

MU ALPHA THETA NEWSLETTER

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NEWS FROM THE PRESIDENT

Now is the time for active sponsors to make plans to attend the 43rd Annual Mu Alpha Theta National Convention in San Diego, California from July 21 to July 26. Having escaped cold and snowy Ohio for points south, I find myself in San Diego and can confirm the tourist brochure claims. Early registration is before April 1st and all registrations must be postmarked by May 15th. If you have never attended a National Convention consider applying for a convention grant. If you are already planning to attend and have a member who really can't afford the trip, nominate him or her for the new Need-Based Convention Scholarship.

It is great to see so many chapters taking advantage of the free in-school contests that are available. Both the Log 1 Contest and Rocket City Math League provide a good opportunity for getting experience in a variety of competitions. Thanks are extended to all members who submitted an entry for the Mathematical Minutes Video Contest. I am looking forward to seeing what you have done.

Congratulations to each graduating Mu Alpha Theta senior. As you leave your high school to further your education and eventually find employment, I hope you will recall your membership fondly. Remember that we are a nonprofit organization and are able to give scholarships, awards, and grants to our members only because of donations from our current and past members. Congratulations also to all our two-year college members who are receiving associate degrees. Good luck as you join the work force. I hope you continue to enjoy the study of mathematics.

Finally, I want to thank every sponsor and co-sponsor in every chapter of Mu Alpha Theta. We wouldn't have an organization without your commitment. I have had the privilege of serving as co-sponsor, sponsor, Governor, NCTM Representative, and President, and I personally know what you sacrifice to sponsor a chapter, plan activities, run competitions, and bring groups to Nationals. This is my last newsletter as I will be stepping down as President after the July Convention and handing over the gavel to Todd Taylor of Vestavia Hills.

Thank you for the opportunity to serve.



Elizabeth Carol Botzner, President



San Diego National Convention

JULY 21 - 26, 2013

AT THE TOWN AND COUNTRY RESORT

The 43rd Annual Mu Alpha Theta National Convention will be held from July 21-26 in San Diego, CA at the Town and Country Resort. Outings will include a trip to the San Diego Zoo and a dance aboard the Hornblower cruise ship.

Before April 1st:
\$550 Early Registration

After April 1st:
\$590 Regular Registration

All registration must be postmarked by May 15th.

Visit www.mualphatheta.org for more information!

GOVERNING COUNCIL DECISIONS FROM THE JAN 2013 MEETING

- Due to support from the Berkeley Math Club of 2000-2001, a new scholarship has been created: the Sallie Scudder Memorial Scholarship. This scholarship, along with the Mary Rhein Memorial Scholarship, will be awarded in the amount of \$5000. Up to thirty-nine additional scholarships will also be awarded at \$4000 per student.
- Need-Based Convention Scholarships were approved for the 2013 National Convention. To find out more, go to the National Convention page at www.mualphatheta.org.
- Kalin and Andree Award recipients now have the option to receive the cash awards as a scholarship to the college they are attending.

2013 CONVENTION'S INTERSCHOOL TEST OPEN TO ALL!

Each summer Mu Alpha Theta runs a National Convention where students come to spend four days competing in mathematics competitions, attending speaker sessions, giving math chalk talks, and sharing social events with other students that LOVE mathematics. The convention provides a number of different kinds of competitions. The Interschool Contest will consist of scores from the Mathematical Minutes Video Contest, an “off-site” test, and an “on-site” test. **This year, Mu Alpha Theta has made the “off-site” test of the Interschool Contest open to all Mu Alpha Theta chapters, free of charge.**

The “off-site” test allows everyone, including sponsors, to contribute. Books, calculators, computers, Internet, etc. are all permissible tools. The test will be distributed on April 22 and answers must be returned by April 30, 2013. For teams competing at the National Convention, these test scores will be scaled to a maximum of 15 points while, for those that are not attending, the score will be scaled to 40 points.

There will be awards for chapters not attending the National Convention based on their combined scores from the Mathematical Minutes Contest and the “off-site” test.

Please contact Tom Tosch, tomtosch@gmail.com, if you would like to enter or if you have any questions. **2**

NATIONAL OFFICE NEWS *from Kay Weiss*

Mu Alpha Theta has grown. We expect to add our 2000th chapter within the next few weeks. By the end of June 2013, we could easily have over 100,000 student members.

With our growth comes the ability to provide support to our students, sponsoring teachers, and chapters. Elsewhere in the newsletter you will see information about Summer Grants, Chapter Grants, and Convention Grants for students and schools. We hope to give over \$160,000 in scholarships to deserving members who graduate this year. We provide award money to talented students and devoted sponsors. Please note that many of these have deadlines quickly approaching. See the applications online at our website and think about applying or nominating someone you know.

Spring is the busiest time of year at the National Office. Between now and the end of June, we expect to add over 23,000 additional new members. This is also a very busy time for teachers and students. If you run short of time, the online order system is the fastest way to enter your order. Have your purchase order number, check number, or credit card ready when you log in to place your order. Make sure to check your list of new members against the list of current members in our database. **Only register students that are not yet listed as members.** If students have been listed as an Associate, you can just move them up to membership without having to type their name in again. (Remember to remove students from your Associate list by the end of the school year, if they have not been made a member. Students may be listed as an Associate only for one school year.)

Have the names of your new members grouped by year of graduation so you are ready to cut and paste them in. **If you need your materials quickly, email us to let us know.** You can order two-day FedEx or overnight FedEx shipping when you check out, if necessary. Orders less than 13 oz. will be mailed by first class mail. These can take over seven days to arrive. Orders over 13 oz. will be sent by Priority Mail or by FedEx Ground to arrive in three to four days. **PLAN AHEAD.** If you need things sooner, think about ordering the expedited shipping.

We will usually run your order and have it packed within a few hours of the time you enter it. We try to ship it the day you enter it or the next day!

It will speed things up if you are **ready to add ALL your names** when you enter your order. If you need an invoice before you can get a purchase order or check, you can enter the order online or email us and we will email back an invoice. It is good to let us know when there will be a delay in entering names, though, so we don't keep emailing you trying to remind you to enter them.

When ordering honor cords, make sure you purchase the **“cord” and not the “tassel”**. The tassel attaches to the graduation mortar board. The cord goes around the student's neck and hangs down the front of their robe. Some teachers are buying the tassels as a memento for their Mu Alpha Theta members. Any student can order a tassel, but cords will only be sent to a graduating “official” member. Remember that the \$5 for a cord or tassel is a donation to the Educational Foundation and supports our scholarships and the National Convention.

When you register a new member, they receive their certificate, a decal, and a membership card. We now have decals listed under Merchandise, since some schools like to have extra. New members will receive one for free, though. *(continued on next page)*

If you will be attending the NCTM National Conference in Denver in April, come to the Exhibit area to see me. I will have a small present for you when you stop by.

I also attend the Math Olympiad Award Ceremony in June, along with our National President, to honor the 12 winners of the AMC Contests. We now have funds to bring any sponsor to Washington, DC, if their student is one of those 12 finalists. If you have a student winner, let us know so we can pay your way!

There are many opportunities for your students besides our grants, scholarships, free contests, and awards. Think about joining with other online tutors at Study Buddy. The Mathematical Minutes Video Contest can provide a fun way for a student to share mathematics with other students. The Moody's MegaMath Challenge deadline is quickly approaching. Many of our chapters have teams that win scholarship money in this applied math contest. The same is true for those submitting a long-term report to Project MathMinds.

Keep informed of all we have to offer. When you need something, call or email. We are here to serve you.

NATIONAL CONVENTION GRANTS

Mu Alpha Theta will award up to eight \$2800 Convention Grants to the 2013 San Diego Convention. Each Grant will cover free registration for a sponsor and three students, who must not have graduated before the convention. The remaining funds may be used for additional student registration costs or to reimburse travel expenses. To be eligible for a grant, a Mu Alpha Theta chapter cannot have attended a national convention in the past. The intent of the grant is to allow the teacher and students to see what our national convention is all about. Only schools who have a math sponsor and three eligible students should apply.

To apply for a grant, complete the application as soon as possible. You will be asked for the names of those attending and two paragraphs about activities your chapter has participated in during the past year. We also ask how attending the National Mu Alpha Theta Convention will benefit your chapter. Email the application to matheta@ou.edu or snail mail to:

Mu Alpha Theta
National Convention Grant
University of Oklahoma
601 Elm Ave, Rm 1102
Norman, OK 73019

Schools selected will be contacted before the end of April by phone and email. The only responsibility of the winners is to fill out a survey after the convention regarding their experiences. Applying schools should be ready to submit enrollment information should they be selected. Winners of the grants are encouraged to bring more than three students. Additional attendees will be granted the early bird registration rate, as long as full payment for them is received by the May 15th deadline. So, get your application in soon!

NEED-BASED CONVENTION SCHOLARSHIPS

The sponsor of each chapter attending the National Convention may nominate one member for a Need-Based Scholarship. Up to fifty will be awarded. The scholarship will cover the member's registration and reimbursement of up to \$250 for transportation to the 2013 San Diego National Convention. The application deadline is April 1st. See *National Convention* on our website to download the application.

MATHEMATICAL MINUTES VIDEO CONTEST DEADLINE EXTENDED

The host for the 2013 National Convention has added the results of the video contest to the sweepstakes score. Now each video will be entered into both contests. To accommodate this addition, we are moving back the due deadline **until Feb 28**. This will give convention schools more time to prepare a video submission.

For those who have already submitted a video, this will provide additional time to check for errors in your submission. Just resubmit your entry before the new deadline. Remember:

- (1) Videos are to be in the 2-5 minute range. Be sure to keep videos UNDER 5 minutes.
- (2) Remove all mention of school and/or student names from the video. This includes the title page. This information should be included in the email that includes the youtube link. Also include the sponsor name, school name, and the student names to receive any cash awards should the entry win.

You don't have to create a super professional grade video to participate. Be clever, be accurate, teach us something, and make it interesting.

Send all video submissions, questions, comments to askoski@aol.com

RETIRED SPONSORS

Thank you to those who have served Mu Alpha Theta:

Heritage HS, Newport News, VA: Kristel McDowell
Columbia HS, Lake City, FL: Dawn Cox
Col. Zadok Magruder HS, Rockville, MD: Hilary Davies
Fairhope HS, Fairhope, AL: Lori Boyce
Captain John L. Chapin HS, El Paso, TX: Jacqueline Jessen
Oviedo HS, Oviedo, FL: Marie Causey
Lexington HS, Lexington, OK: Cheryl Dills, 30 yrs
Wheeler HS, Marietta, GA: Laura Grier 9 yrs
Ramsay HS, Birmingham, AL: Rachel Faucett, 41 years
Venice HS, Venice, FL: Mary Kay Mack, 17 years
Freedom HS, Orlando, FL: Jacquelyn Wiand
Hagerty HS, Oviedo, FL: Heather Cassidy
Coral Shores HS, Tavernier, FL: Barbara Swango
St. Mary's Dominican HS, New Orleans, LA: Debra Lorentz, 15 yrs
Falmouth HS, Falmouth, MA: Kathy Allen
Charlottesville HS, Charlottesville, VA: Jane Thomas, 20 yrs
Bearden HS, Knoxville, TN: Kendall Ivie
Cabrini HS, New Orleans, LA: Sr. Keri Burke, MSC
Harrison HS, Kennesaw, GA: Ann Blume, 5 yrs
L. C. Bird HS, Chesterfield, VA: Denise Blankenbecler
Naples HS, Naples, FL: Nancy Brisson
Madison Academy, Madison, AL: Gwen Snoddy, 14 yrs
T. R. Robinson HS, Tampa, FL: Nina Kimbrough
Cornersville HS, Cornersville, TN: Debra Crable
Cumberland County College, Vineland, NJ: Mollie Steward
Brewbaker Tech Magnet HS, Montgomery, AL: Judy Head
Norwell HS, Norwell, MA: Mary-Ellen Connor

CHAPTER ACTIVITIES

What is your chapter up to? Mu Alpha Theta wants to know! Share a picture from a chapter activity with information and we will share it with others in our upcoming newsletter or online.

Have a great idea for raising money? Have you had an interesting speaker or had an activity that was a big hit? Have you found a cool website or blog? Let other sponsors know.

Sponsors can find our current list of chapter activities and fundraising ideas under the *Teacher Resources* section of www.mualphatheta.org.

SPONSORS

THINKING MATHEMATICS!

Are you looking for mathematics teaching resources? We recently discovered James Tanton's website, Thinking Mathematics!, at www.jamestanton.com. As listed on his website, James Tanton is a "research mathematician deeply interested in bridging the gap between the mathematics experienced by school students and the creative mathematics practiced and explored by mathematicians." His overall goal is to bring joy and artistry into the mathematics classroom. His website includes free essays and videos about math curriculum, visual puzzles, and other mathematical topics. He also has books available for purchase.

Looking for more resources? The Mu Alpha Theta website has several pages for you to explore including: *Problems, Puzzles & Games, Books & Software, and Pythagorean Pages.*

FREE "HARD PROBLEMS" DVD!

Mu Alpha Theta is offering a free copy of the DVD "Hard Problems" to any active chapter requesting one. Hard Problems is a feature documentary about the extraordinarily gifted students who represented the United States in 2006 at the world's toughest math competition - the International Mathematical Olympiad (IMO). One DVD per chapter while supplies last.

FREE MATHEMATICA SOFTWARE!

Mu Alpha Theta has free copies of the computer algebra system Mathematica that it will award to a maximum of three students per active chapter. Students should be studying Calculus to receive a copy. To request copies, sponsors may email matheta@ou.edu with the names and email addresses of the students. The Mathematica software is a downloadable file and the license is good for one school year.

KOHL'S CARES SCHOLARSHIP PROGRAM

Do your students participate in volunteer activities? The Kohl's Cares Scholarship Program was created to recognize young volunteers ages 6-18 for the work they are doing in their communities. Winner selection is based on the benefits and outcomes of their volunteer service. Nominations must meet the following requirements:

- Students must be between the ages of 6-18 as of March 15 and not yet have graduated high school.
- Volunteer efforts must have occurred within the last year.
- Nominators must be 21 or older.

Nominees could win:

- Store winners will each receive a \$50 Kohl's Gift Card
- Regional winners will each be awarded a \$1000 scholarship for higher education.
- National winners will each receive a total of \$10,000 in scholarships, plus Kohl's will donate \$1,000 to a nonprofit of the student's choice.

Visit kohlskids.com for more information and to download forms. Forms must be submitted by March 15, 2013.



Mu Alpha Theta and Chi Alpha Mu are on facebook. Add us as one of your favorite pages today!

CHAPTER GRANTS

Has your chapter applied for a chapter grant? Mu Alpha Theta would like to help support chapters so they can provide interesting mathematical experiences for their members, others at their school, and their local community. Chapter grants provide **up to \$1,000 for chapter activities** which stimulate an interest in mathematics. No chapter will be granted more than \$1,000 over time, but a chapter may apply more than once if they have not reached their \$1,000 limit. Here are some ideas for how to use the grant:

Go on a Math-Related Outing: Visit a college or applied math business with a math-related presentation. See “math” at work. Funds may be used to reimburse expenses.

Visiting Lecturer Program: Invite a mathematician or scientist to make a presentation to your chapter. Funds may be used to reimburse travel expenses or to provide an honorarium.

Host a Math Competition: This could be for your school, other high schools, middle schools, or elementary schools in your area. Funds could be used to purchase awards, pay for testing, etc.

Host a Math Conference or Math Day: Invite other high schools, middle schools, or elementary schools in your area to a math conference or math day that your chapter hosts. The math conference could include local speakers, a small competition, or presentations from local industries. Funds could be used to purchase materials, pay for custodial help, pay for honorariums, etc.

Please remember that grants will be competitive and not all grant requests may be funded. The grant application can be found on our website under *Grants*.

CONGRATULATIONS TO CHAPTER GRANT RECIPIENTS!

Here are some schools who have already received Chapter Grant funding:

Saint Anthony Catholic HS - TX

Funds to run a middle school math contest (\$600)

Fairfield Christian Academy - OH

Funds for performance of “Calculus: The Musical” (\$980)

Queen of Peace HS - IL

Funds for transportation to math contest, to run a junior high math contest, and for Pi Day event (\$700)

Mount Rainier HS - WA

Funds to attend Math Day at the U of WA (\$500)

Go to the **Grants** section of the MA Θ website to find out more and download an application!

CHI ALPHA MU NATIONAL JR. MATHEMATICS CLUB

Chi Alpha Mu is the National Junior Mathematics Club for middle schools. Founded in 1967, the organization was reactivated by Mu Alpha Theta in 2008 to promote enjoyment and understanding of math by middle school students. Since reactivating, ninety-four clubs have joined.

There is a one-time \$15 fee to join. The petition can be found online at www.chialphamu.org. Chi Alpha Mu started offering chapter grants to clubs in 2012.

If you'd like more information on Chi Alpha Mu, go to www.chialphamu.org or email matheta@ou.edu.

CHAPTER NEWS



The North Campus of the Community College of Allegheny County (CCAC), located in the northern suburbs of Pittsburgh Pennsylvania recently formed a Mu Alpha Theta Chapter. They inducted their first group of members at the conclusion of the spring 2012 semester. As their first full semester on campus began this fall, the membership was eager to find their place in the student life of CCAC. Their timing could not have been better.

For several years the college had been developing plans and pursuing funding for the creation of Math Cafés at each of CCAC’s campuses and additionally at two of their centers. The opening of these walk-in assistance centers finally became a reality this fall. No appointment is necessary for the Math Café. Students can just walk in and have the option of working independently at a computer station or at a table in a group tutoring situation or individual assistance if possible.

While the North Campus Math Café is staffed with a facilitator and peer tutors throughout the day and evening, a need for more help was anticipated during certain peak times of the day and certain weeks in the semester.

It was decided at the first North Campus Mu Alpha Theta meeting to volunteer for a community service project and ask each Mu Alpha Theta member to volunteer just 30 minutes a week to hang out at the Math Café and be available in case many students come in at one time. The chapter also sponsors snacks for the Math Café to help aid in the creation of a relaxed working atmosphere.

Over 600 students have visited the North Campus Math Café for math help in the first eight weeks.



Stephanie Swindle
CCAC Sponsor

Thank you for all you do and for helping us to serve you better!!

MU ALPHA THETA AWARDS

Mu Alpha Theta has five different awards, each presented annually. For eligibility information or to download an application, go to the *Awards* section of www.mualphatheta.org.

ANDREE AWARD

The Andree Award, named in honor of Mu Alpha Theta founders Richard and Josephine Andree, is awarded to a student interested in becoming a mathematics teacher. Two awards are presented annually, one to a high school senior member and one to a former or current member now in college. Each Andree Award winner receives a \$2500 cash prize. The winner may choose to receive the \$2500 as scholarship money to the college he or she is attending, rather than as a cash prize. **Applications are due March 1st.**

RUBIN AWARD

The Rubin Award was named in honor of Diane Rubin who worked tirelessly at the National Office of Mu Alpha Theta for twenty years, before her retirement in December 2003. The award is presented to the Mu Alpha Theta chapter which has a history of outstanding mathematics service to its community or its school for at least two years. This service must promote interest in mathematics and benefit a group other than its own chapter. A prize of \$500 and a plaque will be presented to the winning chapter. The award will be presented at the National Convention, but a representative of the chapter need not be present to win. However, to encourage the chapter to attend, the winner will also receive a Convention Grant of up to \$2500. No school may receive the award more than once in a five year period. **Applications are due March 1st.**

KALIN AWARD

The Kalin Award was created by a grant from Dr. Robert Kalin of Florida State University, a former President of Mu Alpha Theta. The Mu Alpha Theta Educational Foundation continues to support the Kalin Award. This award recognizes graduating seniors attending the National Mu Alpha Theta Convention who have excelled in mathematics and performed notable service to Mu Alpha Theta communities. Applicants are interviewed by the Governing Council at the National Convention. The winner of the award receives a \$2500 prize and a distinguished plaque. The winner may choose to receive the \$2500 as scholarship money to the college he or she will be attending, rather than as a cash prize. **Applications are due June 15th.**

SISTER SCHOLASTICA AWARD

The Sister Scholastica Most Committed Sponsor Award was created in 1994, at the suggestion of the student delegates at the National Convention. The award is named after Sister Scholastica, who was a dedicated sponsor from 1972 and a fixture at the National Conventions, until her retirement. Only sponsors attending the National Convention may be nominated. One student from their school will speak to the Student Delegates who vote to select the winner. The winner of the Sister Scholastica Award will receive a \$2000 cash prize and a \$1000 grant for their chapter. **Applications are due June 15th.**

HUNEKE AWARD

Mu Alpha Theta established this award in 1986 in honor of Harold Huneke, a former Secretary/Treasurer of the National Mu Alpha Theta. Each year the Huneke Award honors a sponsor who has made significant contributions to Mu Alpha Theta. This award is a peer-nominated award. In addition, nominees must have served as a Mu Alpha Theta sponsor for at least five years, have attended at least two National Conventions (or will attend a second convention this year), and not currently be a member of the Mu Alpha Theta Governing Council. The winner will be announced at the National Convention, but does not need to be present at the Convention to win. The award includes a \$2000 cash award to the winner and an award of \$1000 to the sponsor's chapter or former chapter. **Applications are due June 15th.**

STUDENTS

NATIONAL STUDENT DELEGATE OFFICERS:

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VICE PRESIDENT

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PARLIAMENTARIAN

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Region II
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MESSAGE FROM YOUR STUDENT DELEGATE PRESIDENT

In Florida, with regional and statewide competition season already halfway over, seniors begin to get nostalgic about competing in some of their last competitions as high school students. Mu Alpha Theta has been an integral part of my daily life since the seventh grade, and national conventions are always something that I look forward to attending. Getting to meet interesting new people and taking such a wide range of topic tests are just some of the fun events that take place every convention. Memories are shared with close friends that will last a lifetime. This year's convention in San Diego could prove to be one of the best ones yet, with excursions to the San Diego Zoo and a moonlight cruise and dance.

The student delegates meet at every National Convention to address issues and to generate ideas to hopefully improve the organization. Every school in attendance has one delegate, but other students are welcome to attend our meetings. For some students graduating this year, I am sure that graduation won't mark the end of our involvement in Mu Alpha Theta. Many of us will come back to help run regional competitions whenever possible. For those not graduating, I urge you to take advantage of what this organization has to offer. Being fully immersed in Mu Alpha Theta's activities throughout the years has been life-changing for the majority of us in one way or another. I look forward to seeing many of you at the National Convention! Please feel free to contact me at phernandez1995@gmail.com if you have any questions about Nationals in San Diego, or any other questions you may have!

Pablo Hernandez
Student Delegate President

new SALLIE SCUDDER MEMORIAL SCHOLARSHIP

The \$5000 Sallie Scudder Memorial Scholarship was created this year with support from the Berkeley Math Club of 2000-2001. Sallie Scudder was born to do two things: teach math and coach softball. She was passionate about making a difference in the lives of her students and had a positive influence on everyone around her. She taught Calculus and Softball at Berkeley Preparatory School from 1996 to 2002, when she left to return to teach and coach at her alma mater, H. B. Plant High School until her death at the age of 36.

For more information on Mu Alpha Theta Scholarships, please visit the *Scholarships* page of www.mualphatheta.org.

SUMMER GRANTS

Mu Alpha Theta is offering Summer Math Program/Research Grants to members of a chapter of Mu Alpha Theta. To be considered for the grant, the member's chapter must have been active during the previous twelve months and the student must have been a member for at least the semester prior to the application. Grants may be requested for up to \$2000 per student.

High school members may request grants through the summer after high school graduation. Two-year college students may request money through the summer after their graduation from their member college. Coursework taken using grant money may not be used for courses that are typically available at the high school or the student's home college, such as Calculus I, Calculus II or Statistics. Grant money may be used to pay tuition or fees for a summer math program at, or sponsored by, an accredited school or university. Money will also be granted to reimburse expenses for doing research in mathematics or applied mathematics. This may include, but is not limited to, housing, travel, publication fees, or supplies. Money provided for tuition and fees will be sent directly to the institution offering the program. Student's receiving reimbursed expenses will be asked to provide receipts for reimbursed items and a social security number for tax purposes. The member's service to and active participation in his/her Mu Alpha Theta club may be considered in the grant selection process.

Programs that may qualify include: PROMYS, Texas Mathworks, Canada/USA Mathcamp, the Secondary School Program at Harvard, the Women's Technology Program at MIT, AwesomeMath, Johns Hopkins University Center for Talented Youth, Stanford University Mathematics Camp, COSMOS

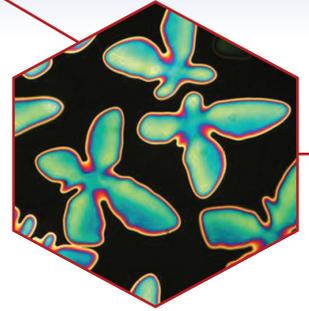
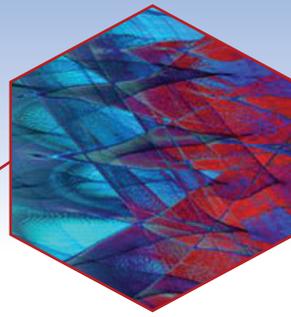
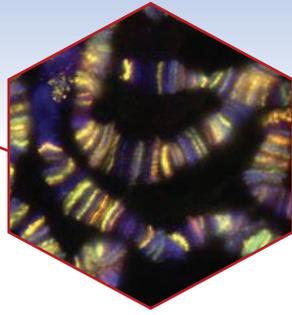
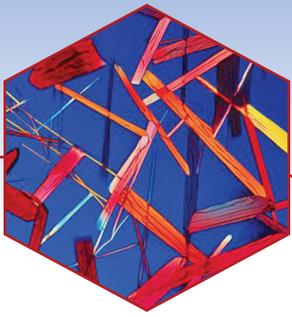
Nominate your sponsor for the Huneke and Sister Scholastica Awards!
Applications are due June 15th and available online.

QUESTBRIDGE COLLEGE PREP SCHOLARSHIP

QuestBridge is currently seeking applicants for its 2013 College Prep Scholarship program. QuestBridge is an organization which seeks to connect high-achieving low-income students with top-tier colleges. Through the College Prep Scholarship program, approximately 40 students will receive full scholarships to attend summer school programs at Brandeis, Emory, Harvard, Notre Dame, Penn, Stanford, or Yale. The scholarship covers the cost of travel, tuition, and room & board. Applicants will also be eligible to be invited to a QuestBridge college admissions conference held at three of the four partner colleges. These conferences will help low-income students learn how to successfully apply to leading colleges.

The QuestBridge College Prep Scholarship program is for **high school juniors** who have shown outstanding academic ability despite facing economic challenges. To apply, go to www.questbridge.org to fill out the application. **Applications are due March 27, 2013.**

QuestBridge also runs the National College Match program for high school seniors. This program matches high-achieving low-income high school seniors with a full four-year scholarship to one of its 35 top-tier colleges. Applications for this are due in late September 2013. Go to www.questbridge.org for more information.



Cogito.org

Connecting Young Thinkers Around the World

Cogito.org is an online community of exceptional pre-college students ages 13-18 from around the world. On *Cogito*, students can interact with scientists and mathematicians of all ages; view articles, videos, and blogs pertaining to myriad science and math topics; and search databases of academic programs, math and science competitions, and other opportunities outside the classroom.

Cogito also features a secure, members-only discussion forum where members can gather to talk to each other about black holes, extrasolar planets, epigenetics, oceanography, and more. They've also had the chance to talk with people like NPR "Math Guy" Keith Devlin, Fields Medalist Terry Tao, and teen cancer researcher Jack Andraka, top winner at the Intel International Science and Engineering Fair. Much of *Cogito's* content is written by *Cogito* members and features the work of student scientists.

"This is a magnificent online connection for any intelligent kid who can't get enough math and science..."

Cogito won the prestigious SPORE award (Science Prize for Online Resources in Education) from *Science* magazine and a Gold Award from the Parents' Choice Foundation, whose reviewer wrote, "This is a magnificent online connection for any intelligent kid who can't get enough math and science-and who wants to expand his or her interests and academic horizons beyond the classroom."

Membership to Cogito is free for interested 13- to 18-year-old students.
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