NCUWM 2010

Keynote Speakers

Dr. Bryna Kra, Northwestern University "From Ramsey Theory to Dynamical Systems and Back"

Dr. Karen Vogtmann, Cornell University "Symmetries, Ping-Pong, and Outer Space"

Panel Discussions

Careers Using Mathematics Choosing a Mathematics Graduate Program Research Opportunities Random Tips

Breakout Sessions

What is Research? Preparing for (Applying to) Graduate School **Juggling Career and Life** Jumping from a Small College to Graduate School **Choosing a Graduate School Graduate School in Math Education Careers and Graduate School in Statistics** Fun in Math Careers with a Bachelor's Degree Careers with a Master's Degree Being a Female Mathematician from an **Underrepresented Group**

Invited Panelists

Catherine Buell, North Carolina State University Erika Camacho, Arizona State University Ye Sle Cha, SUNY Stony Brook Susan Cooper, University of Nebraska-Lincoln Dean Evasius, National Science Foundation Pari Ford, University of Nebraska at Kearney Sue Geller, Texas A&M University Aviva Halani, Arizona State University Katie Johnson, University of Nebraska-Lincoln Barbara Jordan, Lockheed Martin Megan Patnott, University of Notre Dame Katherine Poirier, City University of New York Mary Lynn Reed, National Security Agency Tina Straley, Mathematical Association of America Linda Thiel, Society for Industrial and Applied Mathematics Katie Walsh, University of California San Diego

Crystal Zeager, University of Michigan





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Nebraska Conference for Undergraduate Women in Mathematics

12th Annual January 29-31, 2010

A national showcase for research projects of undergraduate women in the mathematical sciences

www.math.unl.edu/~ncuwm/12thAnnual ncuwm@math.unl.edu



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Presentations by Undergraduate Students

Read Abstracts Online at http://www.math.unl.edu/~ncuwm/12thAnnual/ncuwm_presentations.php

Lindsay Baun, College of St. Benedict Danica Belanus, University of North Dakota Hayley Belli, University of Oregon **Tiffany Bradford,** Saint Francis University Kathryn Bryant, Northern Arizona University Laura Buggy, College of St. Benedict Katharina Carella, Ithaca College Kathleen Carroll, Wheaton College Elizabeth Collins-Wildman, Carleton College Rebecca Dorff, Brigham Young University Melisa Emory, University of Nebraska at Omaha **Avis Foster,** George Mason University **Xiaojing Fu,** Clarkson University (NY) Jennifer Garbett, Kenyon College Nicki Gaswick, University of Nebraska-Lincoln Rita Gnizak, Fort Hays State University Kailee Gray, University of South Dakota Samantha Hilker, Sam Houston State University Ruthi Hortsch, University of Michigan Jennifer Iglesias, Harvey Mudd College Laura Janssen, University of Nebraska-Lincoln Laney Kuenzel, Stanford University Ellen Le, Pomona College Thu Le, University of the South Shauna Leonard, Arkansas State University Tova Lindberg, Bethany Lutheran College Kaitlyn McConville, Westminster College (PA) Lisa Moats, Concordia College Jillian Neeley, Ithaca College

Marlene Ouayoro, George Mason University

Kelsey Quarton, Bradley University Brooke Quisenberry, Hope College Hannah Ross, Kenyon College Karla Schommer, College of St. Benedict Rebecca Scofield, University of Iowa **April Scudere,** Westminster College (OH) Natalie Sheils, Seattle University **Kaitlin Speer,** Baylor University Meredith Stevenson, Murray State University Kiri Sunde, University of North Carolina **Kaylee Sutton,** John Carroll University Frances Tirado, University of Florida **Anna Tracy,** University of the South Kelsey Uherka, Morningside College Danielle Wheeler, Coe College Lindsay Willett, Grove City College **Heather Williamson,** Rice University Chengcheng Yang, Rice University Jie Zeng, Michigan Technological University



Posters

Holly Arrowood, Furman University
Kristen Bretney, Loyola Marymount University
Suzanne Carter, University of Iowa
Nicole Casella, Ithaca College
Morgan Chatham, University of Montevallo
Lilith Ciccarelli, Bellarmine University
Amber Clinton, Clarkson University (NY)

Jalonda Coats, Tougaloo College Natalie Coston, Northern Arizona University Belinda Cruz, University of Texas Pan American Anita Doerfler, Northern Arizona University Clarice Dziak, Clarkson University (NY) Terra Fox, Hope College Samantha Fuller, Penn State University April Harry, Xavier University of Louisiana **Anne Ho,** Regis University Rachel Keyser, Bellarmine University Hannah Kolb, Illinois Institute of Technology Lauren Kraus, Wheaton College Amanda Kriesel, Minnesota State University, Mankato Florida Levidiotis, University of Mississippi Emese Lipcsey-Magyar, Skidmore College Melissa Martinez, University of Puerto Rico at Cayey Laura McCormick, Louisiana St. University - Shreveport Brittney Miller, University of Southern California Krista Newell, University of Wisconsin - Oshkosh Catie Patterson, Furman University Katherine Poulsen, Columbia University Stephanie Reed, University of South Dakota Lauren Schmidt, Murray State University **Emily Sergel,** Rutgers University Ngoc Thai, Truman State University Jasmin Uribe, University of Arizona





Nicole Williams, Sam Houston State University

Guangtao Zhang, Clarkson University (MA)

Kan Wu, Purdue University - Calumet

Jingyu Zhao, Stony Brook University