



MATHEMATICAL ASSOCIATION OF AMERICA

MAA

**SOUTHEASTERN SECTION
CENTENNIAL SECTION MEETING**

MARCH 10-12, 2022 • BERRY COLLEGE



**BERRY
COLLEGE**

10-12 March 2022

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Officers of the Southeastern Section

Chair	Sarah Raynor (Wake Forest Univ.)
Immediate Past Chair	Laurie Heyer (Davidson College)
Vice Chair for Two Year Colleges	Wei-Kai Lai (USC Salkehatchie)
Vice Chair for Programs	Andy Miller (Belmont Univ.)
Treasurer	Tom Fitzkee (Francis Marion Univ.)
Secretary	Julie Barnes (Western Carolina Univ.)
Section Representative to MAA Congress	Emily Hynds (Samford Univ.)
Section Lecturer	Naiomi Cameron (Spelman College)
Newsletter Editors	Enahoro Iboi (Spelman College) Lauren Grimley (Spring Hill College)
Student Activities Coordinator	Karen O'Hara (High Point Univ.)
Historian	Sloan Despeaux (Western Carolina Univ.)
Webmaster	Brad Fox (Austin Peay State Univ.)
Directors of Section NExT-SE	Kristen Abernathy (Winthrop Univ.) Zach Abernathy (Winthrop Univ.) Brad Schleben (Belmont Univ.)
State Director—Alabama	Frank Patane (Samford Univ.)
State Director—Georgia	Hua Wang (Georgia Southern Univ.)
State Director—North Carolina	Justin Allman (Wake Forest Univ.)
State Director—South Carolina	Emily Thomas (Charleston Southern Univ.)
State Director—Tennessee	Bryan Dawson (Union Univ.)

February 28, 2022

Dear Attendees:

On behalf of Berry College, the Berry College Department of Mathematics and Computer Science and myself, I am delighted to welcome you to the Centennial Meeting of the Southeastern Section of the Mathematical Association of America. It is a privilege to host this centennial gathering!

We are proud of Berry's role in hosting the centennial meeting, and we are grateful to the outstanding faculty and staff in Berry's Department of Mathematics and Computer Science who coordinated this meeting.

To the students attending, we wish you the best of luck in your educational pursuits, and we hope that you leave this meeting with a new enthusiasm and appreciation for the field of mathematical sciences.

To the faculty in attendance, thank you for the great work you do to educate students and advance knowledge in your field. We hope that you each learn something of value during the meeting that you can take back to your own schools and classrooms.

Enjoy the time you spend here on Berry's campus, in the greater Berry and Rome community, and thank you for attending the Centennial Meeting of the Southeastern Section of the Mathematical Association of America.

With all best wishes,



Dr. Mary K. Boyd
Provost

MAA-SE 2022 Invited Speakers

Plenary Speakers



Jennifer Quinn
President of the MAA
University of Washington, Tacoma

Solving Mathematical Mysteries

Much as mysteries in fiction consider evidence, find common patterns, and draw logical conclusions to solve crimes, mathematical mysteries are unlocked using the same tools. This talk exposes secrets behind a numerical magic trick, a geometric puzzle, and an unknown quantity to find a fascinating pattern with connections to art, architecture, and nature.



Tim Chartier
Davidson College
2021 MAA-SE Distinguished
Teaching Award Winner

Dream Classroom

Think of some of your favorite memories of being in mathematics class. They often capture elements of your dream classroom – as a student and/or teacher. Often, such moments are achieved when the students and professor enter some math groove of togetherness and community. In this talk, we'll discuss our hopes for the classroom and how to enlarge our dreams so we can potentially increase the frequency of dreams being realized and so a sense of community is shared inclusively. We all play a role in a classroom environment and, as in class, we'll learn together in this talk.



Marissa Loving
Georgia Institute of Technology

Surfaces: BIG and small

As a geometric group theorist, my favorite type of manifold is a surface and my favorite way to study surfaces is by considering the mapping class group, which is the collection of symmetries of a surface. In this talk, we will think bigger than your average low-dimensional topologist and consider surfaces of infinite type and their associated “big” mapping class groups.

Distinguished Lectures for Students Supported by a grant from the MAA Tondeur Career Initiative



Ally Skinner
Financial Planning & Analysis
Louisiana-Pacific Corporation

Mathematics in the Manufacturing Industry

I present my journey to choosing Mathematics and a career in the manufacturing industry. Examples are submitted of how Mathematics and Statistics were used in the various roles. These examples extend from responsibilities of an Accounts Receivable & Trade Credit department, to the Data & Analytics department, and finally to the Financial Planning & Analysis department. Future career paths are proposed to suggest other areas in which students could utilize their degree.



Christian Okitondo
Belmont University,
University of Georgia

How do the skills from studying math play a role in the workplace and lead to different career paths?



SOUTHEASTERN SECTION

101st Annual Meeting

Berry College

Mt. Berry, GA

Thursday–Saturday, March 11-12, 2022

<https://maasoutheastern.org/2022-section-meeting/>

Building and Local Information:

Throughout this program the following abbreviations are used:

MAC McAllister Hall
Krannert Krannert Student Center

WiFi: BerryGuest (no password, but must accept conditions)

Security:

Non-emergency line: (706) 368-6999
Emergency: (706) 236-2262

Thursday, March 10

- 2:30-4:30** **Project NExT-SE, MAC A107**
Open networking and discussion on neat teaching ideas, lessons learned in the switch from in-person to virtual, and the future of mathematics education post-pandemic
- 6:30–9:30** **Executive Committee Dinner and Meeting, MAC A115**
- 7:00–7:30** **Student Treasure Hunt Check-In, MAC A107**
- 7:30-9:30** **Student Treasure Hunt, MAC**
Organizers: Julie Barnes and Treasure Hunt Planning Team (see back of program for full listing)

Friday, March 11

- 7:30–4:30** **Registration and refreshments**, Lobby, Krannert Student Center
- 8:00–11:30** **Project NExT-SE Sessions**, MAC A107
- 8:00–8:30** *Arrival/coffee*
- 8:30–9:20** *Nature of Mathematics: Does It Matter?*
 Dr. Lucy Watson (Belmont University), Dr. Candice M. Quinn (University of North Alabama)
- 9:30–10:20** *Generating and Supporting Creative Friction for Our Mathematics Courses*,
 Dr. Mike Pinter (Belmont University)
- 10:30–11:30** *Humanizing Assessment*,
 Dr. Jennifer Quinn (University of Washington Tacoma)
- 8:00–11:45** **Math Jeopardy!** MAC 102, 103, 106
- 8:00–11:00** **Preliminary Rounds**
 Rounds begin at 8:00, 8:55, and 9:50 as needed
- 11:00–11:45** **Semifinals**
- 9:00–11:00** **Distinguished Lectures for Students**, MAC 100
- 9:00, DS.1** *Mathematics in the Manufacturing Industry*,
 Ally Skinner (Louisiana-Pacific Corporation)
- 10:00, DS.2** *How do the skills from studying math play a role in the workplace and lead to different career paths?*
 Christian Okitondo (University of Georgia)
- 10:00–11:00** **Workshop**, MAC 107
Elements for Successful Courses in the Digital Age,
Sydney Smith, Senior Educational Courseware Specialist (Hawkes Learning)
- 11:45–12:30** **Lunch Break: Free pizza for all** in the Krannert Ballroom
Graduate School and Career Fair, Krannert 250
Networking, professional development, career planning.
SE COMMIT Informal Gathering, Krannert 217
Join a local network of Inquiry-Based Learning practitioners for lunch and informal discussion. All forms of IBL are welcome.

12:45–1:45 **GS.1 General Session I, Krannert Ballroom**

Emily Hynds, Section Representative to MAA Congress, presiding

Welcome from Berry College

Dr. Alice Suroviac, Dean, School of Mathematical and Natural Sciences

Invited address:**“Solving Mathematical Mysteries”**

Jennifer Quinn, President, MAA

MAA Section Visitor

Happy Hundredth: Celebrating the Southeastern Section Centennial, MAC 102				
Organizers: Brian Beasley (Presbyterian College), Sloan Despeaux (Western Carolina University), David Stone (Georgia Southern University), Moderator:				
Time	No.	Title	Author	Affiliation
2:00 PM	HUN.1	The Roaring Twenties: Early Years of the Southeastern Section	Brian Beasley	Presbyterian College
2:20 PM	HUN.3	This...Is...Math Jeopardy!	Jeffrey S. Powell	Samford University
		Additional author: Michael C. Berry (University of Tennessee-Knoxville)		
2:40 PM	HUN.2	Math Treasure Hunt: Past, Present, and Future	Julie Barnes	Western Carolina University
		Additional authors: Wei-Kai Lai, University of South Carolina Salkehatchie; Kerri Jamerson, Mars Hill University		
3:00 PM	HUN.4	Teaching: Doing Our Part to Shape Lives Through Mathematics	Martha Abell	Georgia Southern University
3:20 PM	HUN.5	Past as Prologue: Our Next Hundred Years	Jeff Knisley	East Tennessee State University

Recreational Mathematics I, MAC 103				
Organizer: Timothy Goldberg (Lenoir-Rhyne University)				
Time	No.	Title	Author	Affiliation
2:00 PM	REC1.1	Wordle and Entropy	Jeffrey Clark	Elon University
2:20 PM	REC1.2	3 by 3 magic square type sliding game	Vigneswaran Madappan Chinnasami	University of South Carolina Salkehatchie
		Additional author: Dr. Wei-Kai Lai		
2:40 PM	REC1.3	Interconnectedness Of Math and Art: Exploration of the Fibonacci Sequence	Brianna Bradley	Francis Marion University
3:00 PM	REC1.4	"It's not exactly setting your money on fire": Exploring the teaching of expected value contextually	Ryan Fox	Belmont University

<i>You Keep Using That Word I, MAC 106</i>				
Organizers: Jeneva Clark (University of Tennessee, Knoxville), Jonathan Clark (University of Tennessee, Knoxville)				
Time	No.	Title	Author	Affiliation
2:00 PM	WORD1.1	"There Are No Words To Contain All My Wisdom": Concept Image vs. Concept Definition in Mathematics	Susanna Molitoris-Miller	Kennesaw State University
2:20 PM	WORD1.2	"Be creative!" A discussion of mathematical creativity and its appearance in an introduction-to-proofs course	Amanda Lake Heath	Middle Tennessee State University
2:40 PM	WORD1.3	Beyond the Cloak: The Hidden Meanings of "Rigor"	Ebenezer Bonyah	Akenten Appiah Menka University of Skills Training and Entrepreneurial Development
		Additional author: Jeneva Clark, University of Tennessee - Knoxville		
3:00 PM	WORD1.4	Getting Back To Normal	Doug Daniel	Presbyterian College

<i>Talks by Graduate Students, MAC 107</i>				
Organizers: Jon Ernstberger (LaGrange College), Stacey Ernstberger (LaGrange College), Kristen Abernathy (Winthrop University)				
Time	No.	Title	Author	Affiliation
2:00 PM	GRAD.1	Finding a Julia Set from a Forward Invariant Lamination	Brittany Burdette	University of Alabama Birmingham
2:20 PM	GRAD.2	Group Theoretic Model Repair	William Cocke	Augusta University School of Computer and Cyber Sciences
		Additional author: Paul Attie, Augusta University School of Computer and Cyber Sciences		
2:40 PM	GRAD.3	Hadamard Matrices: What are they Good For?	Shuler Hopkins	University of Tennessee, Knoxville
3:00 PM	GRAD.4	An Algorithm for Constructing the Canonical Lift of Twisted Edwards Curves	William Bitting	University of Tennessee
		Additional author: Luis Finotti, University of Tennessee		

Contributed Paper Session I, MAC 100				
Moderator: Zach Abernathy (Winthrop University)				
Time	No.	Title	Author	Affiliation
2:00 PM	CP1.1	Conditions for Fairness Anomalies in Instant-Runoff voting	Adam Graham-Squire	High Point University
2:20 PM	CP1.2	Modeling DNA Self-Assembly with Graph Theory	Jessica Sorrells	Converse University
2:40 PM	CP1.3	Similarity solutions for a class of unsteady convective heat transfer problems.	Anilkumar Devarapu	Department of Mathematics, University of North Georgia, Gainesville, GA
3:00 PM	CP1.4	Optimal Control of an HIV Model with Gene Therapy and Latency Reversing Agents	Zach Abernathy	Winthrop University
		Additional authors: Kristen Abernathy (Winthrop University), Andrew Grant* (Winthrop University), Paul Hazelton* (Winthrop University) (* denotes undergraduate co-authors)		

Contributed Paper Session II, MAC 111				
Moderator: Balaram Ghimire (Alabama State University)				
Time	No.	Title	Author	Affiliation
2:00 PM	CP2.1	On Singular Perturbations Problems for Neutral Equations	Dr. Zephyrinus Okonkwo	Department of Mathematics, CS and Physics, Albany State University
2:20 PM	CP2.2	The Nearly Universal, Easy-to-use Level Comparison Test for Series	C. Bryan Dawson	Union University
2:40 PM	CP2.3	A modified Lotka-Volterra predator-prey system	Kwadwo Antwi-Fordjour	Samford University
3:00 PM	CP2.4	New Problems for the Method of Undetermined Coefficients	James Cook	University of West Alabama
		Additional author: William Cook of Appalachian State University		
3:20 PM	CP2.5	The closed-form particular solutions for the Laplace operator using oscillatory radial basis functions in 2D.	Balaram Ghimire	Alabama State University
		Additional author: A. R. Lamichhane		

Undergraduate Paper Session I, MAC 113				
Time	No.	Title	Author	Affiliation
2:00 PM	UT1.1	Snell's Law via a Barbell Model	Hope Lissitz	King University
2:20 PM	UT1.2	On the Rate of Polarization of Decreasing Monomial Codes Beyond the Binary Field	Madelyn Parsons	Charleston Southern University
		Additional authors: Emmanuel Skora, Furman University; Dr. Felice Manganiello, Clemson University; Dr. Jessalyn Bolkema, California State University, Dominguez Hills		
2:40 PM	UT1.3	Four positive equilibria in a model for sterile and wild mosquito populations	Maxwell Fox	University of Alabama, Huntsvill
		Additional author: Ai, Shangbing, Professor of Mathematical Sciences, UAH		
3:00 PM	UT1.4	Comparison of Dimension Reduction Methods on Hyperspectral Images	Noah Wells	
3:20 PM	UT1.5	Period Analysis of Astronomical Photometric Data	Aaron Reynolds	The Citadel

Undergraduate Paper Session II, MAC 115				
Time	No.	Title	Author	Affiliation
2:00 PM	UT2.1	Malicious URLs	Angela Brobson	Converse University
		Additional authors: Previous Converse University students Sydney Allen and Kimberly Leone, and current Converse University student Madison Reece-Henderson		
2:20 PM	UT2.2	Data-Driven Retention and Advertising for Camp Kippewa	Jovana Mitic	Converse University
		Additional author: Faculty mentor Dr. Amanda Mangum		
2:40 PM	UT2.3	A Deep Learning based Image Optimization Approach to Authenticate Masked Faces	Robert Roser	The Citadel
		Additional author: Dr. Prosenjit Chatterjee		
3:00 PM	UT2.4	Implicit Methods for Solving the Reactive Transport Equation	Carson Morris	Augusta University
		Additional author: Anastasia Wilson, Augusta University		
3:20 PM	UT2.5	Statistical Analysis of Wildfires	Madisson Russell	Austin Peay State University
		Additional author: Dr. Ramanjit Sahi		

4:15–5:20

GS.2 General Session II, Krannert Ballroom

Sarah Raynor, MAA-SE Section Chair, presiding. Section Awards.

Invited address:

"Dream Classroom," Tim Chartier, Davidson College,
2021 Distinguished Teaching Award Winner

5:30–6:00

MAA-SE Business Meeting, Krannert Ballroom

Stay for some brief section business, including announcement of new officers

Saturday, March 12

7:30–10:30

Registration and refreshments, Lobby, Krannert Student Center

8:45–9:45

GS.3 General Session III, Krannert Ballroom

Laurie Heyer, Immediate Past Chair of MAA-SE, presiding

Invited Address:

"Surfaces: BIG and small"

Marissa Loving, Georgia Institute of Technology

7:30–10:10

Undergraduate Poster Setup, Krannert Ballroom

10:10–10:45

Undergraduate Poster Judging, Krannert Ballroom

10:45–12:00

Undergraduate Poster Session, Krannert Ballroom

Organizer: Karen O'Hara (High Point University)

Undergraduate Poster Titles

No.	Title	Author	Affiliation
UP.1	Surviving Ragnarok: Modeling humanity's chance of survival after a major disaster event	Stephen Creamer	Wofford College
	Additional authors: Rachel Grotheer (Wofford College)		
UP.2	The Best Way to Defend Against the Patriots Passing Offence	Mathew Daugomah	Mathew Daugomah
UP.3	Comparative Study of Gaussian Mixtures and Clustering on Health Data	Sarah Harkins	Francis Marion University
UP.4	The Fibonacci and Lucas Interpolating Polynomials	Ernest James	The Citadel

UP.5	Statistical Analysis of the Effect of Music on Human Brain Activities	Eric Lilling	
	Additional authors: Dr. Bo Li (research advisor)		
UP.6	Implementation of Least Squares Method To A Navier-Stokes Solver	Jada Lytch	Francis Marion University
	Additional authors: Ja'Nya Breeden, Francis Marion University Undergraduate Student; Taylor Boatwright, Francis Marion University, Undergraduate Student		
UP.7	Differential Equations Relating to the Infectious Disease La Crosse Encephalitis	Audrey Meyers	Western Carolina University
UP.8	Can You Believe What We Did?	Briana Monarca	Francis Marion University
	Additional authors: Taylor Boatwright - Francis Marion University		
UP.9	Measuring Gerrymandering: Investigating the distributions of party ratios for districting techniques.	Amy Moore	Elon University
	Additional authors: Dr. Todd Lee & Dr. Crista Arangala, Elon University		
UP.10	An Analysis of Numerical Weather Prediction and Methods for Decreasing Error	Madelyn Parsons	Charleston Southern University
	Additional authors: Dr. Ryan Thomas, Charleston Southern University		
UP.11	Ulam Numbers	Aaron Reynolds	The Citadel
UP.12	Rational-Logarithmic 4th Order Method and Application to a First-Order Pantograph Equation	Joseph Semler	Austin Peay State University
	Additional authors: Samuel Jator, Ph.D		
UP.13	Upper Bounds for Semiprime Arithmetic Sequences	Sam Uselton	Belmont University
UP.14	Open Questions in Rotational Sets and Itineraries	Andrew E. Vick	Lee University
UP.15	Numerical study of electron plasma crystallization using point vortices	Amaya Brinson	North Carolina A&T State University
	Additional authors: Ling Xu		

10:00–12:00 Concurrent Special and Contributed Sessions

<i>Recreational Mathematics II, MAC 103</i>				
Organizer: Timothy Goldberg (Lenoir-Rhyne University)				
Time	No.	Title	Author	Affiliation
10:00 AM	REC2.1	Some Mathematics of EvenQuad	Laurie Zack	High Point University
		Additional authors: Brett Geiger, Jenny Fuselier, Adam Graham-Squire		

10:20 AM	REC2.2	A Miraculous Shortcut: Complete Binary Trees and Optimal Pebble Domination	Fabian Salinas	Furman University
		Additional authors: Thomas Lewis (Furman University)		
10:40 AM	REC2.3	Poincare's Geometry via Pythagoras' Theorem	Andrew Simoson	King University
11:00 AM	REC2.4	Dimension of Self-Similar Fractals	Melissa Glass	High Point University

You Keep Using That Word II, MAC 106

Organizers: Jeneva Clark (University of Tennessee, Knoxville), Jonathan Clark (University of Tennessee, Knoxville)

Time	No.	Title	Author	Affiliation
10:00 AM	WORD2.1	Word Choice in Upper Level Proof Courses	Ashley Johnson	University of North Alabama
10:20 AM	WORD2.2	Engaging Critical Thinking in Non-Euclidean Geometry	Jordan Kirby	Middle Tennessee State University
10:40 AM	WORD2.3	"How Do You Feel?" Phenomenography, Phenomenology, and Student Experiences with Math	Jonathan Clark	University of Tennessee, Knoxville
11:00 AM	WORD2.4	What You Do Not Smell is Called Elegance.	Brooke Denney	University of Tennessee, Knoxville
		Additional authors: Jonathan Clark, University of Tennessee - Knoxville		

Contributed Paper Session III, MAC 102

Moderator: J.C. Price (Georgia Gwinnett College)

Time	No.	Title	Author	Affiliation
10:00 AM	CP3.1	Flat fully augmented links are determined by their complements.	Christian Millichap	Furman University
		Additional authors: Rolland Trapp (California State, San Bernardino)		
10:20 AM	CP3.2	A Principle-Weighted Penalized Regression Model and its Application	Mingwei Sun	Samford University
10:40 AM	CP3.3	Exploring data from the chromatic graph polynomial with BallMapper	Dan Scofield	Francis Marion University
		Additional authors: Radmila Sazdanovic, North Carolina State University		

11:00 AM	CP3.4	Subgraphs of Gallai-Colored Complete Graphs Spanned by Edges Using at Most Two Colors	Mark Budden	Western Carolina University
		Additional authors: Tucker Wimbish		
11:20 AM	CP3.5	Counting Forests and Star Graphs	J.C. Price	Georgia Gwinnett College

Contributed Paper Session IV, MAC 107				
Moderator: Jing Wang (Christian Brothers University)				
Time	No.	Title	Author	Affiliation
10:00 AM	CP4.1	Student Created Review Videos	Nicole Panza	Francis Marion University
10:20 AM	CP4.2	Interdisciplinary Interventions to Use in Algebra Courses	Caroline Maher-Boulis	Lee University
10:40 AM	CP4.3	Group Activities for a Mid-Level Biomathematics Course	Amanda Mangum	Converse University
11:00 AM	CP4.4	Project Outcomes of Affordable Learning Georgia Textbook Grants	Dr. Zephyrinus Okonkwo	Albany State University
		Additional authors: Dr. Anilkumar Devarapu, University of North Georgia		
11:20 AM	CP4.5	An Active Learning Approach in a History of Mathematics Class	Jing Wang	Christian Brothers University

Contributed Paper Session V, MAC 111				
Moderator: Diego Ramirez (Brenau University)				
Time	No.	Title	Author	Affiliation
10:00 AM	CP5.1	Biplanarity of Subgroup Lattices for Finite Groups	Jessie A. Hamm	Winthrop University
10:20 AM	CP5.2	On The Eigenvalues of Hermitian Matrices	Earl Russell Barnes	Georgia Tech (Retired)
10:40 AM	CP5.3	When is a field defined by a reciprocal polynomial?	Chad Awtrey	Samford University
		Additional authors: Gwynnie Hornibrook (Samford University)		
11:00 AM	CP5.4	On the asymptotics of some strongly damped beam equations with structural damping	Joe Barrera	Converse University
11:20 AM	CP5.5	Monotone iterative techniques for Caputo fractional integro-differential IVPs	Diego Ramirez	Brenau University

<i>Undergraduate Paper Session III, MAC 113</i>				
Time	No.	Title	Author	Affiliation
10:00 AM	UT3.1	Finding the Genus of Cayley Graphs on Billiard Surfaces	Andrew E. Vick	Lee University
10:20 AM	UT3.2	An Exploration of Odd Prime Graph Labelings	Holly Abrams	Austin Peay State University
Additional authors: Dr. Brad Fox				
10:40 AM	UT3.3	A Variation on Multicolor Rado Numbers	Bryant Collins	Western Carolina University
Additional authors: Mark Budden (Western Carolina University)				
11:00 AM	UT3.4	Star-critical Gallai-Ramsey Numbers Involving the Disjoint Union of Triangles	Zoulaiha Daouda	Western Carolina University
Additional authors: Mark Budden				

<i>Undergraduate Paper Session IV, MAC 115</i>				
Time	No.	Title	Author	Affiliation
10:00 AM	UT4.1	That's Impossible! An Exploration of Three Famous Greek Constructions	Lisa Reed	Union University
10:20 AM	UT4.2	The Derivative of a Solution to a Third Order Parameter Dependent Boundary Value Problem on a Time Scale	William Jensen	The Citadel
10:40 AM	UT4.3	Quasi-positive curvature on Bazaikin spaces	Evan Sherman	The University of Tennessee at Martin
Additional authors: Dr. Jason DeVito				
11:00 AM	UT4.4	Incompleteness and the Rise of Modernism	Caroline Tvardy	Belmont University
11:20 AM	UT4.5	Simulating Dislocation Densities with Finite Element Analysis	Ja'Nya Breeden	Francis Marion University
Additional authors: Jay Gopalakrishnan (Portland State University), Dow Drake (Portland State University), Saurabh Puri (Microstructure Engineering)				

12:15–1:15

Math Jeopardy! Final Round, Krannert Ballroom

Thanks to Ron Taylor and the Math Jeopardy! Team (see back of program for full listing)

Announcement of Student Prize Winners

Index of Speakers

Only first authors listed; for undergraduate posters see pp. 11–12.

Legend:

GRAD	Talks by Graduate Students	WORD	You Keep Using That Word
HUN	Happy Hundredth: Celebrating the Southeastern Section Centennial	CP	Contributed Paper Sessions
REC	Recreational Mathematics	UR	Undergraduate Paper Sessions

Last Name	First Name	Talk No.	Day	Time	Email
Abell	Martha	HUN.4	Fri	3:00	martha@georgiasouthern.edu
Abernathy	Zach	CP1.4	Fri	3:00	abernathyz@winthrop.edu
Abrams	Holly	UT3.2	Sat	10:20	habrams1@my.apsu.edu
Antwi-Fordjour	Kwadwo	CP2.3	Fri	2:40	kantwifo@samford.edu
Awtrey	Chad	CP5.3	Sat	10:40	cawtreyc@samford.edu
Barnes	Earl Russell	CP5.2	Sat	10:20	earl1942barnes@yahoo.com
Barnes	Julie	HUN.2	Fri	2:40	jbarnes@email.wcu.edu
Barrera	Joe	CP5.4	Sat	11:00	joseph.barrera@converse.edu
Beasley	Brian	HUN.1	Fri	2:00	bbeasley@presby.edu
Bitting	William	GRAD.4	Fri	3:00	wbitting@vols.utk.edu
Bonyah	Ebenezer	WORD1.3	Fri	2:40	ebbonya@gmail.com
Bradley	Brianna	REC1.3	Fri	2:40	brianna.bradley@g.fmarion.edu
Breeden	Ja'Nya	UT4.5	Sat	11:20	janya.breeden@g.fmarion.edu
Brobson	Angela	UT2.1	Fri	2:00	albrobson001@converse.edu
Budden	Mark	CP3.4	Sat	11:00	markbudden@gmail.com
Burdette	Brittany	GRAD.1	Fri	2:00	beburd@uab.edu
Chinnasami	V. M.	REC1.2	Fri	2:20	madappav@email.sc.edu
Clark	Jeffrey	REC1.1	Fri	2:00	clarkj@elon.edu
Clark	Jonathan	WORD2.3	Sat	10:40	jclar121@vols.utk.edu
Cocke	William	GRAD.2	Fri	2:20	wcocke@augusta.edu
Collins	Bryant	UT3.3	Sat	10:40	bhcollins2@catamount.wcu.edu
Cook	James	CP2.4	Fri	3:00	jcook@uwa.edu
Daniel	Doug	WORD1.4	Fri	3:00	ddaniel@presby.edu
Daouda	Zoulaiha	UT3.4	Sat	11:00	zdaouda1@catamount.wcu.edu
Dawson	C. Bryan	CP2.2	Fri	2:20	bdawson@uu.edu
Denney	Brooke	WORD2.4	Sat	11:00	bdenney3@vols.utk.edu
Devarapu	Anilkumar	CP1.3	Fri	2:40	adevarapu@ung.edu
Fox	Maxwell	UT1.3	Fri	2:40	maxwelljfox@gmail.com
Fox	Ryan	REC1.4	Fri	3:00	ryan.fox@belmont.edu
Ghimire	Balaram	CP2.5	Fri	3:20	baghimire@alasu.edu
Glass	Melissa	REC2.4	Sat	11:00	mglass@highpoint.edu
Graham-Squire	Adam	CP1.1	Fri	2:00	agrahams@highpoint.edu
Hamm	Jessie A.	CP5.1	Sat	10:00	hammj@winthrop.edu

Last Name	First Name	Talk No.	Day	Time	Email
Heath	Amanda Lake	WORD1.2	Fri	2:20	alh2ei@mtmail.mtsu.edu
Hopkins	Shuler	GRAD.3	Fri	2:40	shopki14@vols.utk.edu
Jensen	William	UT4.2	Sat	10:20	wjensen@citadel.edu
Johnson	Ashley	WORD2.1	Sat	10:00	ajohnson18@una.edu
Kirby	Jordan	WORD2.2	Sat	10:20	jek3b@mtmail.mtsu.edu
Knisley	Jeff	HUN.5	Fri	3:20	KNISLEYJ@mail.etsu.edu
LaRosee	Kelly	CP5.6	Sat	11:40	laroseek@my.erau.edu
Lissitz	Hope	UT1.1	Fri	2:00	hllissitz@student.king.edu
Maher-Boulis	Caroline	CP4.2	Sat	10:20	cmaherboulis@leeuniversity.edu
Mangum	Amanda	CP4.3	Sat	10:40	amanda.mangum@converse.edu
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Mitic	Jovana	UT2.2	Fri	2:20	jmitic001@converse.edu
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Okonkwo	Zephyrinus	CP2.1	Fri	2:00	Zephyrinus.Okonkwo@asurams.edu
Okonkwo	Zephyrinus	CP4.4	Sat	11:00	Zephyrinus.Okonkwo@asurams.edu
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Powell	Jeffrey S.	HUN.3	Fri	2:20	JSPOWEL1@samford.edu
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Reynolds	Aaron	UT1.5	Fri	3:20	areynol5@citadel.edu
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Sherman	Evan	UT4.3	Sat	10:40	evacsher@ut.utm.edu
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Sun	Mingwei	CP3.2	Sat	10:20	msun1@samford.edu
Tvardy	Caroline	UT4.4	Sat	11:00	carolinetvardy@gmail.com
Vick	Andrew E.	UT3.1	Sat	10:00	avick001@leeu.edu
Wang	Jing	CP4.5	Sat	11:20	jwang@cby.edu
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Thank you to the following!

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Math Jeopardy Team

Organizer

Ron Taylor	Berry College
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Timothy Goldberg	Lenoir-Rhyne University

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Doug Pfeffer	Berry College
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Ron Taylor	Berry College
Brian Wagner	UT Martin

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