

**PROGRAM of SPRING MEETING 2010**  
**Franklin College**  
**April 9-10, 2010**

**FRIDAY APRIL 9, 2010**

3:00–4:00	Graduate Student Panel	Chapel
3:00–5:00	Conference Registration	Atrium, Student Center
3:15-3:50	ICMC Registration	Atrium, Student Center
4:00–4:15	ICMC Orientation	Branigin Room, Student Center
4:30–6:30	ICMC Contest	(various rooms)
3:30—6:10	MAA Book Sale	Multicultural Room, Student Ctr

	JCFA 101	JCFA 103	JCFA 104
4:30 – 4:55 p.m.	(Use if needed)	(Use if needed)	(Use if needed)
5:00 – 5:25 p.m.	<b>Dan Callon</b> Franklin College <i>Creating a Departmental Culture of Enriching Experiences</i>	<b>Adam Coffman</b> IPFW <i>Glaeser's Inequality on an Interval</i>	<b>Adam Salminen</b> University of Evansville <i>Generalizing Some Old Problems on Abelian Groups</i>
5:30 – 5:55 p.m.	<b>Melvin Royer</b> Indiana Wesleyan University <i>Gabriel's Other Equipment</i>	<b>Melissa Desjarlais</b> Valparaiso University <i>Threshold Signed Dominating Function for Trees</i>	<b>Wah-Kwan Ku</b> Indiana University <i>Finite Blocking Property of Surfaces</i>

6:30–7:30	Dinner and Awards	Branigin Room, Student Center
7:30-8:30	<b>Rick Cleary</b> Bentley College <i>Some Non-standard Applications of Mathematics to Sports.</i>	Branigin Room, Student Center
8:45–?	Optional Activities for Students	

**SATURDAY, APRIL 10, 2010**

7:00–8:00	Chairs and Liasons Breakfast	Comfort Inn Conference Room
8:00-8:30	Conference Registration	Atrium, Student Center
8:00-3:00	MAA Book Sale	Multicultural Room, Student Ctr
8:15-8:25	Welcome <b>James Moseley</b> <i>President, Franklin College</i>	Branigin Room, Student Center
8:25–9:25	<b>Eric Rowland</b> Tulane University <i>Wolfram/Alpha: Inside and Out</i>	Branigin Room, Student Center

	JCFA: Henderson Conf. Rm.	JCFA 101	JCFA 103	JCFA 104
9:30 – 9:55	↑ <b>Crystal Lorch &amp; John Lorch</b>  (Ball State University)  Student Workshop  <i>The Mathematics of Sudoku</i>  ↓	<b>Chad Waddington</b> Indiana Wesleyan University <i>Sinks, Saddles, Sources: The Path to Chaos</i>	<b>Brittany Wagoner</b> Valparaiso University <i>Medians of Permutations</i>	<b>Phil Mummert</b> Taylor University <i>A Discrete Complex Calculus</i>
10:00 – 10:25		<b>Bill Karr</b> IUPUI <i>Eigenvalue Distributions of Random Non-Hermitian Matrices with Purely Real Spectra</i>	<b>R. Bowman &amp; K. Wease</b> Vincennes University <i>Examining the Relationship Between Teachers' Images of Mathematics and Their Mathematics History Knowledge</i>	<b>J. Byl &amp; R. De Meo</b> Taylor University <i>Investigating Determinants and Polynomials of Weaving Knots</i>
10:30 – 10:55		<b>J. Christopher Tweddle</b> University of Evansville <i>An Introduction to Mathematical Modeling of Atmospheric Dispersion</i>	<b>Danielle Goodwin</b> Vincennes University <i>Investigating Perfect Shuffles</i>	↑ <b>Indiana Project NExT Panel Discussion</b>
11:00 – 11:25		<b>Samuel Roth</b> Grace College <i>Making Infinite Series Easier via Integral Transforms</i>	<b>Mark Burek</b> Valparaiso University <i>Modeling the Political Stability of Neighborhoods in the U.S.</i>	↓ <i>Undergraduate Research</i>

11:45–12:45	Lunch	Branigin Room, Student Center
12:50-1:10	ICMC Results	Branigin Room, Student Center
1:10-1:30	Business Meeting	Branigin Room, Student Center
1:30-2:30	Panel Discussion <i>Using Technology in the Mathematics Classroom</i>	Branigin Room, Student Center

GENERAL ADJOURNMENT - See you October 16, 2010 at Purdue North Central!