STUDENT TALKS

2019 Allegheny Mountain Section Meeting at Shepherd University,

	Stutzman-Slonaker 201	Stutzman-Slonaker 202	Stutzman-Slonaker 207	Stutzman-Slonaker 209
7:15 - 7:30	**Samuel Hockenberry** *Westminster College* Investigation of Ohio Adjudicated Youth Through Cluster Analysis	**Kristina Daniels** **Sydney Maibach** *Fairmont State University* Optimizing Low-Income Home Loans	**Zheping Lu** *University of Pittsburgh* Nonsplit Module Extensions Over the One-sided Inverse of $k[x]$	
7:35 - 7:50	**Jamie Thompson** *Westminster College* An Investigation of Adjudicated Ohio Youth through Logistic Regression	**Sydney Maibach** **Kristina Daniels** *Fairmont State University* The Human Error in Cyber Security	**Stephen Cha** **Tyra Pitts** *University of Pittsburgh* Natural Language Processing for Smart Baseball Scouting	
7:55 - 8:10	**Colleen Dougherty** *Slippery Rock University of PA* Finding Pythagorean Triples Using Gnomons	**Brooke Fincham** **Zachary Linger** *Fairmont State University* A Mathematical Model for Proactive Bank Hiring	**Claire Hickey** **Valeri Natole** *University of Pittsburgh* Flight Scheduling: 'Shirley' You can't be Serious!	**Patrick Cone** *Indiana University of PA* Graceful Tree Conjecture
8:15 - 8:30	**Jacob Daugherty** *Slippery Rock University of PA* On Round Robin Tournaments and Integer Sequences	**Cori Timney** *Juniata College* The Fairness of Freaky Four-sided Die	**Joel Valentino** *University of Pittsburgh* Optimization of Sensors for Robotic Inspections	**Xueying Li** *University of Pittsburgh at Johnstown* The Trend of Temperature of Philadelphia from 2007 to 2017
8:35 - 8:50	**Jacob Lindey** *Slippery Rock University of PA* An Algorithm for Triangulating 3-Manifolds Given by an Infinite Family of Face Pairings	**Michael Madden** *Juniata College* A New Slant: Trigonometry in the Iso-taxi Metric	**Donald Falk** **Andrew Klang** **Jason Miller** *University of Pittsburgh* Machine Learning Applied to Pitching and Batting in Baseball	