President’s Pen

We are looking forward to seeing everyone at the Summer Academies in June 2023. Seats are still available for anyone wishing to attend. We would also like to welcome Wesley Cooper and Malik Henry to the GCTM executive Committee. Wesley will serve as the Northeast Region Rep and Malik will serve as the Central West Representative. Tammy Donalson, President

Election Results

Election results are in! Thank you to all the candidates and to all those who voted.

Don Slater  
President

Storie Atkins  
Secretary

Tonya Clarke  
VP of Advocacy

Taylor Thompson  
VP of Honors and Awards

Important Upcoming Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 15th</td>
<td>GMC Proposals due</td>
</tr>
<tr>
<td>July 31st</td>
<td>Gladys Thomason Award nominations due</td>
</tr>
<tr>
<td>Sept 1st</td>
<td>Award nominations due (Expect Gladys Thomason)</td>
</tr>
<tr>
<td>Oct 18-20th</td>
<td>Georgia Mathematics Conference</td>
</tr>
</tbody>
</table>
The website is full of to reflect upcoming professional learning opportunities. The GMC Board is in full swing with planning this year's GMC at Rock Eagle. Please refer to the website for updates on GMC dates, schedules, keynote speakers, and basic information. If you have never attended, this is an amazing opportunity! Many updates and important notices for members of GCTM are also shared on the GCTM Facebook page.

NCTM Updates

The 2023 NCTM Annual Meeting & Exposition will be held in Washington, DC from October 25 - 28, 2023 at the Marriott Marquis Washington Hotel. The early-bird conference registration rate of $359 for NCTM members is available until August 30th. After August 30th, the rate will be $401.

The conference theme is "Creating Spaces for Change through Community: It Starts with You". Click on the QR code for more details.
Calling all members to submit a nomination for awards! Awards are presented at the annual Georgia Mathematics Conference by GCTM. The awards will be presented on Thursday evening followed by a reception. We hope to see you there! Please see the attached file for a quick view and link to the awards.

Dr. Michelle Mikes, VP Honors & Awards

<table>
<thead>
<tr>
<th>Teacher of Promise</th>
<th>Bill E. Bompart</th>
<th>John Neff</th>
</tr>
</thead>
<tbody>
<tr>
<td>• May or may not be a member of GCTM</td>
<td>• Member of GCTM</td>
<td>• Member of GCTM</td>
</tr>
<tr>
<td>• Less than 3 years of experience teaching</td>
<td>• The employee of a school system</td>
<td>• Demonstrates excellence as a full-time post-secondary educator or district supervisor</td>
</tr>
<tr>
<td>• Demonstrates qualities of excellence in the teaching of mathematics</td>
<td>• Serves in a role of support to math teachers in instruction and learning</td>
<td>• Serves as an inspirer, a mentor, and an advocate of mathematics and mathematics education</td>
</tr>
<tr>
<td>• The winner receives a free year of membership</td>
<td>• Serves as an inspirer, a mentor, and a supporter of mathematics and mathematics education</td>
<td>• Professionally active in education</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dwight Love</th>
<th>Awards for Excellence in the Teaching of Mathematics</th>
<th>Gladys M. Thomason</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Member of GCTM</td>
<td>• Member of GCTM</td>
<td>• Member of GCTM</td>
</tr>
<tr>
<td>• Models excellence in the profession and life</td>
<td>• Taught mathematics for at least 3 years in Georgia</td>
<td>• Have at least 5 years of teaching or supervisory experience in mathematics or mathematics education in Georgia</td>
</tr>
<tr>
<td>• Gives much to others beyond the classroom as a mentor, teacher, and leader</td>
<td>• Strong content foundation in mathematics for their grade level</td>
<td>• Fully certified in mathematics, elementary or middle grades education at the 4th level or beyond; or at least an assistant professor at the college level</td>
</tr>
<tr>
<td>• Is a master teacher (serves in a leadership capacity beyond the classroom)</td>
<td>• Evidence of growth in teaching of mathematics</td>
<td>• Demonstrates significant service beyond normal job requirements at the local, state, and national levels</td>
</tr>
<tr>
<td>• Is professionally active</td>
<td>• Evidence of professional involvement in GCTM</td>
<td>• Promotes GCTM and its mission</td>
</tr>
<tr>
<td>• Promotes GCTM and its mission</td>
<td>• Has not received the award in the past 5 years</td>
<td></td>
</tr>
</tbody>
</table>
Plans for the 2023 Georgia Mathematics Conference are underway. The board is excited to announce the logo (below) and title of the conference, “Rekindle the Joy.”

Registration Opens
August 1\textsuperscript{st}
Members - $150
Nonmembers - $200

The keynote speakers are Francis Su, Kevin Dykema, and Venya Gunjal.

Featured speakers include Superintendent Richard Woods, Ron Lancaster, Danielle Lanigan, and David McMillon.

Do you want become a presenter? Proposals are due July 15\textsuperscript{th}. Click here or scan the QR Code above.

Tashana Howse
Conference Board Chair

Nickey Ice
Program Chair
On April 29, 2023, the GCTM hosted the State Tournament at Middle Georgia State. The event was held at the Robert Hatcher Conference Center on the Macon Campus. There were 26 schools in the state of Georgia. Although the tournament hasn’t reached its pre-Covid numbers, the tournament had more schools and more students in 2023 than in 2022, Fulton Science Academy earned the top spot with back-to-back titles. Varun Gadi from Fulton Science Academy was the top scorer at this year’s event.

The top students from the state are selected at the GCTM State Mathematics Tournament to represent Georgia at the American Regional Mathematics League, ARML. This year, the top 32 students in the state were selected to compete in ARML. The students are separated into two teams of 15 with 2 alternates. ARML teams are assigned either level A or level B based on past performance in the tournament. This year, both teams competed as B-level teams. One of the Georgia teams was third at the Southeastern site in Huntsville and 5th in the nation for B-level teams.

Tournament directors and math team coaches can find information about upcoming tournaments by visiting the GCTM website at https://www.gctm.org/competitions.

Let S be the natural number defined by $S = 1^2 + 2^2 + 3^2 + 4^2 + \cdots + 20^2$. Find the remainder when S is divided by 8.

(a) 0  (b) 1  (c) 2  (d) 4  (e) 6

Hint: Use sum of squares to rewrite the sum in closed form.
## 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

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**Contact Us**

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

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**Join Today!**

gctm.org/facebook
@gctm_math

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**June 2023 No. 3.**