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Chi Alpha Mu Newsletter

Spring 2016

News From the President

CONGRATULATIONS on another year with your Chi Alpha Mu club!! I hope you have experienced lots of fun and creative events in your chapter this school year. Many of you may have participated in math contests, learned new ways to tackle math puzzles and problems, discovered new topics in mathematics, or participated in Pi Day or 100th Day activities during the year. All of this leads your students to a love and enjoyment of mathematics which is what Mu Alpha Theta and Chi Alpha Mu are all about.

Sponsors, don't forget about the Chapter Grants that are available to you as you plan new activities for your club next year. They can help defray expenses and provide a way to participate in new and exciting events. Many of your students will be moving on to high school next year. Hopefully, their new schools will have a Mu Alpha Theta chapter and they can continue to enjoy mathematical activities. Encourage your students to stay involved in mathematics throughout their lives and to continue to grow in their knowledge and love of one of the most useful and intriguing subject around **MATHEMATICS!!**

Betty Hood

Check out the website for merchandise:

t-shirts, buttons, certificates, banners and more...

www.chialphamu.org



Reminder: It is critical to remember to get permission from the National Office before using Chi Alpha Mu's name on your Facebook page or on other social networking sites. A teacher or other approved adult must have administrative

From the National Office

<http://www.chialphamu.org/Merchandise/>

Have questions? Need anything? Both Judy and I are always available to answer questions and help. I can be reached at **matheta@ou.edu**.



Free TI-84 Plus Calculators!

The National Office has only a few free TI-84 Plus calculators to give away. The first chapters to email and request one will receive one calculator each.

****Chapters who have received a calculator in the past seven years are not eligible.****

Email Kay Weiss at **matheta@ou.edu**

Chi Alpha Mu Coordinator - Judith Deeley

We are approaching the end of another school year. It is amazing how quickly the days go by. We decided to keep this newsletter simple and focused on grants and opportunities for teachers and students. Please consider applying for a grant. There are many things that could be accomplished in the classroom with financial support. Please encourage students to apply for the summer grants. There are many fun educational opportunities for students as well. The grant details and applications are included in this newsletter and can be found at

<http://www.chialphamu.org/>

Chapter Grant

The Governing Council of Chi Alpha Mu has approved Chapter Grants for any chapter of Chi Alpha Mu requesting support. Chi chapters looking for support to help pay for chapter activities may submit a grant proposal for up to \$250. The grants will be considered on a first-come/first-served basis. Please refer to the website for eligibility, requirements and limitations. Attached to this newsletter is the grant application.

Summer Grant

The Governing Council of Chi Alpha Mu has approved Summer Grants of up to \$500 to support middle school students in a Chi Alpha Mu chapter who will attend a summer math program. It is better not to apply for funding until the student has been accepted into the program. Middle school members may request grants through the summer after eighth grade graduation. Grant money may be used to pay tuition or fees for a summer math program but Chi Alpha Mu reserves the right to provide a maximum of funds to any one program.

Please refer to the website for eligibility, requirements and limitations. Attached to this newsletter is the grant application.

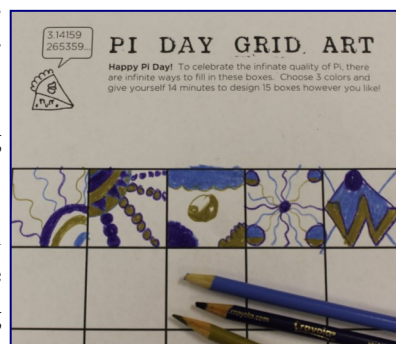


Next year, consider sharing some of the exciting events that you coordinate at your school and in your classroom.

This year, we had joined the adventures in Pi at my school. Grades 5 through 8 participated in a variety of activities such as: digits of Pi contest, digits of Pi bead making, circumference relays with hula hoops, sphere relays with soccer balls, digits of Pi chain making, Pi history Kahoot contest and so much more...

The culminating event was a Pi eating contest of course.

I hope to hear from you for the Fall newsletter. Your colleagues around the nation would love to see what is going



Opportunities for Students and Teachers

Honeywell Hometown Solutions (HHS) is now accepting applications for the 2016

Honeywell Educators @ Space Academy (HESA), a week-long, high-energy learning program for middle school science and math teachers. Hosted by the U.S. Space & Rocket Center in Huntsville, Alabama, HESA is designed to inspire teachers to develop a new generation of scientists in their classroom. Teachers learn new teaching practices in STEM education by participating in a series of astronaut-style exercises and simulations, build and test their own rockets, meet veteran astronauts and so much more. Since 2004, more than 2000 HESA alumni from 56 countries, have reached more than 2 million students, inspiring many to pursue STEM education and careers.



Applications for 2017 will be available online in September 2016.

Scholarship includes: Tuition for the five-day program, round-trip airfare, meals, accommodation and program materials

Go to <https://educators.honeywell.com/application>
to apply



Raytheon's Math Moves U - all of the following are found at

<http://www.mathmovesu.com/>

Raytheon's MathMovesU is an innovative program designed to engage middle school students with math. To include algebra, geometry, decimals, fractions and word problems. MathMovesU.com can be used to supplement your classroom curriculum. There are also a variety of resources such as classroom ideas, partnerships, games and scholarships.



Math Moves U Scholarships



Do you have a 6th, 7th or 8th grade student interested in competing for a \$1,000 scholarship to either save for college or to use for a summer institute or camp?

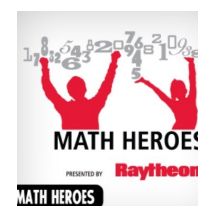
Watch for the posting of the MathMovesU scholarship

Entries will be due sometime in February 2017.

A matching grant is awarded to the math program of the school in which the student was awarded the scholarship. This past year, the prompt was Math is in the world all around us. Morning, noon, and night – how does math move you or the world around you?

Math Hero Grants

Nominate a Math Hero. Math teachers and volunteers who work with students are eligible to receive a \$2,500 Math Hero Award which is accompanied by a matching \$2,500 grant to their school or approved math-related nonprofit organization of their choice. This is awarded to individuals once per career.



el-

competitions

American Mathematics Competitions

<http://www.maa.org/math-competitions>



Dedicated to strengthening the mathematical capabilities of our nation's youth, the AMC program identifies, recognizes, and rewards excellence in mathematics through a series of national contests. The American Mathematics Competitions (AMC) are math competitions run by MAA. The AMC 8 Contest is for students in the sixth, seventh, or eighth grade (as well as accelerated fourth or fifth graders). See the "Give Aways" page for information about preparation materials.

Rocket City Math League

<http://mualphatheta.org/Contests/RocketCity.aspx>

If your chapter has not participated in this competition before, we highly recommend that you do. Please explore the website and when it is time to return next year, make a plan to include this on your calendar.

<http://www.rocketcitymath.org/>

Other National math contests and State competitions can be found at:

<http://www.chialphamu.org/Contests/Contests.aspx>

Mathcounts: Mathcounts offers a national team competition in May each year. It is hoped that local high school Mu Alpha Theta chapters will provide coaches or team mentors to help your school compete. Go to mathcounts.org for details. Registration for the year has begun.

Purple Comet! Math Meet: This is an annual, free, online, international, team mathematics competition for middle and high school students.

National STEM Video Game Challenge: A free youth video game making competition for students in grades 5-12 to promote skills related to science, technology, engineering, and math.

Toshiba/NSTA ExploraVision: This is a competition for students from all grade levels. The students must pick a technology and project what it will be like in the future and what discoveries will need to be made in order for the changes to be realized. Groups of two, three or four will describe their research in both a written description and five simulated web page graphics.

And many more...

Please go to <http://www.chialphamu.org/Contests/Contests.aspx> for all of the details and links.

Sizzlin' Summer Suggestions



Residential Summer Math Camp

Residential summer math program for select 6th-8th grade students—

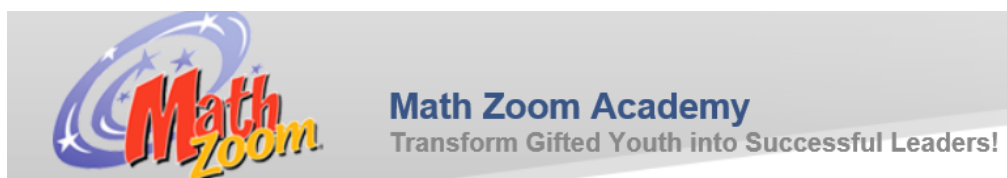
Texas State University campus: June 5 - 17, 2016

<http://www.txstate.edu/mathworks/camps/hsmc.html>



Go to www.chialpahmu.org for details about a few options available for the summer.

Many more exist in which the summer grants are available:



Areteem Institute, the home of Math Zoom

<http://www.areteem.org/summer-camps>

SUMMER RESIDENTIAL CAMP AT UCLA
(Day Camp Option Available)
Saturday JUNE 18 TO Thursday JULY 7, 2016

SUMMER RESIDENTIAL CAMP AT GEORGETOWN UNIVERSITY
(Day Camp Option Available)
Saturday JULY 30 TO Friday AUGUST 12, 2016

SUMMER RESIDENTIAL CAMP AT BENTLEY UNIVERSITY
(Day Camp Option Available)
Saturday JULY 9, 2015 TO Thursday JULY 28, 2016

SUMMER DAY CAMP IN SAN DIEGO
Monday JULY 18 TO Friday July 29, 2016 (Weekdays Only)

Chi Alpha Mu

Chapter Grant

Chi Alpha Mu is offering grants of up to \$250 per active chapter to support chapter projects that help to inspire interest in and promote the enjoyment of mathematics. No chapter will be awarded more than \$250 in a five year period. Funds are available on a first come/first serve basis until our budget for these grants is depleted. **There is no deadline for the application, but once funds are gone, further grants will not be possible for the remainder of that fiscal year.**

Please note that there is no promise that every grant will be approved nor that the full amount requested will be available.

Please apply before incurring expenses, when possible, to determine what funds we have available. Once a grant is approved, receipts or invoices for expenses should be sent no later than one month after incurring the approved expenses. Funding will be adjusted to cover actual expenses. Please estimate a bit high, since once an amount for the grant is approved, additional funds will not be available to cover excess expenses.

When sending in receipts or invoices, make sure to tell us to whom the check should be written.

An active Chi Alpha Mu chapter may use grant funds

- to travel somewhere of mathematical interest
- to pay an honorarium or provide a gift to a guest speaker
- to help defray costs for Chi Alpha Mu members to participate in a math event
- to host a math activity for students or teachers from other schools
- to run a fun math event, applied math day, or a Pi Day Celebration with math activities

You come up with the idea, we will try to help. Funds will NOT be granted for an event that is meant to be a "fundraiser".

If possible, email, fax, or mail the completed application to:

Chi Alpha Mu Chapter Grant
c/o University of Oklahoma
3200 Marshall AVE, Ste. 190
Norman, OK 73019

If emailing, please scan or fax the signature page. No application will be considered without a signature page.

Chi Alpha Mu

Chapter Grant

APPLICATION FORM

1. Please email information or **type/print** in black ink.

Name of School: _____

School Address: _____

Street Address

City

State

Zip

Sponsoring Teacher's Name: _____

Teacher's Email: _____

Total dollar amount being requested: _____

Write a description of the project for which you are asking for funds. Include all details necessary to support your project, including what, when, where, and who will benefit from the funds. Explain how this activity will inspire interest or enjoyment of mathematics. (You may use a separate page.)

3. Please itemized expenses you would like us to reimburse or pay.

By accepting funds from Chi Alpha Mu, we agree not to receive funds to reimburse us for the same expenses from any other source.

Teacher's Signature: _____ Date: _____

Principal's Signature: _____ Date: _____

Chi Alpha Mu

Summer Grant

Chi Alpha Mu is offering Summer Math Program Grants to Chi Alpha Mu members. Grants may be requested for up to \$500 per student and our preference is to send funds directly to the program. It is better not to apply for funding until the student has been accepted into the program. Middle school members may request grants through the summer after eighth grade graduation. Grant money may be used to pay tuition or fees for a summer math program but Chi Alpha Mu reserves the right to provide a maximum of funds to any one program. Funds will be provided only once per student. Funds for these grants are limited and not all grant applications may be funded or may be funded at a reduced amount depending on the remainder of money available.

If possible, mail all required items in the same 10" x 13" envelope to:

Chi Alpha Mu Summer Grants
3200 Marshall Ave, Suite 190
Norman, OK 73019

Envelope should include:

Application Form
Student Essay
Description of Summer Program and Acceptance Letter
One signed letter of recommendation
Itemized list of funds being requested
Student's official middle school transcript

There is no deadline for the application. Grant money will be available for acceptable applications until it is all distributed.

Please email the office to check on availability of funds before submitting your application:
matheta@ou.edu

Application next page.

Chi Alpha Mu
Summer Grant
APPLICATION FORM

1. Please type or print in black ink.

Name: _____
First M.I. Last

Home Address: _____
Street Address / Apt. Number

City State Zip

Phone Number: _____ Email: _____

School Name and Address _____

City State Zip

Chi Alpha Mu Sponsor's Name and Email Address: _____

1. On a separate sheet of paper, write a short, double spaced essay describing why you wish to attend your summer math program. What caused you to apply to this program and what do you hope to gain by attending? Tell us something about math activities in which you have participated in the past. Please write legibly or type.

2. Attach one additional page telling us about other middle school activities, honors, awards, community service, or Chi Alpha Mu activities in which you have participated.

3. Provide a brochure from your summer program or a web link to their official information site. We would like

LETTER OF RECOMMENDATION (required)

Please write a recommendation letter for _____, who has applied for a Summer Math Program Grant from Chi Alpha Mu.

Grant money may be used to pay tuition or fees for a summer math program.

Please describe why you feel this applicant deserves this grant. You may attach additional pages if necessary. This recommendation should be returned to the applicant in a sealed envelope, signed across the back. Thank you.

ITEMIZED LIST OF EXPENSES REQUESTED (required)

Please list the amount of money you are requesting and how these funds will be spent. We prefer to send tuition payments directly to the institution running your program.