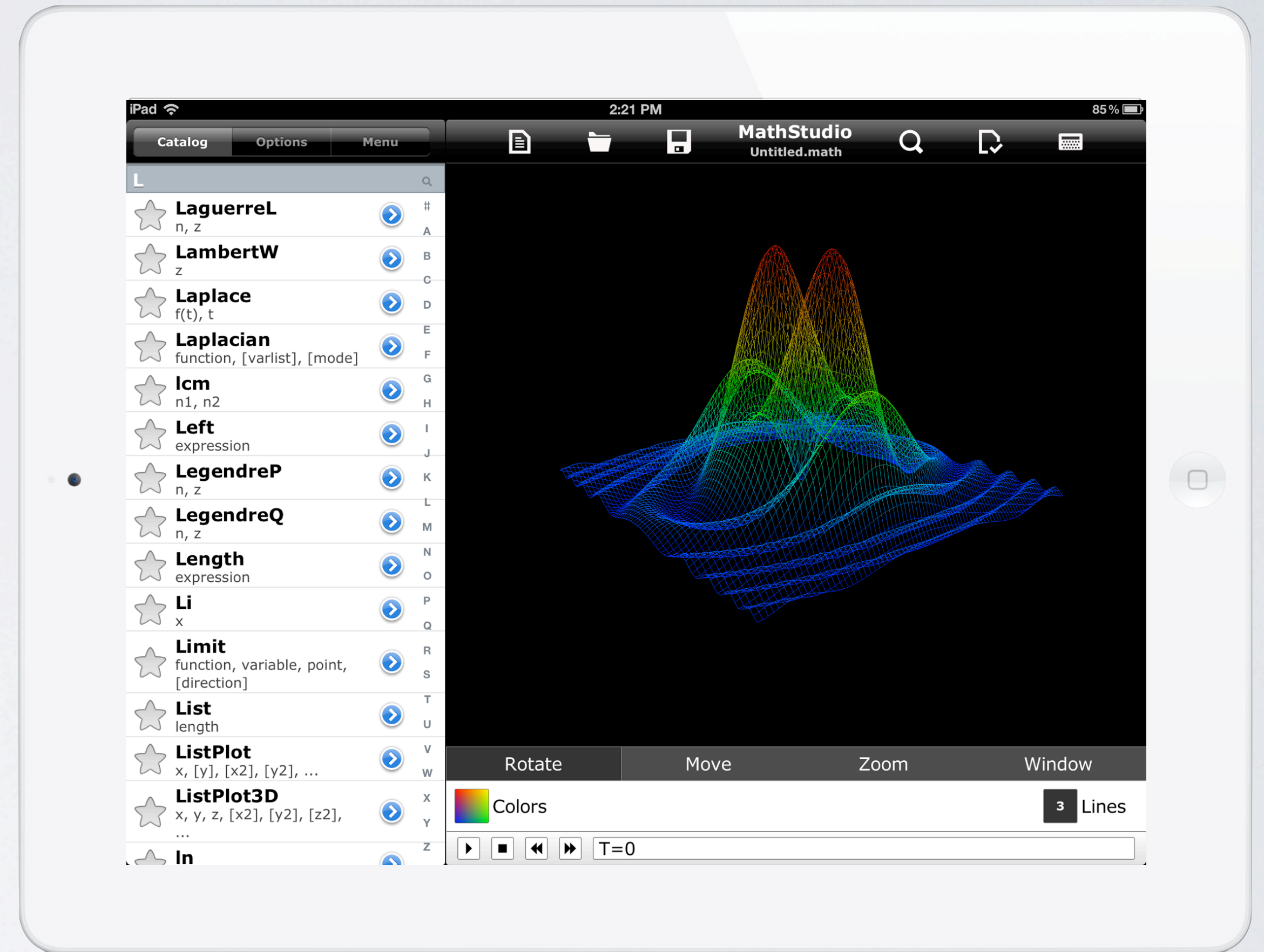


MOBILE LEARNING STRATEGIES FOR STEM

ACU Connected Open House
Spring 2012



Dr. John Ehrke

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Research Interests

- Integrating digital storytelling (screen casting, blogging, creative media projects, iBooks authoring) in higher education mathematics courses.
- Studying the impact of mobile computing on instructional pedagogy, student performance, and calculator design in mathematics education.
- Exploring the future of mathematics typesetting in a mobile learning environment, i.e. making LaTeX mobile.

Presentations & Papers

- *Making Mathematics Portable*, Texas MAA, April 2009.
- *What I learned from...catching iPhone fever*, MAA Focus, July / August 2009.
- *Efficacy of Mobile Computing Platforms*, Texas MAA, April 2011.
- *One Year Later...Embracing the iPhone in College Mathematics*, ICTCM, March 2010.
- *Teaching with Tablets*, Faculty Panel MAA MathFest, July 2011.
- *Unwrapping a Campus Wide Initiative*, Full-Day Workshop, ICTCM, March 2012.
- *Moving the Graphing Calculator to the Mobile Platform*, ICTCM, March 2012.

