



Georgia Council of Teachers of Mathematics

October 2023 No. 4.

President's Pen

The Georgia Mathematics Conference will be held October 18-20. During the conference, we will host a dedication ceremony in memory of Susan Craig, a long-time member of GCTM. We will also be awarding several free registrations to the 2024 conference in memory of Susan at the First Timers Orientation.

Tammy Donalson
GCTM President



Excitement Builds for Georgia Mathematics Conference!



Julie
Matthews
*Information
Technology*

The upcoming GMC: Rekindle the Joy is the main-focus of the website lately! If you haven't registered yet, you don't want to miss it! Look for upcoming changes to the Meet the Boards page as we roll over into new positions on November 1st!



Registration for GMC 2023 is underway. The GMC Board can't to see you at Rock Eagle!!!

Tynisha Robinson, MW Region Rep



The awards and honors ceremony will take place in the Clover Room on Thursday at 7:30 pm and will include a reception with food and drinks followed by an after-party down at

the Pavilion! GMC attendees are cordially invited to join the nominees in celebration of their outstanding contributions to mathematics education.

Michelle Mikes, VP Honors and Awards



Georgia Council of Teachers of Mathematics

October 2023 No. 4.

GCTM Executive Board News



Did you ever wonder what your GCTM officers on the Executive Board are supposed to be doing?

GCTM policies have been updated following COVID, and are posted on the GCTM website:

<https://gctm.org/policies>

Don Slater, *VP Constitutions & Policy*

Aligning with the goal of GCTM's Access and Equity Statement, "to have access and equity for all students and teachers in the mathematics classroom", I would like to solicit and share the voices of a variety of educational stakeholders who can report updates, ideas, and concerns that will lead to improved mathematics education, in Georgia, and around the world.



Tonya Clarke, *VP Advocacy*

NCTM News

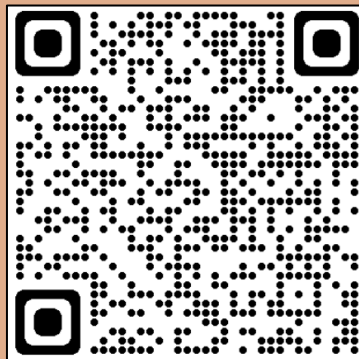
The 2023 NCTM Annual Meeting will be October 25 - 28, 2023 in Washington, D.C. The conference theme is Creating Spaces for Change Through Community: It Starts with You. More information may be found at

<https://www.nctm.org/dc2023/>.

Mark your calendars for the 2025 NCTM Annual Meeting in Atlanta on October 15 - 18, 2025. Proposal submissions for this conference will open on or around July 1, 2024, and close on October 1, 2024. Start planning now for this nearby national conference!

2023
ANNUAL MEETING
& EXPOSITION
Oct. 25-28, Washington, DC

Creating Spaces
For Change
Through Community:
It Starts With You



Don Brown,
NCTM Representative

Join NCTM Today! Click [HERE](#) for more information.



Georgia Council of Teachers of Mathematics

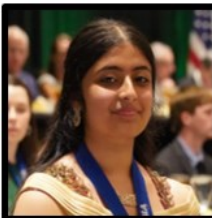
October 2023 No. 4.

Georgia Mathematics Conference

We can't wait to see you at the 2023 Georgia Mathematics Conference. The theme "Rekindle the Joy" will surely inspire you and ignite a refreshed spirit in you for the rest of the school year.

Wednesday	Thursday	Friday
<p>2:00pm -Registration Opens (International Paper)</p> <p>3:30- 5:30pm -Pre-Conference Sessions -Building Thinking Classrooms -A Taste of Summer Academies -Platinum Sponsor Open Sessions</p> <p>7:00pm Opening -Keynote Venya Gunjal, Former State 4-H President -GCTM Business Meeting -TRIVIA at the <u>Pavillion!</u></p>	<p>8:30am Keynote Speaker -Kevin Dykema, NCTM President</p> <p>9:45am- 4:30pm -Concurrent Sessions -Speakers Include: Superintendent Richard Woods, Ron Lancaster, and Members of the Department of Education and the Banneker Society Exhibit Hall Open</p> <p>5:00pm -PE at GMC</p> <p>7:30pm -Awards, Karaoke, & Dancing at the Pavilion</p>	<p>8:30am Keynote Speaker -Francis Su, Harvey Mudd College, Author of <i>Mathematics for Human Flourishing</i></p> <p>9:45am- 3:30pm -Concurrent Sessions -Speakers Include: Daren Starnes, David McMillion, and members of the Department of Education and the Banneker Society -GAAPMT Conference -Exhibit Hall Open</p> <p>Travel Safely Home!</p>

Registration will open at 2:00 on Wednesday and the pre-conference sessions are from 3:30-5:30 ---max occupancy is 30 per session. You must be registered for the conference to attend.



First-Timer
Info





Georgia Council of Teachers of Mathematics

October 2023 No. 4.

Competitions Report

The GCTM tournament secretary, Henry Oglesby stepped down after serving a two-year term. David Hornbeck from Rockdale Magnet is interested in serving as tournament secretary next year.

After the State Tournament, the top students across the state were invited to attend the American Regional Mathematics League contest. The contest is held each June at four locations across the US and virtually around the world. This year, the Georgia ARML team of 33 students and 3 coaches traveled to the University of Alabama, Huntsville, to compete at the ARML team.



Bobby Stecher
VP of Competitions

Georgia's two ARML teams both competed in division B. One of the two teams scored first on-site out of the B teams and fourth overall on-site. Georgia had four young members participate in the tie-breaker event. With a young team (only 2 seniors), we expect to do well next year.

Fall Tournaments

Oct 21	North Fulton Mathematics Tournament
Oct 21	UGA Math Tournament
Oct 28	Rockdale Mathematics Tournament (High Schools)
Nov 1	Kennesaw State University Math Competition (High Schools)

State Competition 2024

Next year's GCTM State Tournament will be hosted on April 27, 2023. This year's tournament writers are . . .

- Shishir Bandi, Ford Motor Company
- Lily Wang, Middle Georgia State University
- Preston Earle, Mount DeSales Academy
- Al Shorey, The Darlington School
- Dennis Wilson, Landmark Christian (Hopefully)
- Rand Wise, Paideia School

For other inquiries about the GCTM State Mathematics Tournament, please contact the Vice President for Competitions at

competitions@gctm.org.



Georgia Council of Teachers of Mathematics

October 2023 No. 4.

Congratulations to the 2023 ARML Team & Coaches!

2023 Georgia ARML Team

Athiwat Ackaramongkolrotn <i>Fulton Science</i>	Samanyu Ganesh <i>Westminster</i>	Sai Palireddy <i>South Forsyth High</i>	Bobby Xia <i>Westminster</i>
Abigail Alemayhu <i>Providence Christian</i>	Peter Garud <i>Stratford Academy</i>	Matthew Patkowski <i>Fulton Science</i>	Kevin Xiang <i>Northview</i>
Akshaj Arora <i>River Trail MS</i>	Anshul Gokul <i>South Forsyth High</i>	Caden Qiao <i>South Forsyth High</i>	Yoyi Xie <i>North Oconee</i>
Aryan Bolakond <i>South Forsyth High</i>	Marty Ho <i>Fulton Science</i>	Sameer Shalim <i>Northview</i>	Raymond Yao <i>Columbus</i>
Sheling Cai <i>Walton</i>	Ashley Hu <i>Northview</i>	Siddarth Suresh <i>Innovation Academy</i>	Henry Yu <i>South Forsyth High</i>
Vrishabh Doshi <i>GSMST</i>	Richard Kang <i>Wheeler</i>	Alex Wa <i>Westminster</i>	Jerry Yu <i>Lakeside MS</i>
Varun Gadi <i>Fulton Science</i>	Juwang Lee <i>GSMST</i>	Zizhan Wang <i>River Trail MS</i>	Cyrus Zhou <i>Innovation Academy</i>
Tejas Gandhi <i>Fulton Science</i>	Zinnun Malikov <i>Innovation Academy</i>	Angelina Wang <i>Stratford Academy</i>	Maxwell Zheng <i>Rockdale Magnet</i>

Coaches

Bobby Stecher <i>Stratford Academy</i>	Preston Earle <i>Mount De Sales</i>	Carolyn Yackel <i>Mercer University</i>
Sema Duzyol <i>Fulton Science Academy</i>	Lily Wang <i>Middle Georgia State University</i>	



Georgia Council of Teachers of Mathematics



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

Individual Memberships

INSPIRING TEACHERS. ENGAGING STUDENTS. BUILDING THE FUTURE.

NCTM is the premier membership association for mathematics educators.

Whether you're a teacher, higher ed faculty, student, researcher, administrator, or somewhere in between, NCTM is here to help YOU on the journey to ensure that each and every student has the opportunity to experience high-quality mathematics instruction, learn challenging mathematics content, and receive the support necessary to be successful.

NCTM Members-Only Benefits:

- **New! NCTM's Webinar Library**
Access to 100+ hours of on-demand professional development.
- **Award-Winning Journals**
Access to *Mathematics Teacher: Learning and Teaching PK-12 (MTLT)* and to *Journal for Research in Mathematics Education (JRME)* and *Mathematics Teacher Educator (MTE)* is also available.
- **Digital Archives**
Access to your subscribed journals as well as a digital archive of one or more of our legacy, practitioner journals.
- **Classroom-Ready Activities**
Full access to a library of interactive and downloadable resources including Illuminations, featuring 700+ lessons searchable by NCTM's Principles and Standards and by the Common Core State standards.
- **Exclusive Discounts**
Save up to 30% on books and events, including virtual and in-person conferences, such as the NCTM Annual Meeting & Exposition
- **Special Offers On Insurance Plans**
Your membership makes you eligible for reduced rates on insurance through the Trust for Insuring Educators
- **MyNCTM Online Community**
Direct connections and engaging conversations in a community dedicated to your profession.

Join Today

WEB:

nctm.org/join

PHONE:

800.235.7566

MAIL:

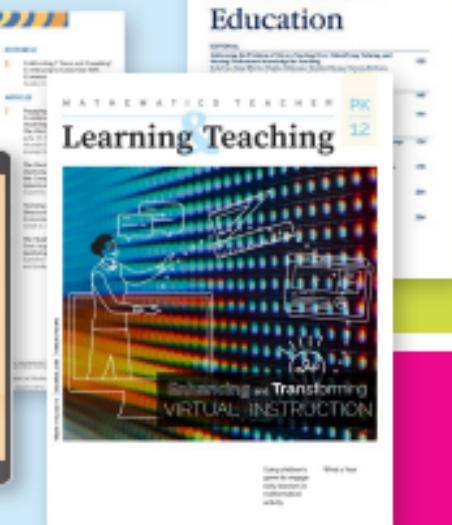
NCTM

P.O. Box 75842

Baltimore, MD 21275-5842

MTLT is a Digital-First Publication

- Print and digital format
- Enhanced lesson plans through digital manipulatives
- Exclusive online content
- Searchable database of content



Choose the membership that's right for you! Learn more at nctm.org/join.



Georgia Council of Teachers of Mathematics



AP Precalculus, AP Calculus, and AP Statistics Teachers

Join us for the GA²PMT Annual Meeting at
GCTM's Georgia Math Conference at Rock Eagle*
 Rooms 1, 2, & 3 of the Gas Building on Friday, October 20, 2023

Meet Our Featured Presenters:

Daren Starnes

Daren Starnes has taught AP Statistics for 25 years and has served for over 20 years as an AP Exam reader and leadership team member. He became a College Board consultant in 1998 and has since led over 100 summer institutes and numerous one- and two-day workshops for statistics teachers. Daren served as lead instructor for the AP Daily video project, and for the past 3 years has partnered with Luke Wilcox to deliver AP Daily exam review sessions for students. He is co-author of two popular high school statistics textbooks—The Practice of Statistics and Statistics and Probability with Applications. Daren and his wife Judy enjoy traveling and spending time with their three sons' families, especially their seven grandkids.

Julie Harrison

Julie Harrison is a gifted-endorsed Math Teacher who has taught high school courses ranging from General Math to AP Calculus BC. For 25 years she taught at Eagle's Landing High School in McDonough, GA with 20 of those years teaching AP Calculus (AB and BC) and Precalculus. Last year, she began working at Spelman College in Atlanta, GA. Julie has been involved in the AP Reading for Calculus exams since 2008 where she has worked on the operational, alternate, and international exams for both AB and BC and served as a Table Leader. She is a member of the AP Precalculus Development Committee as well as an AP Precalculus and AP Calculus workshop consultant. For Georgia's 2020 revision of math standards, she served as Precalculus Team Lead for the Georgia Math Standards Review Teacher Working Committee.

	Room 1	Room 2	Room 3
9:45-10:45	Using Applets to Explore Statistical Relationships Daren Starnes <i>Use freely available applets to analyze relationships between two categorical variables and between two quantitative variables.</i>	IVT, MVT, & EVT and a Nifty Theorem Marshall Ransom <i>Review and apply IVT, MVT and EVT as scored on AP Calculus Exams. This will lead to another theorem that can be shown to be true using the EVT and results in the IVT property being applicable under one simple condition.</i>	Come get the TEA on technology in AP Precalculus Dennis Wilson, Landmark Christian School <i>Explore how to use the TI calculator as a Teaching/Exploration/Assessment (TEA) tool in the AP Precalculus classroom.</i>
11:00-12:00	Making Sense of Statistical Inference Daren Starnes <i>Explore two simulation activities that help students develop the concepts of margin of error, P-value, and statistical significance.</i>	Visualizing Approximation and Error in AP Calculus Dennis Wilson, Landmark Christian School <i>Explore different ways to help students visualize various methods of approximations such as tangent lines, Riemann Sums, and Taylor polynomials.</i>	Pacesetter to AP: Precalculus Through Modeling Storic Atkins, Columbus High School <i>Engage in redesigned modeling tasks inspired from College Board's Pacesetter Precalculus Through Modeling curriculum.</i>
12:00-1:00	GA²PMT Business Meeting & Lunch		
1:15-3:30	Report from the AP Statistics Reading Daren Starnes	Report from the AP Calculus Reading Marshall Ransom Chuck Garner, Rockdale Magnet School Dennis Wilson, Landmark Christian School	Deepening Understanding of Supporting Students in the AP Precalculus Course Julie Harrison, Spelman College

*Registration for the Georgia Math Conference is required to attend the GA²PMT annual meeting. Visit www.gctm.org to register for the conference and see www.GAAPMT.org for more about GA²PMT.

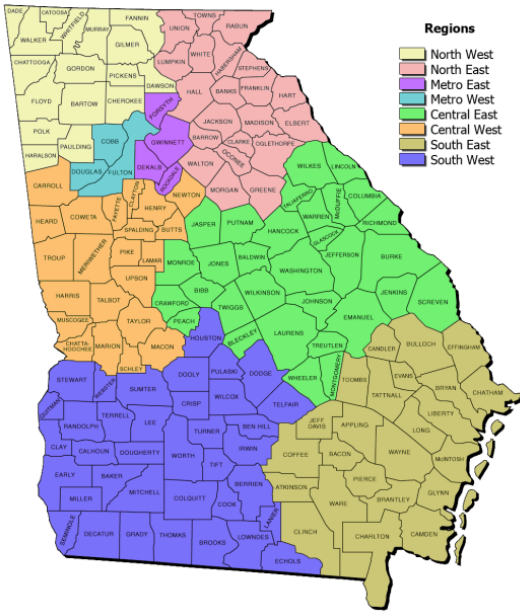
Lunch will be provided during the AP reading session for current GA²PMT members.

Annual GA²PMT membership is \$12, and on-site registration will be available.



Georgia Council of Teachers of Mathematics

October 2023 No. 4.



Region	Representative
Northwest	Abbey Allen
Northeast	Wes Cooper
Metro West	Tynisha Robinson
Metro East	Melanie Williamson
Central West	Malik Henry
Central East	Carlene Basciano
Southeast	Jamesa Broome
Southwest	Gloria Beard

Join Today!



gctm.org/facebook



[@gctm_math](https://twitter.com/gctm_math)



GCTM Board

President – Tammy Donalson

Past President – Kim Conley

Treasurer – Chuck Garner

Executive Director – Debbie Poss

Membership Director – Denise Huddleston

NCTM Representative – Don Brown

Secretary – Storie Atkins

IT Director – Julie Matthews

Publications Editor – Rebecca Gammill

VP for Advocacy – Jennifer Donalson

VP for Constitution and Policy – Don Slater

VP for Honors and Awards – Michelle Mikes

VP for Regional Services – Melanie Williamson

VP for Competitions – Bobby Stecher

GMC Board Chair – Tashana Howse

GMC Program Chair – Nickey Ice

Summer Academies Director – Jennifer Donalson

Contact Us

The Georgia Council of
Teachers of Mathematics, Inc.
P.O. Box 249
Conyers GA 30012