

Mu Alpha Theta

May 2024

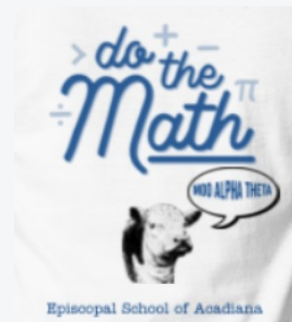


Box Office Mathematical Minutes Videos First place goes to Transmountain Early College High School

"Friend Like This--Calculus" is a magical carpet ride while taking a calculus test. The El Paso, TX, students invite you to watch their winning video, and they thank you for your vote!

<https://www.youtube.com/watch?v=zvLgs2yhp8M>

(continued on page 2)



Election Results! Congratulations!

President Elect: Radleigh Santos (American Heritage, Florida)
Region 1 Governor: Shelby Aaberg (Scottsbluff HS, Nebraska)
Region 2 Governor: Tammi Carlisle (Bolton HS, Louisiana)

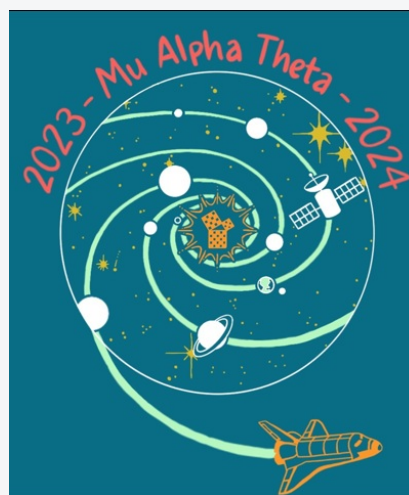
The constitution question regarding Governor duties **passed** with 98 yes votes and 14 no votes.



Andree Award Winners

Congratulations to our 2024 Andree Award winners: **Daniel Wang** from Buchholz High School in Gainesville, FL, and **Margaret Sumera** from the University of Alabama in Tuscaloosa, AL!

The Andree Award, named in honor of Mu Alpha Theta founders, Richard and Josephine Andree, is awarded to deserving students interested in becoming mathematics teachers. One high school senior member and one former or current member now in college are selected for this award every year.

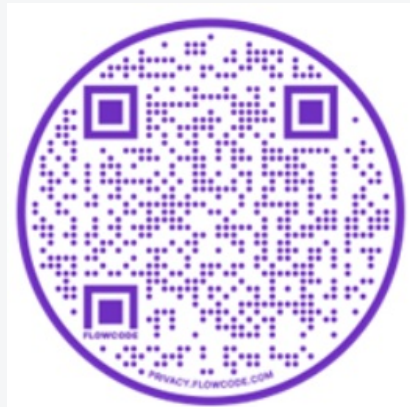


Winning T-Shirt Design

The 2024 T-Shirt Contest winners are the Mu Alpha Theta chapter at St. Petersburg HS, FL.

Box Office Mathematical Minutes Videos

1. Transmountain Early College High School, El Paso, TX
CALGENIE Friend Like This - Calculus
2. International School of Beaverton, Aloha, OR
SMTHINTG Smooth Integral
3. South Iredell High School, Statesville, NC
P(U&ME)? Probability
4. L&N STEM Academy, Knoxville, TN
TENERGY I'm Just Ten
5. Valley Christian High School, San Jose, CA
HYPRSTAT Hypergeometric & Binomial
6. New Tech High at Coppell, Coppell, TX
PARFRACT The Rain Taught Me Partial Fractions
7. Center Hill High School, Olive Branch, MS,
SMARTALG Are YOU Smarter than an Algebra 3 Student?
8. Valley Christian High School, San Jose, CA
ANOVAEMS Analysis of Variance



Go to <https://mualphatheta.org/mathematical-minutes> or use this Flow Code to watch the videos!

Huneke Award Nomination Deadline is June 15th. Nominate your Favorite Sponsor!



Reminder to Students

Students are not nor can they be sponsors. Students should direct all questions to their sponsors rather than the national office.

As a student you should not have access to your sponsor's log in or pa\$\$word.



President Rob Snow's Message

Hello all,

As we approach testing season in high schools (AP/IB/AICE, etc.), we are preparing our students as best we can. The National Convention registration has closed and the convention will be here before you know it. We will be having two more Zoom meetings before the convention to answer any questions that the students or sponsors have about the specific events during the week. The meetings will occur on May 18 and June 23 at 6pm ET.

The last few months of this school year is a great time to plan for next school year with your members. The events you'll participate in and how you'll fund raise to meet your financial needs. The practices, tutoring sessions and community service activities you'd like to do to support your community. Your members are excited for the summer break and letting them know about 2024-25 and what's to come sets up their expectations for another great year.

If anyone has questions, please email me at robsnow23@yahoo.com. Good luck to everyone on the exams!
Thanks, Rob

DANA C. WADE EXECUTIVE DIRECTOR'S MESSAGE



We are so excited to prepare for over 600 members and sponsors to join us at our upcoming National Convention in Las Vegas! For those chapters who have registered, we will be reaching out to you several times between now and July with more information and details about this great event.

Have you heard about the Mu Alpha Theta members, who recently graduated from St. Mary's Academy in New Orleans, who discovered that the Pythagorean Theorem could be solved with trigonometry? Check out their story in this newsletter!

Are you following Mu Alpha Theta on social media? We post several times each week with information about upcoming events, math history and challenges, scholarship and award winners, and chapters and members of our honor society. Please subscribe so that you can receive our messages.

Thank you to all of our chapters who have purchased graduation regalia from us this year!

Regards, Dana

Mu Alpha Theta Members 5/18/24 6 pm ET Zoom Meeting

Join Zoom Meeting
<https://us06web.zoom.us/j/81978226079>

Meeting ID: 819 7822 6079

Keep Calm & Order Your Graduation Regalia*!

***Cords, Pins, Stoles, and/or Tassels**

Mu Alpha Theta

Convention Page

May 2024

The following chapters will be attending the National Convention in Las Vegas They will be making new friends, listening to speakers, including Richard Rusczyk, taking tests, giving chalk talks, designing a poster, attending an outing to the Sphere or to the Cirque du Soleil show "KA" and so much more!



Alabama School of Fine Arts
American Heritage High School
American Heritage Schools - Palm Beach
Baton Rouge Magnet High School
Berkeley Preparatory School
Benjamin Franklin High School
Bolton High School
Brentwood High School
Buchholz High School
Catholic High School
Cookeville High School
Cypress Bay High School
Dallas College
Deerfield Beach High School
Doral Academy
Dunbar High School
Florida State College at Jacksonville
Gainesville High School



Grissom High School
Hooper Academy
Jesuit High School
Kamehameha Schools
King High School
Marion High School
Mary Help of Christians Academy
Memphis University School
Millennium 6-12 Collegiate Academy
Oaks Christian High School
Orlando Science Schools
Rickards High School
Round Rock High School
Saint Edward's School
Scottsbluff High School
Skyview High School
Tempe Preparatory
Thomas Jefferson High School
Vestavia Hills High School
White Station High School



Reminder

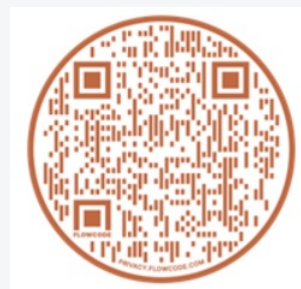
- Plane changes, expecting a bus? Be sure to let Kim and Karen know!

To have a positive, memorable convention experience, please . . .

- Introduce yourself to your those sitting near you before or after tests to make new friends.
 - Bring plenty of sharpened pencils.
 - Wear your name tag while at the convention.
 - Take lots of photos.
 - Bring dressy clothes for the final awards ceremony.
 - Pack sunscreen.
- Stay hydrated. It's high desert!
 - Get to meals on time.
 - Be on time for tests!
 - Attend mixers and speaker sessions.
 - Keep your room neat! Your mother doesn't work there.
 - Ensure that your delegate attends the delegate meetings.
 - Be in your room by curfew!

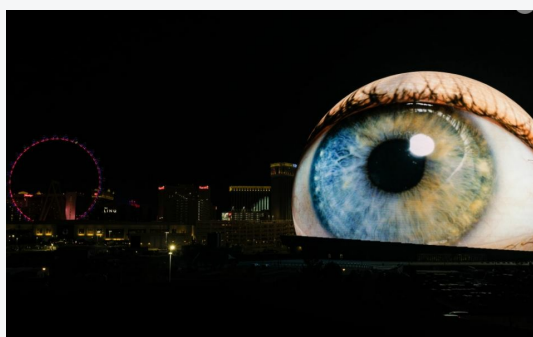
Note to Student Delegates

Be sure to read the Student Delegate Assembly Bylaws. These can be found on at <https://mualphatheta.org/student-delegate-assembly>



Submit a Picture and Logo

Please submit a picture of your MAΘ chapter (members, school, activity, etc) or school/chapter logo in jpg format to woolfmath@aol.com and info@mualphatheta.org by June 1, 2023. Be sure to include the name of your school in the subject line of the email.



Next year the Convention will be in Orlando, FL. Hope to see you there!

Just a few of our awesome scholarship winners with sponsors and a principal



Aditya Sharma



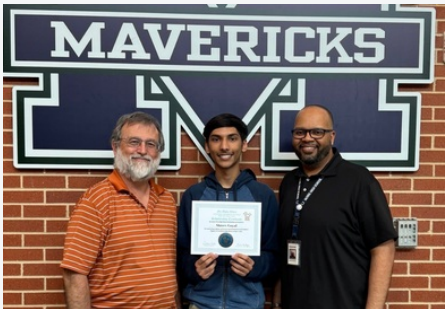
Devin Lai with Sponsor



Maria Mantikas, sponsor, and Nora Kane



Veronica Cambra-Faraci, sponsor, and Theodore Kusbiantoro



Tom Decker, Sponsor, Shreev Goyal, and Dr. Mack Eagleton IV, principal



William Clark, and sponsor Eddie Britt.



Mu Alpha Theta members prove an "impossible to prove" theorem!

As shown on CBS *60 Minutes* on Sunday, May 5, 2024, Calcea Johnson and Ne'Kiya Jackson, graduates from St. Mary's Academy, New Orleans and Mu Alpha Theta members created

a new proof for the Pythagorean Theorem, a fundamental principle of geometry, using trigonometry.

"When Calcea and Ne'Kiya set out to create a new Pythagorean Theorem proof, they didn't know that for thousands of years, one using trigonometry was thought to be impossible. In 2009, mathematician Jason Zimba submitted one, and now Calcea and Ne'Kiya are adding to the canon."

"Calcea and Ne'Kiya had studied geometry and some trigonometry when they started working on their proofs, but said they didn't feel math was easy. As the contest went on, they spent almost all their free time developing their ideas." --*60 Minutes*

After winning the local prize of \$500, they went on to present their proof at a national mathematics conference.

Both are now at universities working on their degrees, which are not in mathematics yet.

[Link to 60 minutes story](#)



Chapter T-shirts

Mu Alpha Theta loves chapter T-shirts. However, it must be clear to all that your T-shirt represents your chapter and not the National organization.



Therefore, we ask that you help preserve our copyright by seeking permission for your design. Send your design to info@mualphatheta.org.

- 1) The side of the shirt that shows the logo, MAT, and/or Mu Alpha Theta must include the school name or its initials.
- 2) Please include your **chapter name & number** in your email.

We do not critique your design; we just check that your chapter is a member and that you follow rule #1 above.

Karen Kating
Hours: M-F
8:30 am—4:30 pm CT

The office will be closed May 27 in honor of Memorial Day.

OFFICIAL GRAD SWAG!



Honor Cords - \$6



Tassel - \$5



Honor Stole - \$20

Emails are the best way to communicate with the National Office. Karen is the only person who answers the main phone line, and sometimes she works from out of the office, where she cannot answer the phone. Just drop us an email at info@mualphatheta.org, and we will help you!

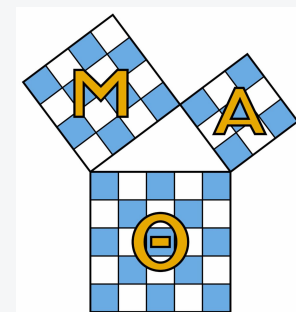
WATCH YOUR EMAIL FOR PAST DUE NOTICES! ALL INVOICES MUST BE PAID BY THE END OF THE ACADEMIC YEAR.

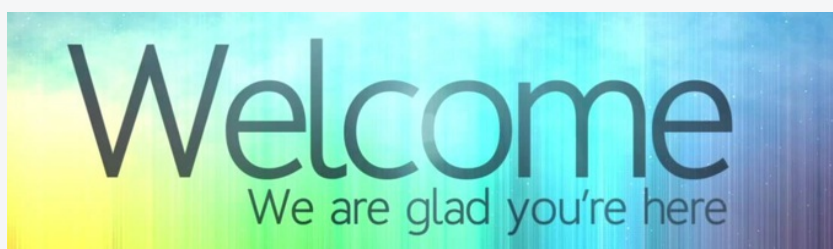
Orders are processed on the next business day after they are received. Orders of more than 10 certificates and/or merchandise are shipped via UPS ground and typically take 3-5 business days. Please note that inclement weather in Oklahoma may occasionally delay shipping, and you will be notified if this occurs. Orders of 10 or fewer certificates are sent by standard mail, and specific delivery dates cannot be guaranteed.

Our system is designed to release cords exclusively for seniors. Therefore, if you need to add seniors and order cords, two separate orders must be placed. However, the same purchase order (PO) can be utilized for both. If both orders are submitted on the same day, they will be shipped together and will count as one of your two complimentary shipments per school year. Don't forget to order your graduation regalia well in advance!

Graduation cords for Mu Alpha Theta can only be purchased from Mu Alpha Theta. The money from the cord purchases helps pay for scholarships.

If your school does not allow the purchase of Mu Alpha Theta cords, you might consider purchasing ribbons with medallions.





Help us welcome these new chapters and thank Karen Kating and members of the Governing Council for facilitating the process!

(4/6/24 - Cinco de Mayo, 2024)

School Name	City	State	Region
Bassett High School	Bassett	VA	4
Columbia Cty Christian School	Bloomsburg	PA	4
Dover HS	Dover	NJ	3
Gadsden State CC	Gadsden	AL	3
Garnet Valley HS	Glen Mills	PA	4
Hempfield Area Senior HS	Greensburg	PA	4
J. C. Bermudez Doral Senior HS	Doral	FL	4
Joppatowne HS	Joppa	MD	4
Magen David Yeshivah, Joe & Celia	Brooklyn	NY	3
Esses HS			
Pikesville HS	Pikesville	MD	4
Salisbury HS	Salisbury	NC	4



For a printable copy of the Newsletter, go to <https://mualphatheta.org/newsletter-archive> then click on 2024 May.

Mu Alpha Theta | c/o University of Oklahoma, 3200 Marshall Ave, Suite 150, Norman, OK 73019 info@mualphatheta.org

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