



South Carolina Council of Teachers of Mathematics

Summer 2014-15

Volume X, Issue 2

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President's Greeting

Hello Mathematics Educators,
Welcome to another school year! I hope your year is progressing along nicely wherever you are and with whatever you currently teach. With all of the Common Core and educational leadership changes that are forthcoming, one thing remains steadfast: our love of mathematics and the students of our state!



Speaking of fall and all it brings, I'd like to remind our members of a few important items. First, our fall conference is right around the corner! The SCCTM will host hundreds (maybe even thousands!) of educators in Myrtle Beach on November 6-7 at the Myrtle Beach Convention Center. Hopefully, you have made your arrangements to be there. We have excellent speakers, authors, and sessions in store for those in attendance. Not to mention, Myrtle Beach is a great area to visit and explore. Secondly, please remember to vote for our SCCTM Board candidates. The online voting will be open on October 15 and will run through November 6 at noon. Please be on the lookout for the link to vote for your favorite person. We have very worthy educators vying for positions on our board. Additionally, if you are a registered voter, please vote this November. Teachers have a voice that should be heard. Elect who you think will lead us in the right direction with our children's best interest at heart. Finally, as a member of the best mathematics organization around, let's celebrate who we are and all that we do! If you have an amazing lesson or story to share, please do so. We gladly accept articles for the newsletter and the Mathmate. If you or someone in your district is doing something awesome, we want to hear about it and spread the word. Email us at scctmpresident@gmail.com with the wonderful news, and we will see that others know it also.

I hope you enjoy the next edition of the Mathmate. Our many thanks are given to Gina Dunn and her committee for publishing it for us. We thank you for sharing your time, talent, and knowledge with the students of our state. Hope to see you at the beach!
Take care,

Jennifer Wilson
scctmpresident@gmail.com

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*Over the years with
all the mathematical
formulas, isn't it odd
that x is still
unknown.*



SCCTM Educator's Scholarship

Leigh Haltiwanger,
VP-Post Secondary & Committee Chair



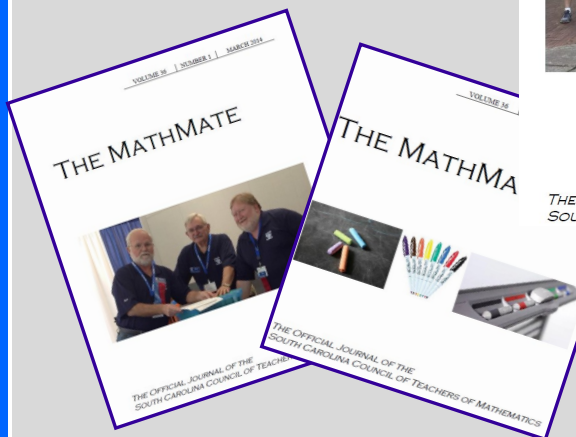
This scholarship provides financial assistance of \$1500 to a teacher pursuing an advanced degree in mathematics, mathematics education, or elementary education with an emphasis in mathematics. Eligibility requirements and an application form may be found on the SCCTM websites at www.scctm.org and www.scctmprogram.org.

**The September deadline has been
EXTENDED TO OCTOBER 15.**

The MathMate

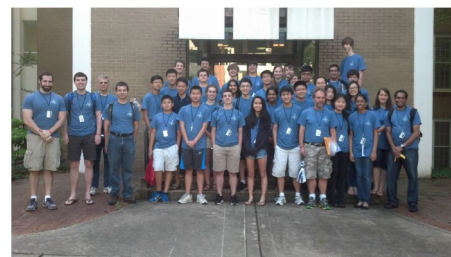
Gina Dunn, Editor

September MathMate Issue!



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THE MATHMATE



THE OFFICIAL JOURNAL OF THE
SOUTH CAROLINA COUNCIL OF TEACHERS OF MATHEMATICS

Just follow the link for **News, Reviews & Links** at
<http://www.scctmprogram.org/> to see the latest issues
in 2014, March, May and September

2014 Fall Conference November 6-7 in Myrtle Beach, South Carolina

The Preliminary Program is now available on www.scctmprogram.org. [Click here for access](#) to the document.

Make plans to attend the conference now. You can find a conference registration form on page 21 or click here to [Register Online](#). Sign up for the Authors' Luncheon on the same forms.

[Click here](#) for a direct link to Hotel information or copy and paste (<https://www.starwoodmeeting.com/StarGroupsWeb/booking/reservation?id=1306242690&key=EA911>) in your browser.

Check www.scctm.org and www.scctmprogram.org for conference information updates including the Pre-Conference Newsletters, Math Trail reservation forms, etc.

We hope to see you there!



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Congratulations to the 2014 Mathematics Finalists for the



Tammy Joiner
Newberry County School District

Amber Tolar
School District Five of Lexington and Richland Counties

SCCTM 2014 Election

<http://fluidsurveys.com/surveys/s2tem-centers-sc/scctm-voting-2014/>

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 Secretary, Vice Presidents and NCTM Representative 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, Secretary, Vice President of Elementary, Vice President of Secondary, and NCTM Representative.



**to vote for your choice for
President-Elect
Secretary
Vice President of Elementary
Vice President of Secondary
NCTM Representative.**

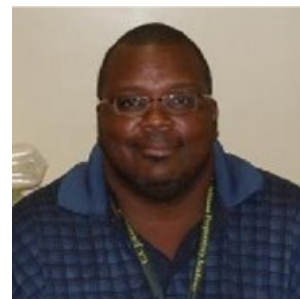


Go to

<http://fluidsurveys.com/surveys/s2tem-centers-sc/scctm-voting-2014/>

Candidate for the office of President-Elect

Morondo Lewis – Eau Claire High School, Columbia



Educational Background - South Carolina State University, Math Education

Career Experience - Math Teacher Eau Claire High School, Volleyball, Girls Basketball and Baseball coach, Algebra I, Geometry, Pre-Calculus Honors International Baccalaureate Math and AB and BC Calculus

Professional Activities/Committee Work (relating to mathematics): State Textbook committee, State Online curriculum committee

Professional Memberships/Organization/Offices: SCCTM Vice President At-Large

Presentations: Closing the Achievement Gap

Candidate for the office of President-Elect

Dr. Bill Whitmire - Francis Marion University, Florence



Educational Background: Dr. Whitmire 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.

Career Experience: Bill Whitmire is a Professor of Mathematics at Francis Marion University where he has been a faculty member since 1997. He also taught middle and high school mathematics in South Carolina and Kentucky for 14 years from 1974-1990. His first teaching assignment was at Piedmont Technical College in Greenwood, South Carolina in 1968.

Professional Activities/Committee Work (relating to mathematics): Bill chaired the SCCTM Scholarship Committee for several years. He served on the Finance and Audit Committees. He was honored by SCCTM in 2011 with the Outstanding Contributions to Mathematics Education Award. Bill encourages his pre-service teachers to join and actively participate in SCCTM; he brings them to annual conferences as attendees, Student Pages and workshop presenters.

He served as a member of textbook adoption committees for state and local school districts. In addition, Bill taught in-service courses for elementary and secondary teachers. He created courses for continuing education in-service teachers including geometry for the middle school teacher, methods for the middle school teacher, using Sketchpad in the middle school, statistics and data analysis and working with manipulatives. He also 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. Dr. Whitmire's research interests include using technology to enhance student understanding of mathematics from kindergarten through college.

Professional Memberships/Organization/Offices: As a Life member of SCCTM, he has been an active and supportive member. He served as State Treasurer from 1980-82, Vice-President for Secondary Teachers in 1979, and Vice-President for Post-Secondary from 2009-2013. He is also a member of NCTM; 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.

Publications/Presentations: Bill has presented sessions and conducted workshops at SCCTM and Carolina Conferences since 1976. He also conducted workshops and presided at most annual meetings at National and Regional meetings since 1978. He was instrumental in bringing, sharing and demonstrating SMART Boards to the SCCTM Conferences.

*Mathematics, rightly
viewed, possesses, not only
truth, but supreme beauty.
Bertrand Russell*



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*Fort Worth ISD
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Candidates for the office of Secretary

Erica Aiken – Lakeside Middle School, Anderson

Educational Background: Graduated in 2008 from Anderson University with a Bachelors of Science in Elementary Education

Career Experience: Currently in my 7th year teaching 6th grade Math at Lakeside Middle School in Anderson, SC.

Professional Activities/Committee Work (relating to mathematics) include: Inquiry in Motion through Clemson University; CASIO

Professional Memberships/Organization: SCCTM

Presentations include: Presenter at SCCTM- 2008 through 2014; Presenter at NCTM- 2012

Arthur Holmes - District Level Administrator Chief Officer of Academics and HR Jasper County School District

Educational Background – BS in Elementary Education, Winthrop Univ.; Masters Degree in Curriculum, Lesley Univ.; Masters Degree in Administration, Jones International Univ.; Educational Specialist Degree in Educational Leadership, Jones International Univ.

Career Experience – 15 years as Classroom Teacher of Elementary and Middle School; District Instructional Facilitator in Math for the SCDE for 3 years; Building Level Administrator (Assistant Principal and Principal) for 4 years; District Level Administrator (Chief Officer of Academics and HR) for 4 years and starting my 5th

Professional Activities/Committee Work (relating to mathematics):

Professional Memberships/Organization/Offices: SCCTM; AASPA; ACSD; NABSE; SCASA
Personnel Division Communication Officer 2013-14; SCABSE Corresponding Secretary

Presentations - Presented several years at the SCASA Conference in Myrtle Beach, SC; Presented two years at the SCABSE Conference in Myrtle Beach, SC; Presented in 2012 at the AASPA Conference and the NABSE Conference

Christy Steelman

Lexington Middle School, Lexington

Educational Background: Clemson University Graduate with a Bachelor's of Science in Elementary Education. Master's in Educational Leadership from the University of South Carolina. National Board Certified in Adolescent Mathematics.

Career Experience: Currently teaching middle school and have for 16 years. Have taught 5th-8th grade math classes, ranging from grade level mathematics to Algebra I for high school credit in the middle school setting.

Professional Activities/Committee Work (relating to mathematics) include: Math Department Head – Lexington Middle School - 2008 – present; SC State Department Math Textbook Adoption Committee – 2013; District Whatever It Takes Committee – Implementation of Common Core State Standards – 2012- present; IB Trained

Professional Memberships/Organization/Offices include: Delta Kappa Gamma – Alpha Theta – Vice President; SCMSA; SCCTM

Presentations made for: SCMSA Conference and Lexington School District One

Susie Teague

– S²TEM Centers SC – Upcountry Region

Educational Background: Winthrop University - 1993-1997 - Elementary Education - B.S and Winthrop University - 2002-2004 - Curriculum and Instruction - M. Ed..

Career Experience: includes: Science Teacher, Castle Heights Middle School, Rock Hill, SC in 1998; 3rd Grade Elementary Teacher, Erwin Elementary, Lancaster, SC 1998-99; Mathematics and Science Teacher, Indian Land Elementary/Middle School, Indian Land, SC (Math Lead Teacher 2006-2007) from 2000 to 2007; Mathematics Coaching Specialist, S.C. Mathematics and Science Unit from 2007 to 2009; Instructional Specialist for Mathematics, S²MART Centers SC from 2009 to 2011; and Education Specialist, S²TEM Centers SC from 2011 to present

Professional Activities/Committee Work (relating to mathematics) include: Professional Development Delivered - Disciplinary Literacy Research in Mathematics (and Science), iSTEM Innovation Leadership Institute, Coaching in Mathematics, Developing Mathematical Ideas (for math coaches), Math and Science Partnership Grant Work (PD Focused on Math and Science Instruction), Inquiry in Mathematics, Teaching for Conceptual Understanding in Mathematics, S³ Curriculum Writing for Mathematics (2008)

Specialized Training: - Response to Intervention in Mathematics, Keeping Learning on Track (Formative Assessment), Standards in Practice, Problem Solving for Elementary and Middle School Mathematics, Project-based Learning

Professional Memberships/Organization/Offices include: ACSD; Learning Forward; NCTM; NCSM; NSTA; SCCTM; and SCLME

Presentations include: Strategies to Support Content Literacy, August 2014, Spartanburg 7Shares; Vocabulary Strategies for the STEM Classroom, March 2013, SCMSA; Disciplinary Literacy in Middle School Science: Reading, Writing, and Talking as Active Learning Processes, November 2013, NSTA Regional, Charlotte, NC; Key Characteristics of Highly Effective STEM Schools, Sept. /Oct. 2013, Next Steps Institute, Charleston, SC; Instructional Innovation: Disciplinary Literacy in Math and Science, July 2013, Learning Forward Minneapolis, MN; Tracking a Course with Professional Learning: Coaching to Promote Mathematics Leaders, April 2011, NCSM, Indianapolis; Digging into the CCSSM: The Mathematical Practices and STEM, UNCC STEM Conference, January 2012, Charlotte, NC; Using Number Lines to Teach Numeracy in Grades K-5, SCCTM 2012; CCSSM Professional Development Series: Understanding CCSSM, Digging Deeper into CCSSM, Formative Assessment and CCSSM, Designing Instruction for CCSSM, S²TEM Centers SC, 2011-2012, Winthrop University; and Instructional Coaching in Science as a Pathway to Develop School Learning Communities, Next Steps Institute, October 2009, Huntsville, AL. In addition Ms. Teague has planned presentations for colleagues.

Candidates for the office of Vice President - Elementary

LaKeytria (Tria) Grant – Summerville Elementary School, Summerville

Educational Background: Winthrop University – Bachelor of Science, Elementary Education, 2001 and Master of Education, Educational Leadership, 2007

Career Experience includes: Sullivan Middle School - Rock Hill, SC – 7th Grade Teacher (*science, social studies, language arts*), 2001-2005; CERRA, SC - Teacher in Residence, 2006 – 2007 and Program Director, 2007 – 2009; Summerville Elementary School - 5th Grade Teacher, 2009 – 2013 and Math Interventionist, Grades 3-5, 2013- Present

Professional Activities/Committee Work (relating to mathematics) include: 5th Grade school representative for District Math planning committee (2010 – present); Carnegie Math Summer Institute, 2014

Professional Memberships/Organization/Offices:

Current: State Representative, *A Praxis Series Standard Setting Study* (2014); PSTA Board Member (2012 – present); Lead Curriculum Writer, CERRA ProTeam Curriculum (2011-present); Curriculum Trainer, CERRA ProTeam Curriculum (2009-present), SCCTM

Past: State Director, Future Educators Association (2006 – 2009); Member, Phi Delta Kappa (2007 -2009); SC Staff Development Council Board Member (2008-2011); Sullivan Middle School/ Winthrop University, Professional Development Committee Member (2003 – 2005)

Presentations include: Creating an Engaging Classroom, Teacher Cadet Sites; Strategies for Working with Adolescents from a Poverty Background, North Carolina Closing the Achievement Gap Conference and SREB High Schools that Work Conference co-presenter; ProTeam Success, CERRA's Fall Renewal Conference; and School/Community Partnerships, CERRA's Teacher Leader's Symposium

Wanda C. Noblin – Cowpens Elementary, Cowpens

Educational Background: Bachelor of Arts, 1977 - Early Childhood Education, University of North Carolina at Chapel Hill; Master of Education, 1985 - Early Childhood Education, University of South Carolina; Masters + 30 hours, 1990 - Early Childhood Education, University of South Carolina

Certifications include: Professional Certification: Masters Plus 30, Early Childhood Education; National Board Certification & Renewal: Early Childhood Generalist, 2003, 2012; Online Teaching Certification, 2014. PET/APT; SC Reading Initiative; SC Certified Child Care Trainer; Math Out of the Box Spartanburg District Three Trainer – Algebra/Data & Probability National Certification; Math Learning Center Mathematics and Early Childhood Consultant

Career Experience includes: Classroom Teacher - Self-contained classroom teacher in grades Kindergarten, 1 and 2. Departmentalized mathematics and science teacher, Grade 3 (current position); Math Consultant – 1988-present; Workshop Leader and Curriculum Developer for Math Learning Center – Portland, Oregon; Extended Day Math Tutor in Grades 3 and 5; Woodland Elementary – Person County Schools, NC; Merrick-Moore Elementary – Durham Public Schools, NC; James H. Hendrix Elementary – Spartanburg District Two; Cowpens Elementary – Spartanburg District Three; Adjunct Professor - Anderson University, The Citadel, Portland State University, Spartanburg Community College, University of South Carolina

Professional Activities/Committee Work (relating to mathematics) - most recent include: Summer 2014 - conducted Professional Development Mathematics Training in Wisconsin, Michigan, Texas and Kansas for Grade 3-5 teachers; Math Textbook Adoption Committee; Spartanburg District Three Math Facilitator; iSTEM Participant – 2014-15; Spartanburg Junior League 2014-15 Grant Recipient – APPs for Area; NEA Staples Grant Recipient (\$5000) – Math ACE: A Community Endeavor; CEEMS Committee Member (Putting the Pieces Together) – State Committee; SACS Peer Review Member: Lexington One; SACS Chairperson; Faculty Representative for CARE committee (intervention)

Wanda C. Noblin - continued

Professional Memberships/Organization/Offices include: SCCTM; NCTM; SCAECE; NEA; International Reading Association; Greenville/Spartanburg Phi Delta Kappa; Secretary: Spartanburg County Council of Teachers of Mathematics; President: South Carolina Association of Children Under Six – District IV (now SCECA); President-Elect: South Carolina Association of Children Under Six – District IV; SCECA – State Board Member (Member-At-Large); Editor (newsletter): Bits and Pieces (SCECA – District IV) (SCOPE)

Most recent of numerous Presentations/Publications include: “Making Sense of Number: There IS an APP for That!” 2014 SCCTM Conference and 2014 NCTM Annual Conference; “Delving Deeper into Pattern Blocks: Can You Prove It?” 2013 SCCTM Conference and 2013 NCTM Annual Conference; “Geometry: For the Fun of It! Meeting the CCSS Geometry Standards” 2012 GCTM Annual Conference; “Mathematical Thinking: The Tomorrow of Young Children” – Graduate Course, created by Wanda C. Noblin 2011

Ashlee Rollison – Joseph R. Pye Elementary School, Ladson

Educational Background: B.S. in Elementary Education with concentrations in Special Education and English in 2002; M.Ed in Elementary Education from Southern Wesleyan University in 2008. Additional training includes: Studied at The Citadel and trained to infuse STEAM lessons using Project-Based learning to create 21st century learners; attendance at numerous trainings, seminars, conferences, and panel discussions with top leaders in STEAM education in the Trident Region

Career Experience: Taught twelve years in Elementary School. Taught third grade self-contained teaching all subjects and several years in Third grade teaching Math, Science, and Social Studies. Most recently served as school's STEAM Integration teacher, teaching Kindergarten through Fifth grade Engineering lessons which allowed her to follow the District's Science and Math pacing guides while implementing the Engineering is Elementary curriculum. All areas of STEAM were incorporated while focusing on Math and Science connections. Currently serving as a Math Interventionist with one-third of time being spent in STEAM coordination.

Professional Activities/Committee Work (relating to mathematics) include: District Math Task Force; Team Math Rep. at District meetings; Dorchester District Two Math Task Force Team Member; Team Leader; Shared Leadership Team Member; School Improvement Council Committee Member; STEAM Team Member; Sunshine Committee Chair; Math grade level rep. (9 years); Science grade level rep.; ADEPT Mentor; Mentor Teacher for Practicum Students at Charleston Southern Univ.; Assist in alignment of Math textbooks to Common Core State Standards; Math Textbook Adoption Committee; Accepted in STEM in the Workplace program; Accepted in Workplace Institute for Educators (WISE) program and created a network of contacts in the education and business communities; Planned and executed PASS Parent Nights; Planned and executed a “Living History Day” school-wide event that featured our school on the news and in local newspapers for two years; Planned and implemented a full STEAM infused curriculum for the 3rd Graders at Joseph R. Pye Elementary School.

Professional Memberships/Organization/Offices: PTA - JPES PTA Teacher of the Year 2012; Chair of Sunshine Committee of JPES; Chair of STEAM committee of JPES, Business Partner Liaison

Presentations: presentation to teachers regarding “STEM in the Workplace” program through the Education Foundation at the Charleston Chamber of Commerce; presented at District PD days, including most recent Learning By Design Conference where her proposal was accepted to present on STEAM integration. It was also chosen to be presented at the 2014 STEM Education Summit: “STEM and the Arts In and Out of School” later in the month.

Candidates for the office of Vice President - Secondary

Jamie Johnston – Indian Land High School, Indian Land

Educational Background: BA Degree in Mathematics from Lander University (Dec.91)

Career Experience: Taught math (7th, 8th, and high school) for 16 years for the Indian Land schools. She also taught music for 5 years when first coming to Indian Land.

Professional Activities/Committee Work (relating to mathematics) include:

District Lead teacher; Served on many committees over the years ranging from textbook committees to writing the curriculum pacing guides and benchmark questions; Participated in the Algebra Project using the Agile Mind curriculum; Served as math department head for 12 years until she transferred to the high school last year.

Professional Memberships/Organization/Offices: PSTA

Presentations: Presented SMARTboard workshops and training sessions to teachers

Karen Threlkeld – T. L. Hanna High School, Anderson

Educational Background: Graduated in 1987 from Erskine College with a degree in mathematics. In 1997, Karen received a Master's degree in mathematics education from Clemson University. Presently she is working on her dissertation for a doctorate in curriculum and instruction with an emphasis in mathematics from Clemson University.

Career Experience: Karen is a national board certified teacher who has taught high school mathematics in South Carolina for the past 23 years. During that time, she taught almost every mathematics course offered at the high school level including all mathematics for the technologies (except Tech III), all college prep and honors courses in algebra I, algebra II, geometry, and pre-calculus as well as AP calculus, AP Statistics and IB Mathematical Studies. Currently she teaches at T. L. Hanna High School and also as an adjunct professor at Anderson University where she teaches the mathematics for elementary education course.

Professional Activities/Committee Work (relating to mathematics): Karen represented SC high school mathematics teachers on a committee established by the SC Commission of Higher Education to work on curriculum alignment and establish paired high school/college courses. She served on the curriculum committee for Anderson School District Five.

Professional Memberships/Organization/Offices: Member of SCCTM, NCTM since 2003 and the PSTA since 1991. Karen was elected president-elect for SCCTM in 2012 and served as President in 2013 and Program Chair in 2014. Karen shares she is "running for Vice President of Secondary for the SCCTM because she believes the organization is an important resource for teachers of mathematics in SC. As we all struggle with the change to the state standards, the SCCTM has a lot to offer its members. This is a time during which the SCCTM can grow as an organization by providing valuable resources and strategies in the newsletter as well as providing a chance for growth during the annual conference. She "would like to have the opportunity to serve on the SCCTM Board as the Vice-President of Secondary during this time".

Presentations: Presented at many SCCTM conferences as well as the annual NCTM conference. She presented at the "Moving from Standards to Practice: Leading Tomorrow's Mathematics and Science Educators" at Clemson where she presented on SSCC assessments.

**Candidates for the office of
NCTM Representative are on pages 12 and 13**

State of South Carolina

Governor's Proclamation

WHEREAS, the metric system is a universal, decimal-based system of measurement; and

WHEREAS, based on a system developed in France in the late 18th century in an effort to standardize weights and measures throughout that country, the metric system was authorized for use in the United States by Congress in 1866; and

WHEREAS, the development of the metric system as an international standard of trade has contributed to advances in global commerce, technology, and science; 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 5-11, 2014, 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

Go to the Events & Opportunities page at www.scctmprogram.org to find suggested year-round metric activities.

Candidates for the office of NCTM Representative

Brenda Elmore – Riverside Middle School, Pendleton

Educational Background: Bachelors of Arts Degree in Secondary Education, Mathematics - Clemson University; Master's Degree in Administration and Supervision - University of South Carolina; Middle School Certification in Mathematics; Gifted and Talented Endorsement

Additional training/certifications: Certified Intel Master teacher in Greenville County (2003); Baldrige trained at Woodmont High School (2005)

Career Experience: High School Math Teacher - (1985 – 2003), Woodmont High School, Piedmont SC, Greer High School, Greer SC and Pickens High School, Pickens SC; Director of Freshman Academy – Woodmont High School, Piedmont SC (2003 - 2007) and TL Hanna High School, Anderson SC (2007 – 2009); Middle School Math Teacher (2009 – 2011) - Lakeside Middle School, Anderson, SC; Instructional coach (2011 – present) - Riverside Middle School, Pendleton, SC

Professional Activities/Committee Work (relating to mathematics) include: Updated curriculum for Anderson District 5 to include common core standards; Co-authored Magnet School Application for Lakeside MS to become Lakeside Middle School of Inquiry and Innovation, a STEM school; Safe-T trained; ADEPT and PAS-T trained and member of 4 teams in Greenville County; Supervised five student teachers; MYP coordinator for Woodmont High School (also IB trained); AVID site coordinator; Director of Freshman Academy supervising all 9th grade teachers and students; Developed and implemented lessons for Inquiry in Motion program for Clemson University; Worked with Casio educational team to use the new Prizm graphing calculator in math classes; Teacher of the Year at Pickens High School and Greer High School.

Professional Memberships/Organization/Offices include: SCCTM; High Schools That Work (HSTW); Making Middle Grades Work (MMGW); PTO

Presentations include: Presented at both SCCTM and NCTM; Created presentations for vertical articulation between middle school and elementary schools

Suzanne Peterson – Pelion Middle School, Pelion

Educational Background: - B.S., German and International Business – Penn State University, 1989; National Board Certified, Early Adolescence Mathematics – 2008; M.Ed., Teaching – University of South Carolina, 2009; Gifted and Talented endorsement; ESOL certification to be completed December 2014

Career Experience: Colleton County School District - 8th grade ELA/Science/German teacher 1993 - 1998; Richland 1 School District - 4th and 5th Grade teacher - 1998-2000; Pearson National Board Portfolio Evaluator for Early Adolescence Mathematics - 2009; Lexington 1 School District - Algebra I HN and PreAlgebra Teacher - 2000 to present

Professional Activities/Committee Work (relating to mathematics) include: NCTM - Article and Resource book evaluator and Product Reviewer; SCCTM Advisory Council 2009 – 2013; Team Leader; RTI Math Instructor; ADEPT/SAFE-T evaluator; District Secondary Mathematics Curriculum Council; PBIS team; Algebra I and middle school textbook adoption committee; Whatever It Takes Committee for High School Mathematics; Center for Higher Education Review Boards for Improving Teacher Quality and Centers of Excellence grants

Professional Memberships/Organization/Offices include: NCTM; SCCTM Secretary 2010 – 2014; SCMSA; PSTA; SCMSA; PSTA; Pine Grove School – Human Rights Committee Chairperson (2011 – present)

Publications: "What's My Stride?" Mathmate, May 2009

Dr. Mary Pat Sjostrom – Winthrop University, Rock Hill

Educational Background: PhD Mathematics Education, Georgia State U, 2000

Career Experience includes: Kennesaw State University 1999-2002 - Methods courses for elem. and middle preservice teachers and Mathematics for Teachers (elem. and middle). Public school experience (elem, middle, secondary) in OH, FL, GA, and HI; University of Hawaii 2002-2005 - Curriculum Research and Development; Chaminade University of Honolulu 2005-2014 - Methods courses for elem. and secondary preservice teachers and Math for Teachers (elem. and middle), College Geometry; and Winthrop University 2014 - Mathematics for Teachers (elem., middle, special ed) and Secondary Math Methods

Professional Activities/Committee Work (relating to mathematics) include:

Psychology of Mathematics Education (PME-NA) Lesson Study Working Group - 2008 – 2010; Research Catalyst Conference (NCTM) - Fall 2003; Early Algebra Working Group (PME27/PMENA 25) - 2002-2003; Member of the Georgia Professional Standards Commission team to write the curriculum for four mathematics courses for middle grades teachers, *A Quality Mathematics Teacher in Every Classroom* - 1999-2000.

Professional Memberships/Organization/Offices: NCTM; AMTE; ASCD; SCCTM; Hawai'i Council of Teachers of Mathematics; GCTM

Publications – Dr. Sjostrom has contributed to numerous teaching publications including: Sjostrom, M. P., & Olson, M. (2011). Preparing for Lesson Study: Tools for Success. In Hart, Alston, & Murata (Eds.) *Lesson-study research and practice in mathematics education: Learning together*. and Sjostrom, M. P., Olson, M., and Olson, T. (2010). An examination of the understanding of three groups of preservice teachers on fraction worded problems. In Brosnan, Erchick, & Flevaris. (Eds.). *Proceedings of the thirty-second annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME)* (Vol. VI, pp. 1131-1139). Columbus, OH: The Ohio State University. She has also refereed a long list of presentations

Professional Development and Invited Presentations

Of her many presentations since 1997, Dr. Sjostrom's March 2014 *Persistence in problem solving* was made at the Annual Conference of the HCTM in Honolulu, HI.

Website Information



Please check out www.scctm.org and www.scctmprogram.org for current information on and forms for the 2014 Fall Conference, .

**Our official site www.scctm.org is up.
Enhancements are still underway.**

MATHCOUNTS PROGRAM OVERVIEW

MATHCOUNTS was founded in 1983 as a way to provide new avenues of engagement in math to middle school students. MATHCOUNTS programs help students of all levels reach their full potential—whether they love math or fear it. We help expand students' academic and professional opportunities through three unique, but complementary, programs: the **MATHCOUNTS Competition Series**, **The National Math Club** and the **Math Video Challenge**. The *School Handbook* supports each program in different ways.

The **MATHCOUNTS Competition Series** is a national program that provides bright students the opportunity to compete head-to-head against their peers from other schools, cities and states in four levels of competition:

school, chapter (local), state and national. MATHCOUNTS provides preparation and competition materials and, with the leadership of the National Society of Professional Engineers, hosts more than 500 Chapter Competitions, 56 State Competitions and the National Competition each year. This year, the top four students from each U.S. state and territory will compete at the 2015 Raytheon MATHCOUNTS National Competition in Boston, MA. Students win hundreds of thousands of dollars in scholarships each year at the local, state and national levels. There is a registration fee for students to participate in this program and registration is limited only to schools. Participation beyond the school level is limited 10 students per school. More information about the Competition Series can be found on pg. 40-52 of this *School Handbook* and at www.mathcounts.org/competition.



The **National Math Club** is a free enrichment program that provides teachers and club leaders with resources to run a math club. The materials provided through The National Math Club are designed to engage students of all ability levels—not just the top students—and are a great supplement for classroom teaching. This program emphasizes collaboration and provides students with a fun, pressure-free atmosphere where they can learn math at their own pace. Active clubs can also earn rewards by having a minimum number of club members participate (based on school/organization/group size). There is *no cost to sign up* for The National Math Club, and registration is open to schools, organizations and groups that consist of at least four students in 6th, 7th or 8th grade and have regular in-person meetings. More information can be found at www.mathcounts.org/club.



The **Math Video Challenge** is an innovative program that challenges students to work in teams to create a video that explains the solution to a MATHCOUNTS problem and demonstrates its real-world application. This project-based activity builds math, communication and collaboration skills. Students post their videos to the contest website, where the general public votes for the best videos. The 100 videos with the most votes advance to judging rounds, when 20 semifinalists, and later, four finalists are selected. This year's finalists will present their videos to the students competing at the 2015 Raytheon MATHCOUNTS National Competition, and those 224 Mathletes will vote to determine the winner. Members of the winning team receive college scholarships. Registration is open to all 6th, 7th and 8th grade students. More information can be found at videochallenge.mathcounts.org.



CRITICAL 2014-2015 DATES

2014



Aug. 18 -
Dec. 12

Send in your school's Competition Series Registration Form to participate in the Competition Series and to receive the 2014-2015 School Competition Kit, with a hard copy of the 2014-2015 MATHCOUNTS School Handbook. Kits begin shipping shortly after receipt of your form, and mailings continue every two weeks through December 31.

Mail, email or fax the MATHCOUNTS Competition Series Registration Form with payment to:

MATHCOUNTS Registration, P.O. Box 441, Annapolis Junction, MD 20701
Email: reg@mathcounts.org
Fax: 240-396-5602

Questions? Call 301-498-6141 or confirm your registration via www.mathcounts.org/competitionschools. (Please allow 10 days before confirming your registration online.)



Nov. 3

The 2015 School Competition will be available online. With a username and password, a registered coach can download the competition from www.mathcounts.org/competitioncoaches.



Nov. 14

Deadline to register for the Competition Series at reduced registration rates (\$90 for a team and \$25 for each individual). After Nov. 14, registration rates will be \$100 for a team and \$30 for each individual.



Dec. 12
(postmark)

Competition Series Registration Deadline

*In some circumstances, late registrations might be accepted at the discretion of MATHCOUNTS and the local coordinator. **Late fees will also apply. Register on time to ensure your students' participation.***

2015



Early Jan.

If you have not been contacted with details about your upcoming competition, call your local or state coordinator!



Late Jan.

If you have not received your School Competition Kit, contact the MATHCOUNTS national office at 703-299-9006.



Jan. 31 -
Feb. 28

Chapter Competitions



Mar. 1-31

State Competitions



May 8

2015 Raytheon MATHCOUNTS National Competition in Boston, MA

MATHCOUNTS 2014-2015

Check out www.mathcounts.org for information about Solve-a-thon, a fundraiser that empowers students and teachers to use math to raise money for math programs.

NCTM News

Sandy Powers, NCTM Representative



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

To: South Carolina Council of Teachers of Mathematics

Good day!

As you may already know, Mathematics Education Trust (MET) of the [National Council of Teachers of Mathematics](#) (NCTM) channels the generosity of contributors through the creation and funding of grants, awards, honors, and other projects that support the improvement of mathematics teaching and learning.

On behalf of the chair of MET Board of Trustees, Johnny W. Lott, we would like to share some good news with you:

Cheraw Intermediate School in Cheraw, South Carolina was recently awarded a School In-Service Training Grant for Grades Pre-K–5 Teachers funded by the Clarence Olander Fund and the NCTM. This grant provides financial assistance to elementary schools for in-service education in mathematics. The teacher submitting the proposal for the school was Jessica Griffin. Only schools that have a current NCTM Pre-K–8 school membership are eligible to apply for this grant. The MET Board congratulates Cheraw Intermediate School for its successful proposal.

Additionally, Ryan M. Higgins of Coker College in Hartsville, South Carolina was awarded a Pre-K-8 Preservice Teacher Action Research Grant, to work with Savannah Catoe (Coker College), and Ashley Taylor, West Hartsville Elementary School in Hartsville, South Carolina. This grant is funded by the Ernest Duncan Fund and the NCTM. Its purpose is to provide financial support for action research conducted as a collaborative by university faculty, preservice teacher(s), and classroom teacher(s) seeking to improve their understanding of mathematics in the Pre-K–8 classrooms. The MET Board congratulates Mr. Higgins and his collaborators for their successful proposal.

The next application deadline for MET grants is November 7, 2014. For more information, please visit www.nctm.org/met.

All the best,
Nihad

Nihad Ziad | National Council of Teachers of Mathematics |

1906 Association Drive, Reston, VA 20191-1502 | 703.620.9840 ext. 2112 | Fax:
703.476.9027 | nziad@nctm.org

An email to our President from NCTM.

Check out the information about NCTM's Winter Institute in Charleston.

Subject: NCTM Institute

Dear Jennifer Wilson,

Mark Workman shared a letter that you sent him with request to host a regional conference in Charleston. I am the Director of Professional Development at NCTM and I wanted to let you know about our winter Institute that we will be having in Charleston in February. The focus on the Institute is on our new publication *Principles to Actions: Ensuring Mathematical Success for All*, and how to use this publication to implement high quality standards in the classroom. Registration is currently open and you can find additional information here - <http://www.nctm.org/winter/>. I think this would be a valuable professional development opportunity for your members and I hope you all will be able to attend.

Thanks!

Chonda

Chonda Long, Ph.D.

Director of Professional Development

National Council of Teachers of Mathematics

1906 Association Drive, Reston, VA 20191

(703)620-9840 ext. 2110 | clong@nctm.org

NCTM 2014 Regional Conferences

Indianapolis, Indiana • October 29–31, 2014

Richmond, Virginia • November 12–14, 2014

Houston, Texas • November 19–21, 2014

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.

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 2014-2015 year.

Platinum Sponsors

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

CASIO
Dr. Calvin Irons
Stuart J. Murphy
TeachScienceandMath.org

Gold Sponsors

Encore Technology Group
Francis Marion University

Contact Lane Peeler at SCCTM.exhibits@gmail.com for information regarding Exhibit Booths, Sponsorships and Ads for the 2014 Fall Conference.

News from EdVenture

Marc Drews, Special Training Committee Chair



Marc Drews shares that EdVenture's school and group program is now available online (<http://www.edventure.org/field-study-programs.aspx>) and is being distributed to district contacts who share copies with their schools.

Copies are also available for teachers at EdVenture's Welcome desk. To book programs, please call 803-400-1151 or email bookit@edventure.org.

Math Trails at the Fall Conference



Ripley's Aquarium and WonderWorks



***2014 SCCTM Fall Conference
Myrtle Beach Convention Center
Myrtle Beach, South Carolina
November 6 & 7
Follow www.scctmprogram.org for
information and updates.***

Membership Renewal & 2014 Conference Registration Instructions

Follow these easy steps to (a) renew your membership or join for the first time *and* (b) register for the **2014 Fall Conference** in Myrtle Beach, SC:

Membership

To renew your membership in SCCTM, rejoin or join SCCTM for the first time, follow steps 1 – 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 mailed last fall 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 may be 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; **\$20 for one year, \$55 for three years, or \$90 for five years.** Full-time student membership is **\$10 for one year or \$25 for three years.** Retired educators can join for **\$15 for one year or \$40 for three years.** Life Membership has increased to **\$420**

SPECIAL NOTICE: Only the new 2014 Registration Form can be honored. If you use a form from a prior conference, it will be returned to you.

Conference Registration

Registering for the Fall Conference couldn't be simpler. *One registration fee covers everything except the Authors Luncheon!* Just follow steps 7 & 8:

7. Check the registration amount you are including. *Note the October 18, 2014, 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!

Completing the Form

Follow steps 9 & 10 for all uses of the form:

9. You can include a donation to the SCCTM Scholarship Fund 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.
10. Complete the form with your total in the **TOTAL PD blank.**

Fill out 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.scctmprogram.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, November 5, 2014. *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!**

For a small fee, credit cards can be processed on-line via a PayPal® link @ www.scctmprogram.org!

MEMBERSHIP • FALL CONFERENCE 2014 REGISTRATION FORM*Math . . . good to the core! • Myrtle Beach, SC • November 6 & 7, 2014**** 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:	\$20.00 (1 year)
[] Regular:	\$55.00 (3 years)
[] Regular:	\$90.00 (5 years)
[] Life:	\$420.00 (one time payment)
[] Retired:	\$15.00 (1 year) or \$40.00 (3 years)
[] Full-Time Student:	\$10.00 (1 year) or \$25.00 (3 years)

If paying membership, transfer the amount to the MEMBERSHIP section below. If Life or paid beyond 2014, mark Life or N/A 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	\$20.00	\$55.00	\$90.00	\$420.00	\$
[] Retiree	\$15.00	\$40.00	\$
[] Full-Time Student	\$10.00	\$25.00	\$
REGISTRATION:	REGULAR by 10/18/14	LATE/On Site after 10/18/14	ONE DAY ONLY [] THR • [] FRI		
[] Nonmember	\$115.00	\$125.00	\$65.00		\$
[] Active Member (Reg/Ret/Life)	\$75.00	\$85.00	\$45.00		\$
[] Full-Time Student	\$25.00	\$30.00	\$15.00		\$
[] Authors Lunch (Memb) *	\$19.50	\$24.50	as deadline states		\$
[] Authors Lunch (Non-memb) *	\$29.50	\$34.50	as deadline states		\$
DONATIONS:					
[] SCCTM Scholarship Fund					\$
[] All State Math Team					\$
TOTAL PD:					\$

available!

Mail completed form(s) 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 for a small additional fee!

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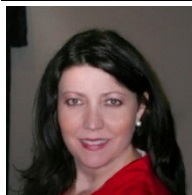
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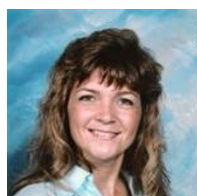
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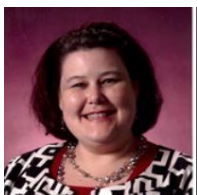
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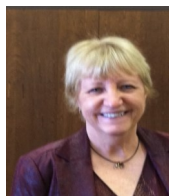
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SCCTM Important Dates to Remember

October 15, 2014 . Educators' Scholarship Application Due
November 6-7, 2014.....SCCTM Fall Conference in Myrtle Beach