

## Faculty Talks Saturday April 12<sup>th</sup>

*2008 Allegheny Mountain Section Meeting at the University of Pittsburgh*

	<b>Benedum Hall Rm 424</b>	<b>Benedum Hall Rm 426</b>	<b>Benedum Hall Rm 523</b>	<b>Benedum Hall Rm 525</b>	<b>Benedum Hall Rm 720</b>	<b>Benedum Hall Rm 722</b>	<b>Benedum Hall Rm 823</b>
<b>10:15- 10:30</b>	<b>Patrick Headley</b> <i>Walks in Affine Weyl Groups</i>	<b>Larry Downey</b> <i>The mathematics of JPEG</i>	<b>Karen Bolinger</b> <i>Student vs King Kong</i>	<b>Henry E. Escudro</b> <i>Distinguishing the Vertices of Cycles and Paths</i>	<b>Pam Wovchko,</b> <i>Using an Interwrite Pad to Get Students More Involved in Mathematics Classes</i>	<b>Carl F. Letsche</b> <i>Problem 11249; an integer sequence tale.</i>	<b>Lalitha Subramanian</b> <i>Geometer's Sketchpad in Introductory Calculus Class</i>
<b>10:35- 10:50</b>	<b>Robert Sulman</b> <i>A Parameter Space of Properly Discontinuous Affine Groups</i>	<b>Ivko Dimitric</b> <i>Riemannian immersions and submersions of finite type</i>	<b>Antonella Cupillari</b> <i>An Integration Technique from the Past</i>	<b>John W. Hoggard</b> <i>Random walks through an infinite candy bowl</i>	<b>Jon Beal</b> <b><i>Lessons learned from the Freshman Dream Product Rule</i></b>	<b>Yu-Ju Kuo</b> <i>The least is the best!!- Minimizing Cost while Meeting Nutritional Requirements</i>	<b>Nancy Rodgers</b> <i>Illuminating Group Lattices</i>
<b>10:55- 11:10</b>	<b>John Tolle</b> <i>The Plane of GWB Functions</i>	<b>Jason Lingle-Martin</b> <i>Isosceles Heron Tetrahedra</i>	<b>Boon Ong</b> <i>One particular problem in Calculus</i>	<b>Marc Brodie</b> <i>Some Puzzling Arrangements</i>	<b>Theodore Erickson</b> <i>Visual Manipulations</i>	<b>Radoslav Dimitric</b> <i>Boscovich and the Notion of Continuity</i>	<b>Joshua C. Sasmor</b> <i>Problems with Complex Exponentials and Fractals</i>
<b>11:15- 11:30</b>	<b>Daniel M. Look</b> <i>Cantor, Apollonius and Sierpinski: Julia Sets Generated from Multiple Circle Inversion</i>	<b>Javier Gomez-Calderon</b> <i>Cyclotomic Polynomials of the Second Kind</i>	<b>Kimberly Burch</b> <i>Beat the Pumps with Algebra</i>		<b>Michael McConnell</b> <i>Use the Casio ClassPad 300 to teach Number Theory</i>		<b>Lalitha Subramanian</b> <i>Concept Mapping in Introductory Calculus Class - A Project Summary</i>