

STUDENT TALKS

2013 Allegheny Mountain Section Meeting at IUP

	Stright Hall 327	Stright Hall 329	Stright Hall 333	Stright Hall 340
7:35- 7:50	Salvatore Brusco & Marand Evans <i>Indiana University of PA</i> SMART Notebook Math Module	Gabe Kramer <i>Penn State Erie</i> A Walk in the Woods	Laura Lee <i>Washington & Jefferson College</i> Deriving the Simple Continued Fraction Expansion of e without Integrals	Brad Spangler <i>Slippery Rock University</i> Juggling the Numbers
7:55- 8:10	Amber Adams & Marisa Jendrasik <i>Slippery Rock University</i> A New Level of Tic- Tac-Toe	Jared Jones <i>Washington & Jefferson College</i> What is a neusis construction?	Andrew Kyrargyros <i>Westminster College</i> The Exactly 1 Cellular Automata	Noriko Mikeasky <i>Indiana University of PA</i> Mathematics and Chemical Kenetics
8:15- 8:30	Maria Buggy <i>Washington & Jefferson College</i> Secant and Tangent Series Derivation	Jackie Yanchuck <i>Seton Hill University</i> The Effect of Experiment Design on Network Inference	Richard Coultas <i>Indiana University of PA</i> An Introduction to Non-Repetitive Sequences	Grace Evans <i>Slippery Rock University</i> The In's and Out's of Card Shuffling
8:35- 8:50	Lucas Lingenfelter <i>Juniata College</i> An Analysis of Gray Codes Applied to Gene Sequences	Tyrone Jones <i>Indiana University of PA</i> Modular Arithmetic for Vietnam POWs	Julia Myers <i>Penn State Erie</i> Conceptualizations of Slope In Two Textbook Series	Emily Sasala <i>Washington & Jefferson College</i> Probability Problem About Chords in a Quarter Circle
8:55- 9:10	Stephen Galloway & Alex Maben <i>Slippery Rock University</i> Pairing through the Deck	Sammi Taylor & Zoe Levenson <i>Washington & Jefferson College</i> Bulgarian Solitaire: The Game that Never Ends	Mark Dombrowski <i>Penn State Erie</i> q -Orthogonal Polynomial Solutions to Quantized Difference Equations	Seonmi Do <i>Indiana University of PA</i> Angles in the Analog Clock
9:15- 9:30	Theresa Scarnati <i>Indiana University of PA</i> Game Theory: Rock, Paper, Scissors, Lizard, Spock	Scott Pitzer <i>Slippery Rock University</i> How Much Damage Can Your Pokémon Do?		

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	Stright Hall 231	Stright Hall 232	Stright Hall 240
7:35- 7:50	<p>Sarah Algee <i>Wheeling Jesuit University</i></p> <p>Visual Representations of the Intersections of Sets</p>	<p>Jordan Ritchie, Jody Crissman, & Stephanie Edsall <i>Indiana University of PA</i></p> <p>Smart Pens in the Classroom</p>	<p>Courtney Killian & Tricia Stoner <i>California University of PA</i></p> <p>Fibonacci's Perfect Power: The Power of Fibonacci</p>
7:55- 8:10	<p>Danielle Crossey & Jessica McEwen <i>Indiana University of PA</i></p> <p>Are College Students Smarter than 5th graders?</p>	<p>Kasey Zemba & Marielle Silvio <i>California University of PA</i></p> <p>Raise the Roof for Fibonacci</p>	<p>Clay Schuman <i>Penn State Erie</i></p> <p>Multi-Dimensional Predator- Prey Models</p>
8:15- 8:30	<p>Tyler Ewing <i>Penn State Erie</i></p> <p>A Complete Characterization of the Sheffer B-Type k Orthogonal Sets</p>	<p>Hadley Cesar <i>Indiana University of PA</i></p> <p>The Mathematics of Music</p>	<p>Shawn Pelc <i>Edinboro University of PA</i></p> <p>Using Markov Processes in Musical Composition</p>
8:35- 8:50	<p>Jonathan Cohen <i>Duquesne University</i></p> <p>Pointwise Smoothing of Images in Besov Spaces</p>	<p>Quentin Panger <i>Slippery Rock University</i></p> <p>Go and Solvable Endgame Scenarios Via Partitioning</p>	<p>Stephen Donnel & Tyler Jack <i>Indiana University of PA</i></p> <p>3-Dimensional Printing</p>
8:55- 9:10	<p>Jeremy Yagle, John Float, & Kayla Copeland <i>Indiana University of PA</i></p> <p>Mathematical Models of Running</p>	<p>Daniel Rutkowski <i>Westminster College</i></p> <p>An Exploration in Cover Pebbling</p>	<p>Ahmad Al-Ruhaimy <i>King Fahd University of Petroleum and Minerals</i></p> <p>Approximation of Trigonometric Functions Using Special Angles</p>
9:15- 9:30	<p>Alexandra Sortino & Hope Snyder <i>Washington & Jefferson College</i></p> <p>Partitions of Integers</p>	<p>Ryan Grove <i>Indiana University of PA</i></p> <p>Immersed Boundary Modeling of Journal Bearings in a Viscoelastic Fluid</p>	