

2017 SCCTM Fall Conference

41st Annual Business Meeting

TD Convention Center in Greenville, SC November 16 – 17
Preliminary Program

Teaching the BIG IDEAS Seeing Beyond Today's Lesson



Nationally Acclaimed Keynotes, Sessions, Workshops, Mini-courses
Math Trails, Field Trips and Exhibits
comprise the Conference activities planned at the
TD Convention Center located in Greenville, South Carolina

NOTE IMPORTANT REGISTRATION INFORMATION

The Conference Registration Form, Instruction Sheet and Hotel Information can be found on the conference page of the SCCTM websites www.scctm.org.

Registration Area at the Conference

On Wednesday evening, Thursday, and Friday, registration in the front Lobby of the TD Convention Center will be open during the hours listed below. If you pre-registered for the conference, go to the appropriate Pre-Registered booth where you will receive your Conference Materials. If you did not pre-register for the conference, complete a Conference Registration Form, then take your completed registration form and payment to the On-site registration line. Your Conference Name Badge must be displayed to gain entrance to Conference activities.

Wednesday	15 November	4:30 pm - 7:30 pm
Thursday	16 November	7:30 am - 4:00 pm
Friday	17 November	7:30 am - 9:30 am

Exhibits

Mathematics instructional materials, software, publications, and professional services will be displayed in Conference Hall of the TD Convention Center. Commercial exhibits will be open during the following hours:

Thursday	16 November	8:00 am – 5:00 pm
Friday	17 November	8:00 am - 3:00 pm

Dear SCCTM Members and Fellow Mathematics Educators,



Welcome to the 2017 SCCTM Annual Fall Conference! The Executive Board is pleased to present an extensive program of professional development opportunities. The Conference will take place on November 16 and 17 at the TD Convention Center in Greenville, South Carolina. We will begin the conference with the opening session starting at 8:30 on Thursday morning. This year's theme is:

Teaching the Big Ideas – Seeing Beyond Today's Lesson

We are excited to present some of the most outstanding keynotes and featured speakers. All are nationally known speakers who are in high demand. We are extremely pleased to have them at this year's conference. Biographies of the keynote speakers and featured speakers may be found in the pre-conference newsletter and program booklet. This is a professional development experience that you don't want to miss. The keynote and featured speaker line up consists of the following:

Opening Session Keynote Speaker – Dr. Ed Burger

Keynote Speaker – Kevin Nolten

Keynote and Featured Speaker – Glenna Tabor

Featured Speakers – Bernard Frost and Sandy Bartle Finocchi

Closing Session Featured Author and Keynote Speaker – Lauren Stott

EdVenture, S2TEM Center, and Texas Instruments will sponsor rooms hosting a variety of sessions and workshops. In addition, there will be many sessions and workshops conducted by fellow mathematics educators from South Carolina, the Southeast, and the nation that will give you ideas on how to teach the “**Big Ideas**” in mathematics so that your students will “*See Beyond*” today's lesson. Please make plans to attend the opening session and closing session. From the response we got from last year's conference, know that you will not want to miss out on the ideas and teaching strategies that both speakers will share with us. In addition please attend the annual business meeting held at the end of Thursday sessions. This is where you get to see your South Carolina Council of Teachers of mathematics leaders in action and find out all the benefits that come with your membership. After attending this year's conference, it is our hope that some of you will want to become a part of the SCCTM leadership team.

On behalf of the Executive Board, I would like to thank each of the conference speakers and attendees, as well as our exhibitors and sponsors, for a successful SCCTM 2017 Fall Conference. We look forward to seeing each of you in Greenville.

Sincerely,

Bill

Bill Whitmire, SCCTM Past President
2017 Fall Conference Program Chair

Registration

The Conference Registration Form/Instructions may be found at www.scctm.org. To register for the conference, complete the on-line form and pay by credit card or mail your registration with payment to:

Cindy Parker, SCCTM Registrar
6 Sandalwood Ln
Sumter, SC 29154.

Registrants will be notified by email when their form has been processed.

The name badge must be displayed to gain entry to sessions, workshops, and exhibits.



..... Hotel Information

Blocks of rooms are available for Conference attendees at Courtyard Greenville Haywood Mall, Hilton Greenville, Hyatt Place Greenville/Haywood, and Sleep Inn @ TD Convention Center. More information can be found at www.scctm.org. Be sure to register as a SCCTM Conference attendee.

Parking

Parking is available at the TD Convention Center for conference attendees.



..... On-Site Food and Beverages

Complimentary AM coffee breaks will be provided. Vouchers will be provided for Lunch in the Conference Hall. Per facility policy, NO FOOD MAY BE BROUGHT IN FROM OUTSIDE THE CONFERENCE CENTER.

Conference Programs & Updates



This preliminary conference program for the 2017 SCCTM Fall Conference and Annual Meeting and subsequent updates are available online at www.scctm.org. A Program App will be available this year; watch the Pre-Conference Newsletters for more information. Program Books with complete descriptions for sessions, workshops, and mini-courses will also be available in the conference materials you will receive at the registration area. A Conference Update insert containing information about last minute changes will also be provided.

Commercial Exhibits

Instructional materials, computer software, technology resources, and many other teaching aids will be displayed in the Conference Hall of the TD Convention Center.

NCTM/SCCTM Materials

Review and purchase educational materials in the sales area located at the front of the Conference Hall. Drop by this area and browse through the excellent selection of available materials to assist you in teaching and assessing mathematics standards.

Other Meetings at the Conference



SCLME Wednesday TBD
SCAMTE Friday, 8:00 am Atrium Alcove

Student Pages

Local high school and college students will serve as pages. They have volunteered their time to assist registrants, speakers, and conference attendees. We have asked that they help ensure that room capacities for all sessions are observed.

Special Needs

Persons in need of interpreters for the deaf and hard of hearing, as well as registrants who are physically challenged and in need of services should contact the site chair, Morondo Lewis at molewis@richlandone.org by October 19, 2017.

Safety Regulations

The TD Convention Center adheres to all fire and emergency evacuation codes. SCCTM asks for your cooperation with the enforcement of these codes.

SCCTM Position

SCCTM will not allow the use of copyrighted materials in sessions unless prior permission has been obtained. References to products by speakers are not to be considered endorsements by the state organization.

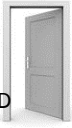
Highlights

Opening Session

Dr. Ed Burger

Thursday, November 16 - 8:30 AM - Room 202BC

BEYOND



The 41st Annual SCCTM Business Meeting and Awards Ceremony

Thursday, November 16 5:15 pm in Room 202C

At the end of the meeting, drawings will be held for
FABULOUS door prizes!
You must be present to win.

Hors d'oeuvres will be Provided

Pick up and bring your refreshments in the 2nd Floor Pre-Function Area
as you go into the meeting and join your peers at the banquet tables.

Keynotes in Room 202C

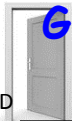
Thursday, November 16

Kevin Nolten, Cyber Innovation Center

Friday, November 17

Glenna Tabor, Glenna Tabor Resources, LLC

BEYOND



Featured Speakers

Thursday, November 16

Bernard Frost

Friday, November 17

Sandy Bartle Finocchi

BEYOND



Highlights

Closing Session

Lauren Stott, Big Ideas Learning, LLC

Friday, November 17 - 2:30 PM - Room 202C

At the end of the meeting, drawings for door prizes.

You must be present to win.

BEYOND



Math Trails

Thursday

Built to SCALE - Walk South Carolina - SCALE Trail

Paris Mountain Math Trail

Friday

Built to SCALE - Walk South Carolina - SCALE Trail

Paris Mountain Math Trail

More information will be in the next Pre-Conference News and online very soon.

Register online for Math Trails at www.scctm.org.

SPECIAL PRESENTATIONS by

EdVenture Children's Museum in Room 202B

S²TEM Centers in Room 202A

SC Department of Education – refer to program

Texas Instrument on Friday in Room 100B

CASIO on Friday in Atrium Alcove Room

BEYOND



Certificate Renewal Credits

Complete a South Carolina Council of Teachers of Mathematics 2017 Conference Certificate Renewal Credit form after attending your sessions. SCCTM Conference credits are issued under Option #10 of the SC Certificate Renewal Plan.

Preliminary Conference Program Information Content and Organization

Conference presentation information on the following pages is organized as follows:

Time (Type of Session)

TITLE	Session No.
	Room No.
SPEAKER(s)	Grade Levels

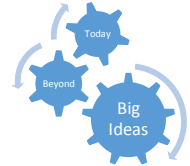
Sessions: 60 minutes

Workshops: 90 minutes

Mini-Courses: 3 hours

Keynote Addresses will be in Room 202C on Thursday and Friday are identified by:

Other presentations by Featured or Keynote Speakers are also identified by:



Updates will also be posted on our websites at www.scctm.org.

Conference Checklist

Did you remember to do the following:

- check the expiration date of your SCCTM membership?
- pay your membership dues?
- complete your registration online (www.scctm.org) or plan to register at conference?
- sign up online for one of the Math Trails?
- reserve your hotel room?
- plan your schedule to include alternative session selections?
- watch for new information in the Pre-Conference Newsletters?





Opening Session 8:30 – 9:30

OPENING SESSION

DR. EDWARD B. BURGER

Sponsored by Houghton Mifflin Harcourt
202BC Session 1 General

Session 9:45 – 10:45

CHILDREN'S BOOKS AND MATHEMATICS MAKE GREAT PARTNERS 2
201
2-5
NANCY L.SHELL

JUST THE FACTS, MA'AM! MATH FACT FLUENCY – BUILDING BLOCKS FOR CONCEPTUAL SUCCESS 3
104A
3-8
THOM O'BRIEN

IT'S NOT RIGHT, BUT IT'S OKAY: ERRORS AS OPPORTUNITIES IN MATH 4
102C
6-12
BRAD FOUNTAIN

STAYING ENGAGED AROUND BIG IDEAS IN MATHEMATICS 5
202C
6-12
BERNARD E. FROST

TBA 6
104B
TBA

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Atrium
General
LEIGH MARTIN, BRIDGET COLEMAN

Workshop 9:45 – 11:15

TOOLS FOR ADDITION AND SUBTRACTION 7
101A
PK-2
ROB NICKERSON

IT'S ALL ABOUT READING 8
202B
PK-5
Sponsored by EdVenture
TIFFANY COLLINS

LIGHT, MATHEMATICALLY-SPEAKING 9
101B
3-5
CHRISTINA WILSON

CONNECTING THE THREAD: DIVISION ACROSS THE GRADES 10
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3-8
Sponsored by S²TEM Centers
MARGARET LORIMER, DEDEE QUINN

MATH FUN "DIE" MENTALS - MATH GAMES 11
102A
3-8
STEPHANIE GARCIA

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203
6-8
NICHOLE CRIMINGER, HILARY MORGAN

EXPLORING SIMILAR TRIANGLES IN GEOGEBRA; PARALLEL LINES AND PROPORTIONAL PARTS 13
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9-12
KALEN IFFERT

APPLYING GEOMETRIC CONCEPTS THROUGH REAL-WORLD, HANDS-ON ACTIVITIES 14
102B
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JENNIFER WILSON

ROCKETS AWAY! GEOMETRY AND ALGEBRA SEND YOU SCARING 15
Atrium Alcove
9-12
TOYEKA A. CAMPBELL

Math Trail 9:45 – 12:45

BUILT TO SCALE – WALK SOUTH CAROLINA IN A MORNING 16
Repeated as 98 Meet in Exhibit Hall
LEE H. GOSNELL 3-8

Mini-Course 9:45 – 12:45

A HANDS-ON APPROACH TO ALGEBRA I 17
Sponsored by National Integrated Cyber Education Research Ctr 103
CRYSTAL ALMOND 8-12

Session 11:00 – 12:00

READING AND WRITING STRATEGIES WITH DIFFERENTIATION FOR ELL, GIFTED, AND STRUGGLING LEARNERS 18
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PK-8
NANCY CARMODY

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PK-12
KEVIN D. LOPRESTO

DEVELOPING STUDENTS' UNDERSTANDING OF FRACTIONS THROUGH EQUAL SHARING PROBLEMS 20
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3-5
CASEY HAWTHORNE, DEMOND CRISS

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104B
9-12
SAWYER JORDAN, JACK WARDLAW

KEYNOTE ADDRESS

KEVIN NOLTEN

DEVELOPING TODAY'S STUDENTS FOR TOMORROW'S WORLD

Sponsored by National Integrated Cyber Education Research Center
202C Session 22 General

Math Trail 11:00 – 1:00

PARIS MOUNTAIN MATH TRAIL 23
Repeated as 113 Meet in Exhibit Hall
CAITLIN DABKOWSI General

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3-5
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Sponsored by EdVenture
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BERNARD E. FROST



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Atrium College
BRIDGET COLEMAN, LEIGH MARTIN

**The 41st Annual
SCCTM Business Meeting
and Awards Ceremony**

Thursday, November 16 5:15 pm in Room 202C

At the end of the meeting, drawings will be held for
FABULOUS door prizes!
You must be present to win.

Enjoy Hors d'oeuvres, Meet your Fellow Educators

Pick up your refreshments in the 2nd Floor Pre-Function Area. Bring your plate with you to the meeting.
Join your peers at the banquet tables.

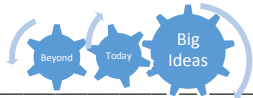
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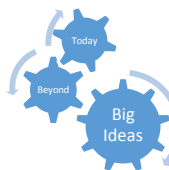
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KEYNOTE ADDRESS



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Sponsored by Glenna Tabor Resources, LLC
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Sponsored by S²TEM Centers 202A
 RHETT NETTLES 6-8

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Sponsored by EdVenture 202B
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Sponsored by EdVenture
PETER NAJIM MARC DREWS General

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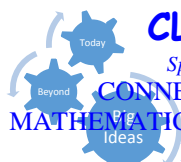
CLOSING SESSION

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CONNECTING BIG IDEAS FOR YOUNG MATHEMATICIANS WHEN RIGOR AND RELEVANCE MEET COLLABORATION

LAUREN STOTT

202C Session 141 General



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