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State Director (South Carolina)	Nicole Panza
State Director (Tennessee)	Ben Ntatin

LEE ⚕ UNIVERSITY

Vice President for Academic Affairs

March 8, 2019

Dear Attendees,

It is my great pleasure to welcome you to Lee University for the 98th Annual Meeting of the Southeastern Section of the Mathematical Association of America.

Although our campus is mostly deserted this week because of spring break, I hope you feel the genuine excitement and warm welcome from the wonderful mathematics faculty of our Department of Natural Sciences and Mathematics. I am extremely proud of our math faculty and students, and I know they represent the entire campus in welcoming you and hosting you for these meetings.

I think you will find Cleveland to be a charming community, and I hope you enjoy your brief visit exploring the local points of interest and meeting some of the friends of Lee University. I also hope that you will find occasion to come back to the area and to our campus for other events in the future.

Please enjoy the conference, and don't hesitate to let us know if you need any assistance while you are here.

Sincerely,

Debbie Murray, Ed.D.

Vice President for Academic Affairs

Local Dining:

**Restaurants with discounts for conference attendees.
Other restaurants may offer discounts. Check registration check-in table for more details.

Name and Address	Driving Distance from SMC	Phone Number
**Cobblestone Grille 170 N Ocoee St, Cleveland, TN 37311	0.6 miles	423-790-7006
Café Roma 220 N Ocoee St, Cleveland, TN 37311	0.6 miles	423-339-1488
Gardners's Market 262 Broad St NW, Cleveland, TN 37311	0.5 miles	423-478-3906
Five Points Café 105 Edwards St NE, Cleveland, TN 37311	0.9 miles	423-457-0041
Little Diner On First 490 1st St NW, Cleveland, TN 37311	0.8 miles	423-472-5550
**Burrito Xpress 525 Inman St W, Cleveland, TN 37311	0.9 miles	424-813-4077
Firehouse Subs 201 Keith St SW, Unit 18, Cleveland, TN 37311	0.9 miles	423-476-7827
Jimmy John's 125 Keith St NW, Cleveland, TN 37311	0.8 miles	423-790-7542
Lupi's Pizza Pies 2382 N Ocoee St, Cleveland, TN 37311	0.8 miles	423-476-9464
Jenkins Deli 2390 Spring Creek Blvd NE, Cleveland, TN 37311	1.3 miles	423-478-1648
Deli Boys 2538 Keith St. NW, Ste. 6, Cleveland, TN 37312	1.6 miles	423-472-8868
Gondolier Italian Restaurant 3300 Keith St NW, Cleveland, TN 37312	1.7 miles	423-472-4998

Local Coffee Shops:		
Bonlife Coffee 1807 Keith St NW, Cleveland, TN 37311	0.8 miles	423-464-6160
Inman Street Coffeehouse 437 Inman St W, Cleveland, TN 37311	0.8 miles	423-305-6945
Starbucks 653 Inman St W, Cleveland, TN 37311	1.0 miles	423-472-1351

MAA SOUTHEASTERN SECTION

Ninety-eighth Annual Meeting

Lee University
Cleveland, Tennessee
Thursday—Saturday, March 7-9, 2019

https://maasoutheastern.org/2019-conference/

Building Information: Throughout this program the following abbreviations are used:
COE Helen DeVos College of Education
HC Humanities Center
SMC Science and Math Complex

Guest wireless access is available by connecting and registering on the "LeeU Guest" network. Help will be available on site to assist with basic connection issues.

The login information for the classroom computers is
Username: guestoflee
Password: Spring2019!

Lee University Campus Security Numbers: (423) 303-4444 or (423) 614-8390

Thursday, March 7

1:00 – 6:00	**Registration**, Foyer, Medlin Wing, 2nd floor SMC
2:00 – 5:00	**Project NExT-SE Activities,** COE 121

6:30 – 9:30	**Executive Committee Dinner and Meeting**: John Nichols Room in The Chapel

Student Treasure Hunt. Organizer: Julie Barnes and Treasure Hunt Planning Team. (See
back of program for the names of the planning team members.)

7:00	**Check-in,** Breezeway, 2nd Floor, SMC
7:30 – 9:30	**Student Treasure Hunt,** SMC

Friday, March 8

7:30 – 4:30	**Registration,** Foyer, Medlin Wing, 2nd floor SMC
8:00	Snack session, Beach Wing, SMC
8:00 – 11:30	**Project NExT-SE Activities,** COE 121
8:00 – 11:45	**Math Jeopardy:**

8:00 – 11:00 Preliminary Rounds, HC 101, SMC 201, 300, 301, 305

These rounds begin at 8:00, 9:00, and 10:00.

11:00 – 11:45 Semifinals, SMC 201, 300, 301, 305

8:30 – 12:30   WS.1 *Graduate Student Career and Development Workshop*, COE 234, 235   ▢
Sarah Ann Fleming, Belmont University

9:00-11:30   WS.2   *Randomly Generating Exams Using Python and Latex,* HC 103
John Bush, University of Tennessee at Martin

9:00 – 11:30 WS.3 *One Cut Origami*, HC 201
Carol Schumacher, Kenyon College

9:00-11:00 Distinguished Lectures for Students, SMC 255

Session Chair: Hope McIlwain, Vice Chair- Programs MAA-SE, Mercer University

DS.1   9:00: *Modeling Infectious Disease: A Mathematician's Playground,* Zach Abernathy, Winthrop University

DS.2   10:00: *Is That a Cylinder or a Moebius Band? Seven Ways to See the Difference,*   Tom Banchoff, Brown University, Former MAA President

9:30 – 4:00   **Exhibits,** Foyer, Medlin Wing, 3rd Floor, SMC

11:45 – 12:30   **Graduate School and Career Fair:** SMC Great Room

Networking, professional development, career planning and free pizza for

undergraduates.

12:45 – 1:45 GS.1 General Session I, Dixon Center.
Laurie Heyer, MAA-SE Chair Elect, Presiding
Welcome from Lee University
Debbie Murrary, Vice President for Academic Affairs
Invited address:
"Tales of Success From Mathematical Malpractice"
Kristen Mazur, Elon University,
2018-2019 MAA SE Section Lecturers

			2:00—2:50 Publisher Presentation, SMC 305 PUB.1 2:00 - 2:50: Hawkes Learning

2:00—2:50   Publisher Presentation, SMC 305 PUB.1 2:00 - 2:50: Hawkes Learning
Practice, Practice, Practice in Calculus and Statistics

Learn about new calculus and statistics software that ensures practice makes permanent through unlimited problem solving.

Customized exercise sets and targeted practice sessions built from 27,858 calculus question variations are now available to improve student comprehension. Discover how software can provide error-specific feedback, recognize alternative equivalent answers, and teach students through annotated step-by-step tutorials.

Find out how the new edition of Discovering Statistics and Data pays homage to modern day's technology-driven data explosion and engages students in the real-world applications of statistics. A free online resource containing more than 30 data sets, 17 chapter projects, 32 data visualization tools, and technology instructions for tools ranging from Excel to R will be shown.

Learn about these new course materials and enter to win an Amazon gift card!

2:00 – 4:00 Concurrent Special and Contributed Sessions

SMC 100. *Special Session on Investigations and Strategies that Positively Influence Student Success in Undergraduate Mathematics, Part 1*. Organizers: Wanda Payne (Tennessee State University), Martene Stanberry (Tennessee State University)

Time	Talk Number	Title	Presenter	Affiliation
2:00	SS1.1	Math Success for STEM Majors: Active Learning Strategies and Engineering Contexts	Holly Anthony	Tennessee Tech University
2:20	SS1.2	Critiquing Peers' Arguments: Learning in an Introduction to Proof Course	Sarah K. Bleiler-Baxter	Middle Tennessee State University
2:40	SS1.3	A course redesign of Differential Calculus using adaptive learning courseware at an HBCU	Torina Lewis	Clark Atlanta University
3:00	SS1.4	Effectiveness of metacognitive study skills intervention in first-year math courses	Jenny Fuselier	High Point University
Additional Author: Adam Graham-Squire, High Point University				
3:20	SS1.5	Designing a Corequisite Class to Increase Student Success in Calculus I	Elizabeth Lewis	University of North Carolina at Greensboro
Additional Author: Tracey Howell, University of North Carolina at Greensboro				

Time	Talk Number	Title	Presenter	Affiliation
3:40	SS1.6	Engaging students in reflective thinking	Marcela Chiorescu	Georgia College and State University

SMC 115. *Special Session on Mathematical Experiences and Projects in Business, Industry and Government (BIG), Part 1*. Organizers: Caroline Maher-Boulis (Lee University), David Stone (Georgia Southern University), Jan Rychtar (University of North Carolina at Greensboro).

Time	Talk Number	Title	Presenter	Affiliation
2:00	SS2.1	Numerical computation of transverse Mercator projection coefficients using complex Fourier analysis	Pierre Abbat	Surveyor
2:20	SS2.2	Math in Software Development	Bridget Jones	Software Developer
2:40	SS2.3	PIC Math and Beyond	Debra Gladden	Lee University
Additional Author: Jason Schmurr, Lee University				
3:00	SS2.4	A Student's Experience in Mathematical Research	Kaitlyn Burk	University of Alabama at Birmingham
3:20	SS2.5	Actuarial Science	Allyse Lamon	

SMC 201. *Special Session on Recreational Mathematics, Part 1.* Organizer: Timothy Goldberg (Lenoir-Rhyne University), Ron Taylor (Berry College)

Time	Talk Number	Title	Presenter	Affiliation
2:00	SS3.1	Human Cellular Automata Activities	Andrew Penland	Western Carolina University
2:20	SS3.2	Set Squares	Sarah Poiani	High Point University
2:40	SS3.3	Symmetric Circles in SET space	Nathan Gaby	Berry College
Additional Authors: Ron Taylor, Berry College				
3:00	SS3.4	Chess Master Delannoy and the Switching Lattice Paths	William Griffiths	Kennesaw State University
Additional Author: Steven Edwards, Kennesaw State University				

SMC 205 *Special Session on Math and Sports.* Organizers: Tim Chartier, Davidson College

Time	Talk Number	Title	Presenter	Affiliation
2:00	SS4.1	Can NFL Overtime Be Made Fair?	Megan Powell	University of North Carolina Asheville
Additional Author: Logan Timmons, BMO Harris				
2:20	SS4.2	NFL Rule Changes: Have they Really Made an Impact for the Future of the Game?	Sarah Fleischer	University of North Carolina Asheville
Additional Author: Megan Powell, University of North Carolina Asheville				
2:40	SS4.3	Prevalence of Obesity Among Adults and Youth in the Southeastern Region and the Dire Need of Effective Intervention	Laxmi Paudel	Albany State University
3:00	SS4.4	Humans vs. Zombies: A Phase Plane Analysis Activity	Hope McIlwain	Mercer University

SMC 250. *Special Session on Innovative Teaching Methods, Part 1.* Organizer: Toyin Alli (University of Georgia) and Bobby Benim (University of Georgia)

Time	Talk Number	Title	Presenter	Affiliation
2:00	SS5.1	Start – Stop – Continue: A Mid-Semester Course Retrospective	Amanda Lake Heath	University of Tennessee
2:20	SS5.2	Using a Flipped Format in Core Mathematics Classes	Beth Mclanahan	LaGrange College
2:40	SS5.3	Statistics Reimagined: The Courage to Make Substantial Changes	Brandon Samples	Georgia College and State University
3:00	SS5.4	Activity Based Learning for Statistics	Catherine Starnes	Belmont University
3:20	SS5.5	Social Science and Service: Reflections on Teaching Game Theory	Jason Quinley	Uni Tuebingen/ Quintessence Consulting
3:40	SS5.6	Reflection Assignments in IBL Courses	Jessica Williams	Converse College

SMC 255. *Contributed Paper Session 1.* Session Chair: Fidele Ngwane, University of South Carolina Salkehatchie

Time	Talk Number	Title	Presenter	Affiliation
2:00	CP1.1	Modeling the Immune Response of Celiac Disease	Cara Sulyok	University of Tennessee Knoxville
2:20	CP1.2	Modeling Immune-Mediated Activations and Interactions in Breast Cancer Progression	Kodwo Annan	Georgia Gwinnett College
2:40	CP1.3	A Follicle Wave Model with Applications	Nicole Panza	Francis Marion University
3:00	CP1.4	Modeling the Devastation of Hemlock Trees in the Great Smoky Mountains	Jillian Stupiansky	University of North Alabama
Additional Author: Jessica Stovall, University of North Alabama				
3:20	CP1.5	Nonlinear Time Series for Modeling Ancient Climates	Justin R. Sims	University of Tennessee at Martin
Additional Authors: Jane L. Harvill, Baylor University; Steven G. Driese, Baylor University				
3:40	CP1.6	Real World Application of Numerical Solution of Complex Equations	Jayanti Rani Saha	Albany State University
Additional Author: Arun Kumar Saha, Albany State University				

SMC 257. Contributed Paper Session 2. Session Chair: Diego Ramirez, Savannah State University

Time	Talk Number	Title	Presenter	Affiliation
2:00	CP2.1	Mathematical model for the fabrication of quantum dots	Wondimu Tekalign	Savannah State University
2:20	CP2.2	Damped Infinite Energy Solutions of the 3D Euler and Boussinesq Equations	Alejandro Sarria	University of North Georgia
Additional Author: William Chen, Williams College				
2:40	CP2.3	Similarity Solutions to a Class of Mixed Convection Flows	Anilkumar Devarapu	Albany State University
Additional Author: Zephyrinus C. Okonkwo, Albany State University; Robert S. Owor, Albany State University				
3:00	CP2.4	Existence of minimal and maximal solutions for Caputo fractional differential equations with bounded delay	Diego Ramirez	Savannah State University

Time	Talk Number	Title	Presenter	Affiliation
3:20	CP2.5	Time Delays in Differential Equations	George Moss	Union University
3:40	CP2.6	Inverse problems related to the Steiner-Wiener indices	Matthew Gentry	Georgia Southern University

SMC 258. *Contributed Paper Session 3.* Session Chair: William J. Cook, Appalachian State University

Time	Talk Number	Title	Presenter	Affiliation
2:00	CP3.1	Abstract Withdrawn		
2:20	CP3.2	Leibniz algebras with low dimensional maximal Lie quotients	William J. Cook	Appalachian State University
Additional Authors: John Hall, University of Kentucky; Vicky Klima, Appalachian State University; Carter Murray, Appalachian State University					
2:40	CP3.3	Singularity of Nilpotent Lie Algebras Constructed from Graphs	Allie Ray	Birmingham-Southern College
Additional Authors: Rachelle DeCoste,Wheaton College; Lisa DeMeyer, Central Michigan University; Meera Mainkar, Central Michigan					
3:00	CP3.4	Biconal subspace arrangements	Douglas A. Torrance	Piedmont College
3:20	CP3.5	Toward an Understanding of Skewed-Top Corridors	Shaun Ault	Valdosta State University
Additional Author: Joanne Wardell, Valdosta State University					
3:40	CP3.6	The Distance to a Squarefree Polynomial	Richard Moy	Lee University
Additional Author: Michael Filaseta, University of South Carolina					

SMC 300. *Contributed Paper Session 4.* Session Chair: Emily Hynds, Samford University

Time	Talk Number	Title	Presenter	Affiliation
2:00	CP4.1	Ascending Subgraph Decompositions in Tournaments of Order 6n+5	Brian Wagner	University of Tennessee at Martin

		Order Properties of Unlabeled Induced		University of
2:20	CP4.2	Subgraphs	Scott Sykes	West Georgia
2:40	CP4.3	Neighborhood-Prime Labelings of Graphs	Brad Fox	Austin Peay State University
Additional Author: Malori Cloys, Austin Peay State University				
3:00	CP4.4	Restricted n-color Cyclic Compositions	Elizabeth Hawkins	Georgia Southern University
3:20	CP4.5	Gallai-Ramsey Numbers for Hypergraphs	Mark Budden	Western Carolina University
Additional Authors: Josh Hiller, Adelphi University; Andrew Penland, Western Carolina University				
3:40	CP4.6	A Generalization of a Result of Catlin: 2-Factors in Line Graphs	Emily Hynds	Samford University
Additional Author: Ron Gould, Emory University				

SMC 301. *Contributed Paper Session 5.* Session Chair: Curtis Herink, Mercer University

Time	Talk Number	Title	Presenter	Affiliation
2:00	CP5.1	The primes of $\mathbb{Z}[\sqrt{n}]$	Andrew Simoson	King University
2:20	CP5.2	There are continuum-many integer sequences with the Zeckendorf property	Curtis Herink	Mercer University
2:40	CP5.3	Partitions with largest part repeated	Louis Kolitsch	University of Tennessee at Martin
Additional Author: Stephanie Kolitsch, University of Tennessee at Martin				
3:00	CP5.4	A Scalable Pluggable Cryptographic Algorithm for Enterprise Blockchain Sub-Channels	Robert Steven Owor	Albany State University
Additional Authors: Z. C. Okonkwo, Albany State University; A.Devarapu, Albany State University				
3:20	CP5.5	To infinity and beyond	Pawel Grzegrzolka	University of Tennessee
Additional Author: Jeremy Siegert, University of Tennessee				

Time	Talk Number	Title	Presenter	Affiliation
3:40	CP5.6	Radio Graceful Cartesian Powers	Amanda Niedzialomski	University of Tennessee at Martin

COE 106. *Undergraduate Papers Session A*. Session Chair: Catherine Matos, Clayton State University

Time	Talk Number	Title	Presenter	Affiliation
2:00	UT1.1	The Asymmetric Index of a Graph and Families of Asymmetric Graphs	Adam Gregory	Western Carolina University
Additional Authors: Alejandra Brewer, Florida Southern College; Quindel Jones, Jackson State University; Darren Narayan, Rochester Institute of Technology				
2:20	UT1.2	Abstract Withdrawn	Abstract Withdrawn	
2:40	UT1.3	Deleting Edges from Complete Graphs to Destroy the Ramsey Property	Elijah DeJonge	Western Carolina University
Additional Author: Mark Budden, Western Carolina University				
3:00	UT1.4	On Game Chromatic Number: Mycielskians	Hannah Elser	Winthrop University
Additional Authors: Chris Chamberlin, Winthrop University; Jacob DeCapau, Winthrop University; Dana Gerraputa,Winthrop University				
3:20	UT1.5	$G \,\square\, K_n$ radio graceful for certain G	Samantha Clayton	University of Tennessee at Marting
Additional Author: Amanda Niedzialomski, University of Tennessee Martin				
3:40	UT1.6	Anti-Ramsey Numbers for Hypergraphs	Will Stiles	Western Carolina University
Additional Author: Mark Budden, Western Carolina				

COE 121. *Undergraduate Papers Session B.* Session Chair: Jenna Carpenter, Campbell University

Time	Talk Number	Title	Presenter	Affiliation
2:00	UT2.1	Introduction to Multiplayer Nash Equilibrium and Applications	Candace Luong	Georgia Southern University
2:20	UT2.2	Water Quality of Rivers and Related Applied Mathematical Projects	Alicia Crewey	Georgia Gwinnett College
2:40	UT2.3	Theoretical Notions of Ecological Stability and Their Relation to Temporal Variability	Chace Covington	Francis Marion University
Additional Author: Craig Jackson, Ohio Wesleyan University				

Time	Talk Number	Title	Presenter	Affiliation
3:00	UT2.4	Modeling Protection Strategies Against Chikungunya Virus on Reunion Island	Alex Foster	Coastal Carolina University

Additional Authors: Igor Erovenko, University of North Carolina at Greensboro; Jonathan Rowell, University of North Carolina at Greensboro; Sylvia Klein, St. Mary's College of Maryland; David Feagins, St. Mary's University

3:20	UT2.5	A Mathematical Model for Tumor Growth and Treatment Using Virotherapy	Jessica Stevens	Winthrop University

Additional Authors: Zach Abernathy, Winthrop University; Kristen Abernathy, Winthrop University

3:40	UT2.6	Predicting Lung Cancer Death Rates by County through Demographic Variables	Jordan G Hoffman	Belmont University

Additional Author: Daniel Biles, Belmont University

COE 124. *Undergraduate Papers Session C*. Session Chair: Wei-Kai Lai, University of South Carolina at Salkehatchie

Time	Talk Number	Title	Presenter	Affiliation
2:00	UT3.1	Generalizing Random Fibonacci Sequences	Alex Foster	Coastal Carolina University
2:20	UT3.2	The Fourier Transform and Signal Processing	Cain Gantt	Georgia College and State University

Additional Author: Hong Yue, Georgia College and State University

2:40	UT3.3	Using Graphing to Test a Topological Space	Edie Shillum	Nipissing University
3:00	UT3.4	How to Stop a Nazi: Ranked-choice Tweaks	Matt Knipfer	High Point University
3:20	UT3.5	How Often is the Conclusion of Euclid's Lemma True?	Steven W. Buchanan	Tennessee Tech University
3:40	UT3.6	A Series of Series Topologies on N	Zachary Parker	University of Tennesse at Martin

Additional Author: Jason DeVito, University of Oklahoma

5:30 – 6:30   **MAA-SE Business Meeting, Dixon Center**

4:15 – 5:20   **GS.2 General Session II,** Dixon Center

Jeff Clark, MAA-SE Section Chair, presiding.Section Awards.

Invited address:

"*Tales of Impossibility"*
David Richeson, Dickinson College
MAA Editor Lecturer; Editor, Math Horizons

Saturday, March 11

7:30 – 10:30   **Registration,** Foyer, Merlin Wing, 2nd Floor, SMC

8:00 – 1:00   **Exhibits,** Foyer, Medlin Wing, 3rd Floor, SMC

8:45 – 9:45   **GS.3 General Session III, Dixon Center**

Tim Chartier, MAA-SE Section Representative, presiding.

Invited Address:

"*All Tangled Up"*
Carol Schumacher, Kenyon College
MAA Section Visitor

7:30 – 10:10   **Undergraduate Poster Setup,** SMC Great Room
10:10 – 10:45   **Undergraduate Poster Judging,** SMC Great Room
10:45 – 12:00   **Undergraduate Poster Session,** SMC Great Room
Organizer: Antara Mukherjee, The Citadel

Undergraduate Poster Titles

Talk Number	Title of Poster	Presenter	Affiliation
UP1.1	Counting Integer Sequences with Restrictions	Sklyer Addy	The Citadel
Additional Authors: Zachary Parker, The Citadel			
UP1.2	Modeling Changes in Atmospheric Carbon Dioxide	Elizabeth Compton	Lagrange College
Additional Author: William Wooten, Lagrange College			

UP1.3	Water Quality of Rivers and Related Applied Mathematical Projects	Alicia Crewey	Georgia Gwinnett College
UP1.4	Continuous Frames and the Discretization Problem	Biraj Dahal	Clemson University
UP1.5	What's a DRACKN?	Alex Foster	Coastal Carolina University
Additional Author: James Solazzo, Coastal Carolina University			
UP1.6	Statistical Models for Predicting Single-Game Win-Expectation for NHL Teams	Mira Grcevich	Belmont University
UP1.7	Cayley Graphs on Billiard Surfaces	Asia Grzegrzolka	Lee University
UP1.8	The Domination Ideal of a Finite Simple Graph	Jacob Honeycutt	Clemson University
UP1.9	Positive Solutions to Singular Second Order Boundary Value Problems for Dynamic Equations	Alex Lancaster	University of Tennessee at Martin
Additional Author: Curtis Kunkel, University of Tennessee at Martin			
UP1.10	Analyzing Power Usage Data at a Growing Rural University	Jonathan Mashburn	Western Carolina University
UP1.11	Dynamics of an HIV-1 Virotherapy Model	Mary McBride	Winthrop University
Additional Authors: K. Abernathy, Winthrop University; Z. Abernathy, Winthrop University; C. Hennessy, G. Tarque			
UP1.12	Improved Convergence of Fixed Point Iterations with Anderson Acceleration	Allison Miller	Clemson University
UP1.13	Painting Polyhedra: An Application of Burnside's Formula	Alec Powers	Georgia College and State University
UP1.14	Domination in Hexagonal Grid Graphs	Luke Steel	Berry College
UP1.15	Experimenting with Electricity: Analyzing Irreversibly Electroporated 293-T and HeLa Cells	Leah Terrian	Lee University
Additional Authors: Debra Gladden, Lee University; Jonathan Cornett, Lee University			

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

SMC 100. *Special Session on Investigations and Strategies that Positively Influence Student Success in Undergraduate Mathematics, Part 2*. Organizers: Wanda Payne (Tennessee State University), Martene Stanberry (Tennessee State University)

Time	Talk Number	Title	Presenter	Affiliation
10:00	SS8.1	An Alternative Calculus Sequencing for Increasing Math Majors	Ivan Dungan	Francis Marion University
Additional Author: Randy Boucher, Center for Army Analysis				
10:20	SS8.2	Pedagogical Pitfalls and Promises of a QLR Project	Ryan Fox	Belmont University
10:40	SS8.3	Graded Homework in 100-level Mathematics courses: Should the students decide ?	Cathy Whitlock	University of North Carolina Asheville
Additional Author: Laura Tinney, University of North Carolina Asheville				
11:00	SS8.4	Discussing the Definition of Limits in Calculus	Iason Rusodimus	Perimeter College at Georgia State University
Additional Author: Barrett Walls, Perimeter College at Georgia State University				
11:20	SS8.5	Using Peer Instruction in Vector Calculus to Promote Conceptual Understanding	Alan Von Hermann	University of Tennessee
Additional Author: L. Jeneva Clark, University of Tennessee				
11:40	SS8.6	The MAA Instructional Guide in Practice	Martha Abell	Georgia Southern University

SMC 115. *Special Session on Mathematical Experiences and Projects in Business, Industry and Government (BIG), Part 2*. Organizers: Caroline Maher-Boulis (Lee University), David Stone (Georgia Southern University), Jan Rychtar (University of North Carolina at Greensboro).

Time	Talk Number	Title	Presenter	Affiliation
10:00	SS9.1	BIG Data Meets Small-Town Issues: Python, Pandas, Politics, and Policy Consulting	Jason Quinley	Uni Tuebingen/ Quintessence Consulting
10:20	SS9.2	Mentored Teams of Undergraduates in Real World Consulting	John R. Ramsay	College of Wooster
10:40	SS9.3	My Journey from Mathematics to Materials Analyst	Joshua Crumbliss	Schneider Electric

Time	Talk Number	Title	Presenter	Affiliation
11:00	SS9.4	My Transition into the Defense Industry	James Sunkes	Dynetics, Inc. and The University of Alabama Huntsville
11:20	SS9.5	Experiences of Murray State University PICMath Students	Donald Adongo	Murray State University

SMC 201. *Special Session on Recreational Mathematics, Part 2*. Organizer: Timothy Goldberg (Lenoir-Rhyne University), Ron Taylor (Berry College)

Time	Talk Number	Title	Presenter	Affiliation
10:00	SS10.1	Geometric phase of an analog clock	Jeffrey Lawson	Western Carolina University
Additional Author: Matthew Rave, Western Carolina University				
10:20	SS10.2	N Disks Walk onto a Peg	Katherine Craven	Lenoir-Rhyne University
10:40	SS10.3	Abracadabra: Math, Magic, and More!	Andrew Mosteller	Lenoir-Rhyne University
11:00	SS10.4	Solution to AMM Problem 12008	Benjamin Cook	Nipissing University
Additional Authors: Tzvetalin S. Vassilev, Nipissing University; Borislav Karaivanov, Sigma Space Inc.				
11:20	SS10.5	A Mathematical Exploration of Enemy-Protector	Edward Fuselier	High Point University
Additional Author: Adam Graham-Squire, High Point University				

SMC 250. *Special Session on Innovative Teaching Methods, Part 2.* Organizer: Toyin Alli (University of Georgia) and Bobby Benim (University of Georgia)

Time	Talk Number	Title	Presenter	Affiliation
10:00	SS11.1	Combining Resubmission with Reflection to Increase Understanding	Vicky Klima	Appalachian State University
10:20	SS11.2	Designing and Evaluating OERs in Mathematics Modeling	Marnie Phipps	University of North Georgia
Additional Author: Patty Wagner, University of North Georgia				
10:40	SS11.3	Using Historical Timeline Exercises in a Mathematics Course	Mike Pinter	Belmont University

Time	Talk Number	Title	Presenter	Affiliation
11:00	SS11.4	Steps in Teaching Students to use Excel for Solving Quantitative Problems	Robin Lovgren	Belmont University
11:20	SS11.5	Mathematics Immersion at UNG	Karen Briggs	University of North Georgia
Additional Author: Robb Sinn, University of North Georgia				
11:40	SS11.6	An Examination of the Impact of Affordable Learning Georgia Textbook Transformation Projects on Instruction, Learning, and Student Achievement at Albany State University	Zephyrinus C. Okonkwo	Albany State University
Additional Authors: Anilkumar Devarapu, Albany State University; Robert S. Owor, Albany State University				

SMC 305. *Contributed Paper Session 6.* Session Chair: Ben Westcoatt, Valdosta State University

Time	Talk Number	Title	Presenter	Affiliation
10:00	CP6.1	Using 3D Technology in a Calculus Course	Jason Schmurr	Lee University
10:20	CP6.2	Exploring pre-service teachers' understanding of integer multiplication through stories	Ben Westcoatt	Valdosta State University
10:40	CP6.3	A study of student perceptions of office hours	Lake Rylie Ritter	Kennesaw State University
Additional Authors: Jennifer Vandenbussche, Kennesaw State University; Christina Scherrer, Kennesaw State University				
11:00	CP6.4	Improving Program Assessment of the Mathematics Major	Bernadette Mullins	Birmingham-Southern College
11:20	CP6.5	Mathematics at Black Mountain College	David Peifer	University of North Carolina Asheville
11:40	CP6.6	Transitioning to Open-Source Materials in a General Education Mathematics Course	Phillip T. Carroll	Mars Hill University
Additional Author: Laura Steil, Mars Hill University				

HC101. *Contributed Paper Session 7.* Session Chair: Vijay Kunwar, Albany State University

Time	Talk Number	Title	Presenter	Affiliation
10:00	CP7.1	Group Actions of Lie Groups on Flag Manifolds: Orbits	Ben Ntatin	Austin Peay State University
10:20	CP7.2	Computing Dessins for a Given Branching Pattern	Vijay Jung Kunwar	Albany State University
Additional Author: Dr. Mark van Hoeij, Florida State University				
10:40	CP7.3	Capturing Persistent Homotopic Information	Ivan Dungan	Francis Marion University

COE 105. *Contributed Paper Session 8.* Session Chair: Julie Barnes, Western Carolina University

Time	Talk Number	Title	Presenter	Affiliation
10:00	CP8.1	How the study of complex functions produced coloring book and calendar images	Julie Barnes	Western Carolina University
Additional Author: Beth Schaubroeck, United States Air Force Academy				
10:20	CP8.2	2-Wasserstein distance between self-similar measures	Robert Niedzialomski	University of Tennessee at Martin
Additional Authors: Mason Doyle, University of Tennessee at Martin; Easton Brawley, University of Tennessee at Martin				
10:40	CP8.3	The fractal dimension of the Rudin-Shapiro Function	Hong Yue	Georgia College and State University
Additional Author: Bennett Haller, Georgia College and State University				
11:00	CP8.4	Incorporating Stochasticity into Models	Erin McNelis	Western Carolina University
11:20	CP8.5	Support Sets of Nonlinear Functionals	Jessica Stovall	University of North Alabama

SMC 205. *Contributed Paper Session 9 .* Session Chair: Richard Moy, Lee University

Time	Talk Number	Title	Presenter	Affiliation
10:00	CP9.1	Our Jewel: Using Euler's Formula to Make Our Mathematical Lives Slightly Easier	Jonathan Matthew Clark	University of Tennessee Knoxville
10:20	CP9.2	Analog Computers for the Present Time	Damon Scott	Francis Marion University
10:40	CP9.3	Data patterns discovery using unsupervised learning	Rachel Lewis	Georgia Southern University
11:00	CP9.4	The Evolution of Exploitation: Sympathetic Utility Functions in Evolutionary Games	Jason Quinley	Uni Tuebingen/ Quintessence Consulting
11:20	CP9.5	Regression to the Nice: Support Vector Machines, Politeness Strategies, and Game Theory in Online Message Boards	Jason Quinley	Uni Tuebingen/ Quintessence Consulting

SMC 258. *Undergraduate Papers Session D.* Session Chair: Blayne Carroll, Lee University

Time	Talk Number	Title	Presenter	Affiliation
10:00	UT4.1	Recognizing Ant Colonies through Graph Invariants	Katherine Barrs	Georgia Southern University
Additional Authors: Dr. Joshua Gibson, Georgia Southern University; Dr. Hua Wang, Georgia Southern University				
10:20	UT4.2	A Graph Theory Approach to Gerrymandering	Kelsey Quinn	High Point University
10:40	UT4.3	Mathematical models for Decapentaplegic (Dpp) scaling and pattern formation in the common fruit fly	Noah Hallman	Georgia Southern University
11:00	UT4.4	A Mathematical Model for Controlling the Spread of Cholera through Disinfection, Vaccination, and Quarantine	Olivia Greathouse	Winthrop University
11:20	UT4.5	Planetary Motion determined by Mary Somerville	Sydney McCall	Winthrop University

Time	Talk Number	Title	Presenter	Affiliation
11:40	UT4.6	Modeling Traffic Flow using Finite Difference Approximations	William E. Wooten	Lagrange College

SMC 300. *Undergraduate Papers Session E.* Session Chair: Amanda Jones, Lee University

Time	Talk Number	Title	Presenter	Affiliation
10:00	UT5.1	Chipkill: The Power of Finite Fields	Cannon McIntosh	Coastal Carolina University
Additional Authors: Laura Monroe, Los Alamos National Laboratory; Nathan DeBardeleben, Los Alamos National Laboratory; Thomas Hoffman, Coastal Carolina University; Ogul Arslan, Coastal Carolina University; William Jones, Coastal Carolina University			
10:20	UT5.2	Generalized Commutator Probability for Group Elements	Dalen T. Dockery	Tennessee Tech University
10:40	UT5.3	Unstacking Tortoise Shells with Math: Factoring Multivariate Polynomials in the Tropical Semiring	Davis Deaton	Belmont University
Additional Author: Jordan Sawdy, Belmont University			
11:00	UT5.4	Matrices in a Hosoya-like Triangle	Hsin-Yun Ching	The Citadel
11:20	UT5.5	Matrices in the Hosoya Triangle	Matthew Blair	The Citadel
Additional Authors: Rigoberto Florez, The Citadel; Antara Mukherjee, The Citadel			
11:40	UT5.6	On Covers of Dihedral 2-Groups by Powerful Subgroups	Luke Guatelli	Western Carolina University
Additional Authors: Risto Atanasov,Western Carolina University; Adam Gregory, Western Carolina University; Andrew Penland, Western Carolina University			

SMC 301. *Undergraduate Papers Session F.* Session Chair: Shaun Ault, Valdosta State University

Time	Talk Number	Title	Presenter	Affiliation
10:00	UT6.1	Generalizing Random Fibonacci Sequences	Alex Foster	Coastal Carolina University
Additional Authors: David Duncan, Coastal Carolina University; Prashant Sansgiry, Coastal Carolina University; Ogul Arslan, Coastal Carolina University			
10:20	UT6.2	A Combinatorial Approach to Euchre	Brent Crane	Nipissing University

				Elizabeth	
10:40	UT6.3	A Fibonacci and Lucas Identity		Elizabeth Spoehel	The Citadel
11:00	UT6.4	The Quaternions, a 4-Dimensional Playground		Freeman Slaughter	University of North Carolina at Asheville
Additional Author: Sidney Hayes, University of North Carolina at Asheville					
11:20	UT6.5	Symmetry in Atonal Music		Sergei Miles	Appalachian State University
11:40	UT6.6	Nevanlinna-Pick Interpolation on Certain Subalgebras of Bounded Analytic Functions.		Jeremiah Dunivini	Coastal Carolina University
Additional Author: Debendra Banjade, Coastal Carolina University					

12:15 – 1:15   **Math Jeopardy Final Round: Memorial Auditorium in DIXON CENTER**
       Announcement of Student Prize Winners.

Index of Speakers

Abbat	Pierre	Friday	SS2.1	2:00 p.m.	phma@bezitopo.org
Abell	Martha	Saturday	SS8.6	11:40 a.m.	martha@georgiasouthern.edu
Abernathy	Zachary	Friday	DS.1	9:00 a.m.	abernathyz@winthrop.edu
Addy	Skyler	Saturday	UP1.1	10:10 a.m.	saddy@citadel.edu
Adongo	Donald	Saturday	SS9.5	11:20 a.m.	dadongo@murraystate.edu
Annan	Kodwo	Friday	CP1.2	2:20 p.m.	kannan@ggc.edu
Anthony	Holly	Friday	SS1.1	2:00 p.m.	HAnthony@tntech.edu
Ault	Shaun	Friday	CP3.5	3:20 p.m.	svault@valdosta.edu
Banchoff	Tom	Friday	DS.2	10:00 a.m.	banchoff@math.brown.edu
Barnes	Julie	Saturday	CP8.1	10:00 a.m.	jbarnes@email.wcu.edu
Barrs	Katherine	Saturday	UT4.1	10:00 a.m.	kb08802@georgiasouthern.edu
Blair	Matthew	Saturday	UT5.5	11:20 a.m.	mblair1@citadel.edu
Bleiler-Baxter	Sarah	Friday	SS1.2	2:20 p.m.	sarah.bleiler@mtsu.edu
Briggs	Karen	Saturday	SS11.1	10:00 a.m.	kbriggs@ung.edu
Buchanan	Steven W.	Friday	UT3.5	3:20 p.m.	swbuchanan42@students.tntech.edu
Budden	Mark	Friday	CP4.5	3:20 p.m.	mrbudden@email.wcu.edu
Burk	Kaitlyn	Friday	SS2.4	3:00 p.m.	kburk000@uab.edu
Carroll	Philip T.	Saturday	CP6.6	11:40 a.m.	pcarroll@mhu.edu
Ching	Hsin-Yun	Saturday	UT5.4	11:00 a.m.	hching@citadel.edu
Chiorescu	Marcela	Friday	SS1.6	3:40 p.m.	marcela.chiorescu@gcsu.edu
Clark	Jonathan Matthew	Saturday	CP9.1	10:00 a.m.	jclar121@vols.utk.edu
Clayton	Samantha	Friday	UT1.5	3:20 p.m.	samiclay@ut.utm.edu
Compton	Elizabeth	Saturday	UP1.2	10:10 a.m.	ecompton@student.lagrange.edu

Cook	William J.	Friday	CP3.2	2:20 p.m.	cookwj@appstate.edu
Cook	Benjamin	Saturday	SS10.4	11:00 a.m.	brcook986@community.nipissingu.ca
Covington	Chace	Friday	UT2.3	2:40 p.m.	ccovington1959@g.fmarion.edu
Crane	Brent	Saturday	UT6.2	10:20 a.m.	bqcrane489@community.nipissingu.ca
Craven	Katherine	Saturday	SS10.2	10:20 a.m.	katherine.craven@my.lr.edu
Crewey	Alicia	Saturday	UP1.3	10:10 a.m.	acrewey@ggc.edu
Crewey	Alicia	Friday	UT2.2	2:20 p.m.	acrewey@ggc.edu
Crumbliss	Joshua	Saturday	SS9.3	10:40 a.m.	crumbliss.josh@gmail.com
Dahal	Biraj	Saturday	UP1.4	10:10 a.m.	bdahal@clemson.edu
Deaton	Davis	Saturday	UT5.3	10:40 a.m.	davis.deaton@pop.belmont.edu
Dejonge	Elijah	Friday	UT1.3	2:40 p.m.	ehdejonge1@catamount.wcu.edu
Devarapu	Anilkumar	Friday	CP2.3	2:40 p.m.	Anilkumar.devarapu@asurams.edu
Dockery	Dalen T.	Saturday	UT5.2	10:20 a.m.	dtdockery42@students.tntech.edu
Dungan	Ivan	Saturday	CP7.3	10:40 a.m.	ivan.dungan@fmarion.edu
Dungan	Ivan	Saturday	SS8.1	10:00 a.m.	ivan.dungan@fmarion.edu
Dunivin	Jeremiah	Saturday	UT6.6	11:40 a.m.	jdunivi1@coastal.edu
Elser	Hannah	Friday	UT1.4	3:00 p.m.	elserh2@winthrop.edu
Fleischer	Sarah	Friday	SS4.2	2:20 p.m.	sfleisch@unca.edu
Foster	Alex	Saturday	UP1.5	10:10 a.m.	aofoster@coastal.edu
Foster	Alex	Friday	UT2.4	3:00 p.m.	aofoster@coastal.edu
Foster	Alex	Friday	UT3.1	2:00 p.m.	aofoster@coastal.edu
Fox	Brad	Friday	CP4.3	2:40 p.m.	foxb@apsu.edu
Fox	Ryan	Saturday	SS8.2	10:20 a.m.	ryan.fox@belmont.edu
Fuselier	Jenny	Friday	SS1.4	3:00 p.m.	agrahams@highpoint.edu

Fuselier	Edward	Saturday	SS10.5	11:20 a.m.	efuselie@highpoint.edu
Gaby	Nathan	Friday	SS3.3	2:40 p.m.	Nathan.Gaby@vikings.berry.edu
Gantt	Cain	Friday	UT3.2	2:20 p.m.	cain.gantt@bobcats.gcsu.edu
Gentry	Matthew	Friday	CP2.6	3:40 p.m.	mg06656@georgiasouthern.edu
Gladden	Debra	Friday	SS2.3	2:40 p.m.	jgladden@leeuniversity.edu
Grcevich	Mira	Saturday	UP1.6	10:10 a.m.	mira.grcevich@pop.belmont.edu
Greathouse	Olivia	Saturday	UT4.4	11:00 a.m.	greathouseo2@winthrop.edu
Gregory	Adam	Friday	UT1.1	2:00 p.m.	gregoryadam9@gmail.com
Griffiths	William	Friday	SS2.4	3:00 p.m.	wgriff17@kennesaw.edu
Grzegrzolka	Pawel	Friday	CP5.5	3:20 p.m.	pgrzegrz@vols.utk.edu
Grzegrzolka	Asia	Saturday	UP1.7	10:10 a.m.	jschmurr@leeuniversity.edu
Guatelli	Luke	Saturday	UT5.6	11:40 a.m.	lrguatelli1@catamount.wcu.edu
Hallman	Noah	Saturday	UT4.3	10:40 a.m.	nh02322@georgiasouthern.edu
Hawkes Learning		Friday	PUB.1	2 p.m.	
Hawkins	Elizabeth	Friday	CP4.4	3:00 p.m.	eh03511@georgiasouthern.edu
Heath	Amanda Lake	Friday	SS5.1	2:00 p.m.	aheath3@vols.utk.edu
Herink	Curtis	Friday	CP5.2	2:20 p.m.	herink_cd@mercer.edu
Hoffman	Jordan G	Friday	UT2.6	3:40 p.m.	jordan.hoffman@pop.belmont.edu
Honeycutt	Jacob	Saturday	UP1.8	10:10 a.m.	jghoney@clemson.edu
Hynds	Emily	Friday	CP4.6	3:40 p.m.	eahynds@samford.edu
Jones	Bridget	Friday	SS2.2	2:20 p.m.	bridgetjones94@icloud.com
Klima	Vicky	Saturday	SS11.5	11:20 a.m.	klimavw@appstate.edu
Knipfer	Matt	Friday	UT3.4	3:00 p.m.	mknipfer@highpoint.edu
Kolitsch	Louis	Friday	CP5.3	2:40 p.m.	lkolitsc@utm.edu

Kunwar	Vijay Jung	Saturday	CP7.2	10:20 a.m.	vijay.kunwar@asurams.edu
Lamon	Allyse	Friday	SS2.5	3:20 p.m.	allyse.lamon@gmail.com
Lancaster	Alex	Saturday	UP1.9	10:10 a.m.	alejlanc@ut.utm.edu
Lawson	Jeffrey	Saturday	SS10.1	10:00 a.m.	jlawson@wcu.edu
Lewis	Rachel	Saturday	CP9.3	10:40 a.m.	rachel.lewis9312@gmail.com
Lewis	Torina	Friday	SS1.3	2:40 p.m.	tlewis@cau.edu
Lewis	Elizabeth	Friday	SS1.5	3:20 p.m.	eflewis@uncg.edu
Lovgren	Robin	Saturday	SS11.4	11:00 a.m.	robin.lovgren@belmont.edu
Luong	Candace	Friday	UT2.1	2:00 p.m.	cl05304@georgiasouthern.edu
Mashburn	Jonathan	Saturday	UP1.10	10:10 a.m.	jdmashburn1@catamount.wcu.edu
Mazur	Kristen	Friday	GS1.1	12:45 p.m.	kmazur@elon.edu
McBride	Mary	Saturday	UP1.11	10:10 a.m.	mcbridem3@winthrop.edu
McCall	Sydney	Saturday	UT4.5	11:20 a.m.	mccalls3@winthrop.edu
McClanahan	Beth	Friday	SS5.2	2:20 p.m.	bmcclanahan@lagrange.edu
McIlwain	Hope	Friday	SS4.4	3:00 p.m.	mcilwain_mh@mercer.edu
McIntosh	Cannon	Saturday	UT5.1	10:00 a.m.	crmcintos@coastal.edu
McNelis	Erin	Saturday	CP8.4	11:00 a.m.	emcnelis@email.wcu.edu
Miles	Sergei	Saturday	UT6.5	11:20 a.m.	milessl@appstate.edu
Miller	Allison	Saturday	UP1.12	10:10 a.m.	amill22@clemson.edu
Moss	George	Friday	CP2.5	3:20 p.m.	gmoss@uu.edu
Mosteller	Andrew	Saturday	SS10.3	10:40 a.m.	andrew.mosteller@my.lr.edu
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Mullins	Bernadette	Saturday	CP6.4	11:00 a.m.	bmullins@bsc.edu
Niedzialomski	Amanda	Friday	CP5.6	3:40 p.m.	aniedzia@utm.edu

Niedzialomski	Robert	Saturday	CP8.2	10:20 a.m.	rniedzia@utm.edu
Ntation	Ben	Saturday	CP7.1	10:00 a.m.	ntatinb@apsu.edu
Okonkwo	Zephyrinus C.	Saturday	SS11.6	11:40 a.m.	Zephyrinus.Okonkwo@asurams.edu
Owor	Robert Steven	Friday	CP5.4	3:00 p.m.	Robert.Owor@asurams.edu
Panza	Nicole	Friday	CP1.3	2:40 p.m.	npanza@fmarion.edu
Parker	Zachary	Friday	UT3.6	3:40 p.m.	zacppark@ut.utm.edu
Paudel	Laxmi	Friday	SS4.3	2:40 p.m.	laxmi.paudel@asurams.edu
Peifer	David	Saturday	CP6.5	11:20 a.m.	dpeifer@unca.edu
Penland	Andrew	Friday	SS3.1	2:00 p.m.	adpenland@email.wcu.edu
Phipps	Marnie	Saturday	SS11.2	10:20 a.m.	mcphipps@ung.edu
Pinter	Mike	Saturday	SS11.3	10:40 a.m.	mike.pinter@belmont.edu
Poiani	Sarah	Friday	SS3.2	2:20 p.m.	spoiani@highpoint.edu
Powell	Megan	Friday	SS4.1	2:00 p.m.	mpowell4@unca.edu
Powers	Alec	Saturday	UP1.13	10:10 a.m.	alec.powers@bobcats.gcsu.edu
Quinley	Jason	Saturday	C9.5	11:20 a.m.	quinleyjason@gmail.com
Quinley	Jason	Saturday	CP9.4	11:00 a.m.	quinleyjason@gmail.com
Quinley	Jason	Friday	SS5.5	3:20 p.m.	quinleyjason@gmail.com
Quinley	Jason	Saturday	SS9.1	10:00 a.m.	quinleyjason@gmail.com
Quinn	Kelsey	Saturday	UT4.2	10:20 a.m.	kquinn1@highpoint.edu
Ramirez	Diego	Friday	CP2.4	3:00 p.m.	ramirezd@savannahstate.edu
Ramsay	John R	Saturday	SS9.2	10:20 a.m.	jramsay@wooster.edu
Ray	Allie	Friday	CP3.3	2:40 p.m.	adray@bsc.edu
Richeson	David	Friday	GS1.2	4:15 p.m.	richesod@dickinson.edu
Ritter	Lake Rylie	Saturday	CP6.3	10:40 a.m.	lritter@kennesaw.edu

Rusodimos	Iason	Saturday	SS8.4	11:00 a.m	irusodimos@gsu.com
Saha	Jayanti Rani	Friday	CP1.6	3:40 p.m.	arun.saha@asurams.edu
Samples	Brandon	Friday	SS5.3	2:40 p.m.	brandon.samples@gcsu.edu
Sarria	Alejandro	Friday	CP2.2	2:20 p.m.	asarria@ung.edu
Schmurr	Jason	Saturday	CP6.1	10:00 a.m.	jschmurr@gmail.com
Schumacher	Carol	Saturday	GS2.1	8:45 a.m.	schumacherc@kenyon.edu
Scott	Damon	Saturday	CP9.2	10:20 a.m.	DScott@FMarion.edu
Shillum	Edie	Friday	UT3.3	2:40 p.m.	emshillum235@community.nipissingu.ca
Simoson	Andrew J.	Friday	CP5.1	2:00 p.m.	ajsimoso@king.edu
Sims	Justin R.	Friday	CP1.5	3:20 p.m.	JSims12@utm.edu
Slaughter	Freeman	Saturday	UT6.4	11:00 a.m.	fslaught@unca.edu
Spoehel	Elizabeth	Saturday	UT6.3	10:40 a.m.	espoehel@citadel.edu
Starnes	Catherine	Friday	SS5.4	3:00 p.m.	catherine.starnes@belmont.edu
Steel	Luke	Saturday	UP1.14	10:10 a.m.	Luke.Steel@vikings.berry.edu
Stevens	Jessica	Friday	UT2.5	3:20 p.m.	stevensj13@winthrop.edu
Stiles	Will	Friday	UT1.6	3:40 p.m.	wsstiles2@catamount.wcu.edu
Stovall	Jessica E.	Saturday	CP8.5	11:20 a.m.	jstovall@una.edu
Stupiansky	Jillian	Friday	CP1.4	3:00 p.m.	jstupiansky@una.edu
Sulyok	Cara	Friday	CP1.1	2:00 p.m.	csulyok@vols.utk.edu
Sunkes	James	Saturday	SS9.4	11:00 a.m.	jsunkes@gmail.com
Sykes	Scott R	Friday	CP4.2	2:20 p.m.	ssykes@westga.edu
Tekalign	Wondimu	Friday	CP2.1	2:00 p.m.	tekalignw@savannahstate.edu
Terrian	Leah	Saturday	UP1.15	10:10 a.m.	lterri00@leeu.edu
Torrance	Douglas A.	Friday	CP3.4	3:00 p.m.	dtorrance@piedmont.edu

Von Herrmann	Alan	Saturday	SS8.5	11:20 a.m	avonherm@utk.edu	
Waddell	Cleveland	Friday	CP3.1	2:00 p.m.	cawaddel@ncsu.edu	
Wagner	Brian	Friday	CP4.1	2:00 p.m.	bwagner@utm.edu	
Westcoatt	Ben	Saturday	CP6.2	10:20 a.m.	bmwescoatt@valdosta.edu	
Whitlock	Cathy	Saturday	SS8.3	10:40 a.m.	whitlock@unca.edu	
Williams	Jessica	Friday	SS5.6	3:40 p.m.	jessica.williams@converse.edu	
Wooten	William E.	Saturday	UT4.6	11:40 a.m.	wwooten@student.lagrange.edu	
Yue	Hong	Saturday	CP8.3	10:40 a.m.	hong.yue@gcsu.edu	

Treasure Hunt Planning Team

Julie Barnes	Western Carolina University
Tuyin An	Georgia Southern University
Philip Carroll	Mars Hill University
Shih-Wei Chao	University of North Georgia
Timothy Goldberg	Lenoir-Rhyne University
Wei-Kai (Bryan) Lai	Univ. of South Carolina Salkehatchie
Kerri Jamerson	Mars Hill University
Sarah Nelson	Lenoir-Rhyne University
Andrew Penland	Western Carolina University
Megan Powell	University of North Carolina Asheville
Heather Smith	Davidson College
Laura Steil	Mars Hill University
Anthony Vasaturo	USC Sumter

The list of Officer Nominees will be available on the website at https://maasoutheastern.org/.

Join us next year at High Point University

High Point, NC

March 12-14, 2020

The High Point University Department of Mathematical Sciences will host the 2020 Annual Meeting of the Southeastern Section of the Mathematical Association of America, March 12-14, 2020. Meeting rooms will be in buildings conveniently located on High Point's International Promenade. Blocks of rooms will be reserved at several hotels/motels in High Point, and parking lots will be reserved for attendees' convenience at the university. Make plans now to attend. Everyone is invited!
High Point University is a private, liberal arts located in High Point, NC, easily accessible by major highways from all states in our region.

Meeting sponsored by: