

MAΘ 2012 National Convention Boston, Massachusetts--July 8-13

The 42nd Mu Alpha Theta National Convention, hosted by Thom Morris of Berkeley Preparatory School in Tampa, FL and Sue Doker of Lincoln High School in Tallahassee, FL will be held July 8-13, 2012, in Boston, MA. The convention will take place at the Park Plaza Hotel in historic Back Bay, one block from the Boston Common. There will be free wireless internet throughout the hotel, including rooms.

The registration fee will be \$585 per participant registered prior to April 1 with a \$50 per person non-refundable deposit, and the balance of \$535 each postmarked no later than May 15. Registration between April 1 and May 15 will be \$625 per participant. After May 15 no more registrations will be accepted. **All final payments must be postmarked no later than May 15, due to the earlier dates for this summer's convention.** The registration fee includes convention activities, lodging at the hotel, all meals, and t-shirt. Single occupancy rooms for sponsors only are available at an additional cost of \$500 per room.

The convention will include math competitions at three levels of individual tests, as well as Topic Tests, Poster, Chalk Talk, Scrapbook, Quizzle, Interschool Contest and the School Bowl. Each school is invited to bring competitors in **Mu (Calculus), Alpha (Pre-Calculus), and Theta (Algebra II/Geometry) divisions.**

MAΘ Convention Online

All participant information must be entered online at www.mualphatheta.org > **National Convention** > **Convention Registration**. The site will also have announcements and updates, so please check regularly for information pertaining to the convention or to your school. Any questions? Contact the convention Hosts by email:

Thom Morris: thom10@tampabay.rr.com

Sue Doker: suedoker@yahoo.com



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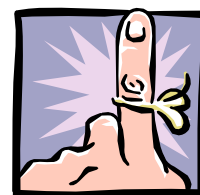
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REGISTRATION DUE DATESEarly registration with deposit *postmark date:* April 1, 2012Registration with final payment *postmark date:* May 15, 2012**NO late registrations accepted!!****INFORMATION DUE DATES**Medical forms *postmark date:* June 1, 2012Test Sign Up online **final online date:** June 1, 2012Travel Information online **final online date:** June 1, 2012**Rooming Information online final online date: May 30!!****Sponsor Duties**

In addition to sponsoring students from your own school during the convention, proctoring and other duties will be assigned. You can sign up for preferred duties online. **Any non-student participating or attending the convention will be considered a chaperone and should be registered as such.**

Medical Forms/Participation Form

Each convention attendee, including sponsors and chaperones, must complete and submit a medical and liability form. ***Forms must be notarized and a copy of the medical/health card must be attached.*** Sponsors are encouraged to keep a copy of this form for their records. Contact a Host, if notary service or medical insurance is not available to a participant so we know.

Extended Stays

If you are planning to come early or stay after the convention, the hotel will house you at a discounted rate up to three days before or after the convention. You must call the hotel directly to make your own arrangements for extended stays. Remember to ask for the Mu Alpha Theta convention rate.

Rooming Assignments (to be done online)

All students will be assigned 3 or 4 to a room and sponsors will be assigned 2 to a room (unless you pay for a single). **Please indicate rooming assignments online.** If you have fewer than 3 students (of the same gender) from your school in a room, then they will be matched up with students from another school. Online, you may select the school with which your students share, if you have contacted the sponsor of that school and they also request this. Again, if a sponsor would like an individual room, the cost will be an additional \$500.

Parking

For schools driving to Boston in cars or busses, there is little room for parking. Eight hours of parking is \$26 and overnight is \$44 at the hotel. Be warned!

Registration/Check-out time

Registration will start at 1:00 P.M. on July 8, and checkout time is no later than 11 A.M. on July 13.

Transportation to and from Logan International (Boston) Airport

After discussing this with several residents of Boston and trying this ourselves and because of the heavy volume of traffic in Boston (which could result in busses being delayed for hours), we have decided to handle transportation via the T (subway). There is a separate sheet of instructions providing information on exactly how to get from the airport to the hotel on page 21 of this packet. Please read it carefully. It is recommended that participants be responsible for carrying their own luggage.

Online Registration of Participant Information

All of the following information: *participant registration, topic test registration, chalk talk participants, other contest participation sign-up, t-shirt sizes, vegetarian preferences, sponsor duties preferences, transportation information, and rooming requests* will be entered online at www.mualphatheta.org > National Convention > Convention Registration. You may want to go online and see required information before submitting it.

Entering participant information can be done online beginning February 1, 2012. However, remember that this does not take the place of sending your early bird registration/registration forms with payment.

You will need to accumulate the following information to register participant information online:

1. Participant registration: Last name, first name, division (sponsor, M, A, T), t-shirt size, room lists, roommate request, vegetarian requests
2. Topic test registration: Total number of students taking each test.
3. Names of Chalk Talk participants and level
4. Participation in other optional contests
5. Name of Student Delegate
6. Sponsor job preference

*****BE AWARE*** ALL ROOMING INFO MUST BE COMPLETED ONLINE BY MAY 30, AS OUR INFO HAS TO BE TURNED INTO TO THE HOTEL THE WEEK AFTER THAT. YOU WILL NOT BE ABLE TO MAKE CHANGES ONLINE AFTER MAY 30.**

If you arrive before registration begins or don't want to wait until dinner to eat, the hotel is near several area food courts and restaurants.



COMPETITION INFORMATION

Each student is to be registered in one of the three levels defined below.

THETA level is for associate or full members who have completed Geometry and/or Algebra II but have not been enrolled in a higher level mathematics course.

ALPHA level is for full members who have completed math courses above Algebra II but have not been enrolled in Calculus.

MU level is for full members who have completed a Calculus course.



TYPES OF COMPETITIONS

A student *may* take a test at a higher level but NOT at a lower level.

The **OPEN** level topic tests are not limited to students in any particular level. However, students should carefully examine test content descriptions before making their selections.

Individual Tests. (T, A, M)—***NO Calculators***

- 30 multiple choice question written test covering all topics applicable to the level
- 60 minute time limit
- Scoring will be 5 points for each correct answer, 1 point for a blank, 0 for an incorrect answer
- Ties will be broken by the sudden winner method. (See glossary)
- Trophies will be given to places 1-20 for each division.

Topic Tests. (T, A, M, O)—***NO Calculators***, except Statistics and Math in Medicine Tests

- 30 multiple choice question written test.
- Descriptions of topic tests are included in this packet.
- 60 minute time limit, except History of Math – 30 minute time limit.
- Scoring will be 5 points for each correct answer, 1 point for a blank, and 0 for an incorrect answer.
- Ties will be broken by the sudden winner method.
- Trophies will be given to places 1-15 for each test.

Ciphering. (T, A, M)—***NO Calculators***

- 10 open response questions administered individually.
- 3 minute time limit per question.
- Scoring - twelve points for a question answered correctly in the 1st minute, eight points in the 2nd minute, and four points for a question answered correctly in the 3rd minute, a sliding scale will be used.
- Trophies will be given to the top 20 students in each division.



Gemini: (T, A, M)—***NO Calculators***

- 30 multiple choice question written test that 2 people work on together.
- 60 minute time limit.
- Administered to all students not participating in school bowl (you must be in the school bowl if you have a 3 or 4 person team)
- Scoring will be 5 points for each correct answer, 1 point for a blank, 0 for an incorrect answer.
- Ties will be broken by the sudden winner method.
- Singletons can be joined with another school to form a 2 person team.
- Trophies will be given to the top 15 teams in each division.

School Bowl: (T, A, M)—***NO Calculators***

- Top 4 individuals from each school per division as determined by the sum of their individual test score and their ciphering score compete as a team.
- 12 open response questions administered one at a time.
- Time limit - 4 minutes per question with points awarded depending on the minute in which the question is answered correctly.
- 16 points for a question answered correctly in the 1st minute, 12 points in the 2nd minute, 8 points in the 3rd minute, and 4 points in the 4th minute.
- A sliding scale will be used.

Division Awards

These will be given to the top 10 schools in each division by combining the top 4 individuals' scores (determined by the sum of their individual test score and their ciphering score) with their bowl score.

Small awards will also be given to the 4 individuals on the top 10 teams.

Interschool Test—Cyborg Marathon Man Test

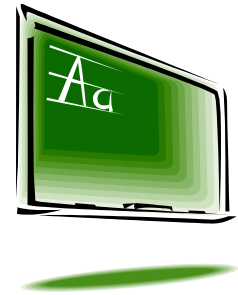
Each school must pick 1 person (non-sponsor or chaperone) from their school to be their Cyborg, which will represent their school. Each school's Cyborg can be from any level and is encouraged to wear any appropriate outfit they wish as the school Cyborg. This can include capes, helmets, special tee shirts, etc. All cyborgs will be placed in an arena or balcony area. The rest of their school will be around them somewhere in the audience. The cyborg can be equipped with ANY electronic device that they choose to bring (and as many items as they can carry). For example, a laptop would be greatly beneficial to the cyborg. His or her classmates and sponsors will also be equipped with any electronic devices they wish. Both the Cyborg and the other participants should bring paper and writing instruments also. **HOWEVER, THERE WILL NOT BE ANY WALL OUTLETS AVAILABLE FOR CHARGING!!** So, make sure everything is fully charged. The Cyborg will receive a set of questions that involve math problems, clues, riddles, puzzles, symbols, codes, emails, pictures, computer games, and many other types of questions. The Cyborg must then convey these questions to his or her school by any means possible, **EXCEPT** by direct **VERBAL** communication. The Cyborg **CANNOT** talk or hear voices at all (they will be wearing earplugs). The object is for the school members to decipher, solve, or play everything sent to them from the Cyborg and send their answers back to him or her. Only the Cyborg will turn in the final set of answers.

Quizzle: (Registration of schools for this will be done at the initial registration in Boston)-- ***No calculators***

- 1, 2 or 3 person team/school—any divisions, but all from the same school
- The top 5 teams will compete in final Quizzle on stage during one of the awards ceremony
- Questions will be worth 10-20-30-40-50 in each category (similar to Jeopardy).
- Questions are from varied topics (not just math problems), but all will have to do with numbers or math history.

Chalk Talk: (T, A, M) Speeches will given by students on the specified topic

- Speeches will be limited to 7 minutes in length.
- Each school can have one presenter for each level Theta, Alpha, Mu.
- Students may have no materials other than one 3 x 5 card.
- See judging form included in this packet.
- 10 people from each division will advance to the final round.
- **Theta topic – Boston Marathon Math**
- **Alpha topic – Math, Actuarially**
- **Mu topic – DNA and Math**
- Trophies will be given to the top 10 in each division.
- Students will be writing on white boards or flip chart paper.



Scrapbook

- Traditional scrapbook, which should open and function like a regular book and be prepared by members of the chapter
- The size must be no larger than 18" by 20"
- Should reflect the chapter's activities over the past academic year
- One theme that reflects the chapter's entire activities, demonstrates creativity
- See pages 19 and 21 for more specific information on construction and judging of scrapbook
- No electronic or professionally prepared scrapbooks will be judged.
- Trophies will be given to the top 10 schools.

Poster

- Schools will create a poster at the convention on a theme announced during the individual test.
- Only the poster board supplied by the convention may be used.
- Each school may submit only one poster.
- All other materials are the responsibility of each school.
- Markers, colored pencils, paint, etc., can be used.
- Nothing can be attached to the poster board with glue, tape or any other adhesive.
- Glitter is not permitted.
- Posters will be judged on content, relevance to theme, artistic quality and overall appearance.
- See enclosed judging sheet.
- Trophies will be given to the top 10 schools.

Award & Scholarship Forms Are Online at www.mualphatheta.org

Awards available are:
Sister Scholastica Most Committed Sponsor Award,
Huneke Distinguished Sponsor Award,
Rubin Chapter Award, Kalin Award for outstanding member,
Andree Math Education Award.
Deadlines are posted online.

Sweepstakes Scoring

Sweepstakes: Trophies will be given to the top 15 schools.

The overall sweepstakes award is calculated from the scores of all tests and competitions. The sweepstakes score is calculated as follows: First a t-score is calculated for each individual competition score. A t-score is calculated using the formula $t = 10z + 50$. In this formula, z is the standard score (or z-score) and represents the number of standard deviations above or below the mean a particular score is located. The z-score is equal to

$(x - \mu)/\sigma$, where x is the actual team score, mu is the mean score, and sigma is the standard deviation of all the team scores. For each test, the t-scores have a mean of 50. After each t-score is calculated, it is multiplied by a weighing factor so that each competition has a value relative to its importance.

Competition	Num	Wt. Ea.	% Ea	Tot. Wt	Tot. %
Division (indiv, bowl, ciph) *Top 4 in M,A,T	3	9	1.2	27	32.4
Topic Tests: Top student from ea. sch. on ea. test	30	1	1.2	30	36
Interschool—Cyborg Test	1	2	2.8	2	6
Hustle	1	2	3.6	2	7.2
Mystery Test	1	1	2	2	2
Scrapbook	1	2	2.4	2	4.8
Quizzle	1	2	2	2	4
Poster	1	1	1.6	1	1.6
Chalk Talk: Top student in each division	3	1	2	3	6
Total Weighing Points					100%

So that sponsors and students can get a better feeling for the relative importance of each competition, the following table gives the weight and an **approximate** percentage for each competition.

* The top 4 students per school per division will be the participants in the division bowl round. The top 4 per division of each school will be determined by the sum of their individual test scores and their four ciphering scores.

Topic Tests

Each student must register for one topic test for each round. Please indicate the number of students taking each test when you register online. Students may take any topic test in their division, a higher division or any that are designated as open.

<u>Round One</u>	<u>Round Two</u>	<u>Round Three</u>
Theta--Geometry	Theta--Circles and Polygons	Theta-- Lines, Angles, and Squares Oh My!
Theta--Ready, Sets, Go!	Theta--Functions	Theta--Logs and Exponents
Theta--Equations and Inequalities	Theta--Applications	Alpha--Applications
Alpha--Analytic Geometry	Alpha--Complex Numbers	Alpha--Equations & Ineq.
Alpha--Logs and Exponents	Alpha--Trigonometry	Alpha--Polar
Mu--Area and Volume	Alpha--Matrices and Vectors	Mu--BC Calculus
Mu--Applications	Mu--Integration	Mu--Limits and Derivatives
Mu--To Infinity and Beyond (The Marathon Test)	Mu--Sequences and Series	Open--Mathematics in Medicine
Open--Probability	Open--Statistics	Open--Pi A La Mode
Open--Number Theory	Open--History of Math	Open--History of Calculus

Descriptions of Topic Tests and calculator use

Calculator use – NO calculators allowed on any test (except Statistics and Math in Medicine) or bowl.

Theta Level Tests – Tests are written at the Algebra II level and may contain concepts from Algebra II and/or Geometry.

Geometry—basic geometry

Equations & Inequalities--elementary equations and inequalities

Functions-- functions, including application of functions

Ready, Sets, Go! — sets, set notation, related topics

Theta Apps--applications of algebra 2 and geometry concepts

Circles and Polygons—any topic using circles and/or polygons

Line, Squares and Angles—linear equations and properties, and any topic about squares or angles

Logs & Exponents--elementary logarithms and exponents



Alpha Level Tests – Tests are written at the Pre-Calculus level.

Matrices & Vectors—matrix algebra, geometric transformations using matrices, vector geometry

Equations & Inequalities --advanced equations and inequalities

Polar--any topic using the polar coordinate system and/or polar graphs

Trigonometry--any topics in trigonometry and/or analytical Geo (incl. conics)

Alpha Applications --applications of pre-calculus concepts, may include trigonometry

Complex Numbers—any topic involving complex numbers

Logs & Exponents—any problem that involves the use of logarithms and/or exponents

Mu Level Tests – Tests are written at the Calculus level.

BC Calculus --BC Calculus topics with applications

Limits & Derivatives--any problem relating to limits and derivatives of functions of one variable or graphs in the xy-plane

Mu Applications--Applications of Calculus, including optimization and related rates

Areas & Volumes--ALL methods of finding or approximating areas under curves or between curves including polar and ALL methods of finding volumes of solids of rotations as well as volumes of irregular shapes using cross sections

Sequences & Series--all sequences and series topics, including calculus based series such as Taylor series

Integration --any problem relating to integrals of one variable

To Infinity and Beyond—any problem using infinity or the concept of infinity



Open Level Tests

Probability—advanced problems using probability, permutations, and combinations

Number Theory— advanced number theory, factors, primes, modulo, bases, etc

Statistics --any topic covered in an AP Statistics course—calculators allowed

History of Math—The topic is “Geometry Through the Ages”

Pi a la Mode—This test may consist of ANY problem (including history) that relates to pi, from basic geometry to advanced calculus.

History of Calculus—These questions can relate to any topic that has to do with the history behind calculus, from the obscure to the common.

Mathematics in Medicine—These questions will come from the use of mathematical applications in medicine. A GOOD knowledge of biology and chemistry, as well as some scientific notation skills is helpful for this test.

Mystery Test

This test is appropriate for all students and emphasizes one specific topic that will be revealed when the test is handed out. This test **WILL** count towards sweepstakes. No calculators will be allowed. Awards will be given to the top 15 students.

Gemini Tests

Gemini tests will be given during the school bowl round to students who are NOT on the school teams. These will be available to Theta, Alpha, and Mu divisions. Students will work on this test in two person teams. Singletons may join with another school to make a 2 person team. The tests are to have the same format as the topic tests, and the content will be appropriate to the level. This does NOT count towards sweepstakes.

Hustle

Each school may have ONE Hustle team---which will be comprised of 6 people from your school as follows: 1. The actual team will consist of 4 students, with no more than 2 students from the same division, 2. Each school must have a sponsor and an additional sponsor or student that will score for another school. If you do not have a sponsor or an additional person, you may NOT compete. There will be 5 rounds of 5 minutes each. The team is presented with 125 questions, color-coded by 5 math categories: Geometry, Algebra 2, Pre-Calc, Calc and Statistics. There will be 25 of each color/category, and 25 total submissions will be graded in each round. Before the end of each round a 1-minute warning will be given. Teams should have compiled answers for the judges to grade and will submit a paper with the question which includes the answer in the answer blank. Correct responses for Round 1 will receive 6 pts, 5 pts for Round 2, 4 pts for Round 3, 3 pts for Round 4 and 2 pts for round 5. Awards will be given to the top 10 teams. Individual awards will be given to each of the 4 student members of the team.

Tentative Schedule of Events



Sunday

7/8	2:00 – 5:30 PM	Registration Scrapbooks Due	Imperial Checkroom
	6:00 – 7:30 PM	Dinner	The Castle
	8:00 – 8:45 PM	Opening Ceremony (Poster theme announced)	Imperial/Plaza Ballrooms
	9:00 – 10:30 PM	Activity/ Mixer	The Castle
	9:00 – 10:30 PM	Sponsor’s Meeting	Finale Dessert Room (back of hotel-on the street)
	11:00 PM	Curfew	

Monday

7/9	6:30 – 8:00 AM.	Breakfast New Sponsor Breakfast	The Castle Corner of the Castle
	8:30 AM	Scrapbook Judging	Statler Room
	8:30 – 10:00 AM	Topic Test Round 1	Imperial/Plaza Ballrooms
	9:00 - 11:00 AM	Governing Council Meeting	Stuart Room (4 th floor)
	10:00 - 10:20 AM	Dispute Center Open	Imperial Checkroom
	10:30 – 12:00 NOON	Individual Tests	Imperial/Plaza Ballroom
	12:00 – 12:20 PM	Dispute Center Open	Imperial Checkroom
	12:00 – 1:00 PM	Lunch	The Castle
		Delegate Meeting	Corner of the Castle
	1:30 – 5:30 PM	Chalk Talk Round 1 Hustle Quizzle Round 1	Alcott THRU Charles River (4 th floor) Imperial/Plaza Ballrooms Whitehall & Whittier (4 th floor)
		Holding Room – St. James (4 th floor)	
	4:00 – 6:30 PM	Governing Council Meeting	Stuart Room (4 th floor)
	6:00 – 7:30 PM	Dinner	The Castle
	6:15 - 7:00 PM	Mental Math	Imperial Ballroom
	8:00 – 10:00 PM	Cyborg Interscholar Test	Imperial/Plaza Ballrooms
	11:00 PM	Curfew	

Tuesday

7/10	6:30 – 8:00 AM	Breakfast New Sponsor Breakfast	The Castle Corner of the Castle
	8:30 – 10:00 AM	Topic Test Round 2 *Statistics Test*	Imperial Ballroom Plaza Ballroom
	9:00 – 10:00 AM	Sponsor’s Meeting	Whittier (4 th floor)
	10:00 – 10:20 AM	Dispute Center Open	Imperial Checkroom
	10:30 – 11:30 AM	Speaker Session #1	Imperial/Plaza Ballrooms
		THIS IS MANADATORY FOR ALL—NO EXCEPTIONS!! <i>(see speaker session info in your program)</i>	
	12:00 – 1:00 PM	Lunch	The Castle
		Delegate Meeting	Corner of the Castle
	1:30 – 2:30 PM	Speaker Session #2	Imperial/Plaza Ballrm & Whitehall, Whittier
		<i>(see speaker session info in your program-plus more rooms)</i>	
	2:45 -3:15 PM	Speed Math	Imperial Ballroom
	3:45 – 5:30 PM	Ciphering	Imperial/Plaza Ballrooms

3:00 – 6:00 PM	Scrapbook Viewing	Statler Room
5:30 – 5:50 PM	Dispute Center Open	Imperial Checkroom
5:30 – 8 PM	Chalk Talk Finals	Whitehall, Whittier and St. James (4 th floor)
	Holding Room—Stuart Room	
6:00 – 7:30 PM	Dinner	The Castle
7:30 PM	Poster Due	HQ
7:45 – 9:30 PM	Mystery Test	Imperial/Plaza Ballrooms
9:30- 9:45 PM	Dispute Center Open	Imperial Checkroom
10 - 11:15 PM	<i>Awards</i>	Imperial/Plaza Ballrooms
11:30 PM	Curfew	

Wednesday

7/11 6:30 – 7:55 AM	Breakfast	The Castle
8:00 – 9:30 AM	Topic Test Round 3	Imperial/Plaza Ballrooms
	History of Math Test	Statler Room
9:30 – 9:50 AM	Dispute Center Open	Imperial Checkroom
10 AM – 8:00 PM	Off Property—See Boston	(lunch and dinner on your own)
8:30 – 9:30 PM	Sponsor’s Meeting	Statler Room
9:30 – 11:00 PM	Awards Ceremony	Imperial/Plaza Ballrooms
	(Top 5 Quizzle Teams will compete at this time)	
11:30 PM	Curfew	

Thursday

7/12 6:30 – 8:00 AM	Breakfast	The Castle
8:30 - 11:00 AM	Convention Committee Mtg	Stuart (4 th floor)
8:30 – 9:45 AM	School Bowl	Imperial Ballroom
	Gemini	Plaza Ballroom/Statler Room
	(for all not in school bowl)	
9:45 – 10 AM	Dispute Center Open	Imperial Checkroom
11:30 – 12:30 PM	Lunch	The Castle/ Take your lunch to the park
12:30 – 4:00 PM	Free Time to Explore	Boston
5:30 – 7 PM	Dinner	The Castle
7:30 – 10:00 PM	Final Awards	Imperial/Plaza Ballroom
	<i>Dressy Affair</i>	
11:30 PM	Curfew	

Friday

7/13 6:30 – 8:00 AM	Breakfast	The Castle
	(Grab and Go bags will be provided for early departures.)	
6:30 – 10:00 AM	Checkout	<i>See you next year!!</i>

EARLY BIRD REGISTRATION

Postmark Deadline: April 1, 2012

Payment must accompany early bird registration form.

Please print information clearly.

School Name _____ Chapter ID _____

School Address _____

Contact person _____ Summer Email _____

City _____ State _____ Zip code _____

Phone _____

Important information will be emailed after school is out.

For early bird registration, a total of \$50 per person must be submitted postmarked no later than April 1, 2012. The remainder of the registration fee, \$585 is to be paid by the final postmark deadline of May 15, 2012. If desired, students and sponsors may submit the entire cost of \$635 by the April 1, deadline. Early registration will not be refunded in any manner if the number of students pre-registered is greater than the number attending the convention. After April 1, but before May 15, the convention registration fee will be \$685 per person.

Number of students pre-registering: _____ x \$ 50 = _____

All students must be registered Full or Associate members of Mu Alpha Theta.

Number of sponsors pre-registering: _____ x \$ 50 = _____

Number of pre-registrants paying in full: _____ x \$ 585 = _____

Names and number of sponsors in single rooms: _____

_____ x \$ 500 = _____

Total paid _____

Make check payable to:
Mu Alpha Theta Educational Foundation
 Please note: **2012 Convention**
 Mail to:
Mu Alpha Theta Convention
 c/o University of Oklahoma
 601 Elm AVE RM 1102
 Norman, OK 73019

NOTE: If the National Office is paying for a member of your group, please add a note specifying the name of the student or teacher on the back of this form.

FINAL REGISTRATION FORM

Postmark Deadline: May 15, 2012 (FINAL)

Payment must accompany registration form.

Please print information clearly.

School Name _____ Chapter ID _____

School Address _____

Contact person _____ Summer Email _____

City _____ State _____ Zip code _____

Phone _____

Important information will be emailed after school is out. Please include names and email addresses of all sponsors attending the convention.

Number of students pre-registered: _____ x \$ 535 = _____
 All students must be registered Full or Associate members of Mu Alpha Theta.

Number of sponsors pre-registered: _____ x \$ 535 = _____

Number of non pre-registered registrants: _____ x \$ 625 = _____

Number of sponsors in single rooms: _____ x \$ 500 = _____

Total due _____

Make check payable to:
**Mu Alpha Theta Educational
 Foundation**

Please note:
2012 Convention

Mail to:
**Mu Alpha Theta Convention
 c/o University of Oklahoma
 601 Elm AVE RM 1102
 Norman, OK 73019**

Schools must submit a medical release form, medical record, indemnity agreement, and a student participation policies form for every participant. These forms are included in this packet. Please copy as many as your school needs.

Postmark deadline: June 1, 2012.

**Mail these forms to:
 Thom Morris
 2122 Dallas AVE
 Tampa, FL 33603**

Participant's printed name

School

Student Participation Policies

Please read the following and indicate your acceptance by your signature(s) where applicable.

NOTE: NO STUDENT WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS FORM ON FILE.

Rules of Conduct

- Participant agrees to conduct himself/herself in a manner appropriate for a member of an honor society.
- Participant agrees to join all scheduled activities, to keep his/her sponsor informed of whereabouts before leaving the group/housing during unscheduled times, and when permission is given to leave the group, to travel in groups of two or more.
- Participant agrees not to visit the rooms of the opposite sex. No visits are allowed after curfew.
- Participant agrees not to bring with him/her or to acquire during the trip, drugs of any kind including alcohol or smoking materials.
- Participant agrees to permit the sponsor to keep any prescription medicines during the trip.
- In matters of dress and deportment, participant agrees to follow the suggestions of the convention host, Governing Council, and school sponsor.
- Participant agrees to adhere to curfew as determined by the convention host and to permit occasional room and baggage checks during the trip.
- Participants agrees that failure to follow any of these rules may result in confinement to housing assignment and/or in the return home of the participant (on the first available flight) at participant's own expense, or, if a minor, at the expense of the parent or legal guardian of participant, and without benefit of any refund.

Participant's signature

Date

Parent/Guardian's signature

Date

Sponsor's signature

Date

Release and Indemnity Agreement

The undersigned participant, and his/her parents or legal guardians of the participant who is a minor, in consideration of being permitted to attend the Mu Alpha Theta National Convention, and for other good and valuable consideration do hereby release, waive and discharge Mu Alpha Theta, its Governing Council and convention committee from all manner of action, causes of action, suits, damages, judgments, or claims for personal injury or death or loss of personal property, and any loss, damage, expense or cost including any lodging, meals, ground or air travel which may be incurred by either the undersigned participant or the undersigned parents or legal guardians of such participant, arising out of any participation in the national convention.

The undersigned participant and his/her parents or legal guardians agree to indemnify Mu Alpha Theta, its Governing Council and convention committee for any financial liability or damages incurred which were caused in whole or in part, by the negligence of intention act of the participant while attending the national convention.

Participant signature and date

parent/legal guardian signature and date

NOTE: NO **STUDENT** WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS SIGNED FORM ON FILE.

**STUDENT Medical Release Form
(This form MUST be notarized)**

I, _____, as legal guardian of _____
or I, _____, authorize representatives from the school, officers of Mu Alpha Theta
sponsor or adult

and members of the convention staff, to initiate such first aid and other medical treatment (including hospitalization) as deemed necessary to protect the health and safety of participant while in attendance at and traveling to/from the convention. I understand that such treatment may include obtaining the services of health care providers. I acknowledge financial responsibility for such care not covered by the following medical insurance:

Company _____ Policy # _____

Subscriber: _____ Legal Guardian's Signature _____

Emergency Contact 1: _____ Phone Number: (_____) _____ Relationship _____

Emergency Contact 2: _____ Phone Number: (_____) _____ Relationship _____

STATE OF _____ COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20____, by

(name of person acknowledging).

Printed Name of Notary

(NOTARY SEAL)

Signature of Notary Public

Personally Known _____ OR Produced Identification _____

Type of Identification Produced _____

Include a copy of both sides of your insurance card(s).

ALL PRESCRIPTION MEDICATIONS (with the exception of items such as inhalers) must be left in the possession of the sponsor or an adult. Please indicate the name of the prescription medication and the dosage. Also include other medical conditions, including allergies, the convention staff and sponsors should be aware of:

Video/Photo/Media Release Form

Mu Alpha Theta may be videotaping/photographing students during the convention as well as writing articles about the convention that may appear online at the Mu Alpha Theta website. I agree to allow my child or myself , _____, to be part of the videotaping, photography, and/or media. I further release Mu Alpha Theta for any liability from this endeavor.

Legal Guardian's Signature _____ Date

This form must be sent in by June 1.

NOTE: NO **SPONSOR or CHAPERONE or GUEST** WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS SIGNED FORM ON FILE.

**Medical Release Form FOR SPONSORS, CHAPERONES or GUESTS
(this MUST be notarized)**

I, _____, as sponsor or guest of _____ authorize representatives from the school, officers of Mu Alpha Theta and members of the convention staff, to initiate such first aid and other medical treatment (including hospitalization) as deemed necessary to protect the health and safety of participant while in attendance at and traveling to/from the convention. I understand that such treatment may include obtaining the services of health care providers. I acknowledge financial responsibility for such care not covered by the following medical insurance:

Company _____ Policy # _____

Subscriber: _____ Sponsor or Guest Signature _____

Emergency Contact 1: _____ Phone Number: (____) _____ Relationship _____

Emergency Contact 2: _____ Phone Number: (____) _____ Relationship _____

STATE OF _____ COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20____, by

_____ (name of person acknowledging).

Printed Name of Notary

(NOTARY SEAL)

Signature of Notary Public

Personally Known _____ OR Produced Identification _____

Type of Identification Produced _____

Include a copy of both sides of your insurance card.

Also include other medical conditions, including allergies, the convention staff should be aware of:

Video/Photo/Media Release Form

Mu Alpha Theta may be videotaping/photographing sponsors or guests during the convention as well as writing articles about the convention that may appear online at the Mu Alpha Theta website. I agree to allow myself, _____, to be part of the videotaping, photography, and/or media. I further release Mu Alpha Theta for any liability from this endeavor.

Sponsor or Guest Signature Date

This form must be sent in by June 1.

Chalk Talk Rules/Guidelines and Judging Sheet

I. Topics for each division are: **Theta topic –Boston Marathon Math**
 Alpha topic – Math, Actuarially
 Mu topic –DNA and Math

II. Students will be given 7 minutes of uninterrupted time for their presentation on the topic above. Warnings will be given when one minute remains and when 15 seconds remain. Presentations will be cut off at the 7-minute mark. Students may only bring one 3” by 5” index card into the presentation room to use during the presentation. All writing materials will be provided. Only observers from the presenter’s school may observe the preliminary round, unless the presenter’s sponsor is present and the presenter and the sponsor give permission otherwise.

III. Chalk Talk presentations will be judged on the following scale:

Knowledge of subject	10 points
Oral presentation skills	10 points
Use of time	10 points
Accuracy of facts	10 points
Use of chalkboard	10 points

Two judges will be assigned each presentation in the preliminary round, for a total of 100 points.

IV. In the preliminary round, students may observe a chalk talk presentation ONLY of another student from the same school. The Chalk Talk Finals are open to all convention participants.

V. Each school may enter one person per division, and they must register on the Competition Sign-Up form.

Chalk Talk Judges Sheet

Knowledge of subject	1	2	3	4	5	6	7	8	9	10
Oral Presentation Skills	1	2	3	4	5	6	7	8	9	10
Use of time	1	2	3	4	5	6	7	8	9	10
Accuracy of facts	1	2	3	4	5	6	7	8	9	10
Use of chalkboard	1	2	3	4	5	6	7	8	9	10

Judges comments:

Total: _____

Poster Competition Information

- Chapters attending the annual convention may create a poster on the theme announced at the convention.
- All students may work as a team during this event.
- Only one poster is permitted per school.
- The poster board will be supplied by the convention host.
- Materials used for the poster are to be supplied by each school. Nothing can be attached to the poster by using tape, glue, etc. Suggested materials are colored pencils, crayons, markers, pencil, etc.
- No glitter of any kind is to be used, including glitter pens/paints.
- Names of schools are to be written on the back, not the front, with the school ID number.
- Poster will be judged on layout, neatness, content, relation to the theme, artistic quality, and overall effect.
- A panel of judges will consist of seven sponsors/chaperones and two chairpersons.
The decision of the judges is final.
- Trophies will be awarded to the top 10 places.
- Chapters submitting posters for judging shall, at the same time, waive their rights to the Mu Alpha Theta National Office for use of images of their poster in publicizing Mu Alpha Theta in print or electronic forms. The National Office reserves the right to retain any of the posters submitted for up to one month following the annual meeting for making such images. All posters retained will be returned to their sponsoring chapter within one month following the close of the convention.

Scrapbook Competition Information

Each school is encouraged to bring a scrapbook to participate in the scrapbook competition and to share the chapter activities. The scrapbook should have one theme that reflects the chapter's activities/history over the past academic year and could include last summer's convention. Each scrapbook will be judged on originality, creativity, cover, content, organization, neatness, attractiveness, and overall effect.

Rules and Regulations

- **Only the members of the scrapbook's Mu Alpha Theta chapter must make each scrapbook.**
- **Traditional scrapbooks (which should open and function like a regular book) should not exceed 18"x 20" and should be limited in weight to facilitate ease of handling.**
- **Scrapbooks must display the school name as well as the words and/or symbols for Mu Alpha Theta on the cover.**
- **Scrapbooks must reflect the chapter's activities over the past academic year and could include last year's convention.**
- **Scrapbooks must be registered prior to the opening session.**
- **Scrapbooks will be displayed after they have been judged.**
- **The top ten scrapbooks will be recognized by receiving an award.**
- **Each chapter is responsible for retrieving its own scrapbook in the afternoon on the final day of the convention.**
- **A panel of judges will consist of seven sponsors/chaperones and two chairpersons.**
The decision of the judges is final.

Poster Competition Judging Sheet

Note to judges: Please write in point values for all subcategories on the left. Total these and write subtotals for each category on the right.

- Use of any unauthorized materials or attachments will result in points deductions.
- Placement of school name on front of poster will result in a 20 point deduction.

I. Content (30 points, maximum) _____ **Total points**

- _____ A. Originality (10 points)
- _____ B. Theme Related (10 points)
- _____ C. Math Related (10 points)

II. Artistic Quality (40 points, maximum) _____ **Total points**

- _____ A. Lettering (10 points)
- _____ B. Artwork (10 points)
- _____ C. Color Coordination (10 points)
- _____ D. Style/Layout (10 points)

III. Overall Effect (30 points, maximum) _____ **Total points**

- _____ A. Attractiveness/Neatness (10 points)
- _____ B. Eye Catching Design (10 points)
- _____ C. WOW Factor (10 points)

Deductions: Use of unauthorized materials or attachments: 20 points

School name, logo, initials or any other identifying elements on front: 20 points

_____ **Total Points (100 maximum)**

Comments:

Scrapbook Competition Judging Sheet

School Name _____

School ID # _____

Judge's # _____

Note to judges:

- Please note that each subcategory under the five main categories is assigned a maximum point value. Write these point values in the spaces provided to the left, then total the points and write the total score for each category on the top.
- Schools are not given specific guidelines for any of the categories below other than the information provided on this judging form. Do not impose or add any of your own rules or guidelines that schools were not provided in the convention packet.

I. Cover (20 points, maximum) _____(Total points)

- ___ A. School name (1 point)
- ___ B. Mu Alpha Theta logo (1 point)
- ___ C. Year (1 point)
- ___ D. Creative use of materials (6 points)
- ___ E. Attractive design (6 points)
- ___ F. Sturdy construction/Ease of Handling (5 points)

II. Content (50 points, maximum) _____(Total points)

- ___ A. Use of visual materials (8 points)
- ___ B. Coverage of membership information and club activities (8 points)
- ___ C. Coverage of competition, contests and results (8 points)
- ___ D. Consistency of theme (8 points)
- ___ E. Variety of content material (8 points)
- ___ F. Creativity of page layout (10 points)

III. Organization (20 points, maximum) _____(Total points)

- ___ A. Method/style of organization (10 points)
- ___ B. Creativity of organization (10 points)

IV. Artistic Quality (30 points, maximum) _____(Total points)

- ___ A. Artwork/lettering (10 points)
- ___ B. Color coordination of materials (10 points)
- ___ C. Style and design (10 points)

V. Overall Effect (30 points, maximum) _____(Total points)

- ___ A. Activity level of the school's Mu Alpha Theta chapter (6 points)
- ___ B. Originality and creativity in assembling the scrapbook (8 points)
- ___ C. Completeness and thoroughness of the scrapbook (8 points)
- ___ D. WOW factor (8 points)

****Deductions:** Exceeded maximum size - 20 points.
 Non-traditional cover - 10 points
 Non-traditional interior - 20 points

Total Points _____ (150 maximum)

Comments (on back): Note here if you use the back

Getting to the hotel **FROM the airport** via the T

1. Go to baggage claim—lower level
2. After getting all your bags, go outside to ground transportation.
3. Look for the “**Blue Line**” bus--#22. Be aware!! Many buses look exactly alike...get on the right one! If you are not sure, ask the driver before you get on. There will be MAΘ students there to help direct you.
4. This bus will take you directly to the T-station. It is the final stop of this bus. Get off here.
5. Use the ticket machine to purchase a ticket for the T. One way is \$2 and round trip is \$4. The machine will take cash or credit cards. Change is given all in coins.
6. Look for the **INBOUND train heading towards Bowdoin**. This is the **BLUE** line and the only line at this station.
7. Take this train to **GOVERNMENT CENTER** station. It will be the **4th stop**.
8. Exit at this stop and look for the **GREEN line**. **You will go up a level**.
9. Look for **ANY OUTBOUND GREEN** line train.
10. Take this train to **ARLINGTON station**. **It will be the 3rd stop**.
11. Exit at this stop and go up to the street.
12. Look for the large stone church on the corner. You can't miss it.
13. Walk 1 block away from this church or toward the other stops on Arlington Street.
14. The hotel---Boston Park Plaza--- will be on the left side of the street one block down.

Getting **TO the airport** from the hotel via the T

1. Go outside the main entrance of the hotel lobby and head to **ARLINGTON** station (1 block).
2. Make sure you have your T ticket or be ready to purchase a one way ticket to the airport (\$2).
3. Look for the **INBOUND** train heading to Lechmere. This is the **GREEN** line.
4. Take this train to **GOVERNMENT CENTER** station. It will be the **3rd stop**.
5. Exit at this stop and look for the **BLUE line and airport**. **You will go down a level**.
6. Take this train to the airport. It will be the **4th stop**.
7. Exit at this stop and go to the street.
8. The airport shuttle bus will pull up and take you directly the terminals. There is only one bus there. Make sure you get off at the correct terminal for your airline (there are 4).

