

NCUWM 2013

Keynote Speakers

Dr. Cathy O'Neil

Independent Consultant

"What Do Mathematicians Do Outside Academia?"

Dr. Rekha Thomas

University of Washington, Seattle

"Polynomial and Semidefinite Optimization"

Panel Discussions

Careers Using Mathematics

Choosing a Mathematics Graduate Program

Summer 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

Math Club Activities

Careers with a Bachelor's Degree

Being a Female Mathematician from an

Underrepresented Group

Invited Panelists

Kim Ayers, Iowa State University

Morgan Cesa, University of Utah

Dr. Andrea Hairston, U.S. Department of Defense

Kayla Davis Harville, University of Mississippi

Dr. Sarah Hews, Hampshire College

Diane Higgins, IPAM, UCLA

Katrina Honigs, University of California, Berkeley

Caitlin Leverson, Duke University

Haydee Lindo, University of Nebraska-Lincoln

Gemma Mason, California Institute of Technology

Dr. Jillian E. McLeod, U.S. Coast Guard Academy

Dr. Carol Meyers, Lawrence Livermore National Lab

Dr. Kate Ponto, University of Kentucky

Emily Price, Xbox LIVE

Dr. Brandilyn Stigler, Southern Methodist University

Erica Shannon, University of Colorado Boulder

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Department of Mathematics



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NCUWM

Nebraska Conference for
Undergraduate Women in Mathematics

15TH ANNUAL
January 25-27, 2013



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



University of Nebraska-Lincoln

To view the conference schedule, comments from
participants and photo galleries, please visit:
www.math.unl.edu/~ncuwm/15thAnnual

Presentations by Undergraduate Students

Read Abstracts Online at http://www.math.unl.edu/~ncuwm/15thAnnual/ncuwm_presentations.php



Speakers

Lauren Akin, Freed-Hardeman University
Elizabeth Annoni, University of St. Thomas
Hanna Astephan, University of Michigan
Riley Banes, Mount Mercy University
Clara Camarillo, Mount Mercy University
Shelby Becker, Saint Mary-of-the-Woods College
Amy Been, University of Nebraska–Lincoln
Beth Bjorkman, Grand Valley State University
Ellen Borgeld, Grand Valley State University
Amanda Bright, Westminster College
Stephanie Carter, Pacific University
Megan Chambers, Youngstown State University
Justina Cline, Coe College
Kathleen Daly, Lewis & Clark College
Connie Dennis, Shawnee State University
Jessica DeSilva, California State University, Stanislaus
Jennifer Dumdie, University of South Dakota
Alyce Eaton, Grinnell College
Missy Gaddy, Wofford College
Selina Gilbertson, Northern Arizona University
Erica Gilliland, Butler University
Alessandra Graf, Northern Arizona University
Lindsay Grayson, Northern Kentucky University
Natalie Guerra, Hood College
Cassy Hanson, Western Oregon University
Kristen Heaney, La Salle University
Nikki Holtzer, Stetson University
Lauren Hoth, Mount Mercy University
Kelsey Houston-Edwards, Reed College
Lara Ismert, Pittsburg State University
Kara Karpman, Duke University
Keri Kodama, Seattle University

Taryn Laird, Northern Arizona University
Shannon Lane, College of Saint Benedict
Nicole Lopez, University of St. Thomas
Amanda Luby, College of Saint Benedict
Brianna Lynn, George Mason University
Kristin Mara, Winona State University
Katie McKeon, University of Nebraska–Lincoln
Claire Merriman, Vanderbilt University
Rosanna Mersereau, Western Oregon University
Alice Nadeau, Grinnell College
Cara Nickolaus, Washington University in St. Louis
Diana Oliff, Rutgers University, New Brunswick
Rachael Osborn, Pittsburg State University
Kristina Pardo, Furman University
JoFawna Reali, California State University, Stanislaus
Camila Reyes, California State University, Stanislaus
Megan Rodriguez, Hood College
Amanda Russo, La Salle University
Alison Schuetz, Hood College
Katie Sopczynski, Slippery Rock University
Cassie Stamper, Shawnee State University
Bridget Toomey, Grinnell College
Whitney Turner, Freed-Hardeman University
Tara Walker, Seattle Pacific University
Catherine Watkins, Johns Hopkins University
Laura White, Arkansas State University
Sarah White, Wartburg College
Anna-Rose Wolff, George Mason University
Leah Wright, Freed-Hardeman University

Posters

Elizabeth Annoni, University of St. Thomas
Erica Budge, Hope College

Magan Carver, University of Montevallo
Mikaela Cashman, Coe College
Sunita Chepuri, Bowdoin College
Brandynne Cho, Saint Mary's College of California
Elena Crosley, Bowdoin College
Maricela Cruz, Pomona College
Emma Cutler, Bowdoin College
Megan DeJager, Utah Valley University
Andrea Fant, Furman University
Anna Flores, Universidad Metropolitana, San Juan, Puerto Rico
Alexandra Fry, University of Alabama at Birmingham
Shontrice Garrett, Jackson State University
Amanda Hoisington, University of California, Riverside
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Rosland Latiker, Jackson State University
Nicole Lopez, University of St. Thomas
Laura Lyman, Reed College
Heather Magee, University of Central Oklahoma
Connie Maluwelmeng, Iowa State University
Carolyn Mayer, Bowdoin College
Aleesha Moran, McKendree University
Lauren Morey, The University of Montana
Zi Ouyang, University of Dayton
Jamie Peabody, California State University, Fresno
Samantha Shepler, Winona State University
Kristen Smith, Utah Valley University
Molly Stukenholtz, University of Nebraska–Lincoln
Alexa Syryczuk, University of Wisconsin-Eau Claire
Brandy Thibodeaux, University of Louisiana at Lafayette
Aubrey Thompson, University of Nebraska–Lincoln
Madelyn Twain, Western Oregon University
Kimberly Vilimas, University of Redlands
Marla Williams, Willamette University
Precious Winters, Jackson State University
Jian Ju (Justine) Yeo, University of Nebraska–Lincoln