Faculty Talks

2016 Allegheny Mountain Section Meeting at Gannon University

	Zurn 129	Zurn 235	Zurn 329	Zurn 439	Zurn 445	Zurn 447
10:15-10:30	**Angela Berardinelli** A crash course in reflection groups	**Tim Flowers** Counting Hyper m-ary Partitions	**Douglas Puharic** Exploring the Graph of Euler's Totient Function	**David Offner** Characterizing Cop-Win Graphs and Their Properties Using a Corner Ranking Procedure	**Shelly Bouchat** Using Mathematics to Model River Blindness	**Paul Olson** Using Laplace Transforms in an applied Diff. Eq.'s Class
10:35-10:50	**Jen Ulrich and Paul Becker** Mathieu Groups and Their Connections to Combinatorics	**James Sellers** Characterizing the Number of m-ary Partitions Modulo m	**Roman Wong** Connecting numbers whose product is a square, almost	**John Bukowski** van der Pol's Tablecloth: Highlights from the Balthasar van der Pol Collection at Museum Boerhaave	**John Tolle** Special Topics Courses at a Small Campus with No Math Majors	**Boon Ong** Oh, the Thinks You Can Think! with Wolfram-alpha
10:55-11:10	**Maggie Habeeb** Applications of Group Theory	**Leandro Junes** Using Power Series to Count Dyck Paths	**Joe Previte** The Beautiful Dynamics of i^z	**Antonella Cupillari** The Shape of the Solutions of a Quadratic	**Victoria Czarnek** Effective Use of WebAssign with Calculus I	**Gary Thompson** Mathematica Madness
11:15-11:30	**Daniel Galiffa** Hypergeometric Relations for Jacobi Polynomials	**Jared Burns** Porous Sets	**John Hoggard** Waiting on an infinite candy bowl	**Ivko Dimitric** Where the center of mass weighs in	**Andrew George** Mixing First-year Students and Online Math Courses: A Recipe for Disaster?	**Anne Quinn** Using Apps to Visualize Graph Theory: Planar Graphs and Kuratowskis Theorem