**Mathematics and Science Education**

**Seminar Series**

***Fall 2013 Presentations***

**Paul W. Martin Sr. Honors Building, Room 106**

**6:00 – 7:00 p.m.**   
**All Presentations are Free & Open to the Public**

**August 27th – Mr. Brandon Banes, Lipscomb University, Department of Mathematics**

*A Study of How Pre-service Elementary Teachers Learn Mathematics through Problem-based Learning and Problem Solving*

**September 10th – Dr. Alyson Lischka, MTSU, Department of Mathematical Sciences**

*The Development of a Mathematics Teacher Beliefs Instrument:  An Application of Item Response Theory*

**September 24th – Dr. Gautam Bhattacharyya, Clemson University, Department of Chemistry**

*“Round and Round We Go!”: Lessons Learned in the Course of Research in Representational Competence*

**October 8th – Dr. George M. Bodner, Purdue University, Arthur Kelly Distinguished Professor, Department of Chemistry**

*I'm Finally Beginning to Understand Why I Didn't Understand …*

**October 22nd – Mr. G. Dodd Galbreath, Lipscomb University, Executive Director, Institute for Sustainable Practice**

*"Little Europe": A Comparison of the Sustainability Practices of Vermont with Europe*

**November 5th – Dr. Grant Gardner, MTSU, Department of Biology**

*Scientists as Public Communicators: An International Study of Undergraduate Student Perceptions*

**November 19th – Jennifer Parrish, MTSU MSE student, Biology Education**

*Flipping Instruction in a Large Lecture Biology Course for Majors: A Pilot Study*