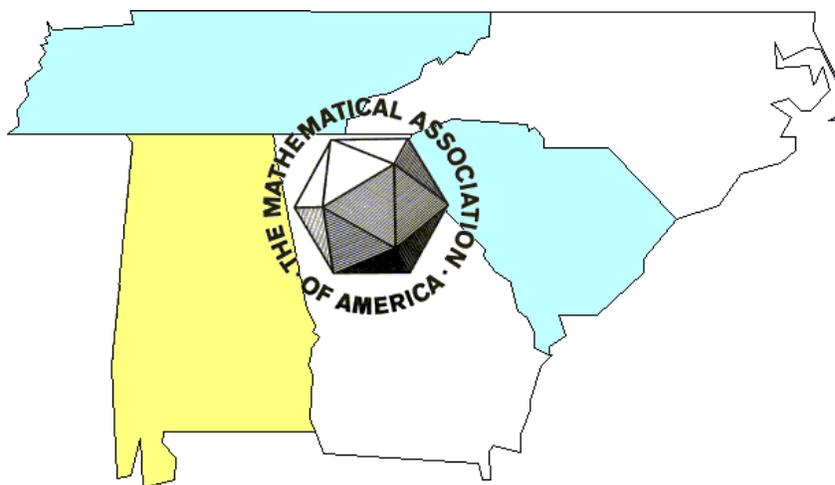


Southeastern Section Newsletter



Spring 2016
Volume 35 Number 1

TABLE OF CONTENTS

Section Calendar	3
From the Chair	4
From the Governor	5
Spring Executive Committee Meeting Minutes.....	6
Reports from the States	9
University of Alabama Birmingham Meeting Report	11
Spring Business Meeting Minutes	17
2016 Distinguished Service Award Citation	26
Call for Nominations for the Distinguished Service Award.....	27
2016 Distinguished Teaching Award Citation.....	28
Call for Nominations for the Distinguished Teaching Award.....	29
2016 Beginning Faculty Teaching Award Citation.....	31
Call for Nominations for the Beginning Faculty Teaching Award.....	32
Southeastern Section Officers and Committees.....	35

The Newsletter is published in April and November each year. The deadlines for items to be included in each issue are March 15 and October 15 respectively. Departmental News appears in the November newsletter only and is solicited from department liaisons.

Material may be submitted to the editor on paper or by email, although email is preferred. Currently the newsletter is produced using Microsoft Publisher, which can import plain text files or files produced by most word-processing software.

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SECTION CALENDAR

August 3-6, 2016	Mathfest, Columbus, OH
January 4-7, 2017	MAA-AMS Annual Meeting, Atlanta, GA
March 10-11, 2017	Southeastern Section Annual Meeting, Mercer University, Macon, GA
July 26-29, 2017	Mathfest, Chicago, IL
January 10-13, 2018	MAA-AMS Annual Meeting, San Diego, CA
August 1-4, 2018	Mathfest, Denver, CO
January 16-19, 2019	MAA-AMS Annual Meeting, Baltimore, MD
July 31-August 3, 2019	Mathfest, Cincinnati, OH



FROM THE CHAIR

Hello all -

It was a great meeting in Birmingham. Our many tanks to all on the organizing crew: John Mayer of UAB as site coordinator, Administrative Assistant Cheryl Logan, students and other staff. The UAB folk were assisted by people from other Birmingham area schools, including Emily Hynds (Samford University) and Bernie Mullins (Birmingham-Southern College). If I forgot anyone who should be especially thanked, please forgive me.

The meeting was made even more special by our plenary talks from MAA President Francis Su, who really interacted with all of us, and students especially; Section Lecturer Chris Raridan (Clayton State University), and Teaching award winners Kristin Abernathy (Winthrop University) and Mo Hendon (University of Georgia). Thanks to all of them! Congratulations to this year's teaching award winners: Steve Robinson (Wake Forest University) and Chad Awtry (Elon University) and Distinguished Service Award winner Martha Abell (Georgia Southern University).

It's time to say good-by (for now) to several members of the Executive Committee of the Section: Vice-chair for 2-year Colleges Alice Pierce, Vice-Chair for Programs Sarah Raynor, Section Lecturer Chris Raridan, Alabama State Director Bernie Mullins, Georgia State Director Karen Briggs, and Student Activities Coordinator Kristen Abernathy. Karen O'Hara (High Point University) is transitioning from NExT co-director to Student Activities. We welcome new members Jeff Clark (Elon University, Chair-Elect), Wei-Kai Lai (USC Salkehatchie, Vice-chair for 2-year Colleges), Hope McIlwain (Mercer University, Vice-Chair for Programs), Carolyn Yackel (Mercer University, Section Lecturer), Emily Braley (Duke University, Project NExT Co-director), Jerome Goddard (Auburn University Montgomery, Alabama State Director), and Ben Wescoatt (Valdosta State University, Georgia State Director). Virginia Watson continues as Section Historian and Jim Gleason continues as our able Section Webmaster.

Speaking of the webmaster, Jim recently overhauled our section web pages for a wonderful new look – take a gander! And – while you are there, check the section By-Laws. MAA has each section “reaffirm” its by-laws every ten years; it is our turn. We need to make some changes to make our by-laws conform to the newest template, and perhaps do some other clean-up. If any member has suggestions for other needed changes, please send those to me. The Executive Committee will be looking closely at changes at our Fall meeting in order to have those ready for a vote of the members next March at Mercer University.

See you next March 10-11 at Mercer in Macon, GA!



FROM THE GOVERNOR

Both the Centennial Mathfest in Washington, DC, and the Joint Mathematics Meeting in Seattle, WA, were huge successes! Mathfest broke attendance records, and MAA membership is up for the first time in 11 years!

President Francis Su spoke with the Board of Governors at JMM about three issues: understanding and increasing membership, finding ways to adapt to the digital revolution, and addressing underrepresentation. With regard to membership, Francis observed that junior professors are not attracted to the MAA at the rate we would hope, that membership among mathematics faculty has dropped considerably with approximately 58% of faculty belonging neither to MAA nor to AMS. In particular, informal surveys suggest that many faculty and perhaps especially junior faculty perceive the benefits of MAA as not worth the costs. Francis is advocating for new members-only benefits; some possible suggestions include webinars (professional development for faculty or math club talks for students) or special lectures (such as plenary talks at Mathfest) available behind a membership wall. Francis is also advocating for a return to a reduced rate for junior faculty; the primary reason for this suggestion that our membership structure should reflect our values. If the Association values junior faculty and the financial pressures they face, our membership structure should reflect that.

As the first minority MAA president, Francis has also focused on issues of underrepresented groups; I encourage you to read his article “Mathematical Microaggressions” in the October/November edition of FOCUS. <http://www.maa.org/press/periodicals/maa-focus> (Oct/Nov 2015, page 36)

Jenna Carpenter, a member of our own section, completed her term as First Vice President with this JMM meeting in Seattle. Jenna reported on her work with the proposed statPREP program to help faculty teach a modern course in statistics using real-world data; in addition, she joined the Joint Committee on Women and begins a term as math co-chair in February of this year.

As you may be aware, the Association began a discussion regarding a new governance model in 2012 and this JMM, the Board of Governors approved a motion to create a new governance structure with a nine-member Board of Directors and an Assembly consisting of 29 section representatives, the new Board of Directors, seven council chairs and several members at large (similar to our current Governors at Large). Details will be worked out by a task force to be approved by the current Board of Governors before going to the entire membership for a vote. I’m happy to answer questions about this change. Previously the Board of Governors maintained the fiduciary responsibility for the Association; this will now rest with the Board of Directors. The Assembly (which could be renamed) will approve strategic goals and priorities while the Board of Directors will be responsible for developing and implementing strategic plans.

Jim Daniel, MAA Treasurer, reported that the MAA investments have outperformed our benchmark under the current fund manager; so far as investments are concerned, the MAA is fairly healthy financially. The MAA Budget Committee recommended and the Board of Governors approved that the 2017 dues will remain at the same rate as the 2016 dues.

Michael Pearson, Executive Director of the MAA, noted that the Second Century Campaign is on track to exceed the stated goal. He encouraged us to read the report from the *Common Visions* project and the MAA Notes volume *Insights and Recommendations from the MAA National Study of College Calculus*, both of which are available online.

Linda Braddy, Deputy Executive Director, announced the NSF has founded a project to create an *Instructional Practices Guide* as a companion to the recent CUPM Curriculum Guide. Another NSF-funded project that you may be interested in getting involved with is the *CoMInDS (College Mathematics Instructor Development Source)*; its goal is to create the infrastructure to provide teaching-related professional development for graduate students. Linda left the MAA at the end of January for a vice president position in Texas; Lloyd Douglas has agreed to serve as Interim Director of Programs.

Olga Dixon, Assistant Director of Programs, reported that the MAA currently has 14 federal grants and four privately funded programs with a total budget of approximately \$12.5 million. The PREP grants have expired; it is hoped that this will be reconstituted as the statPREP program mentioned earlier in this report. The MAA received two new NSF grants: *The Role of Calculus in the Transition from High School to College Mathematics* (Bressoud)

(Continued on page 7)



SPRING EXECUTIVE COMMITTEE MEETING MINUTES

MINUTES OF MAA-SE SPRING EXECUTIVE COMMITTEE MEETING
8:30 pm, March 24, 2016
University of Alabama, Birmingham
Catherine Matos, recording

Present: Pat Humphrey, Catherine Matos, Emily Hynds, Alice Pierce, Charlotte Knotts-Zides, Laurie Dishman, Bernie Mullins Jim Gleason, Sarah Raynor, Francis Su, Laurie Heier, Karen Briggs, John Mayer, Kristen Abernathy, Karen O'Hara, Jon Ernstberger, Brian Beasley, Stacy Ernstberger, Kadar Nepal, Curtis Herink.

The meeting began at 8:30 pm. After a brief welcome and introductions, Francis Su, MAA President, made some general remarks about the national MAA and the section.

Reports:

Most of the officer reports had been emailed to the executive committee prior to this meeting. (The reports themselves are available from the Secretary.) These include reports from the Alabama, Tennessee, and Georgia State Directors, the Vice Chair for Two-Year Colleges, Project NExT Directors, the Webmaster, the Treasurer, and the Governor. All of the awards committees reported that they had selected award winners for this year. A few of the officers gave oral reports or elaborated on their submitted reports. The contents of each of these are briefly described below.

Sarah Raynor (Program Vice-Chair) gave an update on the meeting, stating that registration numbers were up a bit from last year and that the undergraduate poster session has doubled in size. This year's meeting has very robust special sessions, which are almost all full. Considering it is Easter weekend, we have good numbers.

John Mayer (Site Host) gave an update on the meeting. They had some technical and size issues with a few rooms, but they were resolved. There were some room changes because of inadequate A/V resources. They have an IT person that will be available, as well as student helped.

Alice Pierce (Vice Chair for 2 Year Colleges) stated that slides about the MAA-SE meeting were included in the presentation from the Southeast Regional Vice-president at the AMATYC meeting in November in New Orleans. She stated that the special session she organized had 10 proposals, so was split into two sessions.

Bernie Mullins (Alabama State Director) stated that they had over 30 people at their state dinner.

Karen Briggs (Georgia State Director) stated that there were over 80 in attendance at the Georgia state luncheon.

Sarah Raynor gave the report for North Carolina State Director Jason Parsley. North Carolina held their state dinner at Elon, and estimated that 40 people were in attendance. She stated that the section could improve our officer transitions a lot, which is important due to the large number of transitions the section has coming up.

Brian Beasley (South Carolina State Director) stated that Francis Marion would be hosting their state dinner on April 1, with Ron Taylor speaking. Emily reminded everyone that the section will provide reimbursement for speakers for state dinners.

Laurie Dishman (Tennessee State Director) stated that their state dinner was scheduled for April 16th, with section Lecturer Chris Raridan speaking.

(Continued on Page 7)

Governor's Report (continued from page 5)

to fund a workshop that brings together math education researchers to discuss the effects of the “rush to calculus” in high school, and *Guide to Evidenced-Based Instructional Practices in Undergraduate Mathematics* (previously mentioned.)

With the addition of an NSA grant to an NSF grant, the MAA will again fund the MAA SUMMA National Research Experiences for Undergraduates. PIC Math (Preparing Students for Business, Industry, and Government) has created a website with material for a faculty member who wants to teach a PIC Math one-semester course; see <http://www.maa.org/pic-math> for more information. The travel grants for undergraduate students to attend national meetings have been renewed for five years.

Last but not least, plan to follow MAA on its various social media feeds, encourage colleagues to join MAA or have their departments join through the new departmental memberships, and make plan to attend Mathfest in August!

Submitted by Charlotte Knotts-Zides, Governor
knottszidesca@wofford.edu

Executive Comm. Minutes (continued from page 6)

Kristen Abernathy (Student Activities Coordinator) reported that there are 44 undergraduate papers scheduled in 8 sessions for the meeting, along with 28 poster papers. She thanked the Jeopardy helpers for their hard work.

Karen O'Hara and Stacy Ernstberger (Project NExT) stated that there were no new Section NExT faculty this year, but they will have new people next year. They asked the committee to encourage people who are hiring new faculty to suggest new hires to apply for Project NExT. Karen is rotating off and Emily Braley from Duke will be coming on to replace her. At this point, Francis Su asked about the situation with HBCUs in the section. A brief discussion ensued. Bernie Mullins suggested charging state directors with reaching out to HBCUs to encourage participation in the MAA-SE. The discussion shifted to encouraging faculty in general to join MAA, as new faculty tend to go to specialized conference. Francis Su suggested increasing the diversity in speakers, and Bernie Mullins suggested adding diversity in organizing sessions.

While Jim Gleason (Webmaster) was not able to be at the meeting, Pat Humphrey shared that he has redesigned the section webpage, since the MAA has provided a better platform.

Kristen Abernathy gave the Newsletter Editor's report, as Jessica Hamm was not able to come to the meeting. Kristen will be acting as the newsletter editor for spring, and gave an April 15th deadline for newsletter submissions.

Emily Hynds (Treasurer) stated that finances had not significantly changed since the fall meeting.

Charlotte Knotts-Zides (Section Governor) addressed the group and shared what she has learned in her first year as Governor. She shared that the Board of Governors is changing, to accommodate the need to respond more quickly. The Board functions as a Board of Trustees for the MAA. They are formalizing the process, moving the Board to be a group that represents the sections to the National MAA. These changes will need to go through the by-laws, since they are changing the nature of the job of the Governors. She reminded the committee about MathFest and that the JMM will be in Atlanta next January. She encouraged colleges to get department memberships, stating that there are different options to accommodate varying departments. Encourage colleges to get department memberships. She stated that the membership is becoming older, and younger members have more opportunities to network via internet and other options. She stated that Francis is looking into ways to be receptive to needs of younger generation, and bring in members. Francis Su encouraged members to look at what the younger generation needs and wants from a professional association. He stated that more than half of math faculty are not members of MAA or AMS. He highlighted Project NExT as an example of a great benefit that has served a lot of people well. A brief discussion among committee members followed. Several suggestions were made, including having proceedings for the meeting, and using the NExT email lists to survey members to determine what they need. Charlotte encouraged nominating people for National MAA committees.

Pat Humphrey (Chair) stated that we have winners for all three section awards, and have nominations for all open positions. There was a communication issue with the Site Selection Committee, but Coastal Carolina is willing to host the meeting in 2018.

Motion: Pat Humphrey moved that a change be made to the policy on State Dinners/Luncheons. This year, the Section Lecturer could not make a state dinner, and neither could the previous year's lecturer. The following proposed change in the wording was made, after a brief discussion: “In the event that neither of the Lecturers is available and the state organizers can document such, if the state has a recent Section Teaching Award winner as

the speaker, then the Section Chair, Governor, and Treasurer shall determine an appropriate honorarium.” The motion was approved unanimously.

Pat Humphrey informed the committee that the section will be up for review of our By-laws next year. Revisions should be finished prior to the 2017 MathFest. Although we recently modified our by-laws to separate the secretary and treasurer positions, this was not a full review. The MAA has a new template for by-laws, so the committee should plan to clean up the existing by-laws and make needed revisions to match the MAA template. This will be an action item for the Fall 2016 Executive Committee meeting so that any new bylaws can be approved at the MAA-SE Meeting in spring 2017 at Mercer.

The Mercer Site Hosts, Kadar and Curtis Herink asked about whether or not a banquet should be planned. Feedback from the committee included that attendance has been down in past years and it is expensive for students.

The meeting adjourned at 9:00 pm.

STATE DIRECTOR ANNOUNCEMENTS

From Bernadette Mullins, State Director of Alabama

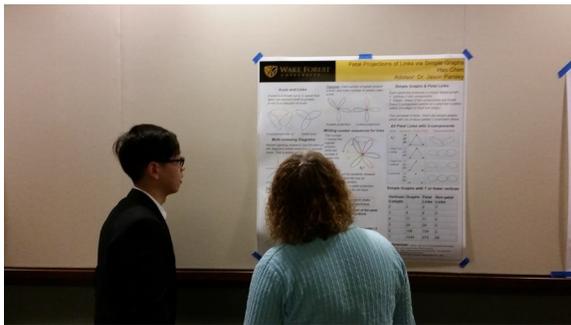
The 2016 MAA Alabama State Dinner was a great success with over 30 people in attendance! It was held on the campus of Auburn University at Montgomery in Montgomery, Alabama on the evening of Friday, February 12, 2016. The keynote speaker was the 2015-2016 MAA Southeastern Section Lecturer, Dr. Christopher Raridan of Clayton State University who spoke about his work with undergraduate research. Dr. Jerome Goddard of AUM did an outstanding job as local organizer. Jim Gleason did a wonderful job with the online registration.

From Karen Briggs, State Director of Georgia

The 2016 Georgia State Luncheon was held on the campus of Georgia Southern University on February 13th in conjunction with the Eagle Undergraduate Mathematics Conference (EUMC). The luncheon speaker was Dr. Ron Taylor, Associate Professor of Mathematics at Berry College and 2013 Recipient of the MAA Southeastern Section's Distinguished Teaching Award. Ron gave a fascinating talk on "Color Addition Across the Spectrum of Mathematics". Students and faculty were able to enjoy his hands-on talk that included colored stones and a lot of audience participation. There were over 80 participants for the luncheon and conference from Georgia and South Carolina. The luncheon and conference would not have been possible without the organizing committee of Martha Abell, Pat Humphrey, Colton Magnant, Z. Magnant, Chasen Smith, David Stone, Masa Uchida, Hua Wang, and Jiehua Zhu.

From Jason Parsley, State Director of North Carolina

The 2015-16 MAA State Dinner for North Carolina was held on October 26, 2015 at Elon University. The keynote speaker was David Kung, professor at St. Mary's College (MD), who is the national Director of Project NExT Director. In addition, the evening featured a student poster session and a talk by Dr. Kristen Mazur, professor at Elon University. Many thanks go to the organizers at Elon, especially Crista Arangala.



The 2016-17 MAA State Dinner for North Carolina will be held at Wake Forest University this fall, date TBA.

From Brian Beasley, State Director of South Carolina

The 2016 South Carolina State Dinner was held on the campus of Francis Marion University on April 1, in conjunction with the FMU Undergraduate Mathematics Conference. After a full schedule of interesting talks and posters from undergraduates, Dr. Ron Taylor from Berry College gave the keynote address. Over 40 people attended his talk, “Color Addition across the Spectrum of Mathematics,” learning more of the mathematical details behind the new game Al-Jabar. The mathematics faculty at Francis Marion did an excellent job coordinating the conference, lecture, and dinner; a special thank-you goes to Dr. Nicole Panza for her leadership in organizing all of these events.



From Laurie Dishman, State Director of Tennessee

The 2015-16 Tennessee State Lunch was held on April 16, 2016, at O’Charley’s restaurant in Lebanon, TN, near Cumberland University. Dr. Christopher Raridan (Clayton State University in Georgia), the 2015-16 Section Lecturer, gave a talk entitled “What Undergraduate Research Means to Me” which was very well received by the 12 attendees. We also discussed how to increase attendance at our state lunch/dinner and hope to pair it with a conference next year.

Lee University, in Cleveland, TN, hosted their Second Annual Regional Undergraduate Conference on February 6, 2016. Dr. Laura Singletary and Dr. Debra Mimbs were the organizers. Six undergraduate students gave talks on their research projects, and an additional group of students participated in the poster session. The keynote speaker was Dr. Heather Russell (“Which graphs are coloring graphs?”).

SECTION MEETING REPORT

March 24-26, 2016

University of Alabama Birmingham

University of Alabama Birmingham hosted our 95th annual meeting this year. Attendance was good for a holiday weekend, with over 400 participants. We also increased the number of presentations from last year. This year we had 165 presentations in total, with 39 of these presentations resulting from special sessions. Thank you to all our presenters!

The meeting kicked off on Thursday, March 24 with Project NExT—SE activities, a treasure hunt for students, and the executive committee meeting. Project NExT-SE fellows and friends spent Thursday afternoon and Friday morning engaged in discussions on neat teaching ideas, advising students for nonacademic careers, and general advice for motivating mathematics for non-STEM majors. Friday morning, Project NExT-SE was treated to a visit by MAA President Francis Su, where he spoke about the direction of the MAA and offered encouragement in promoting mathematics amongst all students. In 2017 we will be selecting a new class of section fellows, so consider nominating your junior faculty to the program.

Minutes from the Executive Committee's meeting can be found on Page 6.

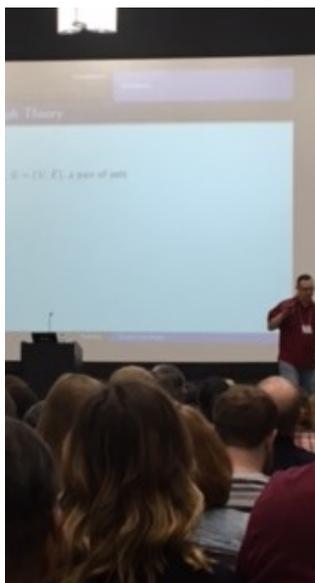
Student activities have become a dominant focus of our meetings, and the UAB meeting was no exception. Starting with the treasure hunt hosted by Julie Barnes, they continued with Jeopardy on Friday morning and other events throughout Friday and Saturday. In addition to undergraduate activities, graduate students had the opportunity to participate in a professional development workshop organized by Kristen Abernathy. See the student activities report beginning on Page 13 for details.

Throughout the meeting, book displays and exhibits were available for browsing on the third floor of the Hill Student Center. A huge thanks goes to our conference sponsors: Hawkes Learning Systems, Cengage, Ted's Restaurant, and UAB.

Friday morning began with workshops, distinguished lectures for students, and preliminary Jeopardy rounds. This year we had four workshops available: *Projects and Case Studies to Promote Quantitative Literacy* (Ryan Fox and Andy Miller, Belmont University), *Using Instructional Tasks in College Algebra and Pre-calculus to Improve Conceptual Understanding* (Stephanie Kolitsch, University of Tennessee Martin, and Holly Anthony, Tennessee Technological University), *Counting Lattice Paths using Fourier Methods* (Shaun Ault and Charles Kicey, Valdosta State University), and *Graduate Student Career Development* (Kristen Abernathy, Winthrop University).

At lunchtime on Friday, Kristen Abernathy organized the Graduate School and Career Fair, where eight schools disseminated information about their graduate programs while students ate lunch. It was well attended and the schools that were there had many successful conversations with potential students. Pizza was served, and an Amazon gift card was given to a student attendee via a raffle.

Our first general session saw the talk "Graph Labelings for Everyone!" by Christopher Raridan, our outgoing Section Lecturer, of Clayton State University. Prof. Raridan introduced us to graceful and harmonious



labelings, and spoke of a selection of the work he has done with undergraduates. This talk was enjoyable and well received by the audience.

Prof. Raridan's talk was followed by our first round of parallel sessions, during which there were six special sessions, four contributed paper sessions, four sessions of undergraduate paper presentations, and a vendor presentation. For the eleventh year in a row, students presenting a paper at our conference were eligible to win the Patterson Prize. One winner was chosen from each session of undergraduate papers.

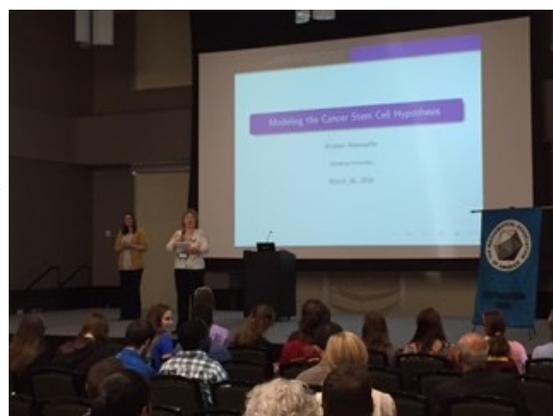
Friday afternoon concluded with our second general session, featuring our MAA President, Francis Su. Prof. Su presented "Voting in Agreeable Societies," where he introduced alternative voting strategies that would allow for a spectrum of choices and discussed how the underlying geometry of such a voting system would lead to more agreement amongst the general population. His talk was dynamic and well-enjoyed by the audience.

During this general session, three major awards were announced. Jeff Clark presented the Section's Distinguished Service Award to Martha Abell of Georgia Southern University. Please read the committee's citation starting at Page 26. Ron Taylor presented the Section's Distinguished Teaching Award to Stephen Robinson of Wake Forest University. Please read the committee's citation starting at Page 28. Finally, Ron Taylor presented the Section's Distinguished Teaching Award for Beginning Faculty to Chad Awtrey of Elon University. Please read the committee's citation starting at Page 31. Each of these awards will be accepting nominations for the 2017 cycle in the fall. Please consider nominating one of your colleagues! Nomination information and forms are available in this newsletter, each following its respective 2016 citation.



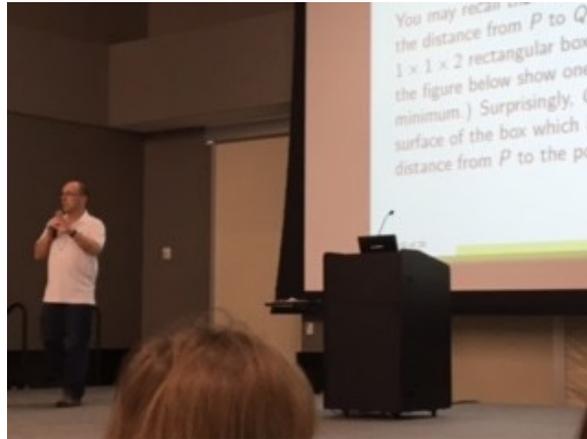
Saturday morning began early, with the section business meeting at 7:50am. Minutes can be found on Page 17. Several new officers were elected: Jeff Clark for Chair-Elect, Hope McIlwain for Vice-Chair for Programs, Wei-Kai Lai for Vice-Chair for Two-Year Colleges, Carolyn Yackel for Section Lecturer, Virginia Watson for Historian, Jim Gleason for Webmaster, Karen O'Hara for Student Activities Coordinator, Emily Braley for Project NExT Co-Director, Jerome Goddard II, Alabama State Director, and Benjamin Wescott, Georgia State Director. The Section thanks the outgoing officers for their service. During the business meeting we were also reminded that the 2017 meeting will be at Mercer University in Macon, GA.

After the business meeting, we had two talks as part of our third general session. The first talk was given by the 2015 Section Beginning Teaching Award recipient Kristen Abernathy of Winthrop University. Prof. Abernathy spoke of her work with undergraduates in modeling the Cancer Stem Cell hypothesis. Her work included an analysis of the differential equations model that illustrated the existence of cancer persistence, recurrence, and cure states depending on treatment levels.



Following Prof. Abernathy, Mo Hendon, the 2015 Distinguished Teaching Award recipient, spoke about some of his favorite problems from the UGA Math Tournament. His masterfully crafted problems stumped audience members and provided entertainment through the simply stated, but intricately designed, problems for this high school math tournament. His talk was dynamic and thoroughly enjoyed by the audience.

The second and final parallel sessions occurred in the latter half of Saturday morning. This included the undergraduate poster session, at which 30 posters were presented and three prizes were awarded. There was also a department chairs' meeting, four more special session, four contributed paper sessions, and four more undergraduate paper sessions. The meeting concluded with Jeopardy finals, where Augusta State took home the championship.



See you next year at Mercer University!

STUDENT ACTIVITIES REPORT

Nearly half of the participants at the MAA-SE Section meeting were students! They spent two and half days engaged both formally and informally with the culture of mathematics. An enormous group of faculty rallied to support a wide range of student activities. Students are the future of our profession, and keep our annual meetings fresh and lively. You can see evidence of all of these in the report. If you have suggestions of ways to make the meeting even more interesting and informative for students, we would love to hear your ideas. Please send your suggestions to the section's new Student Activities Coordinator, Karen O'Hara, at kohara@highpoint.edu.

Math Treasure Hunt

The Math Treasure Hunt is a great way for students to connect with each other and stretch their legs after a long journey to the conference. Julie Barnes continued her successful run as Treasure Hunt Coordinator, once again mixing mystery, mathematics, and madness to create a welcoming evening for our students. She coordinated many volunteers who helped make this event a success for the numerous student participants. This year the coveted, sought-after prize was Diversity Bracelets!

Math Jeopardy

The Math Jeopardy competition was organized this year by Ron Taylor. The question writers were Jeffrey Powell from Sanford University and Brian Wagner from UT Martin. The moderators were Mike Berry from UTK, Brian O'Connor from Tennessee Tech and Timothy Goldberg from Lenior-Rhyne University. Team sponsors contributed questions and served as judges, timekeepers and scorers for the competition.

Twenty-eight teams competed in the preliminary rounds of math jeopardy. The winning team in each preliminary round plus the next highest scoring teams went on to compete in three concurrent semifinal rounds.

The winning team in each semifinal round, plus the next highest scoring team advanced to the final round of Math Jeopardy, moderated by Mike Berry in front of a large crowd in the plenary lecture hall. Finalist were Austin Peay University, University of South Carolina, Berry College and Augusta State University.

Augusta State University's correct response to the Final Jeopardy secured their spot as 2016 MAA-SE Math Jeopardy Champions. Team members from the "final four" and sponsors are shown above.



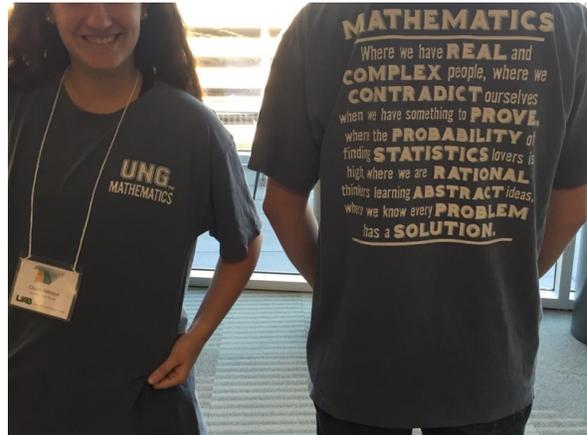
Math T-Shirt Competition:

Entries in the seventh annual math T-Shirt contest included a variety of witty and mathematically-motivating designs. In the end, the championship went to University of North Georgia for their inspirational saying. Their winning t-shirt design is shown below. We look forward to seeing many more amazing T-shirt designs next year, as this competition for bragging rights continues to grow.

Graduate School and Career Fair,

The Graduate School and Career Fair featured representatives from eight graduate programs in the region: Clemson University, Georgia Southern University, University of Georgia, Savannah State University, Tennessee Tech University, University of Tennessee, Wake Forest University and University of Alabama Birmingham.

In addition to free pizza and networking opportunities for all students, the event features a raffle for an Amazon gift card. Students who made visits to at least five tables at the fair were eligible to enter the raffle. One entrant was chosen at random during a plenary session.



Student Presentations and Posters

Mathematical research is the heart of any section meeting, and the students are no exception to this rule. This year forty-three undergraduates and ten graduate students gave talks, and thirty undergraduates presented posters. This section is grateful for the many volunteers who helped organize, moderate and judge the talks and posters. Special thanks go to Chris Raridon for organizing the poster session. In the



eleventh annual awarding of the Walt and Susan Patterson Prize for outstanding undergraduate research, the following eight oral presentations and three posters were recognized.

Oral Presentations:

Caleb Macdonald, UNC Asheville: *Fermat and Descartes: An Unlikely Collaboration*.

Sarah Locke, University of Tennessee at Martin: *The Radio Number of SK_n Box P S* .

C. Matthew Farmer, Winthrop University: *Triangles in Cayley Graphs*.

Erez Kaminski, Birmingham Southern College: *Optimizing Power and Efficiency of a Model Heat Engine*.

Stephen Steward, Winthrop University: *Modeling the Dynamics of Glioblastoma Multiforme and Cancer Stem Cells*.

Nathan McAnally, The Citadel: *A Series of Four Sums of a Fibonacci Number to the Fourth Power*.

Jiarui Chu, Davidson College: *Random Visibility in Unit Bars*.

Posters:

John Mastroberti, Coastal Carolina University: *Differential Geometry in General Relativity*.

Bethany Molokach, Western Carolina University: *Extending Five Spirals to Fullerenes*.

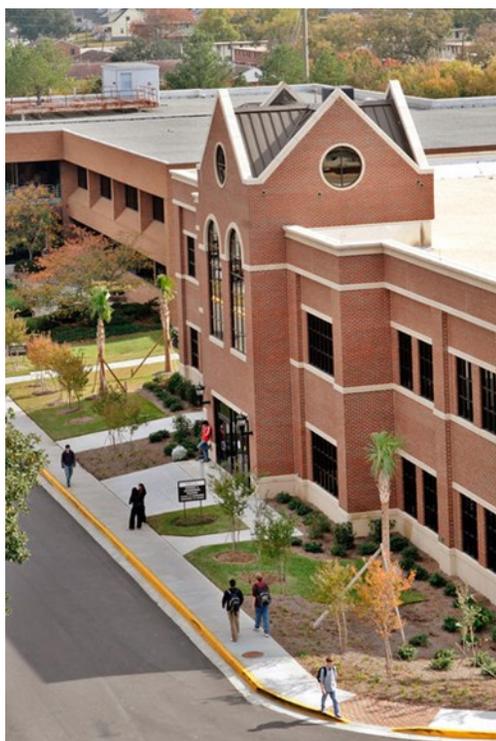
Carter Smith, Berry College: *Separable Equivalence*.

Graduate Student Career Development Workshop:

The conference included a special professional development workshop for graduate students. Organizer Kristen Abernathy of Winthrop University ran a workshop on Friday morning which included advice on career options, graduate school, networking tips, and sample job application materials. In the afternoon participants presented their work in a special session where panelists provided constructive feedback to help strengthen the participants' communication skills. This event was a real hit, and we hope it continues and grows in the coming years. Please encourage your graduate students to participate!

Join us next year at Mercer University Macon, GA March 10-11, 2017

The Mathematics Department in the College of Liberal Arts of Mercer University will host the 2017 annual meeting of the Southeastern Section of the Mathematical Association of America, March 10-11, 2017, during Mercer's spring break. Most meeting rooms will be in the Science and Engineering Building (pictured) and the adjacent Engineering Building (visible in the background). Blocks of rooms will be reserved at several hotels/motels in Macon, including two on the edge of Mercer's campus. Several campus parking lots will be available for your use. Mercer University is easily accessible from Interstate 75. Everyone is invited!



MERCER
UNIVERSITY

COLLEGE OF LIBERAL ARTS



ANNUAL SECTION BUSINESS MEETING

MINUTES OF MAA-SE SPRING BUSINESS MEETING

7:58 am, March 26, 2016

University of Alabama, Birmingham

Pat Humphrey, Section Chair, called the meeting to order at 7:58 am.

The meeting opened with introductions.

John Ernstberger encouraged members to use the MAASE16 tag on social media.

Emily Hynds, Treasurer, gave a section financial update. Copies of the financial report are available upon request. She stated that the section is in good shape financially. John Mayer added that, with at least 400 registered for the meeting, the section meeting would at least break even.

Catherine Matos then proposed a series of resolutions which thanked the many people who helped to make this meeting possible. The resolutions passed unanimously.

Pat Humphrey, presented the following slate of nominees for offices. The slate was accepted unanimously.

<u>Office:</u>	<u>Nominee</u>
Chair Elect:	Jeff Clark, Elon University
Vice Chair for Programs:	Hope McIlwain, Mercer University
Vice Chair for Two Year Colleges:	Wei-Kai Lai, University of South Carolina Salkehatchie
Section Lecturer:	Carolyn Yackel, Mercer University
Historian:	Virginia Watson, Kennesaw State University
Webmaster:	Jim Gleason, University of Alabama
Student Activities Coordinator:	Karen O’Hara, High Point University
Director of Project NEXT-SE:	Emily Braley, Duke University
State Director (Alabama):	Jerome Goddard, Auburn University
State Director (Georgia):	Benjamin Wescoatt, Valdosta State University

All other officers continue see: [http://sections.maa.org/southeastern/?
Section Information Section Officers and Committees](http://sections.maa.org/southeastern/?Section+Information+Section+Officers+and+Committees)

Charlotte Knotts-Zides then presented the Governor’s report. Charlotte asked those in attendance to encourage colleagues to join the MAA. She asked for suggestions about how to encourage more faculty to join. She brought up the department memberships that the MAA offers. The Board of Governors determined that membership dues will remain the same in 2017. Charlotte let members know that the Board of Governors is changing and becoming more of an advisory board. A smaller group will be created to deal day-to-day decisions. This change will take place in about a year and a half and will require a change to the by-laws of the MAA.

Francis Su, President of the MAA, then spoke for a few minutes. He stated that, after declining over the past 10 years, membership in the MAA appears to be stabilizing. If you include the 6000 new undergraduate students, membership has grown. Su asked faculty to consider how the internet can be used to drive new ways of engagement, and to whether the organization should make more opportunities available online, such as webinars. He encouraged members to speak up if any ideas resonated with them. He reiterated the changes in governance that are coming, stating that best practices across associations show governing boards consisting of 7-10 people. In contrast, the MAA's Board of Governor's is about 50 people. This wastes a lot of governors' time and prevents them from focusing on the big issues as much. He stated that the MAA is looking to staff national committees in the next few weeks, and asked faculty to nominate people to serve. This is a good way to get junior faculty and colleagues involved in the MAA. There was a brief discussion about the Liaison Program and how to keep the liaison list up to date.

Pat Humphrey stated that no site has been selected yet for the 2018 meeting, but Coastal Carolina University has expressed interest.

Pat Humphrey then shared that the Section is due for a review of our by-laws in the coming year. The Executive Committee will be looking at revisions and needed changes. The revised by-laws will be sent out to section members at least a month before they will be voted on at the MAA-SE meeting at Mercer in 2017, and then they will be considered by the Board at MathFest 2017.

The meeting wrapped up with Curtis Herink speaking briefly about next year's meeting at Mercer University.

The meeting adjourned at 8:37 am.



MAA SOUTHEASTERN SECTION

The Southeastern Section of the Mathematical Association of America expresses warm appreciation to the faculty and staff of the Department of Mathematics at the University of Alabama Birmingham, and to the administration of the University of Alabama Birmingham, for providing excellent facilities for the 95th annual meeting. We have been the beneficiaries of their hard work, extraordinary efforts, gracious hospitality and helpfulness in attention to many details that such a meeting involves. We mention in particular the contributions of the following individuals:

Organizing Committee:

John Mayer, Chair (University of Alabama, Birmingham)

Thanks also go to the Mathematics Department senior administrative associate, Cheryl Logan, and the over 30 students and faculty of UAB Mathematics, students and faculty of UABTeach, and faculty of Birmingham-Southern College, Samford University, and Miles College, all in Birmingham, who helped at various times with the meeting.

Thanks go to the UAB Hill Student Center and the College of Arts and Sciences for letting us use their buildings.

Math Jeopardy Game

Brian Wagner (UT Martin), Jeffrey Powell (Samford), Mike Berry (UT Knoxville), Ron Taylor (Berry College), Brian O'Connor (Tennessee Tech), and Timothy Goldberg (Lenoir-Rhyne University)

Math Treasure Hunt

Julie Barnes (Western Carolina University) John Asplund (Dalton State College), Emily Braley (Duke University), Meredith Burr (Clemson University), Suzanne Culbreth (University of Alabama at Birmingham), Timothy Goldberg (Lenoir Rhyne University), Rachel Grotheer (Clemson University), Lauren Keough (Davidson College), Wei-Kai Lai (University of South Carolina at Salkehatchie), Frank Patane (Samford University), Andrew Penland (Western Carolina University), Andrew Penland (Western Carolina University), Lee Raney (University of North Alabama), Laura Steil (Mars Hill University), Breeanne Swart (The Citadel)

Undergraduate Poster Session and Patterson Prize

Christopher Raridan (Clayton State University)

We give a special thank you to all of the volunteer judges.



MAA SOUTHEASTERN SECTION

The Southeastern Section of the MAA expresses warm appreciation to the following companies for their support of the 95th annual meeting:

Cengage
Hawkes Learning Systems
Mathematical Association of America
Pearson
Ted's Restaurant
Wiley
University of Alabama Birmingham

Each of these companies has provided a display and/or financial support.



MAA SOUTHEASTERN SECTION

The Southeastern Section of the MAA expresses its gratitude to the presenters of short courses/workshops at the 95th annual meeting:

Projects and Case Studies to Promote Quantitative Literacy,
Ryan Fox and Andy Miller (Belmont University)

Using Instructional Tasks in College Algebra and Precalculus to Improve Conceptual Understanding, Stephanie Kolitsch (University of Tennessee at Martin) and Holly Anthony (Tennessee Technological University)

Counting Lattice Paths using Fourier Methods, Shaun Ault and Charles Kicey (Valdosta State University)

Graduate Student Career Development, organized by Kristen Abernathy (Winthrop University)

We commend these individuals for their service to the Section through the presentation of these inviting and stimulating courses and workshops.



MAA SOUTHEASTERN SECTION

The Southeastern Section of the MAA acknowledges with genuine appreciation the excellent and faithful leadership and dedicated hard work of those officers completing their terms of service:

Alice Pierce, *Vice Chair for Two Year Colleges*

Sarah Raynor, *Vice Chair for Programs*

Kristen Abernathy, *Student Activities Coordinator*

Virginia Watson, *Historian (continuing)*

Jim Gleason, *Webmaster (continuing)*

Karen O'Hara, *Director of Project NExT-SE*

Bernie Mullins, *Alabama State Director*

Karen Briggs Georgia, *State Director*

Christopher Raridan, *Section Lecturer*

We anticipate with delight and pleasure their continued presence among us, as well as their valuable contributions to the Section in the future.



MAA SOUTHEASTERN SECTION

The Southeastern Section of the MAA expresses its gratitude to the organizers of special sessions at the 95th annual meeting:

Distinguished Lectures for Students

Sarah Raynor (Wake Forest University)

What Hath Fibonacci Wrought?

Brian Beasley (Presbyterian College) and David Stone (Georgia Southern University)

Teaching of Courses in the Frist Two Years of College

Alice Pierce (Georgia Perimeter College)

Best Practices in the Frist and Second Courses of Elementary Statistics

Philip Larson (Greenville Technical College)

Activities for Math Clubs

Meredith Burr (Clemson University)

Presentations by Beginning Faculty

Ron Taylor (Berry College)

Critiqued Presentations by Graduate Students

Kristen Abernathy (Winthrop University)

Advances in the Theory and Applications of Dynamical Systems

Israel Ncube (Alabama A & M and MIT)

We commend these individuals for their service to the Section through the organization of these valuable additions to the program.



MAA SOUTHEASTERN SECTION

The Southeastern Section of the MAA expresses its gratitude to the presenters of special talks at the 95th annual meeting:

Graph Labelings for Everyone!, Christopher Raridan (Clayton State University)

Voting in Agreeable Societies, Francis Su (Harvey Mudd College)

Modeling the Cancer Stem Cell Hypothesis, Kristen Abernathy (Winthrop University)

Some of my Favorite Problems from the UGA Math Tournament, Mo Hendon (University of Georgia)

We commend these individuals for their service to the Section through the presentation of these inviting and stimulating talks.

Mathematics Association of America – Southeastern Section
Distinguished Service Award 2016
Martha Abell



The 2016 Distinguished Service Award of the Southeastern Section of the Mathematical Association of America is awarded to Martha Abell of Georgia Southern University for her many contributions to section, MAA organization and to mathematics in general. Most all in attendance knows Martha in some capacity. She first became involved with our section as the student club advisor in 1992. She joined the executive committee in 1998 as State Director for Georgia. Martha became Secretary-Treasurer of the Section in 2002, Chair-Elect in 2006. She served in this position, as chair, and past chair until 2010. Under her leadership, Georgia Southern hosted the 2007 Southeastern Section meeting. She was elected Governor for the section in 2012. As one nominator wrote “As in all things, the way she carries out the duties of each position demonstrate her good sense, her careful attention to details, her leadership ability and her easy way of getting along with people.”

On the MAA national level, Martha has been a member of the mini-course committee, serving as chair for three years, Basic Library committee, chair of the committee on Teaching Undergraduate Mathematics, member and chair of the Trevor Evans Award committee.

Martha has published over 47 articles and books and has an even more impressive list of presentations and mini-courses at state, regional, national and international conferences. She has successfully written 29 grants. Martha was the recipient of Georgia Southern University’s Award for Excellence in Scholarship and Creative Activity. Her books represent the leading edge of the mathematical community’s efforts to incorporate technology into the teaching of calculus, differential equations and statistics. She is a member of 8 professional organizations and 10 honor societies. She accomplished all of this while methodically moving up the academic ladder at Georgia Southern, from assistant professor to professor to chair of Mathematics to Dean of College of Mathematics and Science. As one nominator wrote “Martha has outstanding people skills – she works positively with people, she values the many different types of contributions which different faculty make, she is easy to talk with and willing to discuss issues and hear all sides.” We are privileged to honor Martha for the excellent service she has contributed to our section over the last many years. Please join me in congratulating Martha!

CALL FOR NOMINATIONS FOR THE 2017 SOUTHEASTERN SECTION DISTINGUISHED SERVICE AWARD

The Southeastern Section of the MAA is delighted to present a Distinguished Service Award at its annual Spring Meeting each year. Any member of the Section who is an outstanding contributor to our Section is eligible for nomination. The person selected for 2017 will be honored at our Section's Meeting, to be held March 10-11, 2017, at Mercer University, Atlanta, GA.

The Section Distinguished Service Award Committee encourages members of the Section to nominate deserving persons for this award. Please send your nomination(s), along with the nominees' vitae and other supporting materials/letters, all as electronic documents, to Ellen Kirkman, Committee Chair, kirkman@wfu.edu. We ask that you make every effort to gather these materials without the nominee's knowledge, as it is the Section's tradition to surprise the awardee with the award at the Section meeting. Previous nominations of candidates who were not awardees may be carried forward for consideration for the 2017 award if the nominator so notifies Ellen Kirkman by the submission date. Contact Ellen Kirkman regarding any questions about the process or nominating materials.

NOMINATIONS FOR 2017 AWARD ARE DUE BY 15 NOVEMBER 2016

The Section Award was made in even numbered years from 1990 to 1996 and annually since that time. The following is a list of recipients:

April 1990 Trevor Evans, Emory University
 April 1992 Billy F. Bryant, Vanderbilt University
 April 1994 James G. Ware, Univ. of Tenn., Chattanooga
 April 1996 Marcellus Waddill, Wake Forest University
 March 1997 John Kenelly, Clemson University
 March 1998 David Stone, Georgia Southern University
 March 1999 M. F. Neff, Emory University
 March 2000 Tina Straley, MAA Executive Director
 March 2001 Charles Cleaver, The Citadel
 March 2002 Sharon Cutler Ross, Georgia Perimeter College
 March 2003 Sylvia Trimble Bozeman, Spelman College
 March 2004 Theresa E. Early, Appalachian State University
 March 2005 Hugh Haynesworth, College of Charleston
 March 2006 Stephen Davis, Davidson College
 March 2007 Joel Brawley, Clemson University
 March 2008 Benjamin G. Klein, Davidson College
 March 2009 Walter M. Patterson, III, Lander University
 March 2010 Ray E. Collings, Georgia Perimeter College
 March 2011 Ellen Kirkman, Wake Forest University
 March 2012 Charlotte Knotts-Zides, Winthrop University Wofford College
 March 2013 Jim Vandergriff, Austin Peay State University
 March 2014 John C. Mayer, University of Alabama, Birmingham
 March 2015 Jeff Clark, Elon College
 March 2016 Martha Abell, Georgia Southern University

2016 MAA SOUTHEASTERN SECTION DISTINGUISHED TEACHING AWARD GOES TO STEPHEN ROBINSON



Ron Taylor made the following remarks as he presented the award on March 25, 2016 at the section MAA meeting at University of Alabama Birmingham.

The 2016 recipient of the MAA Southeastern Section Award for Distinguished Teaching by a College or University Mathematics Faculty Member has been described by departmental colleagues and students as follows:

The honoree's colleagues describe... our recipient as an active teacher-scholar who exemplifies everything that the mathematical community prizes in university faculty.

They also describe... his breadth of student engagement through working with students on 16 undergraduate research projects and nine masters theses, many of which have led to publications.

Colleagues commend this person's... willingness to forego a teaching release in order to make sure colleagues did not have to teach overloads.

One colleague described our winner's teaching as... student-centered, goal-driven and using writing-to-learn, collaborative learning and inquiry-based learning.

Students describe our honoree as... demanding yet popular with a classroom atmosphere that is challenging and interesting.

One student describes our winner's classroom as... a place where no question goes without further exploration.

...finally...

A colleague expressed... his relief "(our recipient) was not up for it (the Distinguished Teaching Award) when I won it, as even I would have voted for him ahead of me."

Please join me in congratulating the recipient of the 2016 MAA Southeastern Section Award for Distinguished Teaching—Dr. Steve Robinson of Wake Forest University.

CALL FOR NOMINATIONS: THE 2017 SOUTHEASTERN SECTION DISTINGUISHED TEACHING AWARD

Nominations for the 2017 Southeastern Section Award for Distinguished College or University Teaching of Mathematics are now being accepted. The Southeastern Section selection committee will choose the winner of this award from the pool of nominees in two stages. From the initial applicants, the committee will choose a group of finalists. Nominators of finalists will be contacted for more detailed information about the candidate's teaching. The winner will be honored at the Spring 2017 meeting of the Section at Mercer University in Atlanta, GA.

A nomination form is attached. Each member of the Section is encouraged to consider submitting a nomination to **Ron Taylor** (rtaylor@berry.edu), chair of the selection committee. Please submit a nomination form by **December 1, 2016**. The selection committee will contact nominators of finalists to solicit a complete packet.

Previous Teaching Award Recipients:

The section has presented the Award for Distinguished College or University Teaching of Mathematics each year since 1992. Past recipients are:

- 1992 Anne Hudson, Armstrong State University
- 1993 Robert Bryant, Duke University
- 1994 John Neff, Georgia Institute of Technology
- 1995 Sylvia Bozeman, Spelman College
- 1996 Carl Pomerance, University of Georgia
- 1997 Harold Reiter, Univ. of North Carolina at Charlotte
- 1998 Ben Klein, Davidson College
- 1999 Joel Brawley, Clemson University
- 2000 Theodore Shifrin, University of Georgia
- 2001 Johnny Henderson, Auburn University
- 2002 Ronald Harshbarger, University of South Carolina, Beaufort
- 2003 Sue E. Goodman, University of North Carolina, Chapel Hill
- 2004 Jeff R. Knisley, East Tennessee State University
- 2005 David Stone, Georgia Southern University
- 2006 William "Mac" Priestly, the University of the South
- 2007 David Sumner, University of South Carolina, Columbia
- 2008 Ronald Gould, Emory University
- 2009 Hugh Howards, Wake Forest University
- 2010 Martin Jones, University of Charleston
- 2011 Barry Spieler, Birmingham-Southern College
- 2012 Sam Kaplan, University of North Carolina at Asheville
- 2013 Ron Taylor, Berry College
- 2014 No award given
- 2015 Maurice Hendon, University of Georgia
- 2016 Stephen Robinson, Wake Forest University

Award for Distinguished College or University Teaching of Mathematics
Nomination Form

Please type.

Nominee's Name (first name first): _____

College or University Affiliation: _____

College or University Address: _____

City: State: ZIP: _____

Nominee's number of years teaching experience in a mathematical science: _____

Has the nominee taught at least half time in a mathematical science during the current academic year or during the previous year if on approved leave or sabbatical? _____

In the space below, please describe briefly the unusual personal and professional qualities of the nominee that contribute to his or her extraordinary teaching success.

Name of nominator (first name first): _____

Address of nominator: _____

Telephone: _____ Email: _____

Nominator's Signature: _____ Date: _____

Send to: Dr. Ron Taylor, (rtaylor@berry.edu) 706-290-2677
Berry College Department of Math and Computer Science Campus Box 5014 Mount Berry, GA 30149
We're willing to help! If you would like assistance, please contact Dr. Taylor before December 1.

2016 MAA SOUTHEASTERN SECTION AWARD FOR DISTINGUISHED TEACHING BY A BEGINNING COLLEGE OR UNIVERSITY MATHEMATICS FACULTY MEMBER GOES TO CHAD AWTREY



Ron Taylor made the following remarks as he presented the award on March 25, 2016 at the section MAA meeting at University of Alabama Birmingham.

The 2016 recipient of the MAA Southeastern Section Award for Distinguished Teaching by a Beginning College or University Mathematics Faculty Member has been described by colleagues and students as follows:

The honoree's colleagues describe... a compassionate, dedicated, effective and enthusiastic teacher.

They also describe... a dedicated and successful teacher/mentor and one who passionately serves undergraduate students outside his classroom in myriad ways.

A colleague describes our winner's teaching as... thoughtful and intentional, in his efforts to ensure that students are making progress.

Students describe our honoree as... passionate and enthusiastic about mathematics with an ability to build strong relationships with students.

One student describes... a professor whose enthusiasm is contagious.

Another student praised our winner's... ability to form mentoring relationships with his students.

...finally...

A member of the mathematical community describes our winner as... one of the top mathematics undergraduate research mentors, in the nation, among his pre-tenure peers, because of his mentoring of 12 different undergraduate students on 26 different research projects.

Please join me in congratulating the recipient of the 2016 MAA Southeastern Section Award for Distinguished Teaching by a Beginning College or University Mathematics Faculty Member— Dr. Chad Awtrey of Elon University.



CALL FOR NOMINATIONS FOR THE MAA-SE AWARD FOR DISTINGUISHED TEACHING BY A BEGINNING COLLEGE OR UNIVERSITY MATHEMATICS FACULTY MEMBER

COMPLETE NOMINATION PROCESS

Brief Description: The MAA Southeastern Section (MAASE) established this award to honor beginning college or university faculty whose teaching in the Section has been extraordinarily successful and whose effectiveness in teaching undergraduate mathematics is shown to have influence beyond their own classrooms. An awardee must have taught full time in a mathematical science in the Southeastern Section for at least two years, but not more than a total of seven years in any collegiate institution. Each year at most one college or university teacher is to be honored with this MAASE section award. Nominations for the award may be made by any member of the MAASE section.

A complete nomination packet should consist of a nomination form, a narrative, additional documentation, and letters of recommendation as described below. Please mail, fax or email the completed packet to arrive by Saturday, December 31, 2016 to:

Ron Taylor
Department of Mathematics & Computer Science
Berry College
Mount Berry, GA 30149

Questions may be directed to Ron at rtaylor@berry.edu or at 706-290-2677.

Eligibility and Guidelines for Nomination

Eligibility

Teaching is intended to include classroom instruction as well as activities outside the classroom, such as working with student groups, preparing students for mathematical competitions, directing undergraduate students in research in mathematics, directing students in the preparation of honors theses, preparing teaching materials used by others, etc.

Nominees must:

- Hold the terminal degree required by SACS to be a full time faculty member in a collegiate institution,
- Be college or university teachers currently in the MAA-SE who have taught full time in a mathematical science in the Southeastern Section for at least two years, but not more than a total of seven years in any collegiate institution (In determining eligibility, we do not count time spent in a postdoctoral position where nearly all the nominee's time was spent on research, and the nominee did very little or no teaching (e. g. three semester courses a year or less).), and
- Hold membership in the Mathematical Association of America

Guidelines for nomination

Nominees for the award may be made by any member of the MAA-SE section.

Nominees should:

- Be recognized as extraordinarily successful in their teaching
- Have effectiveness in teaching undergraduate mathematics that can be documented
- Have had influence in their teaching beyond their own classrooms



A nomination for this award should consist only of the materials requested below, and should not include any other materials, such as curricula vitae or other items. Please prepare all nomination materials on one side only of 8.5 by 11 inch paper, with a type size no smaller than 12 points (pica).

Nomination Packet:

Nomination Form

A completed **Nomination Form** is the first part of the packet. Please see Page 35 of this newsletter for the nomination form.

Narrative

Please describe the nominee's extraordinary success in teaching by providing a narrative of the nominee's background, experience, teaching style, special contributions, other teaching awards, and any additional evidence of the nominee's unusual achievement in teaching. Note especially effectiveness in teaching undergraduate mathematics and influence beyond the nominee's own classrooms. The narrative should not exceed five double-spaced pages.

Additional Documentation

Please submit no more than three pages of further evidence to document the nominee's extraordinary teaching success. This documentation will vary greatly from institution to institution, but may include summaries of peer or student evaluations, comments on teaching, possible increases in numbers of majors in mathematics (with clear evidence of the nominee's substantial responsibility for them), possible student success in mathematics competitions (with clear evidence of the nominee's substantial responsibility for them), success in research in mathematics conducted by undergraduate students under the direction of the nominee, production of superior quality honors theses by undergraduate students under the direction of the nominee, development of curricular materials successfully used by colleagues, adoption of the nominee's teaching methods or techniques by experienced colleagues, service as a respected adviser for a student group, etc.

Nominators should bear in mind that the selection committee might view a nomination more positively if it is accompanied not just by carefully chosen testimonials from a few selected students and faculty, but also by reports, comments and criticism which is representative of the whole spectrum of opinion among students and faculty on the nominee's teaching.

Letters of Recommendation

Please include no more than five letters of recommendation, as follows:

- Two letters from the nominee's present or former students.
- Two letters from the nominee's colleagues (one of whom could be the department chair).

One additional letter from any one qualified to comment on the nominee's extraordinary teaching success.



MAASE Award for Distinguished Teaching by a Beginning College or University Mathematics Faculty Member

NOMINATION FORM
To be submitted by December 31, 2016

PLEASE TYPE

Nominee's Name (First name first):	
College or University Affiliation:	
College or University Address:	
Nominee's email address:	
Is the nominee a current member of the Mathematical Association of America? (only members of the MAA are eligible for the Award)	Year joined _____
Nominee's number of years teaching experience in a mathematical science (at least two years, not more than seven)	Number _____ Year _____ to Year _____
Graduate Degree earned in mathematical sciences:	Degree _____ Area of Specialty _____
List the years and where the nominee taught full time in a mathematical science in the Southeastern Section (at least two needed)	Years _____ Location _____

Please describe on no more than one page of 12 point type, double-spaced, the unusual personal and professional qualities of the nominee that contribute to his or her extraordinary teaching success, and attach.

Name of nominator (First name first):	
Address:	
Telephone:	
Email address:	
Signature:	
Date:	/ / /

SOUTHEASTERN SECTION OFFICERS 2016-2017

Chair:	Pat Humphrey (Georgia Southern University) phumphre@georgiasouthern.edu
Chair-Elect:	Jeff Clark (Elon University) clarkj@elon.edu
Vice-Chair For Two-Year Colleges:	Wei-Kai Lai (USC Salkehatchie) laiw@mailbox.sc.edu
Secretary:	Catherine Matos (Clayton State University) catherinematos@clayton.edu
Treasurer:	Emily Hynds (Samford University) eahynds@samford.edu
Section Governor:	Charlotte Knotts-Zides (Wofford College) knottszidesca@wofford.edu
Section Lecturer:	Carolyn Yackel (Mercer University) yackel_ca@mercer.edu
Newsletter Editor:	Jessie Hamm (Winthrop University) hammj@winthrop.edu
Program Chair:	Hope McIlwain (Mercer University) mcilwain_mh@mercer.edu
Student Activities Coordinator:	Karen O'Hara (High Point University) kohara@highpoint.edu
Beginning Faculty Coordinator:	Ron Taylor (Berry College) rtaylor@berry.edu
State Director of Alabama:	Jerome Goddard II (Auburn University Montgomery) jgoddard@aum.edu
State Director of Georgia:	Benjamin Wescoatt (Valdosta State University) bmwescoatt@valdosta.edu
State Director of North Carolina:	Jason Parsley (Wake Forest University) parslerj@wfu.edu
State Director of South Carolina:	Brian Beasley (Presbyterian College) bbeasley@presby.edu
State Director of Tennessee:	Laurie Dishman (Cumberland University) ldishman@cumberland.edu
Webmaster:	Jim Gleason (The University of Alabama) jgleason@as.ua.edu
Historian:	Virginia Watson (Kennesaw State University) vwatson@kennesaw.edu
Directors of Project NeXt-SE:	Jon Ernstberger (LaGrange College), Stacey Ernstberger (LaGrange College), and Emily Braley (Duke University) jernstberger@lagrange.edu , sernstberger@lagrange.edu , and braley@math.duke.edu (respectively)

MAA SOUTHEASTERN SECTION COMMITTEES **2016-2017**

Section Teaching Award:

Ron Taylor
Maurice Hendon
State Directors

Section Service Award:

Ellen Kirkman (Chair)
Ray Collings
Jim Vandergriff
John Mayer
Jeff Clark
Curtis Herink

Site Selection:

Trent Kull
Andrew Hetzel
Russell Herman

Southeastern Section MAA Website

<http://sections.maa.org/southeastern/maase/>