President’s Message
Scott Powell, 2013 – 2014 HCTM President

Aloha Math Educators,
Welcome Back!!! Hopefully you have found the summer to rewarding professionally and relaxing personally. I know that things get busy very quickly so I will give you two reminders right now.

1. Make sure that your membership is current and if you need to renew the membership you do so this week. Memberships run from September 1st 2013 to August 31st, 2014. For your convenience you can renew on our website, www.hctm.org. We now allow you to extend you membership to multiple years. What a bargain! With your membership comes this monthly newsletter and you get a reduced price to our annual hctm conference. Please take advantage of this and get some high quality, low priced professional development.

2. Our annual conference will be held this year at Iolani High School on Saturday, March 1st, 2014. Mark your calendars. We have exciting presenters already lined up with more being added everyday.

Please plan on joining us in March and staying current on your membership. I think this is going to be the best year ever for Math educators in Hawaii. If you are as excited as I am and want to help out we are still currently looking for teachers to fill three board seats. VP elect (conference chair) and the Middle and Elementary School Directors. If you are interested in any of these positions let me know and I will try to get you information about the responsibilities or you can look at them on our website in the bylaws.

I hope you enjoy the school year and know that we all continue to work hard to ensure that we have the most prepared math students as possible.

Have a great year everyone!

Sincerely Yours
Scott
Calendar of noteworthy events:

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<td>September 14, 2013</td>
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<td>September 28, 2013</td>
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<td>HCTM Spring Conference</td>
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<td>Iolani High School</td>
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Have another event you think others in our community would like to know about? Feel free to submit interesting websites and articles as well! Email egabriel@sacredhearts.org

Secondary Mini-Conference

The HCTM Mini Conference for Upper Elementary, Middle and High School teachers is on! It will be on Saturday, September 28 at Roosevelt High. Registration is 7:45 – 8:25, first session is from 8:30 – 10:00 am, second session is 10:15 – 11:45 am. I am really excited to announce that Laura Yamamoto and Saundra Takara from Aliamanu Elementary School will be doing two sessions on Singapore Math’s Model Drawing Strategy, Michael Serra will be doing two sessions, Pirate Geometry and Pirate Cryptography, and Lin McMullin from Iolani School will also be doing a session. Descriptions are on the attached flyer. Registration is happening now with a link at the HCTM website. Any updates will also be posted to the HCTM website. Register now for this fall mini conference! Cost is $5 for current HCTM members!

HCTM Membership Renewal Reminder

HCTM memberships for each school year expire on Aug. 31. You may renew membership online (go to http://hctm.org and select the Membership Information link) so you won’t miss any of the exciting upcoming HCTM opportunities. Aloha and have a great new school year!

Deborah Kula, Membership Chair
dkula@sacredhearts.org

Contact Kim Slagel at kislagel@ksbe.edu or 842-8924 if you have a need for any of the textbooks listed below.

College Algebra  2nd ed.  Beecher, Penna & Bittinger; Pearson/Addison Wesley, 2004   (150 copies)

Trigonometry.  Cynthia Young, Wiley Publishing 2007 (22 copies)


Algebra 2, Berchie Halliday, et al., Glencoe Publishing 2005  (25 copies)
HCTM Mini Conference for Upper Elementary, Middle and Secondary Teachers

September 28, 2013
Roosevelt High School

Speakers and Session Titles:

Michael Serra:
Session 1
Pirate Geometry

Session 2
Pirate Cryptography, The Second Voyage

Laura Fukumoto & Saundra Takara (Aliamanu Elementary School):
Singapore Math: Model Drawing Strategy

Lin McMullin (Iolani School):
Session 1
The Ubiquitous Particle Motion Problem (For AB and BC Calculus teachers.)

Session 2
Helping your AP Calculus Students before they are AP Calculus Students. (for Algebra 1 through pre-calculus/trig teachers)

David Masunaga (Iolani School):
Using the Incredible Paperclip in Math Class!

Schedule
Registration  7:45 – 8:25 am
Session 1  8:30 – 10:00 am
Session 2  10:15 – 11:45 am

More information and registration is on Eventbrite. There is a link at the HCTM website
http://www.math.hawaii.edu/~tom/hctm.html
2014 HCTM SPRING CONFERENCE  
Saturday, March 1, 2014

We are planning an exciting HCTM Conference at ‘Iolani School in Honolulu, HI on Saturday, March 1, 2014 from 7:30 a.m. to 3:00 p.m. The theme of the conference is “Common Core: Teaching and Learning in the 21st Century”.

Our keynote speaker is David Masunaga. His keynote address is “Teaching the Common Core WITHOUT Technology”. David is a member of the mathematics faculty of ‘Iolani School in Honolulu where he has taught in grades 7 through 12 for the past 35 years. He has been a member and chaired several major committees and panels for the National Council of Teachers of Mathematics, National Council of Supervisors of Mathematics and National Science Foundation. In addition, he has served as NCTM Director and is active in the work of the National Youth Science Foundation, the National Museum of Mathematics, and several orchestral and performing arts organizations throughout Hawaii.

We are offering 30 or more sessions of topics of interest to elementary, middle school, secondary, and college educators. We welcome presenters from the mainland new to HCTM. They include Francie Bostwick from Southern Oregon University, Mandy Grotting from Reno, Nevada, Dr. Dae Hong from University of Iowa, Abraham Gadalla from Minnesota; Dr. Dane Camp, and Romi Kim from California.

Topics covered are project-based learning, Singapore Math, TI-Nspire App for Ipad, Aleks Math, Using Mathematica, Geogebra, number talk, standards for math practice, Pearson focus on outcomes and efficacy, algebraic reasoning, mathematical stories, and so on.

We are having exhibitors displaying their latest educational materials, technology, and gadgets in the student cafeteria. We are also having raffle prize drawings for those present during lunch.

In order to register for this conference, please go to www.hctm.org and scroll down to attendee registration. Registration is $25 for HCTM members and $40 for non-members. Students $10. Registration includes continental breakfast, lunch, and HCTM membership.

Please register early. Don’t miss this great opportunity to collaborate with your colleagues and learn the latest techniques of teaching and technology.
A CALL FOR SPEAKERS

If you have an innovative idea, a lesson or project that works, a lesson using technology, an application of the Common Core Standards, or anything interesting to share with the teachers of Hawaii, please consider submitting a speaker proposal for the HCTM Spring Conference on Saturday, March 1, 2013. It is going to be held at ‘Iolani School in Honolulu, HI from 7:30 a.m. to 3:00 p.m.

To submit a speaker proposal, please go to www.hctm.org and scroll down to speaker proposal under the 2014 HCTM Conference. Clicking on speaker proposal will take you to eventbrite where you can submit your proposal.

Speakers receive a free continental breakfast, lunch, registration, and HCTM membership. For further information, please email Meryle at hirotsumeryle@gmail.com

Hawaii Science Teachers Association (HaSTA) Conference
Saturday, September 14, 2013
7:30 a.m. – 1:30 p.m.
Punahou School

The HaSTA Conference will be held at the Mamiya Science Center at Punahou School on Saturday, September 14, 2013.

The Conference Theme is “Science and the Common Core”. The keynote speaker is Peg Steffen. For details, please go to http://hasta.wildapricot.org The conference is free for HaSTA members and $20 for non-members.

Speakers on math/science related topics include:

- **Michael Ida of Kalani High School.**
  “Leveraging Technology in the Math and Science Classroom”

  *How can real classroom teachers incorporate technology into their lessons under less than optimal conditions? Small apps can make a big difference in the math and science classroom. Find out what works and how to leverage whatever tech resources you have to enliven your lessons and increase your effectiveness.*

- **Roger Kwok of Leeward Community College**
  “What is this stuff good for and when am I ever gonna use this?”

  *In order to capture the attention and interest of our students in making them want to learn math/science, we need to show them how math/science is intimately connected to their everyday lives. This workshop will help you to utilize everyday objects to introduce and illustrate mathematical/scientific concepts and principles to your students in fun and exciting ways.*
The Oahu Mathematics League held its seventh and final round of competitions between 29 public and private high schools on Saturday, April 20, 2013 at Kamehameha High School. Over 300 students competed in seven math competitions from September 2012 through April 2013. Students, teachers, and volunteers congregated throughout the city to study, coach, and solve math problems on the weekends. Iolani took first place in the Leibniz and Junior Varsity Divisions for 2013. St. Louis took first place in the Newton Division and Punahou placed first in Varsity Most Improved. Leibnitz is for larger teams; Newton is for smaller teams; and JV is only for 9th and 10th graders.

Here are the results of the 2013 OML winners:

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<tr>
<td>1. Iolani</td>
<td>1. St. Louis</td>
<td>1. Iolani</td>
<td>Varsity: Punahou</td>
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<td>5. Hawaii Baptist</td>
<td>5. Farrington</td>
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For more information, OML has a website at www.oahumath.org that also includes a Facebook link. If individuals are interested in having their school become an OML member school – or just have a question – feel free to contact Lance Suzuki the league president at lancesuzuki.oml@gmail.com.
Who Wants to Be a Mathematician?
A chance for your student and department to win up to $10,000

Are you looking for a chance to reward and showcase your best math students -- and the chance to share the winning contestant’s $10,000 award with your math department?

The American Mathematical Society is again conducting its national contest for high school students, Who Wants to Be a Mathematician, with a top prize of $5000 for the winning student and $5000 for the math department of that student’s school. There is no fee to participate.

*When/where: The 2014 contest will take place Thursday, January 16, from 9:30 to 11:00 a.m. at the Convention Center in Baltimore. The event is part of the Joint Mathematics Meetings, which will take place January 15-18, 2014.

*Qualifying test: Contestants are chosen based on their scores on qualifying tests. This year we will have two rounds of tests, which will be conducted online (but if you absolutely can’t do the test online, we can send you a hard copy) thanks to one of our sponsors, Maplesoft, Inc. The first round will be Sept. 14-27. There will also be a practice test available during that time, so you and your students can become accustomed to the test procedure.

*Qualifying procedure: Let us know how many students at your school plan to take the test and we will send you a password for each in addition to a proctor password for you. The online test is a timed (15-minute), closed-book, no-calculator (and no other electronic help) test. Each student who plans to take the test must have his or her own password. Past participants in the national Who Wants to Be a Mathematician are eligible to compete again.

*Deadline: The first-round testing period ends Sept. 27. Students who score eight or above on the 10-question test will move on to the second round of testing in mid-October. The AMS will select 10 contestants from different regions of the US from the second round of testing to compete in the 2014 contest in January in Baltimore.

*Contest format: There will be two semifinal games, each with five of the contestants. The winners of the two semifinals will go "head-to-head" in the finals for the national championship. The champion will win $5000 for himself or herself, $5000 for your math department, a traveling trophy for you to display at the school until the 2015 contest, a trophy for the school/department to keep, and an individual trophy for the winner to keep. All contestants will win prizes, cash for themselves, and cash for your department (the minimum cash prize is $500 for the student and $500 for the department). The AMS will reimburse reasonable travel expenses and room and board for each contestant and a parent/guardian for a maximum of two nights. Contestants and their parent(s)/guardian(s) are welcome to attend other events at the meeting.

*From past participants: "Thanks so much for this amazing opportunity, and our school certainly appreciates the support, too!"
"Thanks so much for everything! The entire competition was an amazing experience that was unlike anything I’ve ever been a part of."

*See more about the contest at www.ams.org/programs/students/wwtbam/wwtbamnational.