



Department of Mathematics and Statistics

COLLOQUIUM

Tuesday, February 4, 2014

Shannon Guerrero, Melissa Beal, and
Christopher Lamb
Northern Arizona University

A Flipped Classroom Study in MAT 119: Findings and Implications for the Classroom

Abstract: With much hype surrounding “flipped classrooms,” an emerging body of evidence exists regarding its effects on student learning and engagement. This talk will summarize findings from a study that examined the impact of inverted pedagogy on student achievement and attitudes toward mathematics in an undergraduate finite mathematics course (MAT 119). Discussions will focus on trends in existing research, findings from this study, and implications for the ways in which flipped classrooms could and should be structured online and in the classroom.

4:00 – 5:00 pm
Adel Mathematics Bldg., Room 164
(refreshments at 3:45)

ACGT Seminar:

Tuesday, February 4, 12:45 – 2:00 pm, AMB 221. Speaker: Nandor Sieben (NAU),
Title: Boundedness of weak animal achievement games (continued from 1/14).

Applied Math Seminar (AMS)

Thursday, February 6, 12:45 – 1:35 pm, AMB 224 Speaker: John Neuberger (NAU),
Title: Newton’s Method for ODE.

Friday Afternoon Undergraduate Mathematics Seminar (FAMUS):

Friday, February 7, 3:00 – 4:00 pm, AMB 164
Speaker: TBA, Title TBA, Faculty Guest: TBA.