



# South Carolina Council of Teachers of Mathematics

September 2013

Volume IX, Issue 3

## In This Issue

- President's Greetings
- Conference Highlights
- Volunteer Opportunities
- Website Information
- In Memoriam
- CUSCTM
- CCSS News
- NCTM News
- 2013 Elections
- Career Opportunity
- Sponsors
- Metric Week
- Conference Registration
- 2012-2013 Officers
- SCCTM Managers & Committee Chairs
- Calendar

## President's Greeting

Hello Mathematics Educators,

It's almost that time of year! Our annual SCCTM Fall Conference will be here before you know it. Make your plans now to attend the conference on October 24 and 25 this year in Greenville at the TD Convention Center. Our past President, Cindy Parker, has some great keynote speakers and presenters lined up to present at the conference this year. This is a great opportunity for you to get some professional development hours for recertification. There are many sessions dedicated to CCSS. There will be "Mountains of Mathematics" for you to enjoy. Also, don't forget to purchase your tickets early for the Author's Luncheon and make your hotel reservations. I look forward to seeing you in Greenville!



*Karen Threlkeld*  
[scctmpresident@gmail.com](mailto:scctmpresident@gmail.com)

We encourage you to follow us on



Facebook

## Team Up with CASIO and Ten80 Education at SCCTM

Don't miss the  
Ten80 Student Racing Challenge  
and CASIO Workshops...  
where mathematics meets NASCAR!



Stop by the CASIO Booth #1  
for all the action.

October 24-25, 2013

**CASIO.**  
Simply Calculate The Difference!



PRIZM fx-CG10

## 2013 SCCTM Platinum Sponsors

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Math Instruction in  
Your Classroom, School,  
& District with



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- Deepens Student Engagement
- Builds Teacher Capacity

Tabor Rotation Institutes,  
Training Packages, and On-Site  
Consultations get RESULTS!

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*An investment in knowledge pays  
the best interest.  
Benjamin Franklin*

## CONFERENCE HIGHLIGHTS

The annual SCCTM fall conference will be in Greenville at the TD Convention Center on October 24-25. We have sessions for every age group from pre-K to Post secondary. Many of our sessions are geared specifically for preparing for the CCSS. Keynote speakers include Jerry Pollatta, writer of the Icky Bug Books as well as many ABC Books, and Glenna Tabor, creator of Tabor Rotation. Featured speakers include the NASCAR Ten80 Education Team sponsored by Casio and a special activities room sponsored by EdVenture Children's Museum. We will have our third annual Authors' Luncheon where we will hear from authors Jerry Pollatta, Jonathan Miller, and Candace Brucke. You can also extend the fun and hike a Paris Mountain trail while following the math trail. Hotels are booking fast, please make your reservations. Online registration can be found at [www.scctmprogram.org](http://www.scctmprogram.org).

**We look forward to seeing you in Greenville!**

## VOLUNTEER OPPORTUNITIES

We appreciate our members who have helped in the past to assist with Fall Conference Registration. Suzanne Peterson, SCCTM Secretary, needs volunteers to help again this year. If you can assist, please email Suzanne ([speterson@lexington1.net](mailto:speterson@lexington1.net)). You can certainly volunteer for more than one shift.

Registration personnel are needed for these times:

Wednesday, October 23

4:30 pm to 6:00 pm  
6:00 pm to 7:30 pm

Thursday, October 24

7:30 am to 9:30 am  
8:30 am to 10:30 am  
9:30 am to 11:30 am  
10:30 am to 12:30 pm  
11:30 am to 1:30 pm  
12:30 pm to 2:30 pm  
1:30 pm to 3:30 pm  
2:30 pm to 4:30 pm

Friday, October 25

7:20 am to 9:30 am

## Website Information

We have added a new website with current information. Please check out [www.scctmprogram.org](http://www.scctmprogram.org) for information on and forms for the 2013 Fall Conference, Scholarship Opportunities, Professional Development Events, and our 2013 Sponsors. Find current and old pictures in the Photo Gallery as these are updated.

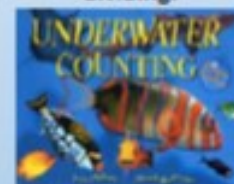
## In Memoriam Dr. Louise M. Smith

We recently lost one of our organization's early leaders, Dr. Louise M. Smith. She passed away on August 12, 2013 and will forever be remembered as one of our state's most beloved teachers of mathematics. She has inspired many South Carolina mathematics teachers and will be missed.

## Jerry Pallotta

Children's book Author.

Jerry's beautifully illustrated series of elementary math books include titles on adding, subtracting, multiplying, and dividing.



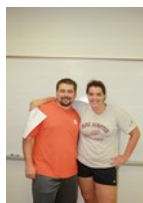
More information is available on

[www.jerrypallotta.com](http://www.jerrypallotta.com)

**2013 SCCTM  
Platinum Sponsor**

## CUSCTM

Our student affiliate group from Clemson University has been very busy! They participated in Tiger Prowl which allows every organization at Clemson to set up a table of information for distribution to the students. They had their first meeting on Tuesday, August 27 and had quite a crowd! We had a drawing for two SCCTM memberships and two Conference registrations from the cards left at Tiger Prowl and those at the first meeting.



Hunter Moody and Rebecca Kinross each won a SCCTM membership for 2013—14. Jonathan Zazinski and Rebekeh Fogle each won a free conference registration.

The CUSCTM is very active in the community and volunteer their time to tutor students in the area. In addition, they will help serve as student pages at our fall conference in Greenville.



## CCSS News

### **Common Core State Standards for Mathematics Statement by Presidents of CBMS Member professional Societies**

In a great act of foresight for this nation, most of the states have now adopted a consistent set of expectations for school mathematics, called the Common Core State Standards. Building on long years of work, the Common Core State Standards are an auspicious advance in mathematics education. They define the mathematical knowledge and skill that students need in order to be ready for college and career, and provide the basis for a curriculum that is focused and coherent. If properly implemented, these rigorous new standards hold the promise of elevating the mathematical knowledge and skill of every young American to levels competitive with the best in the world, of preparing our college entrants to undertake advanced work in the mathematical sciences, and of readying the next generation for the jobs their world will demand. Much remains to be done to implement the standards, in curriculum, assessment, and teacher education. But we now have, for the first time in our history, a common blueprint for this work across state lines. This is not the time to turn away from our good fortune. We, the undersigned presidents of the following member societies of CBMS, hereby express our strong support for the Common Core State Standards for Mathematics.



James Roznowski  
American Mathematical Association  
Of Two Year Colleges

Hans Kuensch  
Institute of Mathematical Statistics

David Vogan  
American Mathematical Society

Robert Devaney  
Mathematical Association of America

Marie Davidian  
American Statistical Association

Nathaniel Dean  
National Association of Mathematicians

Alasdair Urquhart  
Association for Symbolic Logic

Valerie Mills  
National Council of Supervisors of Mathematics

Ruth Charney  
Association for Women in Mathematics

Linda Gojak  
National Council of Teachers of Mathematics

Fran Arbaugh  
Association of Mathematics Teacher  
Educators

Irene Fonseca  
Society for Industrial and Applied Mathematics

Diana Kasbaum  
Association of State Supervisors of  
Mathematics

Don Balka  
TODOS: Mathematics for ALL

Vanessa Cleaver  
Benjamin Bannecker Association

## NCTM News

### Supporting the Common Core State Standards for Mathematics

The widespread adoption of the Common Core State Standards for Mathematics (CCSSM) presents an unprecedented opportunity for systemic improvement in mathematics education in the United States. The Common Core State Standards offer a foundation for the development of more rigorous, focused, and coherent mathematics curricula, instruction, and assessments that promote conceptual understanding and reasoning as well as skill fluency. This foundation will help to ensure that all students are ready for college and careers when they graduate from high school and that they are prepared to take their place as productive, full participants in society.

The National Council of Teachers of Mathematics (NCTM) is committed to helping educators interpret and understand the Common Core State Standards. The Council supports educators' efforts to develop and put in place the associated comprehensive and coherent school, district, and state systems of instruction and assessment. Instruction and assessment that are aligned with these standards must be rooted in and promote principles of access and equity. When properly implemented, the Common State Standards will support all students' access to, and success in, high-quality mathematics programs. Such programs lead to knowledge of mathematics content and reasoning skills that enable students to apply mathematics effectively in a myriad of careers and in everyday life.

The Common Core State Standards are a significant component of systemic improvement in mathematics learning, but on their own they are not sufficient to produce the mathematics achievement that our country needs to be competitive in the global economy of the 21st century. Other factors are critical to realizing the potential of the Common Core:

- ☐ *Substantial opportunities for ongoing professional development* to ensure that all teachers understand and are prepared to implement the Common Core State Standards for Mathematics and that all administrators and policymakers understand teachers' needs
- ☐ *Accommodations in teacher evaluation systems* to allow time for the profession and institutions to adjust and adapt to the Common Core State Standards before evaluation systems include accountability for student achievement as one element of a valid, multifaceted teacher evaluation
- ☐ *Ample funding for education*, including funding for preschool education, to ensure that all students enter kindergarten with basic knowledge essential for school success
- ☐ *Funding for research and implementation of Common Core assessments* to ensure that these assessments meet the goal of measuring conceptual understanding and reasoning, as well as procedural fluency
- ☐ *Adequate state funding* to ensure that all students have access to Common Core assessments in formats that allow them to demonstrate their proficiency in all aspects of mathematics

Most important, all stakeholders must acknowledge that systemic improvement takes a number of years, and a long-term commitment to supporting the Common Core State Standards is necessary, even if initial assessment results do not show substantial improvements in student achievement.

Finally, for the Common Core State Standards to have long-term, positive effects on mathematics education, they must be dynamic. They must be updated periodically to reflect both emerging research on students' learning and practitioners' experiences with the current standards. NCTM is committed to working with other stakeholders to develop and implement a transparent, research-based process and realistic timetable for CCSSM's improvement over short, medium, and long terms to best support high levels of mathematics learning by all students.

## SCCTM 2013 Election

<http://www.surveymonkey.com/s/L6D3KPQ>

The South Carolina Council of Teachers of Mathematics holds elections each year. A President-Elect is elected every year with the winner holding an office for three years. During the first year this candidate serves as President-Elect, in the second year of office as President, and during the third year as Past President and Conference Chair. The Treasurer is elected for a four year term. Vice Presidents are elected for two year terms and may run for a second term, serving a maximum of four consecutive years. This year, our members select a President-Elect, Treasurer, Vice President of Middle School, Vice President of Post-Secondary, and Vice President at Large.



**Go to**

<http://www.surveymonkey.com/s/L6D3KPQ>

**to vote for your choice for**

**President-Elect  
Treasurer**

**Vice President of Middle School  
Vice President of Post-Secondary  
Vice President at-Large.**





## Candidates for the office of President-Elect



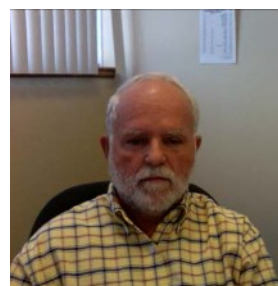
### Christi Fricks

Christi obtained her BS in Elementary Education from Lander University. She is currently a sixth-grade mathematics teacher at Lakeside Middle School of Inquiry and Innovation, a stem school, in Anderson, South Carolina. Christi is a member of the State Network of Educators for Smarter Balance and has been a Casio Presenter for the last several years. She is the Mathcounts Coach at Lakeside Middle School. Christi is a National Board Certified

Teacher and a Council of Presidential Awardee of Mathematics. She has served as the SCCTM Vice President for Middle Schools from 2010 until the present time and is a member of the South Carolina Middle School Association. Christi has presented previously at the SCCTM conference where she presented "Inquiring Minds Want to Know." In addition, Christi presented "Look Who's Talking Now" at an NCTM Regional Conference and "Discovering Middle School Mathematics with Technology" at an NCTM Annual Conference. Finally, she presented "Inquiring Minds Want to Know" at the Gifted and Talented State Conference.

### Dr. Bill Whitmire

Bill Whitmire is a Professor of Mathematics at Francis Marion University. He obtained his B.A. in Chemistry and Mathematics from Lander College and his M.A. in Mathematics Education from the University of Kentucky. Bill received his ED.S and Ph.D in Mathematics Education from the University of Georgia. Bill is a member of NCTM, SCCTM, the Association of Mathematics Teacher Educators, the Mathematical Association of America, the SC Middle School Association, the International Society for Technology in Education, the SC Association of Teacher Educators, Phi Kappa Phi, and Kappa Delta Phi. Bill has been an active member of SCCTM. He served as State Treasurer from 1980-82, Vice-President for Secondary Teachers in 1979, and Vice-President for Post-Secondary from 2009-2013. Bill has conducted workshops and presided at all meetings since 1976 as well as taking pre-service teachers to the conference where they may attend and conduct workshops. In addition, Bill has conducted workshops and presided at most annual meetings at National and Regional meetings since 1978. He has served as a member of textbook adoption committees for state and local school districts. In addition, Bill has taught inservice courses for elementary and secondary teachers, served as a mathematics consultant for several South Carolina school districts, developed technology manuals for Elementary mathematics courses, and assisted in developing mathematics curriculum for grades K-12.



## Candidates for the office of Treasurer



### Greg Colley

Greg obtained his Bachelor of Mechanical Engineering from Auburn University and a M.A. of Mathematics from the University of South Carolina. After working as an engineer in industry to twelve years, Greg changed careers and began teaching mathematics at PTC where he teaching Algebra, Statistics, and Calculus every semester. He also maintains and compiles all of the SACS data for PTC for all of the MAT 110 courses. Greg is a member of SCCTM as well as SOCAMATYC. In the last couple of years, he has presented “Paper versus Online Homework” and “Partially Flipping the Classroom” at the SOCAMATYC conference.

### Terrie Dew

Terrie received her B.S. in Mathematics from the University of South Carolina. In addition, she earned her Adolescent and Young Adulthood Mathematics, National Board Certification in 2001 and was renewed in 2012. Terrie joined S<sup>2</sup>Tem Centers SC in July 2001 as an Education Specialist. Her work currently focuses on training and supporting instructional coaches and supporting implementation of the Common Core State Standards for Mathematics. She is project leader for the IQ-MS Research Project and a training associated with the Center for Cognitive Coaching. Prior to joining S<sup>2</sup>Tem Center SC, Terrie taught mathematics at Berea High School in Greenville, SC. Her classroom teaching experience spans pre-algebra through AP Calculus and AP Statistics. Terrie is a currently a member of the High School Item Writing Team for the Smarter Balanced Assessment Consortium. In addition, Terrie was a member of the writing team for the State Middle School Math Curriculum Framework and was the Middle Level Chairperson for S. C. Academic Standards Writing Team in 2007. Terrie is a member of the NCTM, the National Council of Supervisors of Mathematics, the National Science Teachers Association, the National Science Education Leadership Association, Learning Forward, The SC Association of Mathematics Teacher Educators, the SC Council of Teachers of Mathematics, and the SC Leaders of Mathematics Education. Terrie has contributed many publications and presentations concerning mathematics instruction in the classroom.





## Candidates for the office of VP of Middle School



### Brenda Elmore

Brenda received her B.A. in Secondary Education, Mathematics from Clemson University and her M.A. in Administration and Supervision from the University of South Carolina. She currently has her Middle School Certification in Mathematics and an endorsement to teach Gifted and Talented as well as being IB trained.

Brenda has twenty year of experience teaching mathematics in both secondary and middle schools as well as six years of experience as a school administrator. She is currently the Instructional Coach at Riverside Middle School in Pendleton, SC. Brenda has presented at both the SCCTM and the NCTM conferences. She co-authored the Magnet School application for Lakeside Middle School to become Lakeside Middle School if Inquiry and Innovation, a STEM school. Brenda has served as MYP coordinator for an IB school and AVID site coordinator. She has worked with the Casio educational team to use the new Prizm graphing calculator in mathematics classes and developed and implemented lessons for the Inquiry in Motion Program for Clemson University. She was a certified Intel Master Teacher in Greenville County in 2003 and Baldrige trained at Woodmont High School in 2005. Brenda was Teacher of the Year at Pickens High School and Greer High School. She is currently a member of the SCCTM, High Schools that Work, Making Middle Grades Work, and PTO.



### Bernard Frost

Bernard received his B.A. in Education from Furman University where he pursued additional Course Work in Mathematics. He received his M.Ed. in Gifted Education from Converse College and is currently working on his Ed.D. in Administration Leadership for Teaching and Learning from Walden University. Bernard is currently a sixth-grade math teacher at Fairforest Middle School where he serves as Grade Level Math Curriculum coordinator. He has been the head Math teacher at the 21<sup>st</sup> Century Afterschool and Summer Enrichment Program. Bernard has designed curriculum, facilitated analysis of common assessment and developed intervention strategies for at-risk students. He also designed a Food Curriculum Guide as well as pacing guides for various levels of Math. Bernard teaches and assists with the curriculum selection for the after school program and conducts professional development for his school staff. He has been a member of the math Textbook Selection Committee and the School-wide Common Core Dream Team. He is a Common Core Standards- Math Trainer. Bernard also has had experience as a *Private Tutor and Education Consultant* for Spartanburg School District Six, Greenville County Schools and Union County Schools. He was a counselor and instructor for the *Bridges to a Brighter Future Summer Program* at Furman University from 2003-2007. Bernard is a member of the Association for Supervision and Curriculum Development, the SC Odyssey of the Mind Liaison and Competition Judge, Carolina TESOL Association, the SCCTM, the Palmetto State Teachers' Association and the SC Middle School Association. Bernard has been a popular presenter at the SCCTM conference for the last several years. He has given several presentations on engaging activities to get boys and girls interested in learning.

## Candidates for the office of VP of Post Secondary



### Kristen Abernathy

Kristen received her B.S. in Mathematics from Catawba College, her M.A. in Mathematics from Wake Forest University and her Ph.D. from North Carolina State University. She is currently an Assistant Professor of Mathematics at Winthrop University. Kristen is the chair of the departmental curriculum committee and a member of the university teacher education committee. She has served as a poster/abstract/talk judge and session chair for various mathematics conferences. Kristen is the faculty advisor for the undergraduate mathematics club at Winthrop University and she is the workshop organizer for Winston-Salem Math Circles. Kristen also serves as the co-organizer of Winthrop's summer research experience in mathematics. She is a member of the Mathematical Association of America Southeastern Sectional Newsletter Editor, Project NExT, the Mathematical Association of America, the American Mathematical Society, the Association for Women in Mathematics, the NCTM, and the SCCTM. Kristen has several publications and has presented at several conferences.

### Leigh Haltiwanger

Leigh graduated from Clemson University in 1997 with a BS in Mathematics Teaching. While she was at Summerville High School, Leigh earned her M.Ed. in Secondary Mathematics from the Citadel. She is currently working on her Ph.D in Curriculum and Instruction in Mathematics at Clemson University. Leigh has six years of experience teaching high school mathematics. For five years, she worked with numerous school and districts in South Carolina designing and delivering professional development in the areas of mathematical content, standards and standards alignment, formative and summative assessment, pedagogical content knowledge, best practices, and creating and sustaining professional learning communities as the Instructional Specialist for Mathematics with S<sup>2</sup>Tem. During this time, Leigh helped facilitate a group of South Carolina mathematics educators as they created the Common Core State Standards for Mathematics At-a-Glance Transitional Documents. She also provided on-site coaching support for mathematics instructional coaches and school and district administrative staff. For the past two years, Leigh has worked with undergraduate and graduate pre-service mathematics teachers at Clemson University. She has taught undergraduate and graduate courses and supervised secondary mathematics pre-service teachers during their student teaching experiences. Leigh is currently a member of the SC State Department of Education State Network of Educators for the Smarter Balanced Digital Library. She was a reviewer for *Mathematics Teaching in the Middle School* Journal from 2012 to 2013. Leigh is currently a member of Moving from Standards to Practice: Leading Tomorrow's Mathematics and Science Education in South Carolina and she is the faculty advisor for the Clemson University Student Council of Teachers of Mathematics (CUSCTM). Leigh is a member of the American Educational Research Association, the Association of Mathematics Teacher Educators, the International Reading Association, the NCTM, the National Science Teachers Association, the SC Association of Mathematics Teacher Educators, the SCLME, and the SCCTM. She has attended and presented at numerous state and national professional conferences and has had three publications accepted to mathematics education journals over the past two years.



## Candidates for the office of VP at-Large

### Morondo Lewis



Morondo received his degree in Math Education from South Carolina State University. He is currently a mathematics teacher at Eau Claire High School where he teaches Algebra I, Geometry, Pre-Calculus Honors, International Baccalaureate Math and AB and BC Calculus. Morondo is also the Girl's Volleyball Coach, the Girl's Basketball Coach and the Baseball Coach. He was a member of the state textbook committee and the State Online Curriculum Committee. Morondo is a member of the SCCTM and has served as the VP At-Large for the past two years.

### Gerald (Jerry) Marshall

Jerry received his B.S. in Chemical Engineering from North Carolina State and then obtained a M.S. in Library Science from Florida State University. He then received his M.A. in Mathematics from the University of Alabama and obtained his Ph.D. in Mathematics Education from Illinois State University. Jerry currently teaches at Tri-County Technical College in Pendleton, South Carolina where he served as the Head of the Mathematics Department from 2001 to 2012. He is the co-organizer of the Institute on Integrative STEM Teaching and Learning and a content Reviewer for the College Course Content Analysis, Educational Policy Improvement Center. Jerry was a group member of WebAssign Users Group at NC State University. He was a co-hose of the 2012 SC STEM summit in Lexington, South Carolina and has been a participant in many STEM Conferences. Jerry was a co-organizer for the AOP Jet Toy Challenge as part of the Clemson University ICAR pro gram in Greenville, South Carolina. He has chaired the Comprehensive Studies Mathematics Instructor Search and Screening Committee and has authored many grants. Jerry was a member of the design team for the South Carolina Course Alignment Project and has continued to be a team member during the pilot year as well as the first four phases of implementation. Jerry has been very active in the SOCAMATYC where he has served as presider at several conferences. Jerry is a member of The American Mathematical Association of Two-Year Colleges, the Association of Mathematics Teachers Educators, the International Technology and Engineering Educators Association, the Mathematical Association of America, the NCTM, the SCAMTE, the SCCTM, the SC Mathematical Association of Two Year Colleges, the South Carolina Technical Education Association, and the Tri-County Technical College Education Association. He has been a co-presenter at the SCTEA Annual conference, the SCCTM Fall Conference, the SOCAMATYC conference as well as many other conferences.



## Career Opportunity

### STEM Education Manager State Museum Commission

Link to [government.jobs.com](http://government.jobs.com)

The South Carolina State Museum is seeking a creative and energetic individual for a full-time STEM Education Manager. The STEM Education Manager will work in collaboration with a new team to develop STEM programming for our new expansion, Windows to New Worlds! This expansion includes a 55' dome planetarium, a 4D theater, a historic telescope gallery, and an on-site/on-line observatory! Working with other museum staff the STEM Education Manager will develop grant-funded professional development and student programming that maximizes the new educational components of the facility.

- ♦ Knowledge of STEM content areas and instructional strategies
- ♦ Experience training K-12 teachers
- ♦ Excellent interpersonal and team management skills
- ♦ Excellent computer and technology skills
- ♦ Bachelor's in Education or experience in a STEM education field
- ♦ 5 years classroom or science education teaching experience

#### **Minimum and Additional Requirements**

- ♦ Master's in Science Education and/or comparable experience in a STEM education field
- ♦ Engineering and applied mathematics knowledge
- ♦ Experience training volunteers and teachers
- ♦ Experience in incorporating the arts into science education
- ♦ Knowledge of and experience in social media and web-based education.

#### **Preferred Qualifications:**

#### **Additional Comments**

The STEM Education Manager also will manage and train seasonal science education staff and volunteers. They will manage, conduct and evaluate educator professional development activities along with develop and maintain school system and STEM education partnerships.

## SCCTM Sponsors and Donors

The South Carolina Council of Teachers of Mathematics seeks (1) to encourage and stimulate greater interest in mathematics and its applications; (2) to encourage and provide opportunities for exchange of ideas and materials related to the instruction of mathematics; (3) to further the cooperative study of problems related to the teaching of mathematics at all levels; and (4) to work for the improvement of mathematics instruction at all levels of education. As a nonprofit organization, SCCTM relies upon its membership; events; and business, institutional and private sponsorships and donations to help offset expenses and promote the advancement of mathematics educational opportunities for educators in the State of South Carolina.

We appreciate the continued support of past corporate and institutional sponsors. In the past such sponsorships were usually tied directly to our Fall Conference. Beginning with the 2012-2013 year SCCTM adopted a new policy for year-long acknowledgements and partnerships with our sponsor contributors and benefactors who provide the support that enables the organization to bring an exceptional level of Professional Development and Benefits to our members.

If you would like to **become a sponsor or make a contribution**, please complete the contact form at [www.scctmprogram.org](http://www.scctmprogram.org).

While all contributor levels are acknowledged here, additional recognition and partner opportunities are offered to our Platinum, Gold, and Silver Sponsors. Please be sure to check out the Platinum Sponsor websites, and note our sponsors' ads in this publication. As a member, please be sure to let these sponsors and contributors know you appreciate their support.

SCCTM gratefully acknowledges the following sponsors for the 2012-2013 year.

### **Platinum Sponsors**

(click on each Platinum Sponsor to link to their website)

**CASIO**  
**Glenna Tabor Resources, LLC**  
**Jerry Pallotta**

### **Gold Sponsors**

**Encore Technology Group**  
**Unified AV Systems**

***2013 SCCTM Fall Conference***  
***TD Convention Center***  
***Greenville, South Carolina***  
***October 24 & 25***  
***information at [www.scctmprogram.org](http://www.scctmprogram.org)***  
***Conference Registration Form—pg 17***





**SC Metric Week October 6 – 12, 2013, Governor's Proclamation****October 1, 2013**

Dear District Leader and/or Math & Science Coordinator:

Celebrating *Metric Week in South Carolina 2013* (October 6 – 12 this year) is very important for grades K-12. An announcement at each school in your district, and encouragement of metric system activities during and after Metric Week, would be an excellent idea. (Some easy-to-use ideas on celebrating Metric Week are available online at: <http://www.artsandsciences.sc.edu/cse> or [www.metric.org](http://www.metric.org).)

As you know, companies (which will eventually employ many of our students) are gradually producing products to metric system standards. This means that the jobs of tomorrow will require employees to be able to use metric units.

*In addition, I believe that one of the reasons for poor scores made by U.S. students in international tests lies in the disadvantage that they do not have the knowledge to easily work with metric system units - a knowledge that the competing students from the rest of the nations of the world possess. A research study in the 1970s showed that from 6 to 8 months of elementary arithmetic could be eliminated from educational curriculums by the simple adoption of the metric system.*

We now have over two hundred teachers and administrators certified as Metric Specialists in our Certification Program for South Carolina. These individuals serve as metric resource persons and may help you develop activities as we celebrate Metric Week. Also, a teacher or administrator who plans to become a Certified Metric Specialist may reach me by phone at (803) 777-7007 or email [djordan@sc.edu](mailto:djordan@sc.edu) (Center for Science Education, College of Arts & Sciences, Sumwalt, University of South Carolina, Columbia, SC 29208).

The certification is recommended and approved by the South Carolina Academy of Science (SCAS) and coordinated with the State Department of Education and the Office of Metric Programs at the National Institute of Standards & Technology, USC Department of Commerce. Special thank you goes to Governor Nikki R. Haley for her support of this worthwhile endeavor.

Sincerely,



Don Jordan, USC

**Go to  
[www.scctmprogram.com](http://www.scctmprogram.com) for  
more information**

<http://www.artsandsciences.sc.edu/cse> click on programs then metric for information on CMS.

\*\*\*\*\*

Check out the USMA & National Institute of Standards (NIST) Metric Programs at [www.metric.org](http://www.metric.org) & [www.nist.gov/metric](http://www.nist.gov/metric) It will be FUN! and others at: <http://www.artsandsciences.sc.edu/cse> click on Programs then Metric

**Teachers-** these sites have something for all grades!

We encourage your students to visit [www.MetrologyCareers.com](http://www.MetrologyCareers.com), where they can learn about careers in Metrology (measurement science). Currently, over 25 % of the metrology workforce is eligible to retire.

# State of South Carolina

## Governor's Proclamation

**WHEREAS,** the metric system is a uniform system of measuring in units of ten; and

**WHEREAS,** because most countries use the metric system and all international trade is conducted using metric measurements, it is essential that our young people be educated in the metric system to ensure their future success in the global economy; and

**WHEREAS,** research suggests that adopting the metric system in the United States would improve student performance on international tests and reduce the time spent teaching elementary arithmetic in our schools; and

**WHEREAS,** National Metric Week calls attention to the educational and economic benefits of using the metric system.

**NOW, THEREFORE,** I, Nikki R. Haley, Governor of the Great State of South Carolina, do hereby proclaim October 6-12, 2013, as

### STATE METRIC WEEK

throughout the state and encourage all South Carolinians to learn more about the metric system.



A handwritten signature in black ink, reading "Nikki R. Haley".

NIKKI R. HALEY  
GOVERNOR  
STATE OF SOUTH CAROLINA

## Membership Renewal & 2013 Conference Registration Instructions

Follow these easy steps to (a) renew your membership or join for the first time *and* (b) register for the **2013 Fall Conference** in Greenville, SC:

### Membership

To renew your membership in SCCTM, rejoin or join SCCTM for the first time, follow steps **1 through 6**:

1. Complete the top part of the Membership-Conference Registration form. Your *membership number* is the **five-digit number** from SCCTM (not NCTM) above your name on your membership postcard or items mailed by SCCTM. Your expiration date appears there also. *This number is essential for membership and registration data entry, but especially for name and address changes, as it eliminates duplicate membership records.* If you can't find it, we'll research for you to see if you've ever been a member of our organization.
2. The phone number you give us is published in a limited distribution membership list. If you do not want your home number printed, then give us your school/work or cell number and check the appropriate box.
3. Give up to **two e-mail addresses** (school/home), the school or office where you work, and the county where you are employed. *Your e-mail address will not be sold or given for mass emailing purposes, but may be used by officers, committee chairmen, and Corporate Sponsors to contact you.* Your conference badge will list the school where you work or the district if you're not at a school.
4. Select the level(s) of interest that fit your job or professional development. These are used for special interest mailings, such as Institute announcements, etc.
5. Check whether you are joining SCCTM for the first time, rejoining after an absence of a period of time, or renewing your membership from last year.
6. Check the membership amount you are paying; **\$15 for one year, \$40 for three years (saving \$5), or \$60.00 for five years (saving \$15).** Full-time students and retired educators can join for **\$10.00 for one year or \$25.00 for three years (saving \$5.00).** You can purchase a Life Membership for **\$315.00.**

For a small fee, credit cards can be processed on-line via a PayPal® link @ [www.sctmprogram.org](http://www.sctmprogram.org)!

**SPECIAL NOTICE:** Only the new 2013 Registration Form can be honored. If you use a form from a prior conference, it will be returned to you. The five-year membership is in place again.

### Conference Registration

Registering for the Fall Conference couldn't be simpler. One registration fee covers everything except the special luncheon! Just follow step 7:

7. Check the registration amount you are including. *Note the September 30, 2013, deadline to take advantage of the lower Registration fees!*
8. Indicate if you would like to attend the Authors Luncheon on Friday by including payment for it. Tickets may be limited, so don't delay!
9. Transfer the amount(s) you are paying to the *Payment Summary* section of the form

### Completing the Form

Follow step **10** for all uses of the form:

10. You can include a donation to the SCCTM Scholarships or All State Math Team, if you wish. Identify which fund you are contributing to, enter the amount you are contributing, and fill in the total.

Complete your check for the amount due. Mail the completed form and payment to the address on the form. You can again register on-line with a credit card using the secure PayPal® link. A small fee is necessary for us to offer this service. Follow the links on [www.sctmprogram.org](http://www.sctmprogram.org) and follow the instructions.

Your canceled check or PayPal acknowledgment will be your receipt for membership dues and conference registration. All conference materials will be available for pick up at the Conference beginning on Wednesday afternoon, October 23, 2013. *Periodic emails will be sent to notify you that your registration form has been received and processed.* Membership cards will be mailed after the conference to include any on-site membership payments, etc.

Please check your form *carefully*. *Incorrect or incomplete forms will slow the registration process, while incomplete or incorrect addresses make accurate mailings impossible.* Forms **without** complete payment **or** an official purchase order will **not** be processed! PayPal notifications will be processed as received. **Do Not Mail Hotel Registrations to SCCTM!**



## MEMBERSHIP &amp; FALL CONFERENCE 2013 REGISTRATION FORM

Mountains of Mathematics • Greenville, SC • October 24 &amp; 25, 2013

\* \* Complete one form per membership renewal or conference attendee! \* \*

## MEMBERSHIP INFORMATION: (Please type or print legibly)

NAME: \_\_\_\_\_ POSITION: \_\_\_\_\_ MEMBER# \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP+4: \_\_\_\_\_

PHONE: (\_\_\_\_) \_\_\_\_\_ [ ] HOME, [ ] CELL, [ ] SCHOOL, or [ ] WORK

Primary E-MAIL: \_\_\_\_\_

Alternate E-MAIL: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

COUNTY OF EMPLOYMENT: \_\_\_\_\_ Math/Science CENTER: \_\_\_\_\_

LEVEL(S) OF INTEREST: [ ] Primary (K - 2) [ ] Elementary (3 - 5) [ ] Middle/Jr. High (6 - 9)  
[ ] Secondary (9 - 12) [ ] College

CHECK MEMBERSHIP TYPE: [ ] RENEWAL or [ ] REJOIN or [ ] NEW

& MEMBERSHIP \$\$:

[ ] Regular:	\$15.00	(1 year)
[ ] Regular:	\$40.00	(3 years)
[ ] Regular:	\$60.00	(5 years)
[ ] Life:	\$315.00	(one time payment)
[ ] Student or Retired:	\$10.00	(1 year)
[ ] Student or Retired:	\$25.00	(3 years)

Early Registration  
Deadline Extended  
to 10/7/13

If paying membership only, transfer the amount to the MEMBERSHIP section below. If Life or paid beyond 2013, mark Life or NA there. Fill in the appropriate portion of the registration section of the Payment Schedule below to complete your conference registration.

PAYMENT SCHEDULE					AMOUNT INCLUDED
MEMBERSHIP:	1-Year	3-Years	5-Years	LIFE	
[ ] Regular	\$15.00	\$40.00	\$60.00	\$315.00	\$
[ ] Student/Retiree	\$10.00	\$25.00	.....	.....	\$
REGISTRATION:	REGULAR by 9/30/13	LATE/On Site after 9/30/13	ONE DAY ONLY [ ] THR or [ ] FRI		
[ ] Nonmember	\$100.00	\$110.00	\$60.00		\$
[ ] Active Member (Reg/Ret/Life)	\$75.00	\$85.00	\$45.00		\$
[ ] Student	\$25.00	\$30.00	\$15.00		\$
[ ] Authors Lunch (Memb)*	\$19.50	\$24.50	.....		\$
[ ] Authors Lunch (Non-memb)*	\$34.50	\$34.50	.....		\$
DONATIONS:					
[ ] SCCTM Scholarship Fund					\$
<b>TOTAL PD:</b>					<b>\$</b>

\* The Authors Luncheon has a limited number of tickets, determined by the initial response. On-Site tickets may not be available!

Mail completed form to:

SCCTM • PO Box 31911 • Charleston, SC 29417-1911

Registrants will be notified by email when their form has been processed. Receipts and name badges will be available for on-site pickup only. **NO FORMS WILL BE PROCESSED UNLESS CORRECT PAYMENT, OFFICIAL Purchase Order, or CREDIT CARD NOTIFICATION IS RECEIVED!**

You may register by Credit Card at [www.scctmprogram.org](http://www.scctmprogram.org) for a small additional fee!

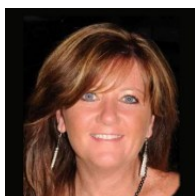
## SCCTM 2012-2013 Officers



President  
**Karen Threlkeld**  
 T.L. Hanna High School  
 Anderson, SC  
 Anderson County



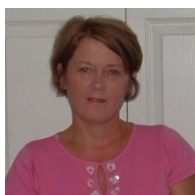
Vice President for Elementary  
**Joyce Moon**  
 Cane Bay Elementary School  
 Summerville, SC  
 Dorchester County



President-Elect  
**Jennifer Wilson**  
 Anderson District 5  
 Anderson, SC  
 Anderson County



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 Lakeside Middle School  
 Anderson, SC  
 Anderson County



Past President  
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 Alice Drive Middle School  
 Sumter, SC  
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 Johnsonville, SC  
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Secretary  
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Vice President for Post Secondary  
**Bill Whitmire**  
 Francis Marion University  
 Florence, SC  
 Dorchester County



Interim Treasurer  
**Lane Peeler**  
 State Dept. of Ed.—Retired  
 Columbia, SC



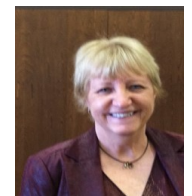
Vice President at Large  
**Morondo Lewis**  
 C. A. Johnson High School  
 Columbia, SC  
 Richland County



NCTM Representative  
**Sandy Powers**  
 College of Charleston-Retired  
 Mt. Pleasant, SC  
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Government Relations  
**S. Megan Che, Ph.D.**  
 Clemson University  
 Clemson, SC  
 Pickens County



SC Department of Education  
 Representative  
**Harriet Pritchard**  
 State Department of Education  
 Columbia, SC



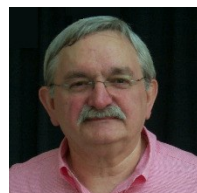
## SCCTM Managers



Commercial Exhibit  
Manager  
**Lane Peeler**  
State Dept. of Ed.—Retired  
Columbia, SC



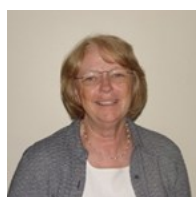
AV Manager  
**Bill Gillam**  
Blythewood High School—Retired  
Blythewood, SC  
Richland County



Database/Membership  
Manager  
**William (Bill) Stevens**  
Charleston, SC



Program Manager/  
Executive Director  
**Ann Senn**  
J F Bailey & Associates, Inc.  
Columbia, SC



MathMate Editor  
**Elaine Wiegert**  
USC Upstate—Retired  
Spartanburg, SC  
Spartanburg County

## SCCTM Committee Chairs

Awards Committee Chair—Dot Hardin  
Door Prizes Committee Chair—Wilma Shealy  
Educators' Scholarship Committee Chair—Bill Whitmire  
Grant Awards Committee Chair—Jennifer Wilson  
Nominating Committee Chair—Donna Foster  
Pre-Service Scholarship Committee Chair—Gina Dunn  
Program Chair—Cindy Parker  
Publications Chair—Morondo Lewis  
SCCTM Grant Initiative Committee Chair—Bill Whitmire  
Site Committee Chair—Karen Threlkeld  
Special Training Committee Chair—Marc Drews  
Student Pages Committee Chair—Bob Horton

## SCCTM Important Dates to Remember

October 24-25, 2013.....SCCTM Fall Conference in Greenville  
April 1, 2014.....Grant Proposals Due  
April 2014 (TBD) .. Poster Contest Submissions  
April 15, 2014 .....Speaker Proposals Due  
July 15, 2014.....Award Nominations Due  
September 15, 2014 .....Educators' Scholarship Application Due  
September 15, 2014 .....Preservice Scholarship Application Due