



# Mu Alpha Theta

SEPTEMBER 2025

**DANA WADE**

A message from the Executive Director

With the new school year underway, your Mu Alpha Theta chapter meetings will start again soon. What will you be talking about? Here are some suggestions:

1. Mu Alpha Theta contest participation
2. Mu Alpha Theta scholarship applications
3. Mu Alpha Theta grant applications
4. Mu Alpha Theta award applications
5. Mu Alpha Theta graduation regalia
6. Mu Alpha Theta national convention in Frisco, Texas, in June of 2026
7. Mu Alpha Theta student delegate officer Zoom meetings, starting in January
8. Mu Alpha Theta t-shirts, tote bags, magnets, and decals for sale on the MAT website
9. Mu Alpha Theta social media and newsletter
10. Mu Alpha Theta website resources for members and sponsors

We will continue to update our communications throughout the year to give you information and reminders about upcoming deadlines and events.

Have a great September!

Dana Wade, Executive Director

# RADLEIGH SANTOS

## A message from the President

Hi Everyone!

As school begins around the country for us all, it's never too early to start thinking about upcoming sponsored Mu Alpha Theta math competitions, especially including the National Convention next year from June 28 to July 3. Because of the World Cup, it's more important than ever to plan travel as early as possible. I am often asked how best to prepare for math competitions; a sponsor's number one role is to provide structure for their students to practice and learn all of the wonderful advanced mathematics on display at these competitions!

In the Spring semester, the student delegate officers and I will be hosting monthly Zoom meetings for students interested in attending the National Convention. The dates of those meetings are:

January 25th, February 22nd,  
March 29th, and April 26th

The meetings are at 7:30 pm  
ET/6:30 pm CT, and the Zoom link  
will be:

<https://nova.zoom.us/j/9677355280>

Please share that information with students as the dates approach. As always, please don't hesitate to contact me if you have any questions or concerns at [radleigh@nova.edu](mailto:radleigh@nova.edu).

**Say hello to  
Mu Alpha Theta's  
New President!**



**Radleigh Santos**

**MAΘ President**



# ALBERT DING

## A message from the Student Delegate President

Dear Mu Alpha Theta Sponsors,

I hope this message finds you well as we begin another exciting year together. It is a privilege to serve as your National Student Delegate President, and I am eager to share some updates and opportunities for the months ahead.

First, we are launching a Student Leadership GroupMe to strengthen connections across our chapters. This group will serve as a space for student leaders to connect, exchange ideas, and catch announcements. Please invite your students to join by searching “Mu Alpha Theta Student Leaders” on GroupMe discovery or using this link:

[https://groupme.com/join\\_group/109882514/BGLzACfw](https://groupme.com/join_group/109882514/BGLzACfw).



In addition, we will be hosting monthly Student Open Forum meetings starting in January on Zoom. These gatherings will provide students with an opportunity to ask questions, share ideas, and learn more about the national convention and Mu Alpha Theta initiatives.

On behalf of the student delegate board, thank you so much for your support and dedication to your chapters and to this community of young brilliant mathematicians. We are looking forward to an amazing year ahead.

Follow our student-run Instagram @mualphatheta and feel free to reach out anytime at [mualphathetasd@gmail.com](mailto:mualphathetasd@gmail.com)!

Best regards,  
Albert Ding  
National Student Delegate President  
Mu Alpha Theta

# Scholarship applications are open!

Each year, Mu Alpha Theta and its Educational Foundation offer \$4,000 scholarships to support exceptional student members. Eligible applicants include graduating high school seniors and students from two-year colleges who are actively involved in a current chapter. Chapter sponsors may nominate up to two students for consideration.

Ideal candidates are not only strong in mathematics but also deeply committed to their chapter, demonstrating enthusiasm through local involvement and meaningful contributions to math-related service projects. There are also three \$5,000 scholarship that will go to the top candidates.



**The Mary Rhein  
Memorial  
Scholarship**



**The Kay Weiss  
Scholarship**



**The Paul R.  
Goodey  
Scholarship**

Submit your applications by **February 2, 2026.**

[Apply here](#)

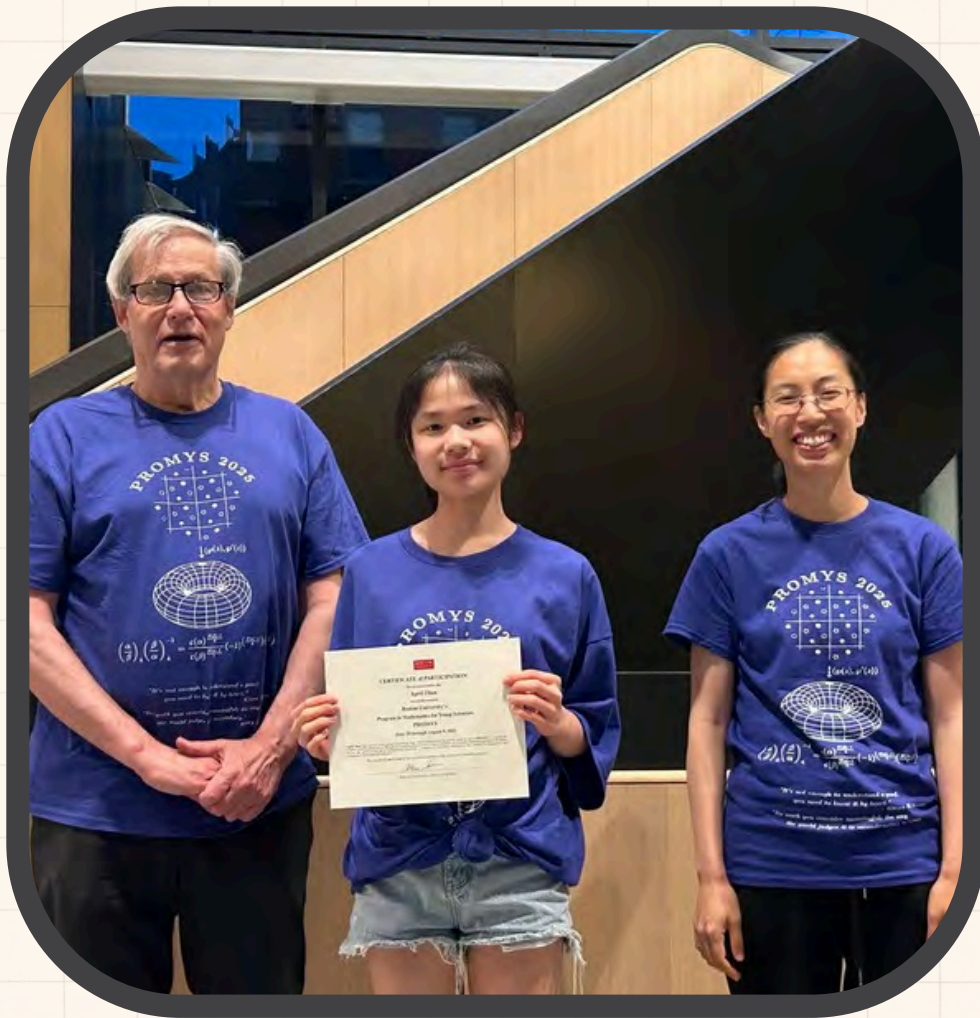
## 2025 Orlando Poster Contest Winner



**1<sup>st</sup> Place  
American Heritage Broward**



# Summer grant winner



## April Zhan

Neuqua Valley High School  
Naperville, IL

The MAΘ Summer Grant allowed April to attend PROMYS (Program in Mathematics for Young Scientists). April described PROMYS as a transformative experience that deepened her mathematical thinking and exposed her to the rigor of pure mathematics. She credits Mu Alpha Theta's Summer Grant for making the opportunity possible and passionately encourages others to pursue similar programs, emphasizing that financial barriers shouldn't prevent students from accessing life-changing academic experiences.

# The Maths of the Seasons

## CALCULATING THE COOL COUNTDOWN TO SEASONAL SHIFTS

BY MICHELLE CONNOLLY

Imagine our planet as a giant cosmic clockwork where a  $23.5^\circ$  tilt and a 365-day orbit choreograph the seasons like a dance.

So, every autumnal equinox (around September 22) and winter solstice (around December 21) hits like a drumbeat you can count. By simply tallying the days between these celestial milestones, you can predict exactly when daylight shrinks beneath ten hours and sweaters make their debut, turning geometry and calendar math into a countdown to September's golden glow.





# New Chapters

| SCHOOL             | CITY   | STATE | REGION |
|--------------------|--------|-------|--------|
| Weston High School | Weston | CT    | 3      |

New Chapters (08/01/25 - 08/31/25)

## Important Dates

### September 2025

|   |       |
|---|-------|
| Scholarship and Award applications open on<br>MAΘ website | Sep 1 |
| Labor Day - National Office closed                        | Sep 1 |

### October 2025

|                              |           |
|------------------------------|-----------|
| NCTM Conference, Atlanta, GA | Oct 15-18 |
|------------------------------|-----------|



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