

Friday, January 31, 2014

Time	Event	Location
1:00 pm – 3:15 pm	Registration, Snacks & Campus Tours <i>Snacks will be provided. Campus tours meet in the lobby from 3:00 pm to 3:30 pm.</i>	Atrium and Lobby, Embassy Suites
3:40 pm – 6:05 pm	Conference Opening Session Christine Kelley, Associate Professor of Mathematics and Co-Chair of NCUWM, University of Nebraska-Lincoln Ellen Weissinger, Senior Vice Chancellor, Academic Affairs, University of Nebraska-Lincoln Judy Walker, Professor and Chair, Department of Mathematics, University of Nebraska-Lincoln	Auditorium Second Floor, Nebraska Union
	<hr/> 1 st Plenary Talk: <i>From Disorder to Order: How a Mathematician Sees Life and Work</i> Gigliola Staffilani, MIT	
	<hr/> Panel Discussion: <i>Careers Using Mathematics</i> Moderator: Petronela Radu, University of Nebraska-Lincoln Panelists: Lipi Acharya, Dow AgroSciences Sara Blight, National Security Agency Heidi Burnett, Mercer Pallavi Dani, Louisiana State University Jennifer Davis, Rockwell Collins Elin Smith, Kenyon College	
7:00 pm	Banquet & Panel Discussion: <i>Random Bits of Advice</i> Moderator: Judy Walker, University of Nebraska-Lincoln Panelists: Raegan Higgins, Texas Tech University Karin Melnick, University of Maryland Cynthia Phillips, Sandia National Laboratories Gigliola Staffilani, MIT	Regents Ballroom BCDEF, Embassy Suites

Saturday, February 1, 2014

Time	Event	Location
7:00 am – 8:00 am	Breakfast <i>Poster presenters in Session A should set up their posters at this time in Regents Ballroom A. Velcro tape will be provided.</i>	Atrium, Embassy Suites
Session 1 – Presentations by Undergraduate Students		
	Regents Ballroom - B Embassy Suites	Regents Ballroom - C Embassy Suites
8:10 am – 8:25 am	<i>Comparing Methods for Classifying Open Knots</i> Elizabeth Annoni and Nicole Lopez, University of St. Thomas	<i>Periodicity of Third-Order Linear Recursive Sequences</i> Shan Shan, Agnes Scott College
8:30 am – 8:45 am	<i>Light Propagation in Low Scattering Regions of Tissue</i> Alisha Cardanini, University of California, Merced	<i>An Algebraic Approach to Tile Invariants</i> Amanda Bright, Westminster College
8:50 am – 9:05 am	<i>Inferring Authorship Through Myers-Briggs Type Inventory and Naive Bayes</i> Elizabeth DeCarlo, Duquesne University	<i>Avoiding Permutation Patterns in Ordered Set Partitions</i> Stephanie DeGraaf, Iowa State University and Julia Yuan, Valparaiso University
9:10 am – 9:25 am	<i>Sonification of EEGs</i> Kate Ehnis and Stacy Philip, Texas Tech University	<i>The Krasnosel'skii Zero Theorem</i> Yaxi Gao, Harvey Mudd College
9:30 am – 9:45 am	<i>Mathematical Modeling of Social Dynamics with Applications to Real-World Problems</i> Deborah Koch, Sam Houston State University	<i>Predicting Atlantic Sun Volleyball Tournament Outcomes</i> Elizabeth Knapper, Mercer University
9:50 am – 10:50 am	Panel Discussion: <i>Choosing a Mathematics Graduate Program</i> Moderator: Susan Hermiller, University of Nebraska-Lincoln Panelists: Holly Attenborough, Indiana University, Bloomington Samantha Erwin, Virginia Tech Rebecca (Rodger) Everett, Arizona State University Lauren Keough, University of Nebraska-Lincoln Kelly McQuighan, Brown University Chelsea Weaver, University of California, Davis	Regents Ballroom BC, Embassy Suites
10:50 am – 11:15 am	Conference Photo <i>If you did not sign a photo release statement, please do not participate in the group photo.</i>	Outside (if bad weather: in Atrium, Embassy Suites)

Session 2 – Presentations by Undergraduate Students			
	Regents Ballroom- B Embassy Suites	Regents Ballroom - C Embassy Suites	Regents Ballroom - F Embassy Suites
11:15 am – 11:30 am	<i>Using Mathematics to Investigate Integrin Activation in Inhibited Cell Migration</i> Lauren Lembcke, Indiana University - Purdue University Indianapolis	<i>The Generalized Symmetric Tequila Problem: Influence and Independence in Symmetric N-Player Games</i> Denali Molitor, Colorado College	<i>A Symmetric Breakfast: Automorphism Groups of Compact Riemann Surfaces</i> Casey Pinckney, Seattle University
11:35 am – 11:50 am	<i>Modeling Positions Coupled to F508, Site of Chief CF Causing Mutation</i> Saba Nafees, Texas Tech University	<i>Colored-Independence</i> Sarah Lange, College of Saint Benedict	<i>A Factorization of Temperley-Lieb Diagrams</i> Sarah Salmon, Northern Arizona University
11:55 am – 12:10 pm	<i>Mathematical Modeling of Multi-Focal Brain Tumors</i> Ashley Webber, Arizona State University	<i>Distinguished-Color Rainbow Connection in Graphs</i> Katherine Boligitz, La Salle University	<i>The Broken Ptolemy Algebra: A Finite-Type Laurent Phenomenon Algebra</i> Abby Stevens, Grinnell College
12:15 pm – 12:30 pm	<i>A Genome-wide Association Study of Glaucoma and Age-related Macular Degeneration</i> Hailee Reist, Wartburg College	<i>Recent Developments Concerning Two Conjectures by Frucht</i> Alessandra Graf, Northern Arizona University	<i>Launching into Problem-Based Lessons</i> Hannah Guth, Marquette University
12:40 pm – 2:00 pm	Lunch for Undergraduates Please see restaurant list in your registration materials. If you'd like to go with a group, meet in the hotel lobby by 12:50 pm.		Downtown Lincoln
	Faculty Professional Development Luncheon <i>Meal choice was selected in online registration.</i>		Atrium, Embassy Suites
2:00 pm – 3:00 pm	Poster Session A <i>Poster presenters will be available to discuss their posters.</i>		Regents Ballroom A, Embassy Suites
3:10 pm – 4:05 pm	2nd Plenary Talk: <i>Sensor Placement for Municipal Water Networks</i> Cynthia Phillips, Sandia National Laboratories		Regents Ballroom BC, Embassy Suites
4:15 pm – 4:25 pm	Snack Break		Pre-Convention Area, Embassy Suites
Session 3 – Presentations by Undergraduate Students			
	Regents Ballroom - B Embassy Suites	Regents Ballroom - C Embassy Suites	Regents Ballroom - F Embassy Suites
4:30 pm – 4:45 pm	<i>Hospital Charge Function Estimation and Study of Some Interactions: A Case Study of Diabetes</i> Alison Smith, Xavier University	<i>A Combinatorial Approach to the Meunier-Babson Theorem</i> Elizabeth Kelley, Harvey Mudd College	<i>BVP: The Unified Transform Method vs. Separation of Variables</i> Uyen Le, Seattle University
4:50 pm – 5:05 pm	<i>An Exploration of Food Webs Through Graph Theory</i> Lindsey Smith, University of Wisconsin-Madison	<i>Trees of Irreducible Numerical Subgroups</i> Taryn Laird, Northern Arizona University	<i>Long-Term Behavior of Solutions to a Nonlinear Wave Equation</i> Elizabeth Galvin, Marist College
5:10 pm – 5:25 pm	<i>Computational Modeling of Glioblastoma Multiforme</i> Lena Snyder, Arizona State University	<i>2-tone Colorings in the Direct Product of Graphs</i> Jennifer Loe, Oklahoma Christian University	<i>Solvability of Linear Nonhomogeneous Second-Order Two-Point Boundary Value Problems</i> Daria Drozdova, Pomona College

5:35 pm – 6:15 pm	Breakout Session 1 <i>Undergraduates have been assigned to breakouts. Please find your tickets at the back of your nametag. Faculty and graduate students are welcome to attend any of the breakout sessions or have been asked to facilitate a session. See the registration desk to confirm breakout facilitation assignments.*</i>	Alumni Room, Regents D, E or F, Chancellor's Rooms 1, 2, 3, P Street Dining Area, Embassy Suites
6:20 pm – 7:00 pm	Breakout Session 2 <i>Undergraduates have been assigned to breakouts. Please find your tickets at the back of your nametag. Faculty and graduate students are welcome to attend any of the breakout sessions or have been asked to facilitate a session. See the registration desk to confirm breakout facilitation assignments.*</i>	Alumni Room, Regents D, E or F, Chancellor's Rooms 1, 2, 3, Embassy Suites
7:00 pm – 7:15 pm	Poster Session A Takedown <i>If you presented a poster in Session A, please pick it up before the Pizza Dinner.</i>	Regents Ballroom A, Embassy Suites
7:15 pm	Pizza Dinner <i>Note to undergraduates: Table assignments for conference guests are featured in your bio packet. Please put your nametag on your seat before getting in the buffet line and allow table hosts to jump to the front of the line. Be prepared to switch tables during the meal to maximize networking opportunities.</i>	Regents Ballroom BC, Embassy Suites

*** Breakout Session Tickets:** If you would like to attend different breakout sessions than you chose in your online registration, please come to the conference registration desk to switch your tickets with any extras that are available. During Breakout Session 3 on Sunday, another breakout called "Writing a CV/Resume" also will be an option, and those tickets will be at the registration desk.

Please Note:

Checkout time on Sunday is 1:00 pm.

If you are flying out of Lincoln:

Hotel shuttles to the airport depart on the hour, and every half hour as needed. Please be sure to let the front desk staff know when you need to depart. The typical amount of time needed to arrive at the Lincoln airport is 1 hour and 15 minutes prior to flight departure.

If you are flying out of Omaha:

Allow at least an hour of drive time to the airport (weather permitting) and an additional 1 hour and 15 minutes prior to flight departure. If you are using OMALiNK, they should have scheduled this with you.

Sunday, February 2, 2014

Time	Event	Location												
7:00 am – 8:00 am	Breakfast <i>Poster presenters in Session B should set up their posters at this time in Regents Ballroom A. Velcro tape will be provided.</i>	Atrium, Embassy Suites												
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9:35 am – 10:15 am	Poster Session B <i>Poster presenters will be available to discuss their posters. Snacks available at this time.</i>	Regents Ballroom A, Embassy Suites												
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11:30 am – 11:40 am	Poster Session B Takedown <i>If you presented a poster in Session B, please pick it up before you check out.</i>	Regents Ballroom A, Embassy Suites												