

# Spring 2017 - Contributed Talk Schedule

## 150 Shineman Center

### Teachers' Masters Capstone Projects in Secondary and College Mathematics

Session Organizer, Keary Howard, SUNY Fredonia

- 1:10-1:35 **Danielle Czerwinski**, SUNY Fredonia, *Feared Fractions and Dreaded Decimals: A Study of College Students' Preferences Between Fractions and Decimals.*
- 1:40-2:05 **Jacob Brostrom**, SUNY Fredonia, *The Effectiveness of Teaching Constructions Using Straightedge and Compass Versus Using Technology*
- 2:10-2:35 **Nicole Sottilaro**, SUNY Fredonia, *Sig Figs and Scientific Notation Confusion: Misunderstandings in Significant Figures and Scientific Notation*
- 2:40-2:55 **Elyssa Adams**, SUNY Fredonia, *The Efficacy of Video-Based Learning in the Common Core Algebra Classroom.*

## 170 Shineman Center

- 1:10-1:35 **Chad Mangum**, Niagara University, *New Realization of Twisted Toroidal Lie Algebras*
- 1:40-2:05 **Sam Northshield**, SUNY Plattsburgh, *Small Denominators and Their Corresponding Numerators*
- 2:10-2:35 **Christopher Baltus**, SUNY Oswego, *Central Collineations: Straightedge Constructions and Matrix Algebra*
- 2:40-2:55 **Hossein Behforooz**, Utica College, *Linear Algebra Properties of Magic Squares*

## 172 Shineman Center

- 1:10-1:35 **Yozo Mikata**, Bechtel Corporation, *1D Phononic Metamaterials: Infinitely Periodic and Finitely Periodic Materials*
- 1:40-2:05 **Gordan Craig**, Université Laval and Mérici College, *The Unsteady Invisible Hand*
- 2:10-2:35 **Amanda Mangum**, Niagara University, *Comparing Clustering Algorithms on Porcine Atherosclerotic Data*
- 2:40-2:55 **James Parkus**, RIT, *Trajectories around Lagrange Points in the Restricted Three-Body Problem*

## 174 Shineman Center

- 1:10-1:35 **Joseph Kolacinski**, Elmira College, *A Mathematical Comparison of Open and Closed Primaries through Fairness Criteria*
- 1:40-2:05 **Darren Narayan**, RIT, *Research with Undergraduates: Towards a Characterization of Graphs with Distinct Betweenness Centralities*
- 2:10-2:35 **Olympia Nicodemia**, SUNY Geneseo, *Calculus: Closing the Equity Gap*
- 2:40-2:55 **James Marengo**, RIT, *A Geometric Deviation of the Irwin-Hall Probability Distribution*