

**Kentucky Section of the Mathematical Association of America**

**Western Kentucky University – April 6-7, 2018**

**Friday, April 6 – Contributed Talks/Invited Address/Others (u: undergraduate; g: graduate; f: faculty)**

2:00 – 4:30	<b>Registration: Gary Ransdell Hall (GRH) First Floor Lobby</b>				
	GRH 2005	GRH 2006	GRH 2008	GRH 2009	GRH 2010
3:15 – 3:30	<b>Duk-Hyung Lee</b> (Asbury – f) <i>Square-ful of Mathematics</i>	<b>Peter Agaba</b> (WKU – g) <i>Optimal Control Theory and Parameter Estimation of Parameters in a Differential Equation Model for Patients with Lupus</i>	<b>Ahmet Ozkan Ozer</b> (WKU – f) <i>Exponential Stabilization Results for Cantilevered Smart Piezoelectric Laminates by Using the Semigroup Theory</i>	<b>Holden, Kasturiratna, and Buckley</b> (NKU – f) <i>PIC Math at NKU</i>	<b>Kati Johnson</b> (Murray – g) <i>Covering and Packing Parameters of the <math>m</math> by <math>n</math> Bishop Graph</i>
3:35 – 3:50	<b>Courtney George</b> (WKU – u) <i>Properties of Truncations of Pascal's Triangle</i>	<b>Kanthawar and Krishna</b> (WKU – u) <i>Accurately Modeling the Chronic Wound-Healing Process</i>	<b>Adam Bender</b> (Murray – u) <i>Periodic fractal</i>	<b>Alyssa Farmer</b> (NKU – u) <i>Fueling the Future Four States at a Time</i>	<b>Emily Hoard</b> (Murray – u) <i>Southwesterly Snakes: A Move Minimizing Game</i>
4:00 – 5:00	<b>Invited Address</b> (Gary Ransdell Hall auditorium – GRH 1074) <b>Paul Pollack (University of Georgia)</b> <i>2000 Years of Summing Divisors</i>				
5:15 – 5:30	<b>Rus May</b> (Morehead – f) <i>A "Middle School" Problem About Counting Triangles in a Triangular Lattice</i>	<b>Ngoc Nguyen</b> (WKU – f) <i>A Note on the Applicability of Rao's Score Test</i>	<b>Rachel Turner</b> (WKU – u) <i>Analyzing Spending of the NHL Salary Cap</i>	<b>Matthew Farr</b> (Murray – u) <i>An Analysis of Car Ownership Costs: Determining Optimal Three-Year Ownership Period</i>	<b>Elizabeth Donovan</b> (Murray – f) <i>An Implementation Algorithm for the Detection of Planar Graphs</i>
6:00 – 6:45	<b>Banquet</b> (Knically Center 163B, South Campus)				
7:00 – 8:00	<b>2017 Distinguished Teaching Award Address</b> (Knically Center 163B, South Campus) <b>Steve Wilkinson (Northern Kentucky University)</b> <i>What Do Mathematicians Do? (How I Learned to Appreciate Matrix Decomposition)</i>				