Student Talk Schedule

Shineman 176:
1:10-1:35 **Hui Dan,** University at Buffalo, SUNY, *A Comparison of Three Fractional Derivatives in Finite Difference Approximations to Fractional Differential Equations*
1:40-2:05 **Sean Lyons**, Le Moyne College, *Exploring NHL Team Styles and What Determines Success*
2:10-2:35 **Michael McDermott, Brendan O'Braitis, and Thomas Maurer,** SUNY Oneonta, *A History of the Mathematics Department at SUNY Oneonta*
2:40-3:05 **Erin Nannen,** Ithaca College, *Mathematical Symmetry in Poe's Work*

Shineman 178:
1:10-1:25 **Michelle Persaud,** SUNY Fredonia, *Discovering Parallels Between Euclidean Constructions and Origami Constructions*
1:25-1:40 **Emily Hedison**, Hamilton College, *Extensions of Rock-Paper-Scissors*
1:40-1:55 **Rachel Schank**, SUNY Fredonia, *Mathematical Group Theory and Triadic Harmony*
1:55-2:10 **Luke Ciminelli**, Niagara University, *Markov Chain Methods to Produce a Walking Bassline in Jazz Music*
2:10-2:25 **Brandon Payne**, Elmira College, *The Similarities of Open and Closed Primaries Through Fairness Criteria*
2:25-2:40 **Phoebe Cai**, Hobart and William Smith Colleges, *Constructing the Species Tree from the Gene Tree*
2:40-2:55 **Jesse Maltese**, Hobart and William Smith Colleges, *Species Tree Estimation Under the Coalescent Model*

Shineman 183:
1:10-1:25 **Gordon Bogardus,** Hamilton College, *Baseball, Percentages, and Regression*
1:25-1:40 **Jenna Zomback**, SUNY Geneseo, *Colored Unlinking*
1:40-1:55 **Mark Curiel and Jacqueline Kane,** Hobart and William Smith Colleges, *Analysis of Phylogenetic Trees Used in Quantitative Trait Mapping*
1:55-2:10 **Hector Miranda**, RIT, *Domain of Possible Configurations for Planar 3 Body Problem*
2:10-2:25 **Ashley Case**, SUNY Brockport, *Extending the Applicability of the Lagrange Multipliers Method*
2:25-2:40 **Michelle Piwonski**, SUNY Brockport, *The Probability that a Cubic Equation has Only Real Roots - The Special Cases*

Shineman 185:
1:10-1:25 **Shoshanna Longo and Hunter Collin**, RIT, *Comparison Study of Adomian's Decomposition Method and Homotopy Perturbation Method for the Non-Linear Differential Equations*
1:25-1:40 **Sterling Campbell**, Alfred University, *Discrete Morse Theory for Medial Subdivision*
1:40-1:55 **John Steiner**, SUNY Brockport, *Approximation of Fractals*
1:55-2:10 **Emmerson Zhaime**, Hamilton College, *Using Cronbach's Alpha to Assess the Reliability of Alcohol Survey Questions*
2:10-2:25 **Binh Nguyen**, Hamilton College, *What is the Hidden Markov Model? And How Does it Help Advance Our Understanding of Biology?*
2:25-2:40 **Dakota Morano**, Niagara University, *Predictions and Outcomes in the MLB*