

Mu Alpha Theta



April 2024



Top 8 Mathematical Minutes Videos

See your sponsor email for links and the ballot!

CALGENIE

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

SMARTALG

<https://youtu.be/kczgwjS1Uag>

HYPRSTAT

https://www.youtube.com/watch?v=_51ofw1ku30

PARFRACT

<https://www.youtube.com/watch?v=H2rRnQ7Isjl>

P(U&ME)?

<https://www.youtube.com/watch?v=QH9cPF5pAtA>

TENERGY

<https://youtu.be/k4JeB1VBPHo>

ANOVAEMS

<https://youtu.be/PpAr5KuGvR4>

SMTHINTG

<https://youtu.be/pZw3BHCpdnQ?si=PL80vAKP-0KOvCkg>



Register!

Join us for the Sweet Sixteen of Mu Alpha Theta, where unlike basketball, everyone has a chance to win. It promises to be an exciting week in July, filled with competitions, conversations with friends, inspiring speakers, and an exclusion to The Sphere or Beatles Love.

Make sure to register for the convention before May 1, 2024--7 pm CT.

Sister Scholastica Nominations due May 15, 2023

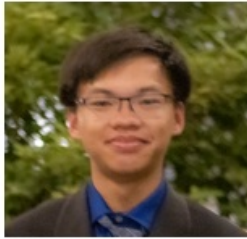
Sister Scholastica was a devoted sponsor and a constant presence at national conventions. Nominate your most dedicated sponsor for this esteemed award, chosen and bestowed by the students.



Schedule highlights include Delegate meetings with lunch on Monday, Tuesday, and Thursday and Massages for Coaches on Wednesday. For more details go to <https://mualphatheta.org/newsletter-archive> then click on 2024 April. The schedule is at the end.



President Jesse Brodtman



Vice President Peter Le

Student Delegate Officers' Top Reasons to attend the National Convention

1. Compete in a prestigious national competition!
2. Meet like-minded peers from all over.
3. Explore Las Vegas through fun excursions!
4. Have a blast with your friends!
5. Learn from amazing professionals!
6. Explore math through interesting and specialized topics.



Secretary Allison Xie



Parliamentarian Mackenzy Beppu

The Results are in ...

2024 Named Scholarship Recipients (\$5000)

Mary Rhein Memorial Scholarship--Romir Mohan American Heritage Broward FL
 Kay Weiss Scholarship--Annie Ye William Mason HS OH
 Sallie Scudder Memorial Scholarship--Raymond Yao Columbus HS GA
 Paul R. Goodey Scholarshi--Shreev Goyal McNeil HS TX

2024 Two-Year College Scholarship Recipients (\$4000)

Copiah-Lincoln CC MS: Kortne Nelson (who is pictured below)
 Copiah-Lincoln CC MS: William Clark
 St Paul College MI: Betheny Amyotte

High School Scholarship Recipients (\$4000)

Eli Mrug, Alabama School of Fine Arts AL
 Vinh Bui, Baton Rouge Magnet LA
 Carol Li, Vestavia Hills HS AL
 Jason Wang, William Mason HS OH
 Devin Lai, Palos Verdes Peninsula HS CA
 Cynthia Liu, Alabama School of Fine Arts AL
 Jesse Brodtman, American Heritage Palm Beach FL
 Nora Kane, Lynbrook Senior HS NY
 Yash Saxena, Maggie L. Walker Governor's School VA
 Dylan Rhoton, Brother Martin HS LA
 Sydney Lee, American Heritage Broward FL
 continued on the next page



High School Scholarship Recipients (\$4000), continued

Qingyuan Hu, Maggie L. Walker Governor's School VA

Aarush Lanjharia, Dunwoody HS GA

Natalie Veale, Hopewell Valley Central HS NJ

Aaron Hu, Lawton Chiles HS FL

Nathan Wei, Buchholz HS FL

Omer Demir, Orlando Science HS FL

Kelsey Morey, Buchholz HS FL

Nandini Sachdeva, Westfield HS IN

Noah Avis, Catholic HS VA

Shyamaa Karthik, St. Andrew's School FL

Jacopo Rizzo, Torrey Pines HS CA

Theodore Kusbiantoro, Rye Neck HS NY

Mikayla Lin, Stuyvesant HS NY

Aditya Sharma, Lightridge HS VA

Sofia Stakhya, Applied Technology HS NJ

Anya Gada, Orlando Science HS FL



President Rob Snow's Message

As we approach the final quarter of the year, the deadline for the National Convention in Las Vegas is approaching. The early bird registration of \$575 per person is due by April 24, and if you wait until the final deadline of May 1, the registration is \$600 per person. Please be proactive and get the registration submitted early to save money.

Please remember to vote via the email that was sent out on March 12. It's important for all sponsors to vote for who they would like to represent the region and the nation and to vote on the proposed amendment.

The April Zoom student meeting will be on Sunday, April 14, at 6pm Eastern time. This will be the last meeting before the National Convention deadline. The meetings in May and June will be specifically regarding the National Convention events during the week.

DANAC. WADE EXECUTIVE DIRECTOR'S MESSAGE



Congratulations to our scholarship winners! We appreciate all of the time and effort that all of our applicants gave to their applications. And it's great to hear about all of the activities, competitions, and volunteer opportunities that so many of our Mu Alpha Theta members are participating in all over the country.

National Convention registration will end on April 30. Don't forget that we have the early bird discount through April 24!

Governing Council voting and Math Minutes voting are both open this month. Every vote counts!

I'm sure that many of your students are counting down the days to graduation. Remember to order your Mu Alpha Theta regalia!

Our system only releases cords to seniors so if you need to add seniors and order cords, you will need to place two orders. The same PO can be used for both orders. If both orders are placed the same day, they will be shipped together and be considered one of your two free shipments/school year.

Regional Sponsor of the Year Award

- DEADLINE: March 15
- sponsor award for significant contributions to MAT
- \$1,000 for sponsor



Attention All Sponsors Elections

Every Mu Alpha Theta sponsor was sent an electronic ballot on March 11, 2024, for the forthcoming elections and constitutional amendment. Each chapter is entitled to one vote. The ballot must be submitted no later than 6:30 pm CT on April 19, 2024.

Mu Alpha Theta Members 4/14/24 6 pm ET Zoom Meeting

Join Zoom Meeting
<https://us06web.zoom.us/j/89177043553>
Meeting ID: 891 7704 3553

Convention Deadline: No registrations will be accepted after 8 pm, ET, on May 1. All payments must be postmarked on or BEFORE May 1. Check the sponsor packet for Early Bird Information.

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 # 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.

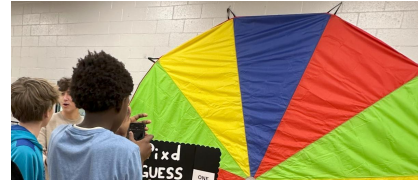




Keep Calm & Order Your Graduation Regalia*!

*Cords, Pins, Stoles, and/or Tassels

Our PI Day Carnival was a success here at **North Warren Regional in New Jersey!** Students were happily engaged in several games, including PI Cornhole, PI Yahtzee, Spin-it-to-Win-it, Guess the Circumference of the Parachute, and more! Winning prizes such as apple, cherry, and Moon pies was the cherry on top! Tanner Cook was our Emcee and did a great job getting students involved in the fun! PI stickers and tattoos were worn with pride this day! Looking forward to doing this again next year!



North Warren Regional applied for and was granted a chapter grant to help defray some of the expenses.

Sponsor News April 2024



Registering for the 2024 Convention

1. Reserve your Rooms.*
2. Gather all the needed information.
3. Members recommend using Microsoft Edge .
4. Using your chapter number and pa\$\$word, sign into www.mualphatheta.org
5. Then Click on the blue button, "Conventions". Once there, choose "Join Convention."
6. Follow the Convention Instructions that are accessed by clicking the blue button on the upper right-hand corner of the registration page.
7. When registering you may SAVE your information and edit, BUT...ONCE you press SUBMIT, you may not change anything. Once submitted, it will be time-stamped.
8. PLEASE READ THE GOOGLE DOC DIRECTIONS VERY CAREFULLY!--Kim Woolfenden

* President Rob Snow shared the following:

"Schools need to be aware of the \$16 resort fee plus 13.38% tax rate per room per night. That's going to add on a large extra cost you need to plan for.

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

OFFICIAL GRAD SWAG!



Honor Cords - \$6



Tassel - \$5



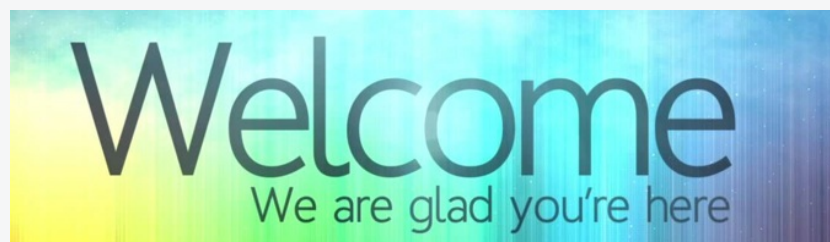
Honor Stole - \$20

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!

(3/1/24 - 4/5/24)

School Name	City	State	Region
Hurricane High School	Hurricane	UT	1
Mullen High School	Denver	IL	1
Metea Valley High School	Aurora	IL	1
Trinity High School	River Forest	IL	1
Lafayette Renaissance Charter High	Lafayette	LA	2

Registration for the 52nd In-Person Mu Alpha Theta National Convention is Open

Las Vegas, NV, July 7 - 12, 2024

For details, check the Sponsor Packet at
<https://mualphatheta.org/national-convention>

April 24, 2024 (8 pm ET)--Early bird registration: IF you are 100% registered and your payment is postmarked (yes, we will check) ON or BEFORE April 24th, you may register for \$575 each. However, NO changes after your postmark date or you pay full price

May 1, 2024 (8 pm ET)--National Convention registration due: The registration fee will be \$600 per participant registered prior to May 1, 8PM ET. The site will shut down on May 1st at 8pm Eastern Time. . No registrations will be accepted after 8PM ET, on May 1. All payments must be postmarked on or BEFORE May 1.

May 1, 2024--Math Minutes video winners posted

May 27, 2024--Memorial Day--National Office closed

For the National Convention Schedule, go to <https://mualphatheta.org/newsletter-archive> then click on 2024 April. The schedule is at the end.

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

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Mu Alpha Theta National Convention

Las Vegas, Nevada July 7-12, 2024



SUNDAY-7/7

8:00-2:00 pm	Governor's Meeting	EXECUTIVE Board Room
3:00-5:30 pm	Registration	Parthenon Foyer
10am-5:30 pm	Luggage holding	Parthenon 5
5:00-7:15 pm	DINNER	APOLLO
6:00-7:15 pm	Dinner & Meeting with HEAD Coaches	ZEUS
7:30-9:00 pm	Opening Ceremony (poster theme)	PARTHENON
9:30 - ? pm	Mixer	PARTHENON
11:15-11:30 pm	Curfew	In Your OWN Room

Get some rest! Tomorrow will be a LONG day! You need to sleep.

MONDAY -7/8

YOGA Stretch 5:15a-6:15a 3rd floor green space. Bring your mat or a towel.

6:30-8:00 am	Breakfast	APOLLO
	New Sponsor Breakfast	Pegasus Showroom
8:00-8:45 am	College Coaches talk with Jonathan Weisbrod and Rita Ralph	Pegasus Showroom
8:30-10:00 am	TOPIC TEST 1	PARTHENON
Theta-Triangles	Alpha-Eqn & Inequalities	Mu-Limits & Derivatives
Theta-Eqn & Ineq	Alpha-Math in Physics	Mu-BC Calculus
Theta-Conics& Analytic Geom	Alpha-Analytic Geometry	Mu-Math in Physics
	Open-History of Math - ZEUS	
8:30-9:30 am	Sponsors: Texas Instruments Tom Reardon	PARTHENON 5
10:00-10:15 am	Disputes Open	Parthenon Foyer
10:45-11:45 am	Sponsors: Texas Instruments Tom Reardon	PARTHENON 5
10:30-12:00	Individual Tests: Mu, Alpha, Theta	PARTHENON
12:00-12:15 pm	Disputes Open	Parthenon Foyer
12:15-1:30 pm	Lunch	APOLLO
	Delegate Meeting w/ lunch	ZEUS
1:45-4:45 pm	Chalk Talk Finals	
Note: A talk fitting broader topic (for example, Hotel industry) is sufficient, it does not have to fit the narrower topic (for example, dessert)	Mu- Math and Profitability (Entertainment vs. Gambling)	PARTHENON
	Alpha- Math and the Desert (Climate effects, water sources)	PARTHENON 5
	Theta- Math and Desserts (Baking industry in hotels)	ZEUS

	HOLDING ROOM	?
6:00-8:00 pm	Governor's Meeting/Kalin Interviews	Executive Board Room
5:00-7:00 pm	Dinner	APOLLO
5:05-5:50 pm	Mental Math - Unlimited coaches	PARTHENON
3 kids per school max!	Speed Math - Unlimited coaches	PARTHENON
8:00-10:00 pm	AoPS Interschool Test	PARTHENON
11:15-11:30 pm	Curfew	In Your Room

TUESDAY-7/9 *Mondays Verification sheets due before 9 am*

YOGA Stretch 5:15a-6:15a 3rd floor green space. Bring your mat or a towel.

6:30-8:00 am	Breakfast	APOLLO
	New Sponsor Breakfast	Pegasus Showroom
8:30-10:00 am	TOPIC TEST 2	PARTHENON
Theta-Applications	Alpha-Applications	Mu-Applications
Theta-Comb & Prob.	Alpha-Trigonometry	Mu-Integration
Theta-Circles & Polygons	Alpha-Combinations & Probability	Mu-Combinations & Probability
	Open-Number Theory	
9:00-10:00 am	LEAD Sponsor's Mtg -Info on buses to The Beatles LOVE or The Sphere	PARTHENON 5
10:00-10:15 am	Disputes Open	Parthenon Foyer
10:30-11:30 am	Speaker Sessions pick one. Raffle Tickets passed out at the end of the session.	
11:30-1:00 pm	Lunch	APOLLO
	Delegate Meeting w/ lunch	ZEUS
1:15-2:15 pm	Speaker Sessions pick one. Raffle Tickets passed out at the end of the session.	
2:45-4:30 pm	CIPHERING	PARTHENON
4:30-4:45 pm	Disputes Open	Parthenon Foyer
5:00-7:00 pm	Dinner	APOLLO
7:00-7:30 pm	Poster Due	Parthenon Foyer
8:15-? pm	Poster Judging	PARTHENON 5
8:00-9:45 pm	HUSTLE	PARTHENON
8:00-9:45 pm	RELAY	ZEUS
9:30-9:45 pm	Disputes Open	Parthenon Foyer
10:00-11:15 pm	1st Awards Ceremony	PARTHENON
11:15-11:30 pm	Curfew	In Your Room

TOMORROW: BEATLES-LOVE or THE SPHERE



Wednesday—7/10 Tuesdays Verification sheets due before 9 am

YOGA Stretch 5:15a-6:15a 3rd floor green space. Bring your mat or a towel.

7:00-8:30 am	Breakfast	APOLLO
8:45-10:00 am	TOPIC TEST 3	PARTHENON
Theta-Area & Volume	Alpha-Sequences & Series	Mu-Areas & Volume
Theta-Logs & Exp	Alpha-Matrices and Vectors	Mu-Sequences & Series
Theta-Seq & Series	Alpha-Complex Numbers	Mu-Compréhensive
	Open-Discrete	
10:00-10:15 am	Disputes Open	Parthenon Foyer
10:30-11:30 am	College Time for Seniors	ZEUS
11:45-1:00 pm	2nd Awards Ceremony	PARTHENON
1:15-2:45 pm	LATE Lunch	APOLLO
3:00- 6	DINNER ON YOUR OWN	
5-6pm loading times to be determined	BUS LOADING or WALK	Staging in APOLLO

The Beatles "LOVE" at the Mirage OR The Sphere - "Postcard from Earth"

	7pm show times	
"Love" - DO NOT CROSS LINES INTO CASINO AREAS!		

When shows are over follow BUS LOADING TIMES or WALK back with COACHES

11:15-11:30 pm	Curfew	In Your Room
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Thursday—7/11 Wednesdays' Verification sheets due before 9 am

YOGA Stretch 5:15a-6:15a 3rd floor green space. Bring your mat or a towel.

6:30-8:00 am	Breakfast	APOLLO
8:30-9:45 am	SCHOOL BOWL (no 1-person teams)	PARTHENON
	*Gemini SAME SCHOOL groups of 2.	ZEUS
9:45-10:00 am	Disputes Open	Parthenon Foyer
10:00am - 4:00pm	Massage Time for Coaches Sign up for times	PARTHENON 5
11:30-1:30 pm	Lunch	APOLLO
11:00-1:00 pm	Delegate Meeting w/ lunch (meeting starts 11:30)	ZEUS

Today's (Thursday) *Verification sheets are due BEFORE 2pm*

1:30-4:30 pm	Free Time to Explore	
5:00-7:00 pm	Dinner	APOLLO
7:30-10:00 pm	Final Awards Assigned seats	PARTHENON
	A Dressy affair	
11:15-11:30 pm	Curfew	In Your Room

Friday—7/12 Buses to airport. 3am until 3:30 pm

Grab and Go Breakfast (pre-paid by school)

See you next year in Orlando!