

# **MATHEMATICS AND MATHEMATICS EDUCATION RESEARCH SEMINAR**

**Professional Blind Spots in Teaching Statistics: Are We Causing Their  
Confusion?**

**Speakers: Prof. AJ Stachelek**

**November 19, Tuesday at 3:30 PM in B-441 (Mathematics Department  
Conference Room)**

*Mathematics faculty may spend a lot of time working out the intricacies of lesson plans to provide opportunity for students to explore and understand difficult concepts, work through detailed examples, and practice computations and algorithms, but unfortunately the limitations on class time yield a tendency to attempt to cover as much material as possible in as fast as possible. This speed in presenting the material and the over familiarity mathematics faculty have with the subject matter may create unexpected opportunities to misrepresent graphical displays in ways that further confuse students. In this Mathematics and Mathematics Education Research Seminar, Professor AJ Stachelek will share how looking at a few simple but crucial concepts in statistics from a beginner's lens can dramatically shift the source of confusion from the students to the professor. Perhaps the confusion arises from the presentation rather than the interpretation.*

\*\*\* Light refreshments will be served\*\*\*

For any questions, please contact  
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