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## Anaheim 2013 Conference Program Highlights

by Judy Williams, Program Coordinator

From October 31 through November 3 there will be no end to the fun - and the information - at the 39<sup>th</sup> AMATYC Annual Conference in Anaheim. Renew old friendships and make new ones while refueling your professional energy. Reserve your space now at the Anaheim Marriott to take advantage of the free WiFi in every guest room booked in the AMATYC room block.

For Thursday's Opening Session, Sheila Tobias and Victor Piercey join forces to share how they are combining Tobias' vast knowledge of math anxiety with Piercey's classroom experiences in preventing or addressing students' anxiety. During Saturday's Breakfast Program, David Masunaga will deliver the wake-up call to

prepare for March 14, 2014: only  $\frac{1}{(6+1)!} \prod_{k=1}^6 (4k-2)$  days away! Learn about the most natural occurrences of the number  $\pi$ , as well as some of its unusual and rarely discussed properties.

New this year is the Impromptu Room, a place to create breakout sessions with your colleagues. If there is a topic you would like to discuss, reserve a time on Thursday, Friday, or Saturday by signing the time slot signs in the registration area Wednesday. The signs will then be placed outside the designated rooms when sessions begin. Initiate your own meeting or check to see if there is a topic on the board that interests you. If you want more time to explore ideas presented in a session, invite the attendees, and even the speaker, to join you in the Impromptu Room.

The conference program and other information will be available again this year with the conference app.

Download the free app to your smart phone or tablet at the end of October and create your personal schedule. During the conference use the app to share your comments and photos.

First-time attendees should be sure to indicate their status on the registration form and also take advantage of "AMATYC 101" on Thursday morning at 9:10 am. Those attending the conference for the first time will also receive an invitation to a reception Thursday evening.

If you are bringing others with you to the conference, urge them to participate in "Friends and Family Connect: Let's Discuss What's Happening in Anaheim." This session with Carol Murphy and other Local Events Committee members will take place Thursday at 8:00 am with an encore on Friday at the same time.

Course Redesign is still an important topic across the country. Friday afternoon, Jack Rotman continues his popular discussions about "Bringing New Life to Your Developmental Mathematics." Friday morning, Uri Treisman returns with an update on the growth of the New Mathways Project with Amy Getz, and on Saturday at noon he and Bernadette Fong share the latest data from the Carnegie Foundation.

Two themes occurred frequently in this year's submissions. One pointed to our growing awareness of mathematics in other cultures and our role as educators with global citizenship. Look for presentations using the new Global and Cultural Education (GC) key. The other theme included in many presentations is the Common Core State Standards, which are addressed in the following sessions:

- "Opening the Gate to Higher Education Mathematics" - Thursday, 10:20 am;
- "Transformations, Tessellations, and Smartphones" - Friday, 9:10 am;
- "Incorporating the Standards for Mathematical Practice with Rich Tasks" - Saturday, 12:00 pm;
- "Close the Assessment Loop: Give Common Questions, Analyze, and Discuss" - Saturday, 1:15 pm;
- "Core to College" - Saturday, 2:30 pm.

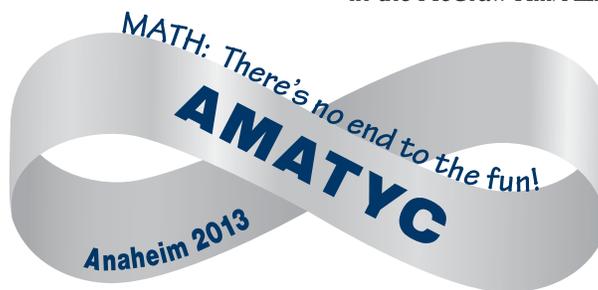
Those who arrive early on Wednesday are invited to participate in the McGraw-Hill/ALEKS Corporation event, "Adaptive Learning for Every Environment." Anyone interested must RSVP to kristenmahony@mheducation.com. Also on Wednesday, the Research in Mathematics Education in Two-Year Colleges Committee (REMYTC) has planned its second Research Pre-session at 6:00 pm.

Thursday evening features a discussion of proposed by-law revisions and the AMATYC regional structure, as

well as the initial hearing on two position statements:

- The Appropriate Use of Intermediate Algebra as a Prerequisite Course;
- The Academic Preparation of Mathematics Faculty at Two-Year Colleges.

➤ *Continued on 11*



# President's Message



## Another Opportunity

Jim Roznowski  
Delta College  
University Center, MI

"Hi Linda,

*We have been mandated that everyone will do the same thing, and that all classes from prealgebra through intermediate algebra will be done using the emporium model. We've been using different software in both online and face-to-face classes. Does anyone have other ideas?"*



The quote above is typical of emails sent to Developmental Mathematics Committee (DMC) chair Linda Zientek. It summarizes what many of us are experiencing when it comes to how the issues related to the restructuring of developmental mathematics are addressed. Too often the approach to be used in teaching developmental mathematics is mandated by legislators or college administrators who have little, if any, experience in developmental education. It is left up to the "classroom" instructor to make it work.

For several years, AMATYC through the DMC, has been involved in many of the initiatives related to developmental mathematics. AMATYC's New Life Project, developed by members of the DMC under the direction of Jack Rotman, has been around since 2009. The project reflects AMATYC's standards documents and the studies related to how mathematics is learned. Information about the New Life project is available at the DMC wiki: [www.dm-live.wikispaces.com/](http://www.dm-live.wikispaces.com/) and at a companion blog hosted by Jack Rotman: [www.devmathrevival.net/](http://www.devmathrevival.net/). In a previous newsletter I related AMATYC's involvement in two other national initiatives: the Carnegie Foundation Pathways, and the Charles A. Dana Center New Mathways Project.

With all of the options facing us, how to implement the approach that best works for our students may be difficult

to find. About a year ago, learning specialist Paul Nolting approached both AMATYC and the National Association for Developmental Education (NADE) about hosting a national summit on developmental mathematics. We felt it was time to bring together those in the "front lines" of developmental mathematics education to discuss the different approaches being used across the country. Such a meeting is planned to precede the AMATYC conference in Anaheim this fall. Although the plans are just coming together when this is being written, by the time you receive this newsletter additional information should be available on the AMATYC website.

If all goes according to plan, the pre-conference session will begin with a panel discussion led by representatives of AMATYC, NADE, the National Center for Developmental Education, and other organizations. A day and a half of concurrent sessions will follow. These sessions will present how instructors have successfully implemented developmental mathematics reform and will provide information on the initiatives that have been developed by AMATYC, Carnegie, Dana, and others. The pre-conference will also have time for attendees to meet presenters to discuss issues related to the implementation of reform at their individual institutions.

The planned pre-conference sessions are not a replacement for the AMATYC national conference that will follow. They are intended to be a lead-in to the more complete program and discussion that always takes place when AMATYC meets. So, if you are dealing with developmental mathematics reform at your institution, please think about coming to Anaheim a little early. Registration information for the pre-con will be available on the AMATYC website. Whether you join us for both the pre-con and conference or just the AMATYC conference, I hope to see you in Anaheim in late October.



How much has teaching mathematics changed over the years? Here is a sample problem from the book *Complete Arithmetic* by Samuel Hamilton, 1909: A man sold 128 acres of land at \$70 an acre and 96 at \$90 an acre. He invested the money in town lots at \$550 each. How many did he buy?

# Conference Notes

by Keven Dockter, Conference Coordinator

With everyone busy prepping for their classes and getting ready for a new school year, I hope you are also planning on attending the 39<sup>th</sup> AMATYC Annual Conference in Anaheim, CA, beginning on October 31. The conference is earlier this year so everybody will need to plan accordingly when they make their preparations.

As you have come to expect, there will be another outstanding program this fall. Judy Williams, along with the program review committee, read several hundred proposals and worked extremely hard to create the program. As Judy outlines in another article in the newsletter, there are several themes or strands that run through the conference program. Keep in mind that another method of learning at a conference comes from visiting with colleagues and discussing current topics. With that in mind, we have set aside one room each day for people to create their own session. Sign up charts will be available Wednesday during registration and then at the entrance to the room thereafter for anyone to pick a time and suggest a topic. If you see a topic that interests you, stop in and discuss it with your colleagues in the room.

Exciting features of this year's conference include the Friday Regional meetings that will be held over lunch in Anaheim, as they were last year. We received a lot of positive feedback and had improved attendance at these regional meetings. Also receiving great reviews was the conference app. Look for an announcement in mid-October about downloading this year's version. Please download the app and use it to get more involved in the conference. You will be able to post conference pictures and communicate with those at the conference, and at home, via Twitter. We will use the hashtag #AMATYC for our tweets. If you arrive early, you could choose to attend the Research Committee's session on Wednesday evening and learn about future research. Perhaps you just want to stop by the hospitality room and see who has dressed up as their favorite mathematician! If you are not ready to begin your conference on Wednesday, you can always walk over to Disneyland! Discount tickets will be available on the conference website beginning on August 26.

The past few years the hotel rooms we have reserved at the conference hotel have sold out. We anticipate the same thing happening this fall, so please book your rooms early. As the conference approaches, we will be monitoring our room block and will work with the hotel to get as many people as possible into the conference hotel. The room rates at the Anaheim Marriott include complimentary Internet as many have requested. Everyone will enjoy this beautiful hotel in a great setting. There are many areas outside the hotel to gather and visit with friends while enjoying the great weather of Southern California.

Even though the conference committee has been focusing on Anaheim, we are also preparing to visit the Gaylord Opryland in Nashville, TN, the site of our 2014 conference. The Gaylord is a destination itself, where one can find a meandering river, many great restaurants, nine acres of indoor gardens, cascading waterfalls, and many shopping and recreation options all under one roof! Throw in the excitement of Music City and AMATYC's 40<sup>th</sup> Annual Conference celebration and you will want to add November 13-16, 2014, to your calendar. Additionally, site selection visits were made this past May as AMATYC works to find a location for the 2019 conference. Looking so far in the future helps us find sites with great rates to help save everyone money.

Please join us in Anaheim this fall where there is no end to the fun!

## Coming to Anaheim

by Jim Roznowski, AMATYC President

For the past few AMATYC conferences, there has been a friendly competition among regions in support of the work of the AMATYC Foundation. At the 2012 conference in Jacksonville, a drawing among donors selected recipients for a complimentary AMATYC membership, a complimentary registration for the 2013 AMATYC conference in Anaheim, and complimentary four-night accommodations during the Anaheim conference.

In Jacksonville, the hotel accommodations during the Anaheim conference were awarded to Frances Furbert of Bermuda College. Frances will be traveling to Anaheim from Bermuda this fall to once again join us at the 2013 conference. In a recent email Frances writes:

"This has been an incredible year for me! As a mathematics teacher over decades, my greatest satisfaction has always come from seeing the growth of developmental math students, particularly those who start out with phobias. My mission is to help students to start enjoying mathematics. I was voted Educator of the Year 2012 at Bermuda College, and will travel to Austin, Texas, in May, 2013 to be honored at the NISOD."

We hope you will continue to support the AMATYC Foundation again this year. All donations to the Foundation during this calendar year will be included in the regional totals used at the conference. You can make your donations when you register for the conference or on-site in Anaheim.



Frances Furbert

# Conference Notes

## California Adventure Ideas

by Carol Murphy, Anaheim Local Events Coordinator

So you are considering attending this fall's AMATYC Annual Conference in Anaheim, CA, on October 31 - November 3. You know there will be great sessions to attend and wonderful places to eat. We are predicting that the weather will be perfect and you are wondering what you can do outside the conference. We hope you are considering coming in a day early or staying an extra day to enjoy Southern California. The Anaheim Local Events Committee has pulled together some of their favorite things to do in this exciting location. We hope to see you in Anaheim this fall!

**Disneyland Tickets** AMATYC and Disney have an exciting offer for you. AMATYC members attending the Anaheim conference will be able to purchase discounted tickets for the theme parks. Tickets will be available for purchase online on August 26 and will be valid from October 26 through November 8, 2013. When the AMATYC online ticket store opens, a link will be posted on [www.amatyc.org](http://www.amatyc.org) for ticket purchase. You will be able to print out your tickets at home for entrance into the parks.



Knott's Berry Farm/Photo courtesy of Knott's Berry Farm and AOCVCB

**Knott's Berry Farm** Spend a fun-filled day at this theme park. Get discount tickets and transportation at [www.allanaheimtours.com](http://www.allanaheimtours.com).

**Catalina Island** Visit Catalina Island by boat. Leave from Newport Beach and travel to Catalina Island on the Catalina Flyer. Once on the island spend the day on one of the following tours: Zip line, Glass Bottom boat, Island Motor Tour or the Botanical Garden. The round trip costs \$70 per person. Check out the information about Catalina at [www.catalinainfo.com](http://www.catalinainfo.com)

**Orange County Wildlife and Beach Tours** Choose from Tide Pools, the Nature Preserve, Beach and Coastal Shopping, Orange County Mission tour, or Laguna Canyon Arts tour with optional wine tasting. Most of these tours last four hours and cost about \$80 and include transportation, an educational guide, beverage and snack. The website for these tours is [www.ocwildlifebeachtour.com](http://www.ocwildlifebeachtour.com) Several tours will pick you up at the Marriott Hotel.

**Tours of Los Angeles** Many tours of Los Angeles leave from Anaheim. You can tour LA during the day or at night and even fold in a tour of Universal Studios. Check out the following website to arrange a tour that fits into your schedule: [www.allanaheimtours.com](http://www.allanaheimtours.com).



Disneyland® Resort/Photo courtesy of Anna Jison and AOCVCB

### Dinner Shows

**Medieval Times**, a love story woven into a tournament pageantry; includes a hearty meal.

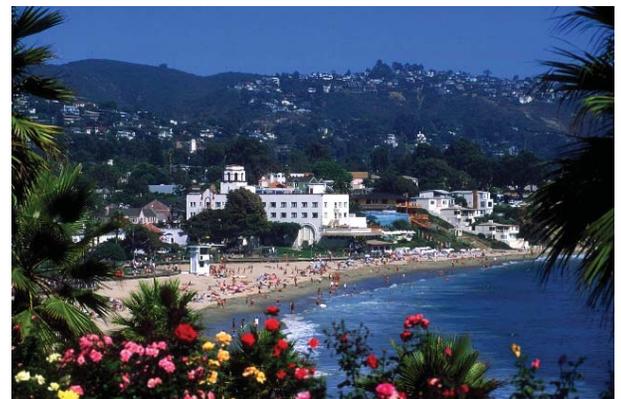
**Pirates Dinner Adventure** is a swashbuckling sword play of good versus evil with a meal fit for a ship's captain. Each show lasts about 2.5 hours and costs \$71 per person. Transportation leaves from Anaheim for each event. For more information go to [www.allanaheimtours.com](http://www.allanaheimtours.com)

### Temecula Adventures

**Hot Air Balloon Adventures** Set up your one hour hot air balloon ride over the wineries in Temecula by calling 800.965.2122 or by reserving your flight at [www.hotairtours.com/index.html](http://www.hotairtours.com/index.html). Make this adventure even more exciting by visiting one or more of the 35 wineries in Temecula after your balloon ride. You can celebrate the **Harvest Celebration Barrel Tasting Weekend** on November 2-3, 2013, while you are touring the wineries. The winery website is [www.temeculawines.org](http://www.temeculawines.org). Both of these adventures are approximately 60 miles from Anaheim but will be worth the car rental since you can do both of them on the same day.

**Car Rental Suggestions** If you are interested in renting a car for a day or two while in Anaheim, Hertz has a counter located in the Anaheim Marriott. You can make a reservation onsite or in advance via Hertz's website. Other options for car rental nearby include Enterprise, located in the Anaheim Hilton across the street; Alamo, a block north of the hotel towards Disneyland; and Budget, located a couple of blocks south of the hotel.

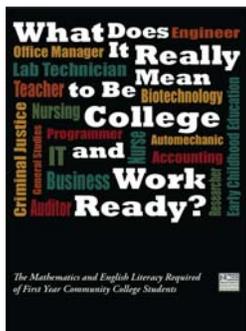
With so many things to do in the Anaheim area, we hope you will make your plans to attend the AMATYC conference and enjoy some local fun. We hope that this taste of Anaheim will leave you making plans to come back to Southern California as soon as you can.



Laguna Beach/Photo courtesy of AOCVCB

# Work AND College Ready

by Wade Ellis and Rob Kimball



On the day the National Center on Education and the Economy (NCEE) celebrated 25 years of service, it chose to release **What Does It Really Mean to Be College and Work Ready?**, a report on the Mathematics and English Literacy required of first year community college students. Whether or not you are surprised at what the research found, the results are an eye-opener and a warning on the condition of American Education.

**Disconnect** - The report details a disconnect between the mathematics required of first-year community college students and the mathematics those students are using in their core/major courses, especially in certificate and career focused programs. After examining syllabi, textbooks, and tests, the panel doing

the research found that very little mathematics was used in the core courses and what was used was not what was in the math course they were being required to take.

Mathematics faculty at community colleges should consider meeting with faculty who teach students in the majors the college offers. The discussions might provide direction on the most appropriate content for math courses their students are being required to take. The work that AMATYC and CRAFTY (MAA) did to revise college algebra is an example of how faculty from across disciplines can work together. It was obvious, from the CRAFTY reports, that not only did the content of "College Algebra" need to change, but the content must be taught in such a way that students learn it well enough (internalize it) to apply it in various contexts.

**Alignment** - A large number of high school graduates must take remedial mathematics before they can enroll in a mathematics course in college. Even though many more graduates are coming to college having taken Algebra II (the work of ACHIEVE), those students are not doing well enough on placement tests to enroll in a college-level math course.

The report examined the content in traditional high school courses and compared that to the mathematics that the majority of college students actually use in their major. The traditional high school curriculum, decades old and originally designed to prepare students for Calculus, does not prepare non-STEM students to use math as a tool in core courses or in today's technology-enhanced and data-filled workplace.

TYC faculty should examine the placement tests used at their school and insist that they be better aligned by identifying what the students know and need to know in relation to their intended major. This would necessarily lead to changes in remedial courses so that they aren't simply high school courses taught faster and louder, but courses/modules that quickly fill the gaps in mathematics students might have so they can enroll in and then succeed in courses in their major.



Marc Tucker, Phil Daro, and Catherine Snow at NCEE.

**"We're not saying to lower math standards, but we ought to require math that is appropriate for the direction students want to go in. Otherwise, we produce failure where no failure is necessary."**

**--Marc Tucker, president of NCEE**

**"It turns out that a large fraction of our high school graduates have a very shaky command of middle school math, while most of the math taught in our high schools is not needed at all in community college courses."**

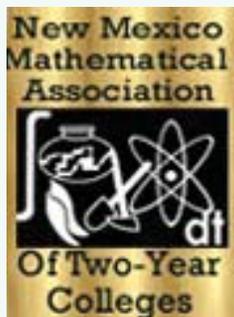
**--Phil Daro, co-chair of the study's Mathematics Committee**

A panel, consisting of faculty who worked on the mathematics panel for NCEE, will be convened at the 2013 AMATYC Conference (S115 on Friday at 10:20 am). We hope you will find time to attend and learn more about what the TYC community can and should do as a result of this enlightening research.

The report may be downloaded from [ncee.org/college-and-work-ready/](http://ncee.org/college-and-work-ready/).

# Focus on Affiliates: NMMATYC

by Philip Kaatz, President NMMATYC



NMMATYC (the New Mexico affiliate of AMATYC) was inaugurated on February 2, 1990, as a group of fifteen mathematics educators from across New Mexico met at Albuquerque TV-I (Technical Vocational-Institute - now Central New Mexico CC) to discuss establishing guidelines for affiliation with AMATYC. On April 6, 1990, the group met to edit the draft of NMMATYC's constitution and by-laws and to plan the charter conference. The group also adopted our logo, which was conceived by Sharon MacKendrick and designed by Robert Conine, an art instructor at NMSU Grants. The logo represents the mathematical process of integration, integrating the New Mexico cultures, the Spanish, Native American, farming, and scientific culture of our state over time. Later that year on September 14, 1990, the Chartering Conference was held at TV-I in Albuquerque. The theme was "Creative Solutions to Common Problems." The keynote speaker was Karl Smith, a past president of AMATYC.

NMMATYC has held a conference each year since then, with more than 100 mathematics faculty and students attending our most recent 24<sup>th</sup> annual conference at the New Mexico Institute of Technology in Socorro, NM, April 13-14, 2013. This was a joint conference with the Southwest section of the MAA. Our keynote speaker was Robert L. Devaney, Professor of Mathematics at Boston University and current MAA president. NMMATYC also awarded two student scholarships at the conference. The Michelle Jimenez memorial scholarship (awarded continuously since 1999) was presented to Ashley Cook of UNM-Valencia. The Vicky Froelich Memorial Scholarship was established in 2007 to support someone majoring in mathematics education. Vicky was a founding member of NMMATYC and lifelong mathematics educator. The recipient this year was Laralee Hansen of Doña Ana CC. Cash prizes and certificates were also given to the highest scoring students who participated in AMATYC's Student Mathematics League contests.

Brigitte Russell, Policy Director for the New Mexico Higher Education Department (NM HED) also addressed this year's conference attendees. New Mexico, like most states, places a large percentage (>50%) of incoming freshmen into developmental courses. The NM HED has charged colleges and universities from across the State to increase initiatives in developmental courses that shorten the time students spend in developmental studies. Several strategies are being considered by the various institutions throughout the state. All of the two- and four-year colleges and universities in New Mexico offer some combination of self-paced, hybrid, online, and traditional mathematics courses at both the developmental and non-developmental (credit) levels. Other initiatives under consideration include accelerated course offerings and short math "boot camps" for appropriately placed students that are likely to benefit from a one-to-two week review of a previous math course. El Paso CC in Texas (also a member of NMMATYC) has a pilot program to evaluate the Statway<sup>®</sup> and Quantway<sup>®</sup> developmental math programs.

More details of NMMATYC's current and past activities are available on our website [www.nm.matyc.org/](http://www.nm.matyc.org/). Also check the website for information regarding our conference in 2014, which will be held in May. Out-of-state attendees should consider if their preference is red or green (chili that is). Everyone is cordially invited to attend.

## *Congratulations to Greenville Technical College and AMATYC Corporate Partner, Hawkes Learning Systems*

A partnership between Greenville Technical College (GTC) and Hawkes Learning Systems took the spotlight earlier this month when GTC was presented the Bronze Award at the Learning Impact Awards hosted by the IMS Global Learning Consortium. According to a press release issued by the Consortium, the international contest finalists were judged "on their high impact use of technology to support and enhance teaching and learning." Evaluation criteria included the impact of technology on access, affordability, and quality of learning. The Developmental Mathematics department at GTC was deemed to have met and exceeded these standards in the three years since the implementation of the Hawkes software in the four-course developmental sequence where student success rates have increased by as much as 14.3 percent.

# Highlights of the 2013 AMATYC Spring Board Meeting

by Mary Beth Orrange, Board Secretary

The AMATYC Executive Board met at Southwest Tennessee CC in Memphis on April 5-7, 2013. Highlights of the meeting included:

- The resolution regarding Selling Textbooks was reaffirmed with reaffirm date of April 5, 2013.
- The renaming of the position statement currently titled *Teacher Qualifications for Developmental Mathematics* to *Professional Development for Teachers of Developmental Mathematics* was accepted as a minor revision.
- The Position Statement on the Initial Placement of Two-Year College Students Into the Mathematics Curriculum was reaffirmed.
- Darlene Winnington was appointed to her second term as Presider Chair effective 1/1/2014.
- The Innovative Teaching and Learning Committee (ITLC) was approved as sponsor of a second "Ignite Event" at the 39<sup>th</sup> Annual Conference in Anaheim 2013.
- A preliminary plan was adopted for the revision of *Beyond Crossroads*.
- Effective July 1, 2014, the annual membership dues for a regular AMATYC member will be \$85.00.
- AMATYC endorsed the New Mathways Project (NMP) summer institute planned by the Charles A. Dana Center to be held during the summer of 2013.
- The 2013 AMATYC election for the executive board will be held electronically, according to the same guidelines followed in 2011, managed by Ken Mead, Professor of Mathematics and Computer Science at Genesee CC, Batavia, NY.

Full minutes of the meeting may be found on the AMATYC website: [www.amatyc.org/documents/boardminutesandmotions.htm](http://www.amatyc.org/documents/boardminutesandmotions.htm).

# Mathematics Excellence Award

by Robert Farinelli

Honor a colleague through an AMATYC Mathematics Excellence Award nomination. The award recognizes educators who have made outstanding contributions to mathematics or mathematics education at the two-year college and is presented once every two years.

The Mathematics Excellence (ME) Award Committee will consider each of the nominations in accordance with the following criteria:

- National reputation
- Leadership and activities in professional organizations
- Professional talks and presentations
- Awards and grants received
- Publications
- Professional activities on a regional, state, and national scale
- Teaching expertise

A nomination consists of a résumé, not to exceed three pages, and three letters in support of the nomination, one of which is a letter of nomination. At least one of the three letters should be from outside the nominee's AMATYC region. Letters of support that elaborate on qualities described in the résumé or highlight additional exemplary characteristics of the nominee are more helpful to the committee than letters that reiterate items mentioned in the résumé. In an effort to compare all candidates on the same basis, any additional materials submitted will not be considered. Incomplete nominations will not be considered.

Frequently asked questions are addressed at [www.amatyc.org/awards/MathExcellence/](http://www.amatyc.org/awards/MathExcellence/) or for other questions, email Rob Farinelli, ME Committee Chair at [rfarinelli@csmd.edu](mailto:rfarinelli@csmd.edu)

**Nomination packets sent by email in a PDF file must be received by Friday, November 1, 2013.** Letters of nomination and support letters should be signed and on letterhead, when appropriate. **Email nomination packets to** Rob Farinelli, ME Committee Chair at [rfarinelli@csmd.edu](mailto:rfarinelli@csmd.edu).

## AMATYC Calendar of Events

Check the AMATYC website, [www.amatyc.org](http://www.amatyc.org), for information on conferences and meetings from other organizations.

September 28, 2013 WisMATYC Fall Conference, Waukesha County Technical College, Pewaukee, WI. Website: [www.wis.matyc.org](http://www.wis.matyc.org)

October 4-5, 2013 MichMATYC Fall Conference, Oakland CC - Orchard Ridge Campus, Farmington Hills, MI. Website: [bit.ly/MichMATYC13](http://bit.ly/MichMATYC13)

October 11, 2013 ArizMATYC Conference, Northland Pioneer College, Show Low, AZ. Website: [www.arizmatyc.org](http://www.arizmatyc.org)

October 11, 2013 IMATYC Conference, North Iowa Area CC, Mason City, IA. Website: [www.imatyc.org](http://www.imatyc.org)

October 31- November 3, 2013 39<sup>th</sup> Annual AMATYC Conference, Anaheim, CA. Contact: AMATYC Office, [amatyc@amatyc.org](mailto:amatyc@amatyc.org)

December 13-14, 2013 CMC<sup>3</sup> 41<sup>st</sup> Annual Conference, Hyatt Regency Hotel and Spa, Monterey, CA. Website: [www.cmc3.org](http://www.cmc3.org)

April 4-6, 2014 47<sup>th</sup> NYSMATYC Annual Conference, Treadway Inn, Owego, NY. Website: [www.nysmatyc.org](http://www.nysmatyc.org)

April 25-26, 2014 CMC<sup>3</sup> 18<sup>th</sup> Annual Recreational Mathematics Conference, MontBleu Resort Casino and Spa, South Lake Tahoe, NV. Website: [www.cmc3.org](http://www.cmc3.org)

May 8-10, 2014 Washington Community College Math Conference, Wenatchee, WA. Website: [www.wamatyc.info](http://www.wamatyc.info)

A form is available at [www.amatyc.org/affiliates/affiliates-conferences.htm](http://www.amatyc.org/affiliates/affiliates-conferences.htm) to update or add affiliate conference information.

# Committee Reports

## Division/Department

### Issues Committee

by Sean Simpson, Committee Chair

The Division/Department Issues Committee (DDIC) responds to issues regarding department chairs, adjunct faculty, qualifications, mentoring of faculty, diversity and international mathematics education.

The adjunct subcommittee has started working on a revision of the Working Conditions of Adjunct Faculty position statement. If you would like to participate, please contact Sean Simpson, chair of DDIC.

We do have something for everyone to look forward to - the committee hopes to hold a webinar this fall focusing on obtaining a full-time job at a community college. Look for announcements to come, and be sure to pass it along to interested folks!

We hope to see many of you in Anaheim. Like previous years, we will have our annual face-to-face committee meeting. We also will have our annual Department/Division Chairs' Colloquium. This year, it will be hosted by Christine Mirbaha and Sean Simpson.

You may have also heard that a special issue of *MathAMATYC Educator* is being planned with the focus on international mathematics education. The International Education subcommittee of DDIC is very excited about it! For more information please see the article "MathAMATYC Educator: Call for Articles" on page 11; full details are available at [www.amatyc.org](http://www.amatyc.org).

For those that are unable to attend the annual conference, you can still be a part of the committee! We do some of our work on position statements via e-mail (not just the position statement mentioned earlier), and you are invited to participate. For more information on this, or about the committee in general, please contact the committee chair, Sean Simpson, at [Sean.Simpson@sunywcc.edu](mailto:Sean.Simpson@sunywcc.edu).

## Student Mathematics League

by Susan R. Strickland, Student Mathematics League Coordinator

Both rounds of the Student Mathematics League (SML) competition have been completed and the final results are in:

### Final Team Results

1. West Valley College, CA
2. East Los Angeles College, CA
3. Schoolcraft College, MI
4. Los Angeles City College, CA
5. (tie) De Anza College, CA  
El Camino College, CA
7. Highline CC, WA
8. Santa Monica College, CA
9. Ohlone College, CA
10. Brookdale CC, NJ

### Final Individual Results

1. Steven Hao, West Valley College, CA
2. Hyunwoo Kim, Highline CC, WA
3. Haiguang Du, Northern Virginia CC, VA
4. JiaMing Chen, East Los Angeles College, CA
5. Daniel Calzada, Harper College, IL
6. (tie) Rohit Bhandange, Schoolcraft College, MI  
Tony Jiang, West Valley College, CA  
Edgar Hu, Oakland CC, MI
9. Patrick Chong, Los Angeles City College, CA
10. Karen Ouyang, West Valley College, CA

### Top Schools and Individuals by Region

1. Northeast - Springfield Technical CC (MA)  
Seong Ham (Queensborough CC, NY)
2. Mid-Atlantic - Brookdale CC (NJ)  
Haiguang Du (Northern Virginia CC, VA)
3. Southeast - Catawba Valley CC (NC)  
Geoffrey Zheng (Indian River State College, FL)
4. Midwest - Schoolcraft College (MI)  
Daniel Calzada (Harper College, IL)
5. Central - Normandale CC (MN)  
Paolo Castelo Bringas (North Hennepin CC, MN)
6. Southwest - Austin CC (TX)  
Caleb Miller (Austin CC, TX)
7. Northwest - Highline CC (WA)  
Hyunwoo Kim (Highline CC, WA)
8. West - West Valley College (CA)  
Steven Hao (West Valley College, CA)

Very grateful thanks to all of the moderators who give the exams, grade them, record them, and send them in.

If your school does not currently participate in the SML, please consider registering for next year's competition. You can read about the SML on the webpage at [www.amatyc.org/SML](http://www.amatyc.org/SML) or email [susanst@csmd.edu](mailto:susanst@csmd.edu) with any questions. The dates for next year's competition are Friday, October 18 through Saturday, November 9 for Round 1 (this is a wider testing window due to the change in dates for the annual conference) and Friday, February 14 through Saturday, March 8, 2014, for Round 2. Don't forget to register your school for next year's competition at [www.amatyc.org](http://www.amatyc.org).

Many traditional two-year institutions have begun to offer four-year programs and degrees. Depending on those programs, a school may or may not be eligible to participate in the SML competitions. If an institution offering four-year programs would like to participate, a committee has been formed which will review the programs offered at the school and make a determination as to their eligibility for participation in the SML. Any such college may request a review by sending an email to the SML Coordinator, Susan Strickland, at [sml@amatyc.org](mailto:sml@amatyc.org).

See you in Anaheim! Bring your calculator to participate in the ultra competitive Faculty Mathematics League Contest Friday, November 1, at 3:10 pm.

## 2013 U.S.A. Mathematical Olympiad

by Jim Roznowski AMATYC President

A reception and dinner was held on June 3, 2013, at the U.S. State Department in Washington, DC, to recognize the winners of the 2013 U.S.A. Mathematical Olympiad (USAMO). Again this year, AMATYC was a Supporter of the USAMO and was represented at the event by President Jim Roznowski and Past President Rob Farinelli. AMATYC SML Test Developer, Steve Blasberg also attended in his role as Chair of the Subcommittee of the Committee on the American Mathematics Competitions on the United States Math Olympiad.

The 2013 Mathematical Olympians are:

- Calvin Deng, North Carolina School of Science and Mathematics, Durham, NC;
- Andrew He, Monta Vista High School, Cupertino, CA;
- Ravi Jagadeesan, Phillips Exeter Academy, Exeter, NH;
- Pakawut Jiradilok, Phillips Exeter Academy, Exeter, NH;
- Kevin Li, West Windsor-Plainsboro High School South, Princeton Junction, NJ;
- Ray Li, Phillips Exeter Academy, Exeter, NH;
- Mark Sellke, William Henry Harrison High School, West Lafayette, IN;
- Robert (Bobby) Shen, Dulles High School, Sugar Land, TX;
- Zhuo Qun (Alex) Song, Phillips Exeter Academy, Exeter, NH;
- David Stoner, South Aiken High School, Aiken, SC;
- Thomas Swayze, Canyon Crest Academy, San Diego, CA;
- Victor Wang, Landue Horton Watkins High School, St. Louis, MO.



Front row: Andrew He, Ravi Jagadeesan, Robert Shen, Ray Li, Kevin Li, Alex Song  
Back Row: Thomas Swayze, Calvin Deng, Victor Wang, Pakawat Jiradilok, Mark Sellke, David Stoner, and AMATYC President Jim Roznowski

## Professional Development Update

by Jon Oaks, Professional Development Coordinator

AMATYC's Spring 2013 Webinar Series included Michelle Everson presenting on "Teaching Statistics in the Online World" and Rob Knight presenting on "MyMathText." Remember, if you ever miss a webinar, they are always available on demand at [www.amatyc.org](http://www.amatyc.org). The website is also a good place to visit to watch a webinar to see if it is something that you would find useful to participate in live. As a reminder, anyone who attends a webinar live has the option to receive a certificate of attendance that can be used to fulfill any professional development requirements that your college may have.

We are currently planning our webinar series for fall 2013 and are looking for additional topics and presenters. If you have a topic that you would like to see in an upcoming webinar, or if you are interested in being a presenter for an upcoming webinar, please contact one of the AMATYC committee chairs. Their contact information is listed on the AMATYC website.

If you have a new idea for professional development, please feel free to contact me directly at [oaksj@macomb.edu](mailto:oaksj@macomb.edu). We are always looking to expand our offerings to better serve you and your needs.

# AMATYC Election

## Info About Electronic Voting

by Robert Farinelli

Regular (voting) members will be sent an email on September 1 with the link to “register” to vote and to view the ballot for the election of AMATYC Officers for the 2014-2015 Executive Board. All active regular and life members as of May 31, 2013, are eligible to vote.

Only one email address will be active for the voting process. To be sure that your primary email address is correct in the AMATYC database, please contact the AMATYC Office at 901.333.6243.

Electronic ballots for each AMATYC region will ask you to vote for one of the candidates for each office: President-Elect, Secretary, and Vice President for your region. Electronic ballots must be cast between September 15, 2013, and September 30, 2013. Your vote is important, and AMATYC is counting on you to cast your vote so please take time to vote for those who will lead AMATYC for the next two years.

Officers will be announced by an email to all AMATYC members and at the 2013 AMATYC Annual Conference in Anaheim, CA. Each officer takes office on January 1, 2014.

Questions about your membership status or voting eligibility should be directed to the AMATYC Office by email at [amatyc@amatyc.org](mailto:amatyc@amatyc.org), or by phone (901.333.6243). If you are eligible to vote and do not receive your electronic ballot by September 15, please contact the AMATYC Office.

### 2014-2015 AMATYC Board Election Slate

#### President-Elect

Jane D. Tanner, Onondaga CC (NY)

#### Secretary

Mary Beth Orrange, Erie CC (NY)

#### Northeast Vice President

Jodi Cotten, Westchester CC (NY)

Ernie Danforth, Corning CC (NY)

Steve Krevisky, Middlesex CC (CT)

#### Mid-Atlantic Vice President

Chris Allgyer, Mountain Empire CC (VA)

Dan Fahringer, Harrisburg Area CC (PA)

#### Southeast Vice President

Nancy J. Rivers, Wake Technical CC (NC)

#### Midwest Vice President

James Ham, Delta College (MI)

Keven Hansen, Southwestern Illinois College (IL)

#### Central Vice President

Dale Johanson, Northeast CC (NE)

Nicole Lang, North Hennepin CC (MN)

#### Southwest Vice President

Raja Nicolas Khoury, Collin College (TX)

Kathryn (Kate) Kozak, Coconino CC (AZ)

#### Northwest Vice President

Liz Hylton, Clatsop CC (OR)

Ann Sitomer, Portland CC (OR)

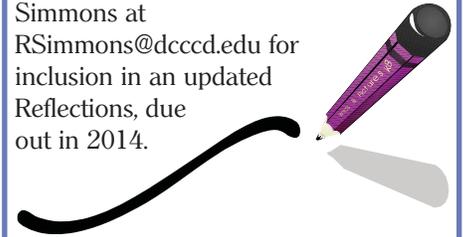
#### West Vice President

Mark Harbison, Sacramento City College (CA)

## What Does AMATYC Mean to You?

Don't miss the November 15, 2013, deadline to be a part of AMATYC history! AMATYC is celebrating its 40<sup>th</sup> Anniversary!

Remember that special session you attended at an AMATYC conference one year and it changed the way you taught? Remember a fun evening out to dinner in a new city with new friends you met at a conference? Remember that week-long summer institute where you learned new things, saw a great part of the country, and met new friends? Send your reminiscences to Russell Simmons at [RSimmons@dcccd.edu](mailto:RSimmons@dcccd.edu) for inclusion in an updated Reflections, due out in 2014.



The *AMATYC News* is the official newsletter of the American Mathematical Association of Two-Year Colleges and is published four times per year in January, April, August, and October. Your articles, announcements, comments, and letters to the Editor are welcome. Submit all materials by November 27, March 1, June 1, and August 15 for the respective issues.

#### Address changes should be sent to:

**AMATYC Office**  
Southwest Tennessee CC  
5983 Macon Cove  
Memphis, TN 38134  
Phone 901.333.6243 Fax 901.333.6251  
[amatyc@amatyc.org](mailto:amatyc@amatyc.org)

#### All other correspondence should be directed to:

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Phone 252.493.7273 Fax 252.321.4349  
[AMATYCNews@amatyc.org](mailto:AMATYCNews@amatyc.org)

# MathAMATYC Educator: Call for Articles

by David Tannor, Editor *MathAMATYC Educator*

Dear Colleagues:

I would like to invite you to submit an article for possible inclusion in a forthcoming special issue, *International Mathematics*, of the *MathAMATYC Educator*. This issue will focus on best practices in international mathematics education, their use, and implication for two-year colleges. Articles for this special focus will address issues pertinent to, but not limited to, the following topics:

- Applications of the principles of AMATYC's *Beyond Crossroads* in the classroom
- Developmental mathematics
- Mathematics for AAS programs
- Teacher preparation
- Statistics
- Innovative instruction and practices including the use of technology in the classroom
- Mathematics content of the two-year college curriculum
- Research in mathematics education in the two-year college classroom
- Equal opportunity in mathematics
- Mathematics history

Kindly consider submitting an article, or share this information with your colleagues. Deadline for submission is December 1, 2013. Articles can be submitted at [www.amatyc.org/publications/mathamatyceducator/index.html](http://www.amatyc.org/publications/mathamatyceducator/index.html). At this website, please take some time to have a look at our publication guidelines.

For more information, please contact David Tannor at the following address:

David Tannor  
Department of Mathematics  
Muskegon CC  
221 S. Quarterline Road  
Muskegon, MI, 49442  
Email: [David.Tannor@muskegoncc.edu](mailto:David.Tannor@muskegoncc.edu)  
Phone: (231)-777-0609

## Future AMATYC Conferences

2013	Anaheim, CA	October 31-November 3
2014	Nashville, TN	November 13-16
2015	New Orleans, LA	November 19-22
2016	Denver, CO	November 17-20
2017	San Diego, CA	November 9-12
2018	Orlando, FL	November 15-18

For additional information, contact the AMATYC Office at [amatyc@amatyc.org](mailto:amatyc@amatyc.org) or 901.333.6243.

## ➤ Highlights, Continued from 1

Regional meetings again occur mid-day Friday, with lunch served at noon, and the meetings held from 12:15 - 1:30 pm. Friday evening the second AMATYC Ignite Event, sponsored by the Innovative Teaching and Learning Committee (ITLC), gives you the opportunity to use 20 slides in 5 minutes to present your idea. Check out [www.igniteshow.com](http://www.igniteshow.com) to see how to enlighten your colleagues quickly and learn from others in a short amount of time.

Additional outstanding conference events include:

- "Five Minutes to a More Satisfying Course" by invited speaker Pat McKeague, Thursday at 1:50 pm;
- "Teaching as a Lever for Change in Developmental Mathematics" by invited speaker, Jim Stigler, Friday at 9:10 am;
- "Reengaging Students: A Look Inside One Formative Assessment Strategy" by Valerie Mills, President of the National Council of Supervisors of Mathematics, Friday at 10:20 am;
- "Chaos Games and Fractal Movies" by Robert L. Devaney, President of the Mathematical Association of America, Saturday at 10:45 am;
- "Is the Association for Women in Mathematics Still Relevant?" by Magnhild Lien, President of the Association for Women in Mathematics, Saturday at 1:15 pm;
- Themed Session "Teaching and Learning in Precalculus, Calculus, and Beyond," Thursday at 9:10 am;
- Themed Session "Having Fun Engaging Future Teachers in Mathematical Thinking," Thursday at 9:10 am;
- Themed Session "Pathways to Success in Teaching and Learning Statistics," Friday at 9:10 am;
- Poster session with great ideas for the classroom and beyond, Friday 2:00 - 4:00 pm, with browsing from 11:00 am - 6:00 pm;
- Department/Division Chairs Colloquium, Thursday at 12:40 pm;
- Faculty Math League Contest, Friday at 3:10 pm;
- Affiliate Sharing Session, Saturday at 10:45 am;
- Meetings for each of the AMATYC Academic committees; check the conference program for specific times;
- Grand Opening of the Exhibits Thursday at 4:30 pm, with dedicated times on Friday and Saturday to visit with representatives from all your favorite publishing companies eager to share materials designed to help your students succeed;
- Commercial presentations each day highlighting the latest technological tools, and product presentations in the Exhibit Hall on Friday.

Daniela Zemanek, Editor  
AMATYC News  
Southwest Tennessee CC  
5983 Macon Cove  
Memphis, TN 38134

## Notes and Reminders!

2013 Annual Conference in Anaheim  
Discount Registration Deadline  
**Postmark by September 30, 2013**  
**Online or Fax by October 7, 2013**

Call for Articles for the International  
Mathematics edition of the  
*MathAMATYC Educator*  
Deadline: **November 1, 2013**

Call for Nominations for the 2014  
Mathematics Excellence Award  
Deadline: **November 1, 2013**

Be a part of  
AMATYC's 40<sup>th</sup> anniversary –  
submit a special AMATYC memory  
Deadline: **November 15, 2013**

**For more information visit [www.amatyc.org](http://www.amatyc.org)**

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