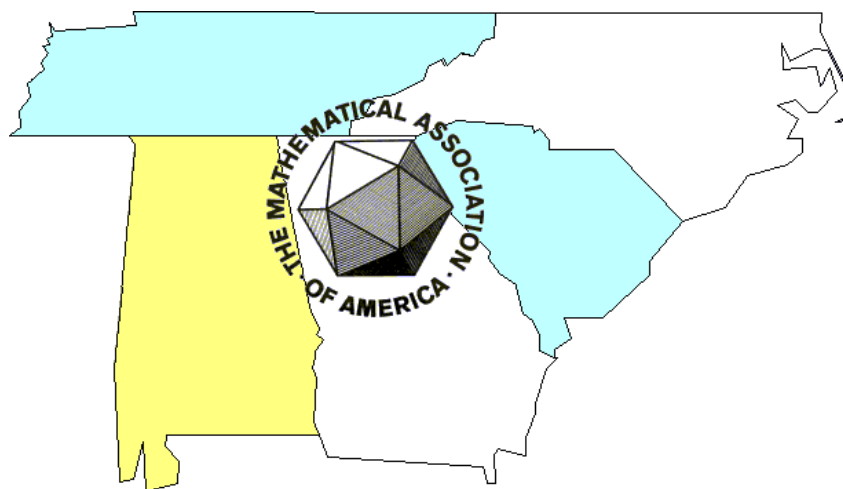


# Southeastern Section Newsletter



*Fall 2009*  
*Volume 28 Number 2*

**IMPORTANT SECTION MEETING INFORMATION**  
**ELON UNIVERSITY, ELON, NC, MARCH 26-27, 2010**

**Call for Papers: Deadline March 1**  
**Meeting Pre-Registration Form: Page 33**  
**Short Course Registration Form: Page 34**

**LOOK INSIDE!**

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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

October 29, 2009	North Carolina State Dinner at UNC Asheville
November 7, 2009	Emory University AWM Undergraduate Math Day
January 13-16, 2010	MAA/AMS Annual Meeting, San Francisco, CA
February 13, 2010	Georgia Southern University 22nd Annual Math Tournament
February 19-20, 2010	23 <sup>rd</sup> Georgia Perimeter College Math Conference, GPCC Clarkston Campus
February 27, 2010	Columbus State University Annual Mathematics Tournament
March 22-23, 2010	Georgia Southern University Distinguished Lecturer: Frank Morgan, Williams College
<b>March 26-27, 2010</b>	<b>Southeastern Section Annual Meeting, Elon University, Elon, NC</b>
August 5-7, 2010	Mathfest, Pittsburgh, PA
January 5-8, 2011	MAA-AMS Annual Meeting, New Orleans, LA
<b>March, 2011</b>	<b>Southeastern Section Annual Meeting, University of Alabama, Tuscaloosa</b>
August 4-6, 2011	Mathfest, Lexington, KY
January 4-7, 2012	MAA-AMS Annual Meeting, Boston, MA
August 2-4, 2012	Mathfest, Madison, WI
January 9-12, 2013	MAA-AMS Annual Meeting, San Diego, CA
January 15-18, 2014	MAA-AMS Annual Meeting, Baltimore, MD
January 10-13, 2015	MAA-AMS Annual Meeting, San Antonio, TX
August 5-8, 2015	Mathfest, Washington, DC
January 6-9, 2016	MAA-AMS Annual Meeting, Seattle, WA
January 4-7, 2017	MAA-AMS Annual Meeting, Atlanta, GA



## FROM THE CHAIR

I attended MathFest during the first week of August in beautiful Portland, Oregon. Herein is a brief report of the section officers' meeting, but I will also say a few things about other sessions and events there.

Rick Gillman, a member of the MAA Working Group on Sections (which was formed in the fall of 2007) moderated the meeting. He began with a brief summary of the report of that group that was handed out to all present. Included in the introduction of that report is the mission statement for MAA sections developed by the group; see the section governor's column for that mission statement. After discussing the mission statement a number of recommendations by the group were discussed in small break-out sessions. Examples of the recommendations: increase the frequency of the Polya lecturers; the MAA should host section websites and provide section webmasters with the ability to post and delete material. The break-out groups each reported their ideas, and there was a lively and productive discussion. I expect we will be hearing more in the coming months of the various recommendations that will actually be implemented.

I also had a chance to take advantage of many of the interesting features of the MathFest program. I heard several of the invited addresses, all of which were excellent and very well attended. I particularly enjoyed the Alder Award session, in which outstanding new faculty members are recognized. Each of the Alder Awardees also gave talks that focused on his/her philosophy of teaching and the methods used that have made them so effective.

The MAA-SE Section Executive Committee met in September at Clayton State University. The meeting was graciously hosted by Lila Roberts (GA State Director) and Queen Harris (Vice Chair for Two Year Colleges). You will find the minutes of that meeting elsewhere in this newsletter. I want to take the opportunity to highlight a few features of that meeting.

We discussed the national mission statement (see the column by the section governor) for MAA sections, and how we might incorporate it into the section culture. It was pointed out that the MAA-SE might want to consider formulating its own mission statement that would support the national statement. This will be a topic for discussion during the upcoming Elon meeting and, perhaps, an ad-hoc committee will be appointed to draft a statement for the section.

After the spring meeting at Elon, Jim Beuerle of Elon will assume the duties of section webmaster. I want to take this opportunity to express thanks, on behalf of the section, to Jeff Clark for the excellent job he has done in updating and maintaining our website.

We spent most of the time discussing the annual meeting that will take place at Elon University, March 26, 27, 2010. Jim Beuerle is also heading up the local arrangements for the meeting. He gave an excellent presentation to the committee. We saw many pictures of the beautiful Elon campus and the specific spaces Jim and his coworkers have reserved for our meeting there. I believe we can expect a very exciting and productive meeting this spring at Elon!

Elsewhere in this newsletter you will find a section, written by the program chair, Jim Vandergriff, concerning the program of the meeting. We will be able to hear some excellent talks by our invited speakers: Betty Mayfield of Hood College (First Vice-President of the MAA), Ron Gould of Emory University (2009-2010 Section Lecturer), and Hugh Howards of Wake Forest University (2009 Section Teacher of the Year). As an introduction to the talk by Howards, we will also hear from Patrick Bahls of UNC Asheville (2009 MAA-SE Young Faculty Distinguished Teaching Award Winner). We have some very stimulating short courses in the program as well as a workshop on grant writing to be given by Tina Straley, Executive Director of the MAA. Please see the program section in this newsletter for some of the other exciting events planned for our annual meeting.

(Continued on page 7)



## FROM THE GOVERNOR

I attended my first Board of Governors meeting during MathFest in Portland in early August. We had a day of orientation for the new Governors, followed by a full day of a packed agenda for the regular Board of Governors meeting.

On the financial side, the Budget Committee Report noted the good news of declining operating deficits. The actual operating deficit for 2008 came in at \$248,713, about \$65,000 less than forecast due to concerted efforts by the MAA staff to lower costs during a deteriorating economy. One example of such efforts was to hold the 2009 election via electronic means, cutting mail and counting costs. (The membership seems to have adjusted well to this change---only six paper ballots were requested.) Despite continued cost saving efforts of the staff, anticipated declines in revenue (e.g., from advertising and sponsors) caused the committee to revise the 2009 operating budget deficit upward to \$225,779. The proposed 2010 budget has a projected deficit of \$37,559, bringing us close to the "break even" point. Budget information and details on the overall financial position of the Association are on the MAA website on the Treasurer's page in the Members Only section.

Starting in 2005, the MAA began a process of continuous strategic planning. This process involves "cycles" in which Strategic Planning Working Groups are appointed to address several areas of MAA operations. At MathFest we heard Cycle III progress reports from Working Groups on Meetings and on Periodicals and Communications, and final reports from the Working Groups on Sections and on STEM Issues and the Mathematics Program. These reports are available online.

One element of the report from the Working Group on Sections was the formulation of a "Mission Statement for Sections":

*The sections of the Mathematical Association of America (MAA) will advance the mission of the MAA on a regional level; offer guidance to the MAA as it forms and fulfills its mission; provide professional development and networking activities for section members and mathematics students within geographically accessible locations; and promote discussion and action on issues affecting mathematics teaching, learning, and research in the region. Sections offer their members the opportunity to*

- *participate in an international association at a local level;*
- *attend face-to-face meetings to learn from and network with others who have common interests;*
- *work in a grassroots organization of the MAA;*
- *enjoy talks and programs in their region given by speakers of national and international prominence;*
- *recruit members to the MAA, to the profession and to the mathematical sciences community; and*
- *readily participate in the MAA at the section level, leading, if desired, to participation in the parent organization.*

Another element of the Sections report was the renaming of the program formerly called "National Officers and Others Available as Section Speakers" to "MAA Section Visitor Program." The new name is to emphasize (both to sections and to the visiting representative from the national MAA) that the MAA visitor is more than a speaker on the program, but also an active participant in the section's meeting and a liaison between the section and the MAA Executive Committee. The MAA Section Visitor for the Southeastern Section's spring meeting at Elon College will be MAA First Vice President Betty Mayfield of Hood College.

An item of extensive discussion during the Board of Governor's meeting was a proposal concerning electronic membership to the MAA. By now, you have received your renewal notice for 2010 with an option for membership with electronic delivery of MAA publications. In addition, starting with academic year 2010-2011, all student memberships will go electronic, with undergraduates getting access to FOCUS, the CMJ, Math Magazine, and Math Horizons, and graduate students getting access to FOCUS, the Monthly, the CMJ, and Math Magazine. It was also noted that (not an electronic issue) "institutional" memberships will be renamed "departmental" memberships. These will include print copies of FOCUS, the Monthly, the CMJ, Math Magazine, and Math Horizons,

**(Continued on page 7)**



## **FALL EXECUTIVE COMMITTEE** **MEETING**

September 11-12, 2009  
Clayton State University  
John Harris, recording

Friday, September 11

Present: Bruce Atkinson, Ron Gould, Virginia Watson, John Kenelly, Brian O'Connor, Jennifer Hontz, Jim Beuerle, Jeff Clark, Jim Vandergriff, John Harris, Emily Hynds, Queen Harris, Laurie Heyer, Sarah Raynor, Ron Taylor, Lila Roberts, Mei Chen

The meeting started 7:30 pm.

Minutes from the Spring 2009 executive committee meeting were approved.

Most of the officer reports had been emailed to the executive committee prior to this meeting. (The reports themselves are available from the Secretary/Treasurer.) Several officers highlighted a few items that were contained in their respective reports.

Queen Harris (Vice Chair for Two Year Colleges) asked for suggestions regarding the inclusion of two-year college faculty in the spring meeting. Jim Vandergriff (Program Chair) agreed to include a special session.

John Harris (Secretary-Treasurer) announced that the 2009-10 national Project NExT fellow sponsored by our section is Audrey Malagon (Ph.D., Emory) of Mercer University.

Bruce Atkinson (Chair), for Charlotte Knotts-Zides (Nominations), indicated that the section will need to have nominations this year for Program Chair, Chair Elect, Alabama State Director, and Georgia State Director.

John Kenelly (MAA Treasurer) encouraged committee members to visit the MAA website and take note of the named funds that exist. He suggested giving thought to seeking a funding source for the Section's annual support of a national NExT fellow.

The committee discussed the possibility of sponsoring a national NExT fellow for the 2010-11 academic year (\$2500), and the decision was unanimously in favor of support.

There was a brief discussion regarding the possibility of a Saturday/Sunday spring meeting (rather than Friday/Saturday). There doesn't seem to be much traction to this idea among committee members, and this is also reflected in the post meeting survey that was given after the 2009 meeting.

Jeff Clark (current webmaster) and Jim Beuerle (webmaster-elect) discussed several ideas for the improvement of the website, and they heard suggestions from the group regarding this as well.

Atkinson mentioned the idea of online proceedings of our meetings. He described a model from the Louisiana/Mississippi section. Such a system would have the advantage of providing a publication outlet for those who might be interested. It would also provide nice descriptions of the talks for those who were not able to attend. A major disadvantage, though, is the amount of work that it would take to make such a system a high quality one. It was agreed that a program like this would require a small group of organizers who are invested in this as an idea. A simpler option would be to designate an online space for extended abstracts. Atkinson will continue to investi-

**(Continued on Page 8)**

**Chair's Report (continued from page 4)**

Your help is needed in continuing our efforts to provide outstanding faculty development opportunities for our new faculty in the section as well as educational opportunities for students in the section. To help make a difference, please consider making a donation to the Southeast Section to support the MAA-SE Project NEXt and/or student activities in the Section. (Please send your check to the MAA-SE to John Harris, MAA-SE Secretary-Treasurer, Department of Mathematics, Furman University, Greenville, SC 29613.)

Bruce W. Atkinson  
MAA-SE Chair  
October 20, 2009

**Governor's Report (continued from page 5)**

none of which are intended for library use. (School libraries should subscribe at the library rate.)

There were other reports and topics of discussion at the meeting; see the MAA Secretary's report online for a summary of these, and feel free to contact me with questions.

Finally, let me say that I am truly honored to have been selected as the section's representative to the Board of Governors. It is my good fortune, indeed the Section's, that I am following Ellen Kirkman in this role. This is the second time I have succeeded Ellen in a Section office (a little bit of section trivia!), so I know from experience how well she paves the way for those that follow. I am already indebted to Ellen for her excellent counsel leading up to MathFest, and the Section is indebted to her for these past three years of superb leadership as our Governor.

Stephen Davis  
October 19, 2009

**LOOKING FOR A GREAT  
MATHEMATICS SPEAKER?**

**Invite a Southeastern Section Lecturer to your campus!**

Many think the Section Lecturer only delivers an address at the Annual Meeting of the Section, but this person also visits individual institutions within the Section.

**Ron Gould** is the 2009-2010 Section Lecturer. Contact him at [rg@mathcs.emory.edu](mailto:rg@mathcs.emory.edu).

**Possible Lecture Topics Include:**

- Extremal Numbers Versus Saturation Numbers: The Thrill of Victory and the Agony of Defeat.
- A Look at Cycle Problems in Graph Theory
- Using Forbidden Subgraphs in Graph Theory
- The Mathematical Edge: Some Games Where Math Helps

See the section website <http://www.maa.org/southeastern/> for abstract information.

**Executive Comm. Minutes (continued from page 6)**

gate this as an option.

Atkinson's report included a new "Mission Statement for Sections" --- a product of the MAA's Working Group on Sections. The committee discussed what might be an appropriate place for this statement. Should it be in the Section bylaws? On the webpage? Other places? The committee decided to wait until we have confirmation of official approval of the Statement before deciding on an appropriate place for it. It was also suggested that an ad hoc committee be formed to investigate the development of a sectional mission statement -- one specific to our section. Atkinson will investigate this idea further.

The committee discussed the issue of travel support for NEX-T-SE fellows. It was agreed that a statement of the form "partial travel support is available upon application" would be a wise addition to the NEX-T-SE invitation.

Raynor brought up the topic of newsletter advertising fees. There was an established fee structure when the newsletter was printed, and it was suggested that we establish something for the online newsletter. It was agreed to charge \$100 for commercial/for-profit advertisements, \$50 for position announcements, and \$25 for graduate school advertisements.

The meeting adjourned at 9:50 pm.

Saturday, September 12

Present: Bruce Atkinson, Ron Gould, Virginia Watson, Jim Beuerle, Brian O'Connor, Jeff Clark, Jim Vandergriff, John Harris, Mei Chen, Jennifer Hontz, Emily Hynds, Laurie Heyer, Queen Harris, John Kenelly, Sarah Raynor, Ron Taylor, Lila Roberts

The meeting began at 8:30 am.

The group briefly reviewed the results of the survey given after the 2009 Spring meeting. There was agreement that the survey was helpful, informative, and in general very positive.

Jim Vandergriff covered various parts of his Program Chair report. The committee discussed possible ways to include the winner of the Beginning Faculty Teaching Award more formally in the spring meeting. Possibilities included a banquet talk, an organized special session, or a general session talk. After some discussion, the committee seemed to favor a model in which the

Beginning Faculty winner participates in the general session in which the Experienced Faculty winner speaks. The Beginning Faculty winner would speak for a short time (20 minutes or so) and then introduce the Experienced Faculty winner, who would speak for 45 minutes. This will require a slightly earlier start to the business meeting.

Kenelly suggested that an ad hoc committee look into naming various parts of the program after distinguished members (past or present) of the section.

The current collection of short course proposals was discussed, and several ideas for additional ones were offered.

Atkinson announced that Mark Cawood (the new book-sale czar) has three people in mind for a booksale committee. A suggestion was made that this booksale committee also be in charge of lining up other companies/organizations to have displays.

Jim Beuerle gave a presentation regarding the local arrangements at Elon.

The meeting adjourned at 12:10 pm.



## CALL FOR NOMINATIONS FOR THE 2010 SOUTHEASTERN SECTION DISTINGUISHED SERVICE AWARD

The Southeastern Section presents a Section Distinguished Service Award at the annual spring meeting each year. A member of the Section who has made outstanding contributions at the Section level will be so honored at the 2010 meeting at Elon University.

The Section Distinguished Service Award Committee encourages every member of the Section to submit a nomination to the committee chair for the 2010 award. Please send your nomination including a statement supporting the nomination to Joel Brawley, via surface or email. [Joel Brawley, Chair, MAA Service Award Committee, Department of Mathematical Sciences, Clemson University, Clemson, SC 29634-0975, [brawley@clemson.edu](mailto:brawley@clemson.edu)]

Nominations for the 2009 award may be carried forward for consideration for the 2010 award, if the nominator so desires. If so, a letter which updates the previous nomination is requested from the nominator.

**DEADLINE FOR SUBMISSION: January 1, 2010**

### Previous Service Award Recipients

The Section Distinguished Service Award has been awarded in even-numbered years, beginning in 1990, then annually, since 1997.

April 1990	Trevor Evans, Emory University
April 1992	Bill F. Bryant, Vanderbilt University
April 1994	James G. Ware, University of Tenn. at 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, Lander University

## **STATE DIRECTOR ANNOUNCEMENTS**

### **Georgia State Announcements**

There are a number of activities planned in Georgia at college and university campuses during this academic year. Here are just a few of the announcements coming up in the next few months:

Clayton State University: Plans to host the 4<sup>th</sup> First Lego League Robotics Tournament in December.

Columbus State University: Annual Mathematics Tournament, February 27, 2010.

Emory University: The AWM student chapter is organizing an undergraduate math day (Emory, Spleman, Morehouse, Agnes Scott) on 11/7/09.

Emory University is administering the American Math Competition 10/12B on 2/24/10.

Professor Michelangelo Grigni is organizing a math competition at Fernbank Elementary in Atlanta on 1/18/10.

Georgia Gwinnett College: Will host a Science and Technology "Twitter" event (date TBA in the spring) .

Georgia Perimeter College: Will host the 23<sup>rd</sup> Georgia Perimeter College Math Conference at the Clarkston Campus on February 19-20, 2010.

Georgia Southern University: 22nd Annual Math Tournament - February 13.

Distinguished Lecturer: Frank Morgan, Williams College, March 22- 23.

Kennesaw State University: Kennesaw State University will hold its third annual Mathematics Competition for high school students on October 28.

The 2010 MAA Georgia State Dinner or Luncheon will be held in Spring 2010. Time, date, location and speaker are to be announced.

### **North Carolina State Dinner**

The 2009 MAA State Dinner will be hosted at the University of North Carolina Asheville on October 29 at 5:30pm. Assistant Professor and Associate Department head Dr. Sloan E. Despeaux of Western Carolina University will deliver a talk entitled:

“FIT TO PRINT? REFEREE’S REPORTS OF MATHEMATICS IN NINETEENTH-CENTURY LONDON”

#### Abstract:

The Royal Society represents one of the first British scientific societies to establish a peer review process for papers submitted to its journals. While peer review procedures were initially at best informal, by the 1830s, they became a formal, required gateway for all Royal Society submissions. This talk focuses on the refereeing of mathematical papers submitted to the Society from 1832 to 1902, the years covered in the first fifteen volumes of referee’s reports archived at the Royal Society Library. Besides judging the mathematical content of papers, mathematical referees during this period handled issues of professionalization, politics, and specialization in their discipline.

For more information, or to register, please go to [http://www.unca.edu/math/special\\_projects/MAA\\_Dinner/MAA\\_Dinner\\_Index.asp](http://www.unca.edu/math/special_projects/MAA_Dinner/MAA_Dinner_Index.asp).

### **South Carolina State Report—Past & Upcoming State Dinners**

The 2009 South Carolina State Dinner was hosted by the Mathematics Department of College of Charleston on March 20, 2009. Dr. Deanna Caveny and her colleagues did an excellent job with the dinner and program. The speaker was Dr. Amy Langville of College of Charleston. The title of her presentation was “Mathematics Everywhere”. She talked about many applications of mathematics ranging from Sudoku and flight path planning to Google’s PageRank method and Massey’s method for ranking NCAA sports teams. State Dinner participants were impressed by techniques in linear algebra and optimization behind these applications and also enjoyed very much the play on random surfer performed by Dr. Langville’s student. At the end of the evening, faculty, students and guests at the dinner thanked Dr. Tom Fitzkee of Francis Marion University for his three-year service as the South Carolina State Director.

This year's State Dinner will be hosted by the Department of Mathematics and Statistics of Coastal Carolina University in February, 2010. Dr. Prashant Sangiry and his colleagues are working on the preparation of the event. For details, please visit the department website in November: <http://www.coastal.edu/math/>.

**Tennessee State Report—Past Section Meeting and State Dinner**

As 2009 is congruent to 4 (mod 5), this year's Southeastern Section Meeting (the 88<sup>th</sup> Annual) was held in Tennessee, specifically, on the beautiful campus of Belmont University. Fresh from their hosting of a Presidential Debate the previous fall, the good people at Belmont once again rose to the occasion and put together an excellent program. Great thanks are due to Sarah Ann Stewart and Andy Miller, the local co-organizers, and everyone that helped to make the experience a success. Y'all come back in 2014!

The Tennessee State Dinner was held on Saturday, April 25, 2009 on the campus of Tennessee Tech University in Cookeville. The speaker was Dr. Richard Rhoda, Executive Director of the Tennessee Higher Education Commission, who talked about the financial situation in the State, especially as it pertains to higher education, and the possible restructuring of higher education governance in Tennessee. Eleven people were in attendance, including TTU's President, Robert Bell. There was good discussion, and the assembled throng felt that the presentation was very informative.

## **NEWS FROM SOUTHEASTERN SECTION CAMPUSES**

### **Agnes Scott College (Decatur, GA)**

The mathematics department chaired three of the major faculty committees at Agnes Scott College last year, with Larry Riddle chairing the Reappointment and Promotion Committee, Alan Koch chairing the Faculty Executive Committee, and Jim Wiseman chairing the Academic Standards and Admissions committee. Somehow the college managed to survive the year with three mathematicians in charge.

Jim Wiseman is on sabbatical during the fall 2009 semester to work on his project on "Index systems and rigorous computations for dynamical systems". His sabbatical was well-timed as it also coincided with his marriage in early September to Lori Beth Johnson, a Spanish teacher at Woodward Academy. After last year's national and state elections, Jim, whose mathematical interests also include voting theory, had an op-ed essay published in the Atlanta Journal newspaper about Georgia's "antiquated runoff system."

Larry Riddle gave the professional night talk on at the 2009 Advanced Placement Calculus Reading in Kansas City. He was also re-appointed to another three-year term as department chair. On March 18, 2010, Larry, recipient of the 2009-2010 Gladden Award from the college, will deliver the Joseph R. Gladden Jr. Public Lecture on "Pioneering Women in Mathematics."

Alan Koch had two papers published, including one co-authored with Agnes Scott College student Chuya Guo, class of 2010, on "Bounds for Fibonacci period growth." Alan continues to serve as principal trumpet for the Agnes Scott College Community Orchestra.

This past summer saw the first group of entering Agnes Scott students successfully participate in the college's GEMS ("Generating Excellence in Mathematics and Science") Summer Bridge Program. Myrtle Lewin was involved in the planning for this first summer student group and the conceptual design of the two-credit course on Creative Problem Solving in Mathematics that the thirteen women took as part of the summer residential program. (Submitted by Larry Riddle)

### **Appalachian State University (Boone, NC)**

The Mathematical Sciences Department at Appalachian State University welcomes two new faculty to its staff. Dr. Bill Cook is now an assistant professor here at Appalachian, coming to us from Rutgers University, with interests in Kac-Moody Lie algebra representations and applications (among other things). Dr. Kevin Shirley had been working in the field of actuarial science before joining our department. He will be working with Dr. Trina Palmer to enhance our actuarial science-focused degree. We also congratulate Dr. Vicky Klima, Dr. Joel Sanqui, and Dr. Katie Mawhinney on their promotions to Associate Professor, and Dr. Sarah Greenwald on her promotion to full professor. (Submitted by Katie Mawhinney)

### **Auburn University (Auburn, GA)**

Bill Transue passed away on December 17, 2008. His obituary appeared in the Opelika-Auburn News on Dec. 21, 2008. It can be found at <http://www.legacy.com/obituaries/oanow/obituary-search.aspx?daterange=365&lastname=Transue&countryid=1&stateid=3&affiliateid=1620>.

Phil Zenor retired in July, 2009, after forty years of service in Auburn University.

Grants: Yanzhao Cao: Numerical solutions of time-dependent stochastic partial differential equations, \$138,874; Krystyna Kuperberg: Topological solutions \$116,653; A. J. Meir: Studies in Poromechanics and Electro-Poromechanics \$175,777; Wenxian Shen: Dynamical aspects in nonautonomous and random differential equations and applications \$203,183; Overtoun Jenda, Asheber Abebe: Collaborative Research: Alabama Alliance for Students with Disabilities in STEM \$3,000,000.00. See <http://wireeagle.auburn.edu/news/1176>; W. Gary Martin, Michel Smith, Marilyn Strutchens, Stephen Stuckwisch: The TEAM-Math Teacher Leader Academy for Elementary Mathematics Specialists \$1,499,981.

Pete Johnson received the COSAM Dean's Award for Outstanding Teacher in April, 2009. Chris Rodger received the Auburn University Outreach Award, see [http://www.auburn.edu/outreach/award\\_excellence/2008\\_rodger.pdf](http://www.auburn.edu/outreach/award_excellence/2008_rodger.pdf). Chris Rodger was also the latest MAA Sectional Lecturer, giving the lecture at the Sectional Meeting at Belmont University in March, 2009. T.Y. Tam was selected as an SECAC ALDP fellow for 2009-2010.

Books: Wenxian Shen (with J. Mierczynski), "Spectral Theory for Random and Nonautonomous Parabolic Equations and Applications", Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics,

**CALL FOR NOMINATIONS FOR THE 2010 SOUTHEASTERN  
SECTION AWARD for DISTINGUISHED TEACHING  
by a BEGINNING COLLEGE or UNIVERSITY  
MATHEMATICS FACULTY MEMBER**

At last Spring's meeting we presented the first MAA Southeastern Section Award for Distinguished Teaching by a Beginning College or University Mathematics Faculty Member to Patrick Bahls of UNC Asheville.

In Spring 2010, the Section will present its second "Beginning Faculty" Teaching Award. The Section urges departments or individual faculty to submit a nomination. We have many outstanding young teachers in our Section -- make sure the one you know about is a candidate for this recognition!

The deadline for submission of all nominations materials is Monday, January 11, 2010.

Questions about eligibility or the nominations process may be addressed to the Chair of the Selection Committee, David Stone, at [dstone@georgiasouthern.edu](mailto:dstone@georgiasouthern.edu).

Complete information about the award and the nomination process can be found at <http://frodo.elon.edu/maase/MAASE%20Begin%20Teach%20Award%20Proc.doc> and <http://frodo.elon.edu/maase/MAASE%20Begin%20Teach%20Aw%20Nom%20Form.doc>.

Chapman & Hall/CRC, Boca Raton, FL, 2008. For more information, see [www.auburn.edu/~wexish/monograph.pdf](http://www.auburn.edu/~wexish/monograph.pdf), Yongsheng Han (with D. Deng), Harmonic analysis on spaces of homogeneous type, Lecture Notes in Mathematics, 1966. Springer-Verlag, Berlin, 2009.

The math department at Auburn University held a five day long, three hour a day MathWiz camp to students grades 7-12, 2-5pm, June 1-5. See <http://topo.math.auburn.edu/pub/mathwiz/>. A similar camp will be held in 2010.

The department is initiating a cooperative program with AUST. See <http://www.math.auburn.edu/auaust.htm>. Chris Rodger have an NSF grant to take 2 graduate students with him to Central Australia for each of the next 2 years to work with K-12 teachers and students. T.Y. Tam received Taiwan NSC grant to support his 10 days academic visit in Taiwan.

Pete Johnson gave two invited lectures at the DIMACS Workshop, "Ramsey Theory: Yesterday, Today, and Tomorrow", at Rutgers University, May 27-29. <http://dimacs.rutgers.edu/Workshops/RamseyTheory/program.html>. (Submitted by Tin-Yau Tam)

**Austin Peay State University (Clarksville, TN)**

We are pleased to welcome first year tenure-track instructor, Ellen Smyth, to the department. Ellen received her MS from Tennessee Technological University. She will be primarily serving the department at the university's Fort Campbell Campus.

Congratulations to Andrew Wilson who was promoted to Professor and to Samuel Jator who won the prestigious Richard M. Hawkins award for outstanding contributions to scholarship or creative activity at APSU.

Congratulations to Michael Northington, graduating mathematics major, for winning the prestigious William McClure Drane award for the outstanding graduating student from APSU.

Congratulations to our Putnam team. The three students who participated in the Putnam Competition are Jonathan Fisher, Michael Northington and Emily Stone. As a team, the students scored a ranking of 136, the highest ranking ever scored by a team from APSU. With a score of 31, Fisher was recognized on the list of top participants and ranked approximately 300th out of the 473 students on the list. Fisher is the first student in APSU history to make the list.

Congratulations to our recent statistics graduates. Josh McDonald is pursuing a Ph.D. in statistics at Georgia Tech. Sarah Newman is pursuing a master's degree in statistics at the University of Memphis. Emily Stone is pursuing a master's degree in mathematical finance at NYU's Courant Institute. Michael Northington is pursuing a master's degree in mathematics at Ole Miss. Chris Carroll was accepted to Ohio State for statistics. Anthony Mayo is working on a masters in material science at Fisk University.

Jackie Vogel received a Student Academic Success Initiative grant to take mathematics education students

to the 2009 National Council of Teachers of Mathematics 2009 Nashville Regional Conference. The grant pays for their registration and hotel. Additionally, the grant also covers a conference wrap-up dinner with the students and their mathematics education professors. The conference which features nationally recognized mathematics educators is expected to draw over 3,000 participants. She also received a SASI grant to take 8 students to the NCTM Nashville Regional Conference in November.

Caleb Wherry, computer science major and math minor, was selected for two Undergraduate Research Programs. He spent last Fall at National Aeronautics and Space Administration (NASA) program and last Spring at NASA's California Institute of Technology (Cal Tech) Jet Propulsion Laboratory in Pasadena, Calif. He also attended a workshop at MIT for Quantum Information Science.

We are happy to share that through the awarding of a NSF grant to APSU's Mathematics Department and Physics Department, our mathematics majors and/or physics majors have benefited in scholarship funding of approximately \$90,000 this year.

APSU will host the annual Math 1410/1420 Conference (Tennessee Mathematics for Elementary Education I and II courses) this year in May. The conference was begun in May 2005 at APSU to create a forum for sharing ideas among all of the state's public and private college and university mathematics educators. It is hosted every May at a college or university in Tennessee and is also attended by educators from neighboring states.

APSU was a host site for the Middle Tennessee Region of the 52nd Tennessee Mathematics Teachers Association Annual Mathematics Contest for high school students in April. We will once again be a host site for this contest next April. We also host the annual APSU middle school mathematics contest in April of each year, rewarding and encouraging young students to study mathematics. (Submitted by Jim Vandergriff)

### **Belmont University (Nashville, TN)**

Under the leadership of Andy Miller and Sarah Ann Stewart, Belmont's Department of Mathematics and Computer Science hosted the 88th Annual Meeting of the MAA-SE, March 12-14, 2009. Belmont mathematics majors Amy Valentine and Cat Simpson received the Walt and Susan Patterson Award for their paper presentation entitled "Ugly Curves and the Loewner Equation," which was the result of their work supervised by Belmont faculty member Joan Lind. Overall about a dozen Belmont students returned early from spring break to assist with hosting the conference.

Glenn Acree served as principal investigator for a \$575,000 NSF grant awarded in Spring 2009. The grant primarily funds scholarships for students in the STEM

areas with the intention of attracting women, minorities, first-generation college students and economically disadvantaged students to these disciplines. This project, titled "Pathways to Science, Technology and Mathematics," will involve Belmont faculty working with high schools and industries across Middle Tennessee. Two other department faculty members are also working with the Pathways program during 2009-10, namely Danny Biles as Program Manager and Mike Pinter as Freshmen Cohort Faculty Mentor. Two of the five freshmen in the inaugural group of Pathways Scholars at Belmont are department majors: Johnny Leonardini (Computer Science) and Corey Schmidt (Mathematics).

Sarah Ann Stewart served as the co-director of the 2009 Career Mentoring Workshop held in Norton, MA on July 26-28, 2009. The workshop is funded by a grant from the Tensor Foundation, the United States Military Academy, and Wheaton College in Norton, MA. The three day workshop targets women pursuing a PhD in mathematics and seeks to better prepare these women for the job search and their future careers. The goal is to increase the number of women math PhD's staying in academia. Information sessions and mentoring opportunities formed the majority of the time at the workshop. Additional follow-up will take place at the Joint Meetings in January 2010.

Jim Cook again orchestrated the department's efforts to serve as a host site for the Tennessee Mathematics Teachers Association High School Math Contest in April 2009 for approximately 175 students. Over a dozen Belmont student volunteers joined with Belmont faculty members to administer and grade the exams.

Kay Geving coordinated the development of the Algebra II exam for the Spring 2010 Tennessee Mathematics Teachers Association High School Math Contest; several department faculty members contributed problems for the exam. Keeley White organized the department's Fall Fiesta. The Fiesta is a lunch and information session for all department majors and minors, including folders of key information for majors and minors. Andy Miller is serving as Vice-President for Belmont University's Faculty Senate during 2009-10.

Sharon Crumpton spent the Spring 2009 semester on sabbatical. Among other activities, she did extended research for the History of Mathematics course she teaches. Keeley White returned to the department in Fall 2009 after spending Spring 2009 on a family leave. Mary Goodloe is on sabbatical for the Fall 2009 semester. While Mary Goodloe is away for sabbatical, Sarah Ann Stewart is serving as interim chair for the Department of Mathematics and Computer Science during Fall 2009.

Mike Pinter is assisting Richard Neal as Editor of the National Problem Solving Competition for 2009-10. Danny Biles had a paper entitled "Numerical ap-

## CALL FOR NOMINATIONS FOR THE 2010 SOUTHEASTERN SECTION DISTINGUISHED TEACHING AWARD

Nominations for the 2010 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, and the winner will be honored at the Spring 2010 meeting of the Section at Elon University in North Carolina.. The winner will also be widely recognized and acknowledged within the Section and will be the Section's official candidate for one of the three Deborah and Franklin Tepper Haimo Awards for Distinguished College or University Teaching of Mathematics that will be presented in January 2011.

Nomination materials and a description of the complete nomination packet are included in this Newsletter. Each member of the Section is encouraged to consider submitting a nomination to David Sumner, chair of the selection committee. If you wish to nominate someone, please submit a complete nomination packet by **December 1, 2009**.

Nomination packets for persons nominated for the 2009 award may be carried forward for consideration for the 2010 award, if the nominator so desires. The selection committee will contact nominators to determine whether they wish to submit a revised nomination to the selection committee.

### Previous Teaching Award Recipients

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, Univ. of South Carolina, Beaufort
2003	Sue E. Goodman, University of North Carolina, Chapel Hill
2004	Jeff 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	Hughes Howard, Wake Forest University

proximation for singular second order differential equations" published (jointly with David Benko, Mark Robinson and John Spraker) in *Mathematical and Computer Modelling*.

Joan Lind, along with students Sarah Claiborne and Cat Simpson, attended the 2009 CURM Spring conference in Provo, Utah on March 20-21. One of the goals of the conference is to showcase the mathematical research supported by CURM. Since Dr. Lind and her students were awarded a 2008/2009 CURM grant, they presented a talk about their research entitled "Discovering the Curve-Creating Black Box."

Callie Goyer, sophomore mathematics major, gave a student presentation for the Tennessee Academy of Science in April 2009. Luke Horsley, senior math major, has been accepted to the Budapest Semester in Mathematics. He will be spending the spring 2010 semester in Budapest studying algebra, analysis, and other topics. Amy Valentine received both the Outstanding Senior Mathematics Award and the Mathematics Problem Solving Competition Award for 2008-09. Callie Goyer received the 2008-09 Mathematics/Computer Science Award for outstanding work by a beginning student. (Submitted by Mike Pinter)

#### **Catawba College (Salisbury, NC)**

On September 27, 2009, the North Carolina Zeta Chapter of Kappa Mu Epsilon was established at the College in an induction ceremony conducted by Dr. Ron Wasserstein, President of KME and Executive Director of the American Statistical Association. Six students and six faculty make up the charter members of the chapter.

On March 25, 2010, Catawba College will host the NCCTM math contest as a qualifying site in Algebra I and Geometry.

Dr. Paul Baker is organizing a session on the History of Mathematics at the Sectional meetings at Elon. Dr. Doug Brown is organizing a session on the use of Web based homework systems. (Submitted by Doug Brown)

#### **The Citadel (Charleston, SC)**

Dr. Joel Brawley of Clemson University, the recipient of 2009 MAA-SE Service Award, and Dr. David Sumner of University of South Carolina, the recipient of the 2008 MAA-SE Teaching Award, visited the department and gave presentations to students and faculty in the fall and spring, respectively.

Dr. Antara Mukherjee, a new Ph.D. in mathematics of University of Oklahoma, joined the department in the spring of 2009 as a visiting assistant professor. Her research field is geometric group theory. Isaac S. "Spike" Metts returns to the department with a half-time position after spending 27 years in administrative positions, in-

cluding Dean of Undergraduate Studies and Assistant Provost. He still has a half-time commitment to administrative duties.

Margaret Francel returns to the department after being on sabbatical during the 2008-2009 academic year. She spent part of the year as a visitor in the computer science department at Wake Forest University where she worked on a research project with Dr. D. J. John.

On Wednesday, 2 September 2009 Assistant Professor Li Zhang gave birth to a baby girl, Keely Linda Yagel.

Professor Dave Trautman organized The Citadel's annual high school math competition in February. (Submitted by David Trautman)

#### **Clemson University (Clemson, SC)**

In June, Dr. Brian Fralix joined the faculty as an Assistant Professor. Dr. Fralix graduated with a BS in mathematical sciences from Clemson in 2002 and earned his PhD in operations research from Georgia Tech in 2007. He has also done a Post Doc at EURANDOM in the Netherlands. Mathematical Sciences Assistant Professor Dr. Jan Medlock's article "Optimizing Influenza Vaccine Distribution" appeared in *Science Magazine*.

Drs. Neil Calkin and Kevin James ran the Eighth Annual REU in Computational Number Theory during the Summer of 2009. In April, 2009, the Department of Math Sciences hosted the Sixth Annual Clemson Calculus Challenge for high school students.

One hundred ninety-seven students from twenty-one high school participated. Finally, thirteen undergraduate students from the Department of Mathematical Sciences participated in Research Experiences for Undergraduates or internships during the Summer of 2009: Virginia Ahalt - Miami University in Oxford, OH; Edward Ball - the Medical University of South Carolina; Jeannette Brown - Clemson University; Allison Colberg - Colonial Life in Columbia, SC; Darrell Gydesen - Automated Controls Inc in Westminster, SC; Shiree Hughes - the National Security Agency; Angela Marvin - NCO in Summerville, SC; Maria Reynolds - North Carolina State University; Bryce Richards - Clemson University; Reid Sanders - Los Alamos National Laboratory; Justin Stocks-Smith - the National Oceanic and Atmospheric Administration in Boulder, CO; Kristen Thomas - the Cleveland Clinic in Cleveland, OH; Chris West - Unum in Chattanooga, TN. (Submitted by Mark Cawood)

#### **Cleveland Community College (Shelby, NC)**

Millie Holbrook has been named Department Chair of Mathematics, Health, and Physical Education. Sheri Rogers has been named Discipline Coordinator for Col-



lege Transfer Mathematics and Solomon Willis has been named Discipline Coordinator for Developmental Mathematics.

Solomon Willis received a scholarship from the North Carolina Community College Faculty Association to attend the 2010 North Carolina Great Teachers Retreat.

New faculty members to the Mathematics Department are Susan Jones and Marie Murphy. (Submitted by Solomon Willis)

### **Columbus State University (Columbus, GA)**

The Department of Mathematics and Philosophy (<http://math.colstate.edu/>) has been very active in a number of arenas since this time last year despite significant budget constraints.

New to the department this fall are Dr. Ismail Gunhan Caglayan and Dr. Ben Kamau. Gunhan's degree is in Mathematics Education from the University of Georgia and Ben's degree is in Mathematics from Delaware State University.

Other personnel events include the retirement of Professor Katheryn Fouche, the tenure of Associate Professor Brian Muse and the Rite of Passage (a celebration of promotion to Full Professor) of Professor Eugen Ionascu. Associate Professor Cindy Henning served as Associate Dean of The College of Science for the 2008-2009 academic year and is now the Director of the University Honors Program.

Department faculty members have been responsible for a number of papers published/ accepted/submitted/ presented during the last twelve months. Individuals within the Columbus State University Problem Solving Group have successfully solved dozens of problems from the MAA journals. The department has also provided reviewers for journals, judges for poster sessions, coaches for math teams in various competitions and mentors for a variety of other student activities.

Department members collaboratively produced the problems (<http://math.colstate.edu/tournament/>) for the annual Spring High School Math Tournament which drew 146 students from 12 schools. Students from the Math Club (<http://math.colstate.edu/maxclub/>) and the Math Education Student Association (<http://mathscied.colstate.edu/about%20MASST%20-%20Student%20Org.htm>) assisted faculty members with the tournament. Two new clubs have been created this fall, the Actuary Club and the Chess Club. Thirteen students graduated last year in the areas of Mathematics, Mathematics Education, Actuarial Science and Applied Statistics.

Math program student majors solved numerous problems from the MAA journals and are currently half way through the fall 2009 Pi Mu Epsilon problems. Three majors presented research projects at the 8th An-

nual CSU Student Colloquium and three majors have submitted proposals for funds under the CSU Undergraduate Research Projects program. (Submitted by Richard Stephens)

### **Duke University (Durham, NC)**

We welcome Ezra Miller and Jim Nolen to the math faculty as professor and assistant professor respectively. Congratulations to Arlie Petters, recently granted the Benjamin Powell Professorship jointly with Math, Physics and the Fuqua School of Business. Professor Harold Layton has begun a three-year term as department chair. See [http://www.math.duke.edu/math\\_news/](http://www.math.duke.edu/math_news/) for more. (Submitted by David Kraines)

### **Elon University (Elon, NC)**

Aggie Chadraa (Lecturer) joined the department this fall. Jan Mays has been recently promoted to the position of Senior Lecturer.

The Department of Mathematics at Elon University is looking forward to hosting the Southeastern Section MAA meeting on March 26-27, 2010.

Associate Professor Jim Beuerle was elected Chair of the NC State Math Contest Committee. Elon University will now have a chapter of Phi Beta Kappa. The success of bringing a chapter of Phi Beta Kappa to Elon was due in part to the incredible efforts of Department of Mathematics Instructor, Helen Walton.

The Department of Mathematics will continue the tradition began last year and host the 2nd Annual Math Department Homecoming Tailgate. Before Elon's homecoming football game, we have a gathering of math alumni, faculty, and current students. Every week on Thursdays, the department has "Math Tea" which is a time for students and professors to meet, play math related games, talk about puzzles, etc.

Karen Yokley has taken over the MAA Liaison duties from Ellen Mir. (Submitted by Karen Yokley)

### **Emory University (Atlanta, GA)**

Thanks to a generous donation to the university, our department has added two institutionally-funded postdoc lines. Our first postdocs are Paul Horn (PhD UCSD 2009), a combinatorist; and Patrick Corn (PhD Berkeley 2005), a number theorist. Asher Auel (PhD Penn 2009), an algebraist, has joined the department as an NSF postdoc.

Venapally Suresh, an algebraist, is visiting the department for the 2009-10 academic year. He will receive the Shanti Swarup Bhatnagar Award for 2009. The prize will be presented by the Prime Minister of India.

The department will be doubly represented at the International Congress of Mathematicians next summer. Raman Parimala will give an invited plenary ad-

dress and Venapally Suresh will give an invited address in the algebra section.

In the numerical analysis & scientific computing group, (now-former) PhD student Julianne Chung received an NSF postdoc fellowship and is working at the University of Maryland, College Park. Michele Benzi was elected member-at-large of the SIAM Council through 2011. Jim Nagy was one of fifty alumni of Northern Illinois University to be presented a "Golden Anniversary Alumni Award" in celebration of the NIU College of Liberal Arts & Sciences' 50th anniversary.

Ron Gould published the textbook "Mathematics in Games, Sports, and Gambling: the Games People Play" for his massively popular freshman seminar course on the same topic.

David Borthwick was promoted to full professor. Skip Garibaldi was named Winship Distinguished Professor of Mathematics, a 3-year position, starting in fall 2009. William Mahavier and Ray Lamb both retired this past August. We are welcoming applications for two open-rank regular faculty positions this year. (Submitted by Skip Garibaldi)

#### **Fort Valley State University (Fort Valley, GA)**

This Fall, the Mathematics Department at Fort Valley State University welcomed two new faculty.

Dr. Mahmoud Abu-Joudeh joined the department as an Associate Professor of Mathematics and Physics. Before joining FVSU, he was Assistant Director of University Preparatory Program at Alfaisal University, Saudi Arabia. Before going to Saudi Arabia in Fall 2008, he was Associate Professor at Virginia Union University in Richmond. Prior to that, he was a Professor at Saint Paul College. Dr. Abu-Joudeh holds a Ph.D. from West Virginia University, M.S. from Ohio University and B.S. from Jordan University. His current research interest is in curriculum development and has received many grants from NSF, Eisenhower and other agencies to enhance teaching and learning math and science.

Dr. Patcharin Tragoonsirisak comes as an Assistant Professor from University of Louisiana at Lafayette where she just defended her Ph.D. in Applied Mathematics. She also holds M.S. in Mathematics from Lafayette and M.Sc. in Computational Science from Chulalongkorn University, Bangkok, Thailand. Her research interest is in nonlinear ordinary and partial differential equations, computational mathematics, mathematical modeling and integral equations. She has published two refereed journal papers, and one article in a research monograph. She has also given four invited talks at national and international conferences since 2007. (Submitted by Dawit Aberra)

#### **Francis Marion University (Florence, SC)**

The Mathematics faculty at Francis Marion University had an eventful year. Our annual Pee-Dee Regional High-School Mathematics Tournament was held on December 2, 2008 and attracted 251 students from 17 different high-schools. A written competition is administered in the morning to determine which schools advance to the final round. Those schools then send a team of four students to answer questions on a stage. The next tournament is scheduled for December 8, 2009.

FMU was proud to sponsor a team that competed in the Mathematical Contest in Modeling in early 2009. This contest allows teams of students (up to three) to choose from one of two open-ended problems. The emphasis is not necessarily on the solution the team gives for a problem, but more on how the team builds a mathematical model for the problem. The problem our team chose this year was how to design a traffic circle.

On March 28, 2009, FMU held its annual Francis Marion Undergraduate Mathematics Conference (FMUMC). The FMUMC provides undergraduates a venue to present research projects. This year's conference featured 6 schools contributing 10 talks. The FMUMC will be held next on April 2, 2010.

We are proud to announce some promotions and awards. Dr. Bill Whitmire was promoted to Professor of Mathematics, while Mrs. Jane Gower was promoted to Associate Professor of Mathematics. Also, Dr. Rich West just completed his tenth year with the university. As always, we are looking forward to the new academic year! (Submitted by Mei-Qin Chen)

#### **Furman University (Greenville, SC)**

The Department of Mathematics at Furman enjoyed a good year. Bob Fray has completed two years as chair of the Furman University faculty, and he is currently serving as the editor of the newsletter of the Resource Modeling Association. Doug Rall had four research papers published this year. Last November, his book *Topics in Graph Theory: Graphs and Their Cartesian Product*, coauthored with Wilfried Imrich and Sandi Klavžar, was published. Kevin Hutson had a paper published this year and gave the keynote address "Journeys Down Short Paths" at the 32nd annual Hendrix-Rhodes-Sewanee Symposium at Hendrix College. Nancy Shell and her sister Kathy gave a talk at the SC Council of Teachers of Mathematics. Hamp Sherard gave a talk at the National Council of Teachers of Mathematics Annual Meeting and Exposition. Hamp continues to serve as the editor of the Quick Reads Department of the NCTM Journal *Mathematics Teaching in the Middle School*.

This fall we are pleased to welcome Sarah Frick to our department. Professor Frick was a mathematics and physics graduate of the College of Charleston. She at-

tended graduate school at the University of North Carolina at Chapel Hill. For the past three years, Sarah has been the Vigre Arnold Ross Assistant Professor of Mathematics at the Ohio State University. We are excited that Sarah is part of our department.

Last year, we had two students, Joseph Tenini and Catie Patterson, participate in the Budapest Semesters in Mathematics program. In addition to Catie, seven other students participated in summer research programs across the country last summer. The Department's Clanton visitor for last year was Stephen Stigler, Ernest DeWitt Burton Distinguished Service Professor and Chairman of the Department of Statistics at the University of Chicago, who gave two wonderful lectures: "The Five Most Consequential Ideas in the History of Statistics" and "Skill or Luck? A Statistical Look at Tournament Golf." In addition, Shandelle Henson of Andrews University came to Furman and gave a lecture titled "Chaos in Ecology: Experimental Nonlinear Dynamics." Her lecture fit nicely with the ongoing efforts of the university to raise awareness of sustainable practices. The Clanton visitor for this year will be Donald Saari, Distinguished Professor of Mathematics and Economics at the University of California at Irvine. (Submitted by Mei-Qin Chen)

Georgia College & State University (Milledgeville, GA)

In July 2009, Dr. Robert Blumenthal, Professor of Mathematics, was appointed as Chair of the Department of Mathematics at Georgia College. He was previously at Oglethorpe University where he served as Chair of the Division of Mathematics and Computer Science and Associate Provost for Academic Affairs. The Department of Mathematics has three additional new faculty members: Dr. Luke Chuang, Dr. Marcela Chiorescu, and Ms. Selma Yildirim-Yolcu. Luke joins us as an Assistant Professor of Mathematics. He received his Ph.D. in 2007 from Rice University. His research interests are in geometry and topology. Marcela joins us as a Lecturer of Mathematics. In August 2009, she received a Ph.D. in Mathematics from Florida Atlantic University, and her area of research is in abstract algebra. Selma joins us as a Limited Term Instructor of Mathematics. Selma received an M.S. in Mathematics from Georgia Tech in 2008 and is currently pursuing a Ph.D. at Georgia Tech. Her area of research is in partial differential equations and spectral theory.

Dr. Turkay Yolcu, who is in his second year as a Limited Term Instructor of Mathematics, graduated from Georgia Tech with a Ph.D. in Mathematics in August 2009. His research area is in partial differential equations.

Dr. Amy Kelley and Dr. Jason Stover were each awarded tenure and promoted to Associate Professor.

On June 1, 2009, Dr. Hugh Sanders retired from his

position as Professor of Mathematics. Throughout his 33 years at Georgia College, Dr. Sanders was a positive contributing member of the faculty, teaching a wide-variety of mathematics as well as mathematics education courses. During his tenure at Georgia College, he remained actively engaged in curriculum and program development and assessment as well as in departmental governance and leadership. Hugh was also actively engaged in fostering partnerships with area public schools and taught in summer programs for K-12 math teachers. Because of Dr. Sanders' outstanding and extensive service to the department, to the university, to the profession, and to the community, Dr. Hugh Sanders was awarded the designation of Professor Emeritus of Mathematics. We congratulate Hugh on his retirement and thank him for his many years of dedicated service. (Submitted by Martha Allen)

#### **Georgia Gwinnett College (Lawrenceville, GA)**

The Southern Association of Colleges and Schools (SACS) granted Georgia Gwinnett College (GGC) its initial accreditation in June of 2009. Following that milestone, the GGC faculty have been busily creating new classes and majors, and, pending the approval of SACS, the School of Science and Technology will begin offering a B.S. in mathematics with tracks in pure mathematics, applied mathematics, and mathematics teacher certification.

Our new full-time faculty member this year is Jenny Sinclair. The faculty members hired last year are: Amy Erickson, Keith Erickson, Natasha Brewley-Corbin, Liang Sun, Zhongxiao Li, and Marty Thomas. Actually, since our school was founded in 2006, we're all sort of new faculty. The other faculty who teach math are Alvin Atkinson, Tee Barron, Terri Edwards, Jeff Hildebrand, and Barry Biddlecomb. (Submitted by Amy Erickson)

#### **Georgia Perimeter College--Clarkston Campus (Clarkston, GA)**

The Mathematics, Computer Science and Engineering Department of Georgia Perimeter College, Clarkston campus, is pleased to welcome seven fulltime faculty members. Martha Nega, Mohandas Raj, Marcus Rhymes, John Weber, Joanna Wilson, and Allison Wolf join the faculty as tenure-track instructors and John Fulk as a term-to-term instructor.

Donna Brouillette is our new Interim Department Chair and Alice Pierce is the new Associate Department Chair. Dr. Kouok Law was promoted to Professor. Mary Ellen Davis retired in Summer 2009.

A chapter of Mu Alpha Theta has been started at GPC. In the AMATYC Student Math League competition, GPC placed 2nd in the Southeast region. Hanbyul Kim of Dunwoody campus had the highest score in

Georgia and placed fourth in the Southeast region.

Three of our campuses sent teams to the Gainesville State College Mathematics Tournament. GPC came in first overall and a GPC Clarkston campus team came in third in the team competition. GPC students did very well in the individual competition: Hanbyul Kim (Dunwoody) placed first, Dieu Vy Nguyen (Clarkston) placed third, and Donghyun Park (Dunwoody) placed fourth. The 23rd Annual Georgia Perimeter College Math Conference will be held on Clarkston Campus, February 19-20, 2010. Please join us for an interesting and informative program. For further information about attending or presenting at the conference, contact Allison.Williams@gpc.edu. (Submitted by Alice Eiko Pierce)

#### **Georgia Perimeter College—Decatur Campus (Decatur, GA)**

The Georgia Perimeter College Decatur Campus is pleased to announce our new tenure track faculty. They are Amir Barzegar, Amos Darrisaw, and Thomas Gaines. Our new term-to-term faculty are Tracey Grant, Calvin Jackson, and Tia Skipper. (Submitted by Queen Harris)

#### **Georgia Perimeter College--Newton Campus (Newton County, GA)**

Dr. Kevin Yeomans is the new Department Chair at the Newton campus of Georgia Perimeter College.

New term-to-term instructors are Felicia Thrash and Angela Service.

Department Chair Gloria Hitchcock retired Fall 2008 and Dennis Russell retired Spring 2009.

This newest campus of Georgia Perimeter College continues to grow between 10 and 15% each semester. (Submitted by From Dr. Kevin Yeomans)

#### **Georgia Southern University (Statesboro GA)**

We have the following new tenure-track faculty member this year: Alex Stokolos (Doctor Habilitowany, Wroclaw University, 1998; who comes to us from a position at DePaul University.

Steven Damelin and Broderick Oluyede were promoted to Full Professor. Frederic Mynard and Scott Kersey were awarded tenure and promoted to Associate Professor.

The 21th Mathematics Tournament for middle and high school participants was held January 31, 2009. We had over 1,000 students registered and more than 800 participants actually came. We should be just as successful with this year's tournament which will be held February 13, 2010. Our second annual Eagle Math-a-Mania was held March 28, 2009; this is an event for first through fifth graders in our area.

Many of our faculty members were recognized dur-

ing the year for service and teaching accomplishments. Goran Lesaja was announced in May as a winner of the 2009 Georgia Southern Award for Excellence in Contributions to Instruction. He will present "Teaching: Mathematics outside of the Classroom" to the University community as part of the Focus on Excellence Program for winners of University-level awards on November 11. Lisa Yocco won the GSU Professor of the Year award! This award has a first round of voting by all students. The final selection is made by the Gamma Beta Phi Honor Society after interviewing peers and department chairs. Pat Humphrey is currently Past-Chair of the SIGMAA on Statistics Education, and is a member of the Editorial board for Teaching Statistics, a journal of the Royal Statistical Society. Donna Saye is currently Southeastern Vice President of the American Mathematical Association of Two-Year Colleges (AMATYC).

Lastly, for those of you who enjoyed our campus during the 2007 Section Meeting, you will have another occasion to visit – the AMS Southeastern Section meeting will be held here on March 12-13, 2011. Mark your calendars! (Submitted by Pat Humphrey)

#### **Kennesaw State University (Kennesaw, GA)**

We have several new faculty. Kim Gardner is a new Assistant Professor of Mathematics Education who earned her degree at Georgia State University in 2007. New lecturers are Susan Hardy, who earned her Masters in Statistics from Brigham Young University in 1986, Bruce Thomas, who earned his Masters in Mathematics at Auburn University in 1972, Symon Kimitei and Nancy Burney.

Three faculty members received promotions. Jennifer Priestley was promoted to Associate Professor, Liancheng Wang was promoted to Associate Professor and Joe DeMaio was promoted to Professor. Belinda Edwards earned her PhD in the past year.

Mary Garner received the 2009 University Distinguished Professor Award. Mary received her Masters at Georgia Tech and her PhD at Emory. Sean Ellermeyer was awarded a 2009 "KSU Foundation Prize for Publication" for his article "A Closer Look at the Crease Length Problem" which appeared in the April 2008 issue of Mathematics Magazine. Sean was also a first runner-up for the 2009 KSU Foundation Distinguished Service Award.

Kennesaw State University will hold its fourth annual Mathematics Competition for high school students on October 28. Last year, 2153 students from 124 high schools all over Georgia participated. Students compete in their own schools, and student responses are sent back to Kennesaw State University for scoring. The 200 highest scoring students are invited to compete in a second round in February. The second round requires stu-

dents to solve five highly challenging problems and prove that their solutions are correct. The students with the highest composite scores from both rounds are honored with a luncheon reception, mathematics presentation, and awards ceremony in April. (Submitted by: Virginia Watson)

### **King College (Bristol, TN)**

Andy Simoson, chair of the King College math dept, will be having a book signing for his new book, *Voltaire's Riddle: Micromégas and the Measure of All Things*, vol. 39 in the Dolciani Series, at the MAA booth of the Joint Mathematical Meetings in San Francisco, 4:30 pm, January 14, 2010. (Submitted by Andy Simoson)

### **Macon State College (Macon, GA)**

This spring the department honored two retirees Ms. Ellen Cohen and Mr. Steven Davis at a ceremony on campus. Ms. Cohen and Mr. Davis have served the department since 1982 and 1979 respectively.

This year the department welcomes three new faculty members Dr. Jeremy Aikin, Dr. Charla Baker, and Dr. David Vogel. Dr. Jeremy Aikin earned a B.S. in pure mathematics and a B.A. in music at the University of California, Riverside. He received his Ph.D. in mathematics in 2009 from Louisiana State University. Dr. Charla Baker earned her two Bachelor's degrees from Troy State University, one in Computer Science and one in Mathematics. She received her M. S in mathematics in 2006 and Ph. D in mathematics in 2009 from Auburn University. Dr. David Vogel received his B.S in physics in 1979 and M.S. in physics in 1981, both from the Georgia Institute of Technology. In 1992 he was awarded a Ph.D. in atomic physics by Georgia Tech. He joined the division of Learning Support at Macon State College as an assistant professor of mathematics in January 2008 after retiring from the U.S. Air Force. In Fall 2009, he joined the department of Mathematics & Computer Science.

This year the department organized the "Powers N Numbers" – Math Club, Dr. Steven Wallace is the club advisor. The club was created in response to a growing number of mathematics majors who wished for a club that catered to their identity separate from the already popular Science Club. Indeed the purpose of the organization is to create a network between mathematics faculty and students in the organization, to illustrate and highlight career opportunities for mathematicians, to enhance each member's knowledge and understanding of mathematics, to create a community and to promote unity for students interested in mathematics.

The Mathematics and Science Partnership (MSP) Program Grant from the Georgia Department of Education created a partnership between Macon State Col-

lege's Department of Mathematics & Computer Science and Bibb County schools which will provide certain Bibb County teachers with instruction in an effort to increase teacher content knowledge and improve classroom practices while forming professional learning communities.

The Department of Mathematics & Computer Science, the Department of Natural Sciences & Engineering, and selected faculty from the Division of Learning Support collaborated to offer a two-week workshop in July to Bibb County teachers as part of a Mathematics/Science Partnership Grant. Fourth- and fifth-grade teachers, middle grade teachers and high school teachers were on campus July 13-23 for a variety of sessions designed to improve their understanding and appreciation of mathematics and science. Session topics ranged from ecology to brain teasers and included numerous field trips. (Submitted by Lily Wang)

### **Mercer University (Macon, GA)**

Dr. Audrey Malagon, who completed her Ph.D. in Mathematics at Emory University and received her B.A. in Mathematics and Spanish from Agnes Scott College, has joined the department as an assistant professor. Her research area is abstract algebra.

Zackery Dentmon was the recipient of the 2009 Riley Plymale Award for Excellence in Mathematics, presented to the senior mathematics major whose work has been judged by the Mathematics faculty to be exemplary. He has accepted a position with a biotechnology company in Atlanta.

The department hosted the 29th Annual Southeastern-Atlantic Regional Conference on Differential Equations on October 16 and 17, 2009. The Local Organizing Committee for the conference includes Dr. Keith Howard (Chair), Dr. Julie Beier, and Dr. Jeff Denny.

Dr. Julie Beier was awarded a travel grant by the Association for Women in Mathematics to attend the Field's Institute Summer School and Conference on Geometric Representation Theory and Extended Affine Lie Algebras at the University of Ottawa in June 2009. She was invited to attend the International Workshop on Algebraic Groups, Quantum Groups and Related Topics held at Peking University in Beijing, China, in July 2009 and chaired one of the sessions of the workshop. Also in July, she gave an invited talk, "On Demazure Crystals of  $Uq(\mathfrak{sl}(n))$ ," at the International Workshop on Quantized Algebras and Physics held at the Chern Institute of Mathematics in Tianjin, China.

Both Dr. Beier and Dr. Malagon were selected as Project NExT Fellows and attended the Project NExT Workshop at MathFest in Portland, Oregon, in August 2009.

Dr. Jeffrey Denny is now an Associate Dean of Mercer's College of Liberal Arts. He will continue to

teach half-time within the department. Dr. Kedrick Hartfield is the new chair of the department. Dr. Curtis Herink will serve a three-year term on the Committee on the Beckenbach Book Award beginning in January 2010. Dr. David Nelson is on sabbatical leave at the University of Georgia this academic year.

Dr. Margaret Symington gave a series of five lectures, entitled "Introduction to Symplectic Geometry and Topology," as part of a graduate student workshop at the Mathematical Sciences Research Institute, August 3-15, 2009. She also collaborated over the summer with Marsha Sanders-Leigh of Georgia Tech's Center for Education Integrating Science, Math and Computing to prepare and conduct a one-week professional development workshop entitled the Power of Algebraic Reasoning for 5th-9th grade teachers from Coffee and Atkinson counties.

The Twenty-Fifth Annual Mercer University High School Mathematics Contest will be held November 14, 2009. (Submitted by Curtis Herink)

#### **North Carolina A&T State University (Greensboro, NC)**

After 17 years as department chair Dr. Wilbur Smith retired effective August 2008. He was a faculty member for 39 years. He had been an undergraduate mathematics major at A&T, and was the first A&T graduate to earn a Ph.D. in mathematics. The department has placed a plaque in the undergraduate student study room honoring him. He visits regularly at department colloquia and merely smiles at suggestions that perhaps he would miss us less if he would teach a course. Dr. Thomas Clarke retired May 2008. Dr. James Chew retired summer 2008. Dr. Robert Mers retired May 2009. All had given more than 30 years of dedicated service as faculty.

Dr. Kossi Edoh, Associate Professor, was tenured effective summer 2009. New appointments include Lecturers Mrs. Stacey Zimmermen and Mr. Michael Laws for Fall 2008. Assistant professors Dr. Nicholas Luke, and Dr. Amal EL Moghraby began Fall 2009. One post-doctoral associate, Dr. Kedar A. Pathak, began Fall 2009.

Dr. Guoqing Tang was appointed interim chair of the department of mathematics, effective August 2008. Dr. Tang is an active researcher, who in addition is involved in many grants and activities related to student development. Dr. Kathy Cousins-Cooper is the undergraduate mathematics education coordinator for the department of mathematics, beginning Spring 2009. Dr. Bampia Bangura continues as the graduate mathematics education coordinator.

The Gilbert and Patricia Casterlow Scholarship has already supported two students in the mathematics department: senior applied mathematics major Mr. Kevin

Harris, and junior mathematics education major Mr. Darius Pandy. This year's fundraiser in Fall 2009 saw Dr. Casterlow full of the optimism for which he is famous, surrounded by family, friends, and colleagues.

The Department of Mathematics held its annual Math Awareness Day (in April of both 2007 & 2008) as part of the national observance of Math Awareness Month. Dr. Alexandra Kurepa organized the event. She has continued its focus as being a student conference, with NCA&T graduate student presentations as well as undergraduate paper and poster sessions. The events of the day were well attended by mathematics faculty and students, as well as many from other departments.

In April 2007 and again in 2008 the Math department again hosted high school students participating in the state high school math contest. NCA&TSU is a regional site. Dr. Bampia Bangura coordinated the effort. Dr. Bangura was assisted by the NCA&T chapter of the NCCTM, Pi Mu Epsilon member, and faculty volunteers.

Dr. J. P. Roop has been active in research and in guiding student research projects. Students Cherelle Jackson and Kelvon Barkley gave the poster presentations at the XX Undergraduate Research Symposium on Sept. 12, 2009, in San Juan Puerto Rico. Kaleb Waite and Amanda Eure published "Iris recognition optimized for information assurance," in the Proceedings of the National Conference on Undergraduate Research, University of Wisconsin La-Cross, April 16-18, 2009. Dr. J.P. Roop and Dr. K.D. Edoh published "A fast wavelet multilevel approach to total variation image denoising, in the International Journal of Signal Processing, Image Processing, and Pattern Recognition, vol. 2, no. 3. pp. 57-74, 2009. Dr. J.P. Roop (with J. Borggaard and T. Iliescu) published "A bounded artificial viscosity model for the numerical simulation of turbulent flows," in the SIAM Journal on Numerical Analysis, vol. 47, pp. 622-645, 2009.

As part of the ongoing efforts of the Office of International Programs to increase opportunities for NCA&T students to gain international experience, the purpose of the China site visit is to meet with faculty and officials at Henan Polytechnic University in Henan Province in order to establish specific ways in which the universities may engage. Earlier this year, a Memorandum of Understanding was signed between A&T and HPU. The members of the A&T delegation that went to China in late September include Dr. Kenneth Murray, Associate Vice Chancellor, Academic Affairs (Head of Delegation); Mrs. Minnie Battle Mayes, Director of International Programs; Dr. Liping Liu, Professor, Mathematics Department, College of Arts & Science; Dr. Hong Wang, Professor, School of Business and Economics; and Dr. Kimberly McNeil, Professor, School of Business and Economics. Goals of this trip included establishing ex-

change programs between students and faculty. The A&T delegation also participated in the 100th anniversary celebration of Henan Polytechnic University. (Submitted by Dr. Janis M. Oldham)

### **Presbyterian College (Clinton, SC)**

Dr. Greg Goeckel presented his research titled "An Anatomy of a Fluid Flow With a Very Low Reynolds Number In a Semi-infinite Circular Tube" at the Southeastern Section meeting hosted by Belmont University.

Two of Presbyterian College's graduating majors in mathematics presented research at the PC Honors Symposium. Sarah Anderson presented her honors research titled "The Cantor Set and Its Principles." The talk provided an introduction to the Cantor set with proofs of some of its incredible properties. Ms. Anderson's advisor was Dr. Doug Daniel. Lena Witzmann her research titled "How Close Are We, Really?" Several results from graph theory were used to determine how closely connected PC students are to each other. In particular, she sought to determine whether or not every pair of students on campus has a mutual friend. Ms. Witzmann's advisor was Dr. Kara Shavo.

Steven Smith was participated in the Medical University of South Carolina's Summer Undergraduate Research Program. Mr. Smith's paper was titled "A graph theoretic approach to predicting functionally related genes in yeast."

Two of Presbyterian College's rising senior mathematics majors participated in the PC Summer Research Fellows program. Erica Deahl's research was titled "Investigating the Distribution of Exposure to Injury Risk Time for Bull Riding: A Resampling Approach." Olivia Hightower's research was titled "Analysis of Pawpaw Leaf Characteristics: An investigation of possible hybridization with *Asimina triloba* and *Asimina parviflora* in South Carolina." Ms. Deahl's and Ms. Hightower's advisor was Dr. Clint Harshaw.

Dr. Brian Beasley and Dr. Doug Daniel attended the MAA Mathfest in Portland in August.

The top three finishers at the Presbyterian College 12th Annual MAA Student Chapter Math Competition in March were: 1st - Blake Whitney; 2nd - Olivia Hightower; 3rd - Thomas Bitner. (Submitted by C. Clinton Harshaw)

### **Union University (Jackson, TN)**

Dr. Bryan Dawson is the new chair of the Department of Mathematics. Bryan previously served as chair from 2002-04. Dr. Troy Riggs had served as chair since 2004 and has returned to full-time faculty status.

Dr. George Moss has joined the department as Visiting Professor of Mathematics. George taught at Lambuth University and the UVa-Wise prior to coming to Union. He holds the Ph.D in mathematics from Virginia

Tech University.

Professor Don Richard retired after 26 years of service. This is Don's second retirement as he had previously retired from the U S Air Force before joining the department in 1983. The members of the department honored his years of service with a plaque and a meal on October 9, 2009. (Submitted by Matt D. Lunsford)

### **University of the South (Sewanee, TN)**

Cong Lu, majoring in both mathematics and economics, was salutatorian of the Class of 2009. He is now in graduate school in economics at Cornell. The Hooke Prize in calculus was awarded to Prashanta Kharel of the Class of 2012.

Stephen Carl is coaching Reed Tomlinson '10, Bentley Cook '11, and Tori Salekin '12, who will compete as a team in the 2009 ACM Programming Contest regionals at Tennessee Tech University. Anna Tracy '11 presented a talk to the Sewanee-Rhodes-Hendrix Undergraduate Mathematics Symposium held last spring at Hendrix College.

Two members of the Class of '03 have recently earned doctorates -- Clay Shonkwiler, writing on a topic in differential geometry at the University of Pennsylvania, and Jennifer Sinclair, on a topic in probability at the University of Tennessee. The April, 2009, issue of the American Mathematical Monthly contains work that began as undergraduate research in probability by Grace Kennedy '06. Doug Drinen and Mac Priestley are co-authors of the Monthly paper with Grace, who is now starting a thesis in mathematics at the University of California at Santa Barbara.

Jennifer Sinclair gave the Annual Homecoming Lecture this year. The Ebey Lecture will be given February 1, 2010, by Rebecca Goldin of George Mason University, who will speak about the use and misuse of statistics.

Thanks to the work of Chris Parrish and others, a modified Moore-method course designed by James T. Cross is now available on the Web at <http://cparrish.sewanee.edu/math313%20F2009/book.pdf>. These notes, entitled "A Do-It-Yourself Introduction to Number Theory," consist of a tight sequence of exercises whose solutions are to be presented in class by the students themselves. Jim Cross retired some years ago, but his notes have continued to be used as the primary text in our course in number theory. His deftly arranged exercises have proved successful in having students work out and justify newer and deeper results by building upon previous work by classmates. (Submitted by William Priestley)

### **University of South Carolina Aiken (Aiken, SC)**

We are pleased to welcome one new faculty member this year, Mr Paul Ilukor, Instructor of Mathematics.

### University of South Carolina (Columbia, SC)

IMI Director: Pencho Petrushev was appointed Director of the Interdisciplinary Mathematics Institute (IMI). The institute was formerly known as the Industrial Mathematics Institute.

New Faculty: The department welcomes 4 new faculty members. Dmitriy Bilyk is a harmonic analyst with a 2005 Ph.D. from University of Missouri. He did a postdoc at Georgia Tech and spent a year as a visitor at the Institute for Advanced Study at Princeton before joining us this year. Frank Thorne is a number theorist with a 2008 Ph.D. from the University of Wisconsin at Madison. He is presently doing an NSF postdoc at Stanford and will be joining us in 2 years. Xinfeng Liu is a numerical analyst with a 2006 Ph.D. from SUNY Stony Brook. He just completed a postdoc at UC-Irvine.

Xiaofeng Yang is a numerical analyst with a 2007 Ph.D. from Purdue University. He was a postdoc at University of North Carolina at Chapel Hill before coming to USC.

Promotions: Matthew Boylan and Linyuan Lu were promoted to the rank of associate professor with tenure.

Retirements: Konstantin Oskolkov retired in Spring 2009.

News: The Department launched a new Ph.D. track in mathematics with a concentration in applied and computational mathematics. The first semester of the program is Fall 2009. The Department invites inquiries from interested undergraduates.

Events: USC will host the 11th meeting of the Palmetto Number Theory Series (PANTS) December 5 and 6, 2009. Plenary speakers include Ben Brubaker (MIT), Mirela Ciperiani (U. Texas-Austin), John Friedlander (U. Toronto), Kannan Soundararajan (Stanford Univ.). For more information, see <http://www.math.sc.edu/~boylan/seminars/pantshome.html>. The University of South Carolina 24th High School Math Contest will be held Saturday, January 30, 2010. For more information, see <http://www.math.sc.edu/contest/2009-2010/>.

Awards: Professor and Chair Jerry Griggs was named a 2009 SIAM (Society for Industrial and Applied Mathematics) Fellow. Professor Joshua Cooper won the University of South Carolina Outstanding Undergraduate Research Mentor Award. Professor Maria Girardi won the 2008-2009 USC Mortar Board Excellence in Teaching Award. Professor Colin Bennett won the Malcolm C. Clark Award from the South Carolina Sate Historical Society for the best paper published during the course of the year in the Society's journal. Visiting Research Assistant Professor Philipp Lamby is the current South Carolina Chess Champion.

Spring Valley High School student Harry Richman (currently a freshman at MIT) won the AMS-sponsored "Who wants to be a mathematician" competition at the

College of Charleston Math Meet on February 21. He won the maximum amount of \$3000.00. Harry won the USC high school math contest the past three years.

Undergraduate Student Awards: Outstanding student in math education: Kelvin Pompey; Outstanding student in mathematics: William Kay; James Bruce Coleman Scholarship: Trevor Lightbody; Thomas Markham Scholarship: Kristen Carver; Polston Family Scholarship: Andrea Moore; Cary K. Smith, Jr. Scholarship: James Manning; Wyman L. Williams Scholarship: Timothy Hudson Harper; Jeong S. Yang Award: Thomas Beecher, Alan Bock, Andrew Cron, William Kay, Kelvin Pompey, Matthew Seaton, Forrest Spence, and Holly Watson; Pi Mu Epsilon Award: Alyse Shayer; Rising Senior Mathematics Scholarship: Eric Matthews. Timothy Hudson Harper was named a Barry M. Goldwater Scholar; he also participated in a summer REU at Mount Holyoke College.

Graduate Student Awards: Outstanding graduate teaching assistants: Mark Walters; Outstanding first-year student: Xiaocong Deng; Outstanding graduate student and Dean's Award for Excellence in Graduate Study: Li Tian. The following recent USC Ph.D. students will be starting postdocs in Fall 2009: Luke Owens at Texas A& M University, Sarthok Sircar at University of Utah, and Li Tian at The Pennsylvania State University (Chowla Assistant Professor).

(Submitted by Matthew Boylan)

### Wake Forest University (Winston Salem, NC)

Last spring we hired two new faculty members: Sarah Mason and Jeremy Rouse. Sarah works in combinatorics, and Jeremy is a number theorist. Sarah received her Ph.D. at University of Pennsylvania and has taught at Davidson College. Jeremy received his Ph.D. at the University of Wisconsin, Madison. Both Sarah and Jeremy are completing postdoctoral positions: Sarah at the University of California, San Diego, and Jeremy at the University of Illinois, Urbana-Champaign. We look forward to their joining us fall 2010.

Gaylord May retired after completing 48 years of service at Wake Forest; a festive celebration of his service was held in September.

Several of our faculty members received awards from Wake Forest College in the form of faculty fellowships: Kenneth Berenhaut has been named the Z. Smith Reynolds Faculty Fellow, Jennifer Erway has been named the Sterge Faculty Fellow, and Sarah Raynor has been named the Dunn-Riley Faculty Fellow. In addition, Hannah Robbins is a new Project NEXt fellow.

Nicolas Gillis, a numerical analyst from Université Catholique de Louvain Department of Mathematical Engineering, Center for Operations Research and Econometrics, Louvain-la-Neuve, Belgium is visiting the department this semester.



This year's Gentry Lecturer will be Fields Medalist Efim Zelmanov; he will deliver lectures on Monday and Tuesday, March 22 and 23, 2010. Our department will again sponsor the B form contests of AMC10 and AMC12 on Wednesday, February 24, 2010. For more information, see our website:

<http://www.math.wfu.edu/mathcontest/index.html>.

Wake Forest's Education Department has a new program WINS (Wake Innovative Noyce Scholars), funded by NSF. WINS is a graduate teacher education program in science and mathematics at Wake Forest University. It is a part of the Master Teacher Fellows (MTF) program. In the 13-month program, participants earn the teaching license and the Master of Arts in Education degree. Substantial financial aid and mentoring is included in the program. Information can be found at <http://www.wfu.edu/education/WINS/>. (Submitted by Ellen Kirkman)

### Western Carolina University (Cullowhee, NC)

After many years of dedicated service, Joseph Klerlein and Harold Williford retired during the 2008-2009 academic year. We wish them a happy and exciting retirement.

The Department welcomed several new faculty members at the beginning of this semester. Tuval Foguel joins us as Department Head. He is coming to Western from Auburn University at Montgomery, Alabama where he was also Department Head. Kate Best, Geoff Goehle, and John Wagaman join us as Assistant Professors in Mathematics and Julia Upton as a Visiting Lecture. Geoff Goehle received his Ph.D. from Dartmouth College, John Wagaman from Texas A&M, Julia Upton from the University of Alabama, and Kate Best will receive her doctorate degree from Portland State University in August 2010.

Julia Barnes is spending the 2009--2010 academic year in Colorado as a Distinguished Visiting Professor at the Air Force Academy in Colorado Springs.

Our undergraduate student, Jaymi Jeffery, is the recipient of the NCCTM award for outstanding mathematics education student for 2009.

Three teams from Western participated in the CO-MAP Mathematical Contest in Modeling in 2009, and one of the teams received the designation of "Meritorious Winners" (only 18% of the participants received this designation). The faculty sponsors of the teams were Erin McNelis and Jeffrey Lawson. Several students from Western also participated in the Virginia Tech Regional Mathematics Contest and the William Lowell Putnam Competition. (Submitted by Risto Atanasov)

### Wofford College (Spartanburg, SC)

The department has been very busy lately as we are

revamping the curriculum for the mathematics major in order to provide students the opportunity to pursue a concentration in pure mathematics or in applied mathematics. The department is pleased that Drs. Joseph Spivey, Anne Catlla, and Matt Cathey were all accepted last spring to Project NExT-SE, the Southeastern Section version of the national professional development group for new professors in mathematics. Dr. Spivey co-organized and moderated the panel "Beyond TA Training: Curriculum Development by Graduate Students" which took place at the Joint Mathematics Meetings this past January; he also gave a talk on "Calculus II for Students with an AP Background" at the MAA-SE Section Meeting in March 2009. His paper "A Transition Course from Advanced Placement to College Calculus," joint work with Tim Lucas, is set to appear in the journal PRIMUS in early 2011.

Dr. Anne Catlla has given presentations at UNC-Asheville, the AMS Southeast Section Meeting and the SIAM Conference on Applications of Dynamical Systems over the past year; her paper on "Dynamics of hepatitis B virus infection: what causes viral clearance?" written with Stanca Ciupe, Jonathan Forde, and David Schaeffer, has been accepted for publication in a special issue of the journal *Mathematical Population Studies*. Dr. Angela Shiflet, along with her husband, biologist George Shiflet, gave a talk on "Spread-of-Disease Modeling in a Microbiology Course" at the International Conference on Computational Science; she also gave a talk at LaGrange College in October 2009 on "Computational Science Coursework and Internships: Applying Mathematics and Computer Science to Important Scientific Problems." Charlotte Knotts-Zides presented a paper on "Math, Murder and Mystery: Detective Fiction and Mathematics" at the Portland Mathfest in August 2009; she also served as a consultant for a mathematics program review of another small liberal arts college in the southeast.

This summer, a number of our students completed internships or research experiences. Russell Glenn, a senior math-chemistry-physics major, completed an internship on "Polymodal Imaging Response Assessment and Targeting (PIRATE) Research" at St. Jude Children's Hospital this summer; Russell also gave a talk about Pythagoras at the MAA-SE meeting in March 2009. Mitch Worley, a junior math and chemistry major, studied "Outcomes of Pulmonary Carcinoids, Typical and Atypical" during his internship with Greenville Hospital System and Furman University. Mitch Allen, a mathematics minor, completed an IMLP Internship with General Electric. Manan Gupta and Christian Wulf spent the summer at Macalester College researching the pattern-forming CDIMA chemical reaction with Dr. Anne Catlla. (Submitted by Charlotte Knotts-Zides)

## ANNUAL SECTION MEETING INFORMATION

**Eighty-eighth Annual Meeting**  
**Mathematical Association of America, Southeastern Section**  
**Belmont University**

**Eighty-ninth Annual Meeting**  
**Mathematical Association of America, Southeastern Section**  
**Elon University**

**Friday – Saturday, March 26 – 27, 2010**

**Meeting Announcement:** The eighty-ninth annual meeting of the Southeastern Section of the Mathematical Association of America will be held on Friday and Saturday, March 26 – 27, 2010 at Elon University in Elon, North Carolina. The Association invites all interested persons to participate and asks that department chairpersons, faculty, and members of the Section help in publicizing the meeting. Attendees may pre-register by completing the printed form in this newsletter and sending payment to Elon University Mathematics Department at the address below or online registration is available at <http://apcxcs2.apsu.edu/maases/registration>. On-site registration will also be available. Up-to-date information about the conference (program, registration, accommodations, transportation, etc.) is maintained at the conference web site (<http://math.elon.edu/maaconference>), which is accessible through the Section web site <http://www.maa.org/southeastern>.

**General Sessions:** There will be three general sessions with four speakers on Friday and Saturday:

- **Betty Mayfield**, Hood College, First Vice-President of the MAA
  - **Ron Gould**, Emory University, 2009-2010 Section Lecturer
  - **Hugh Howards**, Wake Forest University, 2009 Section Teaching Award Recipient
- Patrick Bahls**, University of North Carolina-Asheville, Recipient of the 2009 Section Teaching Award for Beginning Faculty

**Short Courses and Workshop:** There are three excellent short courses and an excellent workshop on Friday morning for which there is a separate registration using the enclosed form and sent to MAA-SE Secretary John Harris ([john.harris@furman.edu](mailto:john.harris@furman.edu)). These courses are:

- *Successful Grant Writing*, Tina Straley (Executive Director MAA)
  - *Teaching Differential Equations Inquiry-Style*, Karen Keene (North Carolina State University)
  - *Introduction to Latex*, Nell Rayburn (Austin Peay State University)
- Hidden Linearity, Convexity, and Separability in Nonlinear Programming*, Elmor Peterson (Systems Science Consulting)

A fuller description of the short courses, including abstracts, is given at the end of this announcement as well as on the conference web site.

**Call For Contributed Papers:** The officers of the Section invite and encourage submission of titles and abstracts for fifteen-minute (20 minutes between the start of one talk to the start of the next) contributed papers in all areas of mathematics by college and university faculty, graduate students, undergradu-

**Continued on page 29**

## Student Activities at the MAA SE Section Meeting March 25-27, 2009

### Undergraduate Student Presentations and Poster Session



#### Poster Session Saturday a.m. Talks throughout meeting

Present your research in a talk or with a poster. Abstracts for talks and posters can be submitted through the meeting web site.

Contact Catherine Matos  
[cmatos@clayton.edu](mailto:cmatos@clayton.edu)  
or Sarah Mason  
([sarahkmason@gmail.com](mailto:sarahkmason@gmail.com))  
for more information.

### Math Jeopardy

#### Qualifying rounds Friday a.m. Finals Saturday noon

Teams of 3-4 undergraduate students compete in this classic game, with clever questions (oops, answers) from calculus and other courses in the first two years of the mathematics curriculum.

Register in advance by contacting Ron Taylor ([rtaylor@berry.edu](mailto:rtaylor@berry.edu))





## Math T-shirt Contest

Show off your geek chic. A prize will be awarded to the undergraduate math club or Jeopardy team with the best mathematically-themed T-shirt. All Jeopardy teams will be considered automatically.

Other groups can register for the contest by contacting Laurie Heyer ([lahey@davidson.edu](mailto:lahey@ davidson.edu)).

## Graduate School and Career Fair

### Friday noon

Is graduate school in your future? Need a job? Meet with representatives of graduate programs and employers.

- Pizza lunch (free for students)
- Networking
- Door prize raffle for students

Graduate programs and employers should contact Laurie Heyer ([lahey@davidson.edu](mailto:lahey@davidson.edu)) to register.



## Treasure Hunt

### Thursday p.m.

Arrive to the meeting early for fun activities and mathematical puzzles. Meet students from all over the Southeastern Section of the MAA. To participate, contact Laurie Heyer ([lahey@davidson.edu](mailto:lahey@davidson.edu)).

**Meeting Information (continued from page 26)**

ates, and others. Abstract submissions can be made on the web at <http://apcxcs2.apsu.edu/maases/abstract> or send information to the Program Chairperson (Jim Vandergriff, [vandergriffj@apsu.edu](mailto:vandergriffj@apsu.edu)) before **Monday, March 1, 2010** in order for the abstract and title to appear in the printed program of the meeting. It will be very helpful if individuals send this information in advance of this deadline. Talks will be scheduled in concurrent sessions and organized, to the extent possible, by the general mathematical area indicated by the abstract. There will also be special sessions for selected mathematical areas:

- *History of Math*
  - *Applied and Computational Mathematics*
  - *The Use of Online Homework Systems*
  - *Teaching Geometry*
  - *Teaching Statistical Inference*
  - *Ranking and Clustering*
  - *Engaging Undergraduates in Mathematical Research: the Instructor's Experience*
  - *Presentations by Beginning Faculty*
- Mathematics in the Two Year College*

**Guidelines for Titles and Abstracts:** Abstracts are expected to deal with theory, application, teaching, history, or philosophy of mathematical sciences; they should indicate what the presenter intends to communicate in the allotted time. For multiple authors, the presenting author's name should be clearly designated; please identify undergraduate and graduate student authors. The use of special symbols should be made judiciously.

**Poster Session:** Students are encouraged to present research and results of special projects in poster format. The session is scheduled for Saturday morning, concurrent with contributed talks. Abstracts can be submitted using the URL address (<http://apcxcs2.apsu.edu/maases/abstract>) or by contacting the organizers Sarah Mason ([sarahkmason@gmail.com](mailto:sarahkmason@gmail.com)) or Catherine Matos (Clayton State, [cmatos@clayton.edu](mailto:cmatos@clayton.edu)) by **Monday March 1, 2010** to ensure that an easel or trifold will be available for your poster.

**Math Jeopardy Contest:** Teams of three or four undergraduates will compete in a mathematical version of the well-known answer-and-question game. Competition is limited. There is a \$25.00 registration fee for each team. Topics will include calculus (single and multi-variable), linear algebra, differential equations, and discrete mathematics. The preliminary rounds for Math Jeopardy will be scheduled on Friday morning from 8:00-12:00. To register a team or to find out more, contact Ron Taylor ([rtaylor@berry.edu](mailto:rtaylor@berry.edu)).

**Project NExT-SE:** Project NExT-SE (New Experiences in Teaching) is the Southeastern MAA Section's version of the national program for new and recent PhD's in mathematical sciences interested in improving the learning and teaching of undergraduate mathematics. Activities on Thursday afternoon are planned as well as sessions on Friday morning. Contact Martha Allen ([Martha.allen@gcsu.edu](mailto:Martha.allen@gcsu.edu)), Patrick Bahls ([pbahls@unca.edu](mailto:pbahls@unca.edu)), or Karen O'Hara ([kohara@linus.highpoint.edu](mailto:kohara@linus.highpoint.edu)).

**Treasure Hunt:** On Thursday evening (March 25), there will be a Mathematics Treasure Hunt for students and their advisors. Students will use mathematics to solve clues and look for a "treasure." This is a fun, non-competitive event that will give students an opportunity to meet and work with students from other colleges and universities. It is also greatly appreciated if math club advisors would be willing to help at this event. If you have any questions or would like to volunteer to help, please contact Laurie

Heyer ([lahey@dauidson.edu](mailto:lahey@dauidson.edu)). Check-in is between 7:00pm and 7:30pm in the lobby of Koury Business Center with the event starting at 7:30pm.

**Graduate School and Career Fair:** In this venue, students considering graduate school in mathematical sciences have opportunities to meet with representatives of various graduate programs. In addition, those seeking jobs in industry, business or government in the mathematical sciences can meet with potential employers. Faculty mentors are also welcome. Pizza will be served (free for students), and a raffle will be held for students visiting the exhibits. Representatives of graduate programs should contact Laurie Heyer ([lahey@dauidson.edu](mailto:lahey@dauidson.edu)) by March 1 to register their participation (\$25 fee payable to Elon).

**Math T-shirt Contest:**

The best mathematics T-shirt at the meeting will be recognized with an announcement, a certificate, and a featured picture in the fall newsletter. Get your Math Club organized now for a great T-shirt in the spring.

**Chairpersons’ Meeting and Liaisons’ Luncheon:** The Chairpersons’ meeting, scheduled for 10:30 to 12:00 on Saturday, is an opportunity for discussion of issues confronting the departments. Bruce Atkinson ([bwatkins@samford.edu](mailto:bwatkins@samford.edu)) will convene the Chairpersons. MAA Liaisons will meet from 11:30 to 12:30 on Friday, convened by Section Governor Stephen Davis ([stdavis@dauidson.edu](mailto:stdavis@dauidson.edu)). A box lunch will be provided for those liaisons attending. Please e-mail Jim Beuerle ([jbeuerle@elon.edu](mailto:jbeuerle@elon.edu)) by March 1 if you are planning on attending.

**Exhibits:** On Friday afternoon and Saturday morning, representatives of publishing companies and other vendors will have exhibits.

**Social Event:** The site coordination committee at Elon is planning a **banquet** and **entertainment**. Details will follow in subsequent communications.

**(Pre-) Registration:** Pre-registration for the meeting is encouraged; on-site registration will also be available. Online registration is available through the conference web site. This is the preferred method of pre-registration. Alternatively, complete the attached form and enclose a check payable to MAA-SE for the appropriate amount to

MAA-SE Annual Meeting  
 Attn: Jim Beuerle  
 Department of Mathematics  
 Campus Box 2320  
 Elon University  
 Elon, NC 27244

<b>Fees</b>	<b>Pre-registered</b>	<b>After March 1 February</b>
Faculty meeting registration	\$25	\$35
College/university students, emeritus faculty	\$10	\$15
High school teachers	\$15	\$20
High school students	free	free
Conference Dinner	\$24 for Faculty, \$18 for students	

Participants in the short courses should pre-register; use the enclosed form and send it to John Harris, Secretary/Treasurer, MAA-SE, at the address shown on the form.

**Hotel Information:** For more current hotel information, please check out the information posted at <http://math.elon.edu/maaconference>. Participants should make their own arrangements directly with a hotel of their choice. 227 rooms blocked in four area hotels, all within 10 minute drive of the campus, has been reserved for Thursday, Friday and Saturday, March 25-27 at the following hotels. Please cite the group name MAA-SE when making a reservation. All rates are subject to sales tax. Reservation deadline is February 28, 2010.

- Best Western, DQ – 97 rooms \$85, (336)584-0151
- Country Inn Suites, Double Queen – 25 rooms \$90, King – 25 rooms \$95 (336) 584-1115
- Courtyard by Marriott, 40 rooms, \$89 per night (336) 585-1888
- Hampton Inn, 40 rooms, \$119 per night (336) 584-8585
- **Other area hotels**
  - o American's Best Value Inn, Exit 145, 336-227-3681 or 800-329-7466
  - o Motel 6, Exit 145, 336-226-1325 or 800-4MOTEL6
  - o Econo Lodge, Exit 145, 800-4-CHOICE
  - o Ramada Inn, Exit 143, 336-227-5541 or 800-2RAMADA
  - o La Quinta Inn, Exit 145, 800-531-5900
  - o Scottish Inn, Exit 145, 336-227-2003 or 800-251-1962
  - o Microtel Inn and Suites, Exit 145, 338-227-1515 or 888-771-7171
  - o Acorn Inn Bed & Breakfast, 2 blocks from campus, (336) 585-0167

**Transportation and Directions**

The conference will take place at Elon University, 60 miles from Raleigh-Durham airport. Driving directions can be found at <http://math.elon.edu/maaconference/TravelInformation>.

**Updates:** Updates to this announcement and ultimately a tentative schedule of talks will appear on the conference web page, which is accessible through the section web page.

**SHORT COURSES**  
**MAA SOUTHEASTERN SECTION 89<sup>TH</sup> MEETING**  
**ELON UNIVERSITY**

There are three short courses and one workshop, and these run from 8:30 to 11:30 on Friday. Pre-registration for these courses should be made through John Harris by March 1. An insufficient number of pre-registrations could lead to cancellation of one of the courses; on-site registration may be possible, subject to availability of spaces.

*Successful Grant Writing*, Tina Straley (Executive Director MAA)

Attendees should come with grant ideas written out in a 1-2 page prospectus. For the first hour, I will give them guidance on what makes a good proposal, and then in the second part, they will share their ideas and critique each others' prospectuses in a panel format.

*Teaching Differential Equations Inquiry-Style*, Karen Keene (North Carolina State University)

In this short course, Dr. Karen Keene will present some of the material in an innovative first semester differential equations course. The course is inquiry-oriented, in that the students work on context based tasks to learn the conceptual underpinnings of finding solutions and structuring solutions to differential equations. Then they reinvent the solution methods for first order and linear systems of differential equations. Emphasis is on qualitative analysis of solutions. Those attending will work through some of the tasks that are used in the materials and with the java applets that the course uses. Experience with Differential Equations is not required.

These materials are new and were developed by Dr. Chris Rasmussen of San Diego State University and colleagues. They have been used in approximately 20 universities in the United States and Korea. Last year, they were used at Elon University, North Carolina.

*Introduction to LaTeX*, Nell Rayburn (Austin Peay State University)

Designed for beginners to LaTeX, this hands-on short course is designed to teach participants how to create documents and typeset mathematical expressions. We will also discuss issues involved in installation of a LaTeX system on a personal computer. The emphasis will be on using software implementations which are free, although the TeX and LaTeX syntax that we will learn is standard across platforms. A bibliography of reference materials will be provided. At the end of the course, participants should be comfortable typesetting something like:

$$s = \sqrt{\frac{1}{n} \sum_{i=1}^{\infty} p_i (x_i - \bar{x})^2}$$

*Hidden Linearity, Convexity, and Separability in Nonlinear Programming*, Elmor L. Peterson (Systems Science Consulting, The Research Triangle NC)

The true essence of “geometric programming” (including both the original prototype “algebraic geometric programming” and its various generalizations, which have been evolving over the past 49 years) will be illustrated via two simple concrete examples -- the optimal sizing of a wire, and the optimal transport of gravel across a river. Using only introductory multi-variable differential calculus and elementary linear algebra, the speaker will also describe newer applications of GP -- to the iterative numerical solution of large-scale systems of linear equations and/or linear inequalities (including large-scale linear optimization problems). Finally, recent developments within stochastic optimization will be described if time permits.





**PRE-REGISTRATION FORM**

Southeastern Section MAA  
March 26-March 27, 2010

**Contact Information:**

**Name:** \_\_\_\_\_  
(First and Last name as you wish it to appear on conference badge.)

**School Affiliation:** \_\_\_\_\_ **State** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Email Address:** \_\_\_\_\_

**Please check all that apply to you**

- Undergraduate Student                       Graduate Student  
 Business/Industry/Government            High School Teacher  
 Are you an MAA Member? Yes  No       Are you under the age of 21? Yes  No   
 Faculty member at a college or university-check the highest Math degree offered  
 Associate                       Bachelor                       Masters                       Doctorate

**Conference Fees:**

Please complete the following and total the amount of fees for your registration:

<b><i>Meeting Registration Fees</i></b>	<b><i>Up to March 1</i></b>	<b><i>After March 1</i></b>	<b><i>Amount</i></b>
College/university faculty	\$25	\$35	_____
College/university students, emeritus faculty	\$10	\$15	_____
High school teacher	\$15	\$20	_____
High school student	free	free	_____
Conference Dinner (# attending _____) x \$24 (\$18 for students)			_____
	If under age 21, please check here _____		

**Total Fees** \_\_\_\_\_ \$ \_\_\_\_\_

Please include a check payable to **MAA-SE** for the **Total Fees** along with the registration form and mail to:

**MAA-SE Annual Meeting, Attn: Jim Beuerle**  
**Department of Mathematics**  
**Campus Box 2320**  
**Elon University**  
**Elon, NC 27244**

If you have questions, please contact: 336-278-6284(voice) or by email [maase2010@elon.edu](mailto:maase2010@elon.edu)

- NOTES:**
- ❖ For housing and more detailed information about the conference, Elon, or the Elon area, please visit the conference website at: <http://math.elon.edu/maaconference/>.
  - ❖ You may register for a SHORT COURSE by completing a separate form. Please check the Section newsletter or the conference website.

## MAA-SE Short Course Registration

A printable version of this form is available on the meeting website <http://math.elon.edu/maaconference>

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

School Affiliation \_\_\_\_\_

E-mail \_\_\_\_\_

Phone \_\_\_\_\_

Indicate your preference of course by checking the appropriate line; if you have more than one choice, indicate your first choice as 1, your second as 2, etc.

\_\_\_\_\_ *Successful Grant Writing*, Tina Straley (Executive Director MAA)

\_\_\_\_\_ *Teaching Differential Equations Inquiry-Style*, Karen Keene (North Carolina State University)

\_\_\_\_\_ *Introduction to LaTeX*, Nell Rayburn (Austin Peay State University)

\_\_\_\_\_ *Hidden Linearity, Convexity, and Separability in Nonlinear Programming*, Elmor L. Peterson  
(Systems Science Consulting, The Research Triangle NC)

Mail this completed form with a check **payable to the MAA** in the amount of \$25.00 (non-refundable) before **March 1, 2010** (\$35 after March 1 and on-site registration) to the Secretary-Treasurer:

John Harris, Secretary/Treasurer, MAA-SE  
Department of Mathematics  
Furman University  
Greenville, SC 29613  
[John.harris@furman.edu](mailto:John.harris@furman.edu)  
(864)294-3638

## **SOUTHEASTERN SECTION OFFICERS 2009-2010**

<b>Chair:</b>	Bruce Atkinson (Samford University) <a href="mailto:bwatkins@samford.edu">bwatkins@samford.edu</a>
<b>Past Chair:</b>	Martha Abell (Georgia Southern University) <a href="mailto:martha@georgiasouthern.edu">martha@georgiasouthern.edu</a>
<b>Vice-Chair For Two-Year Colleges:</b>	Queen Harris (Georgia Perimeter College) <a href="mailto:Queen.Harris@gpc.edu">Queen.Harris@gpc.edu</a>
<b>Secretary-Treasurer:</b>	John Harris (Furman University) <a href="mailto:john.harris@furman.edu">john.harris@furman.edu</a>
<b>Section Governor:</b>	Stephen Davis (Davidson College) <a href="mailto:stdavis@davidson.edu">stdavis@davidson.edu</a>
<b>Section Lecturer:</b>	Ron Gould <a href="mailto:rg@mathcs.emory.edu">rg@mathcs.emory.edu</a>
<b>Newsletter Editor:</b>	Sarah Raynor (Wake Forest University) <a href="mailto:raynorsg@wfu.edu">raynorsg@wfu.edu</a>
<b>Program Chair:</b>	Jim Vandergriff (Austin Peay State University) <a href="mailto:vandergriffj@apsu.edu">vandergriffj@apsu.edu</a>
<b>Student Activities Coordinator:</b>	Laurie Heyer (Davidson College) <a href="mailto:lahey@davidson.edu">lahey@davidson.edu</a>
<b>Beginning Faculty Coordinator:</b>	David Stone (Georgia Southern University) <a href="mailto:dstone@georgiasouthern.edu">dstone@georgiasouthern.edu</a>
<b>State Director Alabama:</b>	Emily Hynds (Samford University) <a href="mailto:eahynds@samford.edu">eahynds@samford.edu</a>
<b>State Director Georgia:</b>	Lila Roberts (Clayton State University) <a href="mailto:LilaRoberts@clayton.edu">LilaRoberts@clayton.edu</a>
<b>State Director North Carolina:</b>	Jennifer Hontz (Meredith College) <a href="mailto:hontzjen@meredith.edu">hontzjen@meredith.edu</a>
<b>State Director South Carolina:</b>	Mei-Qin Chen (The Citadel) <a href="mailto:chenm@citadel.edu">chenm@citadel.edu</a>
<b>State Director Tennessee:</b>	Brian O'Connor (Tennessee Tech. University) <a href="mailto:bmoc@tntech.edu">bmoc@tntech.edu</a>
<b>Webmaster:</b>	Jeff Clark (Elon University) <a href="mailto:clarkj@elon.edu">clarkj@elon.edu</a>
<b>Historian:</b>	Virginia Watson (Kennesaw State University) <a href="mailto:vwatson@kennesaw.edu">vwatson@kennesaw.edu</a>
<b>Director of Project NeXt-SE:</b>	Martha Allen (Georgia College and State University), Patrick Bahls (University of North Carolina, Asheville), Karen O'Hara (High Point University), and Ron Taylor (Berry College) <a href="mailto:martha.allen@gcsu.edu">martha.allen@gcsu.edu</a> , <a href="mailto:pbahls@unca.edu">pbahls@unca.edu</a> , <a href="mailto:kohara@highpoint.edu">kohara@highpoint.edu</a> , <a href="mailto:rtaylor@berry.edu">rtaylor@berry.edu</a> (respectively)

## **MAA SOUTHEASTERN SECTION COMMITTEES** **2009-2010**

<b>Newsletter:</b>	Sarah Raynor (Chair) Philippe Laval
<b>Section Teaching Award:</b>	David Sumner (Chair) Ron Gould State Directors
<b>Section Service Award:</b>	Joel Brawley (Chair) Sylvia Bozeman Jeff Dodd Theresa Early Gary Hall W. Hugh Haynsworth Ben Klein
<b>Nominations:</b>	Ray Collings (Chair) Andrew Hetzel Charlotte Knott-Zides Bernie Mullens Wanda Patterson
<b>Site Selection:</b>	Narenda Govil (Chair) Mei Chen Pat Humphrey
<b>Site Organizer (Belmont):</b>	Crista Arangala Jeff Clark

**Southeastern Section MAA Website**  
**<http://frodo.elon.edu/maase/>**