As our society continues to change and evolve, so must our approach to teaching mathematics in the first two years of college. By building upon the historic standards documents *Crossroads in Mathematics: Standards for Introductory College Mathematics Before Calculus* published in 1995, and *Beyond Crossroads: Implementing Mathematics Standards in the First Two Years of College* published in 2006, AMATYC continues its legacy and leadership within the professional mathematics community with the release of AMATYC IMPACT. This document introduces no new standards, but rather describes how to make an impact on today's students and our work environment. The Standards for Intellectual Development, Content, and Pedagogy introduced in *Crossroads*, together with the Implementation Standards of Student Learning and the Learning Environment, Assessment of Student Learning, Curriculum and Program Development, Instruction, and Professionalism presented in *Beyond Crossroads* form a solid foundation for the introduction of the four pillars of PROWESS in AMATYC IMPACT.

The word "PROWESS" references extraordinary ability as well as distinguished bravery, both of which are essential outcomes for students studying mathematics in the first two years of college. AMATYC has created four pillars of PROWESS as an innovative way to enhance college teaching in the first two years of college. These pillars are:

- **PR** proficiency
- **OW** ownership
- **E** engagement
- **SS** student success

AMATYC seeks to provide guidelines to inspire and challenge YOU and other stakeholders to take action to develop PROWESS in students. Every component in mathematics education, instruction, curricula, assessment, as well as those who make decisions about the components, faculty, departments, institutions, policy makers, should be focused on PROWESS. The IMPACT will be a ripple effect of change in mathematics classrooms in the first two years of college across the nation. Whether you are a faculty member, an administrator, or a policymaker, you can have an IMPACT on student success in the first two years of college mathematics for thousands of students.

The AMATYC IMPACT Steering Committee will be seeking your input as the final edits are made in the document. You received an email detailing the directions on how to access the draft of the document and how to provide feedback.

It’s Bound to be a “Prime Time”

by Tammi Marshall, San Diego Local Events Coordinator, (LEC)

It is just a few weeks until the 43rd Annual Conference in San Diego and we are so excited for all of you who will be attending! The conference is sure to be among the best. Not to mention that the weather is outstanding, the average temperature is 70 degrees in November. In addition to the many incredible sessions you can attend, there are plenty of activities in San Diego to keep you active. You won’t believe the diversity in the numerous beaches as well as the beauty in the cliffs surrounding the beaches. Will you be bringing the family? Visit Sea World, the Midway, Legoland, Belmont Park, or the San Diego Zoo, which is known as one of the finest in the world. In addition to being beautiful, downtown San Diego has much to offer as well. There is shopping, plenty of eateries, and harbor cruises just to name a few things.

Stop by the Hospitality Room to get some ideas for restaurants or our favorite staycation activities. In addition, wellness activities will be offered throughout the conference such as guided walks, yoga, dance or Pilates classes, and maybe some Frisbee, volleyball or badminton games on the lawn outside.

The LEC looks forward to seeing you in San Diego for one of America’s best conferences!
President’s Message

“How Did It Get So Late So Soon?”
– Dr. Seuss

Jane Tanner
Onondaga CC • Syracuse, NY

These words sum up my feelings as I write my last President’s Message. It is hard to believe that my two years as AMATYC president are coming to a close. It should be noted that AMATYC has a team of hard-working volunteers who are all truly dedicated to AMATYC’s mission “to provide high quality professional development, to advocate and collaborate at all levels, and to build communities of learners for all involved in mathematics education in the first two years of college.” It has been an honor to represent AMATYC as president knowing that there are nearly 150 people behind the scenes who make our organization look good.

In view of this, I would like to give a state of the organization update by elaborating upon some major initiatives that were achieved during the past two years.

• The AMATYC Board has consciously emphasized that AMATYC is a great organization for anyone who teaches mathematics during the first two years of college, including those who teach in four-year colleges and universities. AMATYC’s relevance is not limited to two-year colleges. After all, don’t we all teach calculus?

• President-Elect Jim Ham led the board and other AMATYC members with focus groups and input forums to update our strategic plan. Our Strategic Plan for 2018-2023 was approved by the AMATYC Board at the 2017 Spring Board Meeting and can be found at www.amatyc.org/StrategicPlan.

• Past President Nancy Sattler and Mary Beth Orrange led a steering committee and a team of writers and reviewers who have been working on updating our Crossroads and Beyond Crossroads standards documents. This has been a major undertaking and you will want to attend a forum at the conference in San Diego to find out about AMATYC IMPACT: Improving Mathematical Prowess And College Teaching. This new document will be considered for approval at the Delegate Assembly in San Diego.

• There has been continued collaboration with AMATYC and our sister organizations (see page 7 for our sister organizations page). There has also been increased AMATYC representation in Transforming Post-Secondary Education in Mathematics, and advisory boards for Carnegie Foundation for the Advancement in Teaching and the Dana Center.

• There has been a lot of activity in the area of grants. John Pazdar and Dennis Ebersole, our past and current Grants Coordinators, have been very proactive about seeking funding opportunities. I am pleased to announce that Megan Breit-Goodwin has been awarded a three-year grant of $305,110 by the National Science Foundation for the support of the project titled Scholarly Leaders Originating as Practicing Educators in Two-Year College Mathematics (Project SLOPE) NSF DUE/USE #1726891. Project SLOPE began on August 15, 2017, and will end on July 31, 2020.

• Your AMATYC volunteers have been very creative during the past two years. You will notice new things at the conference in San Diego, such as Chat & Chew and Camps & Clubs. Also, in addition to AMATYC’s Facebook page, each regional vice president has set up a regional page to increase communication throughout their region.

I am ending my tenth year on the AMATYC board. When I became the Northeast Vice President in 2007, I did not aspire to the office of AMATYC President. But as the years passed, I realized that I was not ready to leave the board, and the way to continue was to serve in the presidential positions. This is a decision that I do not regret as I have had the love and support of my AMATYC family. I have never worked so hard but it was truly a labor of love. It will be bittersweet to pass the gavel to President-Elect Jim Ham, but I’m confident that he will do an amazing job as President, and I will be there to support him and the new ideas he will bring.

Finally, I leave you with these words from the theme song from Cheers.

“Making your way in the world today takes everything you’ve got.
Taking a break from all your worries, sure would help a lot.
Wouldn’t you like to get away?
Sometimes you want to go
Where everybody knows your name, and they’re always glad you came.
You wanna be where you can see,
our troubles are all the same
You wanna be where everybody knows your name.
You wanna go where people know, people are all the same.
You wanna go where everybody knows your name.”

I know your name, and hope to see you in San Diego for the AMATYC Conference, November 9-12!

Postscript: Two weeks after I wrote this article, AMATYC Executive Director Wanda Garner was admitted to the emergency room with a small medical issue. Unfortunately, complications arose and she passed away on August 31. Our AMATYC family will be missing Wanda in San Diego, the first conference that she has missed in well over 30 years. During my tenure as President, I often asked for advice and feedback from Wanda. In fact she had edited this article for me. In these two years we became good friends, and I learned about her wisdom about business and people. She helped make my tenure in this challenging position much easier and more enjoyable. I was looking forward to our continued friendship, and will miss her terribly. Please read Phil Mahler’s tribute to Wanda on page 3.
In Memory of
Wanda L. Garner

by Philip Mahler

As President Tanner notes in her message, Wanda Garner passed away August 31, 2017. Wanda was AMATYC president when I came on the AMATYC Executive Board in 1997 as a regional vice president. I remember a very capable, affable, leader, who made being on the Board enjoyable. She laughed at my jokes, so of course I liked her, and an acquaintanceship developed into a friendship over her and my AMATYC careers. She pressured me to run for President, which I did. I recently told her I still held it against her ... then added that it was a professional opportunity of a lifetime for which I have always been grateful. She changed my life.

Wanda had three main facets to her life, that I saw. Her profession as an educator, her friends and family, and AMATYC.

She loved being a mathematics educator, which she did starting at Sheridan College in Wyoming, then at Colorado Technical College, and eventually settling in Aptos, CA, at Cabrillo College for a long career there. She retired last year as their Dean of Natural and Applied Sciences. I know she was greatly respected and loved there, where she was a 24/7 asset to the college.

Her second facet was friends and family. Wanda had wonderful, loyal friends at Cabrillo and outside of it – she mentioned them often to me in our email correspondence, and when I saw her at conferences or when she was visiting. She truly loved her family, which in a real way extended to the cats she kept.

AMATYC was that third facet. She was an active AMATYC contributor since 1981. By 1985 she was a regional vice president, and in fact Wanda was a VP for two of AMATYC’s regions. In 1991 she became AMATYC Secretary and in 1993 became President-Elect. Wanda helped write AMATYC’s first mission statement, and served on the steering committee for AMATYC’s signature Crossroads document. She served as Conference Program Director from 2002-2012 and became AMATYC’s first Executive Director in 2014.

At the 2016 AMATYC Annual conference in Denver, Wanda was awarded the AMATYC Herb Gross Presidential Award. In the January 2017 issue of the News, it was reported “Wanda’s knowledge of all things AMATYC is a strong asset that has proven to be invaluable to the Executive Board and to the President. Wanda has been and continues to be instrumental as a resource for the AMATYC leadership, giving of her time to further AMATYC’s mission as well as increasing our visibility in the mathematics community.”

Those who knew Wanda know what a loss this is for AMATYC and, more importantly, on a personal basis. So many knew her, respected her, cared about her, loved her. For many, as for AMATYC, things will not be the same – and that is a tribute to her and legacy of a wonderful human being.

Cheryl Cleaves will serve as Interim Executive Director until a search can be conducted. Cheryl’s service to AMATYC compares or exceeds that of Wanda’s, and includes working with her as colleague and friend for many years. So it is more than fitting to include Cheryl’s words here. “There is no way to adequately express our loss. Wanda gave so much and our only way to repay her now is to pass her giving spirit forward. Wanda, we love you, we miss you, and following the influence you have made on each of us, we will strive to make you proud.”

Collaboration Corner

AMATYC and the American Statistical Association (ASA) have a joint committee with the following charges:

• To improve the quality of statistics education in two-year colleges by planning workshops, conference presentations, and other effective forms of professional development for two-year college statistics instructors.
• To promote consistency and transferability between statistics courses offered at two-year and four-year colleges.
• To communicate with two and four-year colleges relative to the statistical preparation of elementary and secondary teachers.
• To communicate with K-12 mathematics educators to address the effect of pre-college statistical education on statistics courses taught in two-year colleges.

• To ensure ongoing communication between AMATYC and the ASA with the objective of identifying changing trends in undergraduate statistics education.

AMATYC’s Mary Dehart will chair this committee starting January, 2018.

Another collaboration with ASA (and the Mathematical Association of America) is StatPREP. Support for this program is provided by the National Science Foundation (grant DUE-1626337). This collaboration fosters the widespread use of data-centered methods and pedagogies in introductory statistics courses. AMATYC’s Southwest Vice President Kate Kozak is on the leadership team.
What’s New in San Diego?
by Honey Kirk, AMATYC Assistant Conference Coordinator

Begin the 2017 AMATYC Annual Conference on Thursday morning at 8:00 am attending the new Chat & Chew. This is an opportunity to choose from 22 table discussions while enjoying a complimentary pastry from AMATYC Corporate Partners, Hawkes Learning and McGraw-Hill Education. Facilitators will lead 15-minute discussions on varied topics so participants can join several discussions during the hour.

Thursday afternoon at 1:50 pm is the time for the new Camps & Clubs Showcase. This is the opportunity to find out what colleagues have been doing with math clubs or camps for their students or communities. Come talk with one or several groups during this 50-minute time slot.

Meet the AMATYC Exhibitors!
by Jay Martin, AMATYC Exhibits Chair

The 2017 AMATYC Conference is your best opportunity to meet all the company representatives that supply all the great resources that we use every day. Come see all the new products and services that exhibitors highlight at the conference. You will even have the chance to purchase an early Christmas present from some of the vendors this year. While product presentations in the exhibit hall have been discontinued, there are still many commercial presentations being conducted by Hawkes Learning, McGraw-Hill, Pearson Education, Cengage, Maplesoft, and Lumen Learning. You will not want to miss the grand opening of the exhibit hall on Thursday at 4:30! Get an early start at completing your scavenger hunt entry ticket to increase your probability of winning one of the exhibitor donated prizes.

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It’s a Prime Time for Posters
by Honey Kirk, AMATYC Assistant Conference Coordinator

This year’s Poster Session will be held Friday, November 10 from 1:45-3:45 pm. There will be 48 posters on display this year which sadly, is not a prime number. But WAIT! There are 19 posters presented by AMATYC project ACCCESS fellows and 29 posters presented by other AMATYC members. YES, both prime numbers. Hooray. Browsing hours begin at 11:00 am, but the presenters will only be in attendance during the scheduled session.

Presiders needed!

Presiders are still needed to assist with the San Diego conference. Please consider volunteering and sign up at www.amatyc.org. Scroll down the home page to find a link to the presider site! At the closing session in San Diego a presider’s name will be drawn. This lucky person, who does not need to be present at the drawing, will receive two complimentary nights at Disney’s Coronado Springs Resort, the site of the 2018 conference.

San Diego Conference App!
by Keven Dockter, Conference Coordinator

AMATYC is again happy to provide access to the conference program and other events through this year’s app. Attendees are strongly encouraged to download the mobile guide to enhance their experience at the 43rd Annual AMATYC Conference. Guidebook will be used again so those who already have it on their device can just download the guide.

The Guidebook app continues to improve and is a user-friendly app that will allow the attendee to view the complete conference schedule, create their own personal schedule, check out who is exhibiting and where they are located, view maps of the conference facilities, and much more. You will be able to access Twitter and tweet about the conference (#amatyc), view information about local restaurants, or collectively create a photo album with other conference attendees. You will be able to search for sessions based upon the speaker and take notes on any session directly on your device! This year all the session evaluations will be done on the app. When you get onsite be sure to check in under the Attendees button. This will allow you to see who else has checked in and connect with other attendees. Once again the very popular Interact option will be available. This Facebook like interaction can be used before, during, and after the conference to stay in touch with each other.

The app is compatible with iPhones and Android devices. Conference attendees without a smart phone, can access the same information once the app is published at https://guidebook.com/guide/86277. To download this free app, navigate to AMATYC’s landing page, https://guidebook.com/g/amatyc2017, and follow the directions. Alternatively, you can download Guidebook at the Apple App Store or Google Play or visit https://guidebook.com/getit on your device.

Once you have downloaded the Guidebook app you will need to search for AMATYC. Remember that the app is not accessible until it is published. While you can download Guidebook at any time, the app for the San Diego Conference will be available on November 1. At that time, you will receive an email with these same instructions or simply scan this QR code with the guidebook scanner to download the conference app!

Have a Prime Time!
**Conference News**

**The Main Attraction: Call for Presenters and Presiders**

2018 AMATYC Annual Conference in Orlando

Orlando, November 15 - 18, 2018, is the site for a new AMATYC attraction! In addition to the 50-minute sessions and the 2-hour workshops, you may choose to submit a request for a 25-minute mini session. In the first 25 minutes, speaker A will present his or her idea and then speaker B will present. The two speakers will be paired because of a common focus key or emphasis in their presentation, but they are not required to work together.

The Chat & Chew submission is for one facilitator and the 25-minute mini session is for a single presenter. The 50-minute session and the 2-hour workshop may have up to four presenters. With multiple presenters, the first person listed becomes the official AMATYC contact and will receive all correspondence regarding the proposal and is expected to keep the co-presenter(s) informed. AMATYC reserves the right to offer a different presentation format than the one selected in this submission process.

All speakers are expected to register for the conference and participate in the presentation. No honoraria or reduced registration fees are given to those selected for the conference program.

Presentations must not focus on, promote, or endorse a commercially available product.

Each proposal successfully submitted is acknowledged by an email receipt. If you do not receive an email receipt within three business days after submission, please contact the AMATYC Office immediately. Letters of invitation to present at the conference are issued in April.

At the same website, you may also volunteer to be a presider for a session. Presiders check that requested equipment is present, make sure the session begins and ends on time, introduce the speaker(s), and help the speaker(s) as needed. They also provide instructions to attendees about evaluating the session and ensure the report of valuable information to the Conference Committee for planning future conferences.

Make sure to observe the deadline and submit your proposal by February 1, 2018. Late or incomplete proposals will not be accepted.

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**Exciting New Opportunity:**

**AMATYC Student Research League**

by Karen Gaines, Coordinator

AMATYC has created a new competition to complement the highly successful Student Mathematics League.

This new competition, Student Research League (SRL), is a nine-day event in which a single student or a team of two students seek(s) to find a solution to an open-ended Challenge Problem. The process involves researching the problem, collecting data, and determining mathematical characteristics to solve the problem. Students will also be required to perform research on STEM individuals who are tied to the field or theme of the Challenge Problem. Students enrolled in a four-year institution or in high school at the time of the competition or who have earned a two-year degree (or higher) or if s/he has achieved junior standing (or higher) at a four-year institution are not eligible. Each team must have a faculty mentor from their college.

**Competition Dates:** The competition will be held each spring. For 2018 the competition will be April 7-15. Registration will begin on January 1, 2018.

**Prizes:** A scholarship of $750 for each student on the grand prize team.

It is not too early to start encouraging your students in Pre-Calculus or higher to participate in this exciting new opportunity!

For more detailed information, visit the Student Research League webpages on the AMATYC website. Questions may be directed to Karen Gaines, SRL Coordinator, at kgaines@stlcc.edu.
Highlights of the 2017 AMATYC Board Summer Conference Call
by Michelle Duda, Board Secretary

The AMATYC Executive Board held the annual Summer Conference Call on July 20, 2017. Highlights of the meeting included:

- The Board allocated $16,000 for AMATYC-sponsored Traveling Workshops – four for 2018 and four for 2019.
- Negotiations for the site of the 2023 AMATYC Annual Conference were ranked as follows: Omaha, NE; Cleveland, OH; and Columbus, OH.
- The Board approved an Associate Membership drive pilot during the MAA MathFest 2017 in Chicago, IL July 26 – 29, focused on graduate students. Graduate students who visited the AMATYC exhibit booth during MathFest 2017 were offered a complimentary one-year Associate Membership effective upon receipt of a completed membership form.

The following appointments and reappointments were approved:

- Academic Committee Chairs: Julie Hanson, Statistics; Paula Wilhite, Developmental Mathematics; Ann Sitomer, RMETYC; Dan Petrak, Innovative Teaching and Learning; Behnaz Rouhani, Placement and Assessment; Stefan Baratto, Mathematics and its Applications for Careers; Scott Peterson, Mathematics Intensive Committee; Mark Kuhlman, Teacher Preparation
- ANet Leaders: Judy King, Adjunct Faculty Issues; Fary Sami, Mathematics for Liberal Arts; Steve Krevisky, International Mathematics; Christine Mirbaha, Division/Department Leadership
- Student Research League: Karen Gaines, Coordinator; Holly Ashton, Thesis Defense Coordinator; John Pazdar, Development Coordinator; Patricia Hirschy, Evaluation Coordinator
- Nathalie Vega-Rhodes as the Advertising Chair
- George Hurlburt as the Website Coordinator
- Scott Barnett as the Midwest Representative to the Student Math League Test Development Team
- Mary DeHart as member and chair of the AMATYC/ASA Joint Statistics Committee

Full minutes of the meeting may be found on the AMATYC website: www.amatyc.org/BoardMinutesMotions.

AMATYC Traveling Workshop at NCMATYC Conference

NCMATYC held an AMATYC Traveling Workshop, colLABorate, prior to their annual conference. The full day workshop included 29 participants who have made a year long commitment to collaborating and creating labs that can be accessed by other mathematics instructors among the state. In addition, leaders from their community college system, math department chairs, and several authors were also in attendance. The goals of the workshop focused on collaborative and active learning.

Ben Aschenbrenner was the AMATYC Traveling Workshop facilitator leading the workshop. The AMATYC traveling workshop was one part of colLABorate. NCMATYC Slack, a communication platform, has been created to help continue the collaboration and build a virtual community for all NCMATYC members. Teachers across the great 58 community colleges of North Carolina can use one of the numerous channels to share what is going on in their classes, ask questions about a particular course, or simply see what others are doing. People of the colLABorate group will be sharing the labs and materials they build based on the goals discussed in the workshop and the standards of AMATYC IMPACT. They will also be sharing with other mathematical communities outside of NCMATYC.

Time Is Running Out
Nominate a Colleague for
the ME Award

In just a few short weeks, it will be too late to nominate a colleague for the AMATYC Mathematics Excellence (ME) Award. The award recognizes educators who have made outstanding contributions to mathematics or mathematics education at the two-year college. Go to www.amatyc.org/MathExcellenceAward today for frequently asked questions and the nomination packet which is due to Past President Nancy Sattler (nsattler@terra.edu) by November 1, 2017.
Sister Organizations Share in San Diego

Six sister organizations will have a presence in San Diego at our conference. Please consider attending their sessions and give them a warm AMATYC welcome.

- AMTE – President Randolph Philipp (along with Raymond LaRochelle) will present "Preparing Mathematics Teachers: AMTE's New Standards." (S150)
- MAA – President Deanna Haunsperger will present "Halving Your Cake." (S160)
- NAE – Conference Manager Annette Cook will present "Prime Ideas for Engaging Students in Developmental Classes." (S038)
- NCSM – President Connie Schrock will present "College Trigonometry Grading Based on Formative Assessment Standards." (S095)
- NCTM – President Matt Larson will present "Research-Informed Instructional Practices: The Non-Negotiable Core." (S059)
- TODOS – President Diane Kinch will present "Statistics: A Tool for Creating Culturally Relevant Lessons." (S107)

Grants Update
by Dennis Ebersole, Grants Coordinator

AMATYC members have been busy on the grants front. Principal Investigator (PI) Megan Brett-Goodman and co-PIs Ann Sitomer and Kathleen Fisher were recently notified that they were awarded a $300,000 NSF IUSE grant. AMATYC, Anoka-Ramsey CC, and Florida International University, are collaborating on the project. By the end of the 3-year grant a pilot Scholarship of Teaching and Learning Research Associate Program will be in place along with a plan to expand the program.

Grant Writing Tip #4: When looking for a funding source for a grant idea, consider private foundations as well as government-funded grant programs. If a private foundation's goals match your goals, you can often spend less time preparing the proposal with similar or better chances of being funded. Grant writing tips 1 through 3 can be found in earlier issues of the AMATYC News.

Professional Development Update
by Julie Gunkelman, Coordinator

The 2017 Webinar Series, supported by McGraw-Hill, brings professional development right to your office every month. There have been several webinars since the first of the year. Please see the archives on the AMATYC website for webinars you may have missed or would like to view again.

The AMATYC Traveling Workshop Grants that were awarded in the summer of 2016 have helped fund several Traveling Workshops that have taken place around the country. As part of the grant process, all traveling workshop directors will be sharing their experiences from the workshops in the AMATYC News. Be sure to read the articles in this issue of the AMATYC News. If bringing a Traveling Workshop to your campus or affiliate meeting sounds appealing, please contact the Professional Development Coordinator via the contact form on the Professional Development webpage.

AMATYC Calendar of Events

Check the AMATYC website, www.amatyc.org, for information on conferences and meetings from other organizations.

November 9-12, 2017: 43rd Annual AMATYC Conference, San Diego, CA. Contact: AMATYC Office, amatyc@amatyc.org. Website: www.amatyc.org

December 8-9, 2017: CMC3 45th Annual Fall Conference, Hyatt Regency Monterey Hotel and Spa, Monterey, CA. Contact: Mark Harbison, mark.harbison@losrios.edu. Website: www.cmc3.org

March 1-3, 2018: TexMATYC Conference, Embassy Suites, Frisco, TX. Website: www.texmatyc.org

April 5-7, 2018: MOMATYC Spring Conference, Ozark Technical CC-Table Rock Campus, Hollister, MO. Website: www.momatyoc.org

April 12-14, 2018: IMACC Annual Conference, Allerton Conference Center, Monticello, IL. Contact: Steve Kifowit, skifowit@prairiestate.edu

April 13-15, 2018: 51st Annual NYSMATYC Conference, Queensbury Hotel, Glen Falls, NY. Website: www.nysmatyc.org

April 27-28, 2018: CMC3 22nd Annual Recreational Math Conference, Lake Tahoe CC, South Lake Tahoe, CA. Contact: Mark Harbison, mark.harbison@losrios.edu. Website: www.cmc3.org

November 15-18, 2018: 44th Annual AMATYC Conference, Orlando, FL. Contact: AMATYC Office, amatyc@amatyc.org

November 14-17, 2019: 45th Annual AMATYC Conference, Milwaukee, WI. Contact: AMATYC Office, amatyc@amatyc.org

A form is available at www.amatyc.org/AffiliateConferences to update or add affiliate conference information.
Committee/ANet News
Statistics Committee by Julie Hanson, Chair

The AMATYC Statistics Resources webpage (www.amatyc.org/StatsResources), which is maintained by the AMATYC/ASA Joint Committee, has recently been updated. It's a webpage of information for statistics teachers that includes classroom resources, webinars, publications, professional development opportunities, and more.

The ASA (American Statistical Association) has recently announced a new, discounted membership rate for two-year college educators. More information is available at www.amstat.org/join. Two-year college educators are eligible for a reduced membership rate of $54.

The 2017 AMATYC Annual Conference will include several professional development opportunities for teachers of statistics. There will be 50-minute sessions on topics relevant to teaching statistics. In addition, the AMATYC Statistics Committee is sponsoring a themed session titled “Data Science and the Introductory Statistics Course.” It will be held on Thursday, November 9, 9:10 am until 11:05 am. It will include six 15-minute presentations. The themed session will include ideas for engaging students in data science. Sources of real data that can be used in an introductory statistics course will be introduced. Methods of data cleaning and graphical methods for visualizing data will be discussed. Participants will learn about the ASA DataFest student competition, as well as the development of a two-year college data science certificate program. The AMATYC Statistics Committee meeting will be held at 4:00 pm on Friday, November 10. All interested AMATYC members are welcome to attend.

If you teach statistics, please consider joining the AMATYC Statistics Committee. To join or to learn more about the committee, please contact Julie Hanson at julie.hanson@clinton.edu.

Invitation to Become a Member of the Newly Created Pathways Joint Subcommittee by Paula Wilhite (Developmental Math Committee) & Scott Peterson (Math Intensive Committee)

If you are interested in participating in a forum for the exchange of ideas, sharing of resources, and discussion of issues involving mathematical pathways (both STEM and non-STEM), the newly created Pathways Joint Subcommittee should be on your conference agenda in San Diego. The kick-off meeting for this new initiative is planned for Wednesday, November 8 at 5:00 pm.

This subcommittee, initially co-sponsored by the Math Intensive Committee and Developmental Mathematics Committee, is open to all AMATYC members. At this initial organizational meeting, goals and action items will be discussed in addition to the integration of the work by the New Life Project and possible contributions to AMATYC IMPACT: Improving Mathematics Prowess and College Teaching as they pertain to mathematical pathways.

To qualify for membership in this exciting new project, you only have to be a member of AMATYC. You can be one of the first members by joining online at the AMATYC website (www.amatyc.org) and following the Groups link to Academic Committees to the Pathways link. On the Pathways group page, click on the Join Group link.

Hope to see you at the first official meeting of the Pathways Joint Subcommittee in San Diego!

All AMATYC Members Welcome! Attend the Kick-off Meeting of the Newly Created Pathways Joint Subcommittee
Co-sponsored by Developmental Mathematics Committee, Innovative Teaching and Learning Committee, Mathematics Intensive Committee, Placement and Assessment Committee, and Statistics Committee
Wednesday, November 8 5:00 p.m. - 6:00 p.m. PST

Developmental Mathematics Committee by Paula Wilhite, Chair

The third drafts for both proposed position statements, “Addressing Critical Factors for Student Success” and “The Science of Learning”, were sent via email to the members of the DMC in September. On Thursday evening at the annual conference in San Diego, the following forums are scheduled:

- Initial Hearing: “The Science of Learning” 7:00 - 7:30 pm
- Initial Hearing: “Student Learning Problems,” 7:30 - 8:00 pm

Please see the conference program for more information on time and location. See you in San Diego!

TMATYC Traveling Workshop by Diann DeJulia

On March 24, 2017, approximately thirty mathematics instructors arrived earlier than usual for the 2017 Annual TMATYC Conference, which was held at Pellissippi State CC in Knoxville, TN. Why? Because for the first time, the TMATYC Conference Planning Committee decided to incorporate an AMATYC Traveling Workshop into the program. Furthermore, to help pay for the workshop, two members of the 2017 TMATYC Conference Planning Committee, Diann DeJulia and Brittany Mosby, applied for, and received, a grant from AMATYC.

The strand for the Traveling Workshop was Beyond Crossroads. This Workshop was designed to help mathematics instructors implement recommendations from the AMATYC standards document, Beyond Crossroads, in their classrooms. The facilitator of this workshop was Mary Beth Orrange.

In the true spirit of a workshop, Mary Beth had all of the participants work in randomly selected groups. The workshop was interactive and primarily used “think/pair/share” activities. The atmosphere was relaxed and everyone felt comfortable sharing their thoughts and ideas regarding the four topics covered: teaching problem solving, using group methods, building a department team, and assessing student learning. When the workshop ended, everyone said how excited they were to try what they learned in their classroom. The workshop was so successful, TMATYC members have inquired about offering workshops at their colleges and at future TMATYC conferences.
Committee/ANet News

Mathematics and it Application for Careers Committee
by Stefan Barratto, Chair

These are heady times for the Mathematics and its Applications for Careers (MAC) Committee. The Committee has three events scheduled for this year’s Conference in San Diego.

On Thursday, November 9, 7:30-8:00 pm, the Committee will be hosting a forum on its completed position statement, “Mathematics for Students in Two-Year Terminal Programs.” This position statement is the result of several years of work by the Committee and has received input from the membership. The Committee looks forward to it becoming an official AMATYC position statement at this year’s Delegate Assembly meeting.

On Friday, November 10, 4:00-5:30 pm, the annual meeting of the Committee will provide attendees with the opportunity to network and discuss ways of using applications in the math classroom. Another major topic for this year’s committee meeting will be the next proposed position statement. The MAC Committee is considering the elements needed for a course to be considered college-level, even when the mathematics is limited to the developmental level. All AMATYC members are encouraged to participate in this discussion. The Committee will also spend time finalizing its plans for a Themed Session for the 2018 AMATYC Conference.

Finally, on Saturday, November 11, 2:15-3:05 pm, Carol Hannahs and Stefan Baratto will be presenting the committee-sponsored presentation. This year’s session is Linear Functions: New Models for New Times. Linear models are everywhere and the committee will present applications that most of us haven’t yet considered. Come one, come all.

See you in San Diego!

Innovative Teaching and Learning Committee
by Dan Petrak, Chair

One of the highlights of the 2017 AMATYC Annual Conference in San Diego will be the Friday night Ignite event. The Innovative Teaching and Learning Committee is once again looking forward to hosting this fun and fast-paced experience where slides are automatically advanced every 15 seconds and speakers have exactly five minutes to share their passion! Attend the Ignite event to learn and have fun! A recording of last year’s presentations can be found by web searching for AMATYC Ignite 2016.

The ITLC has been charged with revising the Position Statement on “Distance Education in College Mathematics Courses in the First Two Years of College.” Thank you to all who have offered input into this document. Final editing of a draft is currently being completed. These documents are posted on the ITLC Google Group page to review.

Whether you are attending the conference or not this fall, you are invited to engage in relevant conversations about teaching and learning right now by joining the ITLC Google Group. Once you request to join the group by going directly to https://groups.google.com/d/forum/amatyct-itlc, you can interact with other ITLC members about a variety of topics including online teaching, open educational resources, student engagement or any other topic you want to pose to the group.

Feel free to contact Dan Petrak at dgpetrak@dmacc.edu if you have any questions or ideas for the committee.

La Jolla Beach Sunset (Courtesy of www.sandiego.org)

Adjunct Faculty Issues ANet
by Judy King, Leader

Join us at a forum Thursday night in San Diego as we read through, and revise if necessary, our position paper on The Working Conditions for Adjunct Faculty. To get a peek at the current draft at the current draft, visit AMATYC’s Adjunct Faculty Issues (AFI) ANet page.

Later in the conference, those interested in adjunct faculty issues are encouraged to attend the Adjunct Faculty Issues ANet meeting. Got a problem to share? Bring it to the meeting or send it to Judy at turkcay@comcast.net.

International Mathematics ANet
by Steve Krevisky, Leader

During the summer, members of International Mathematics ANet collaborated on developing goals to be implemented in the future. These include: sharing best practices and research studies regarding the teaching and learning of mathematics from around the world, facilitating global education opportunities, sharing information about international math conferences, and building collaboration among math educators and others who are interested in working together on these issues.

Please consider attending our sponsored session, S157 “Comparison of K-12 Math In the U.S. & Other Regions with Potential Impact” Saturday at 2:15 pm as well as our ANet meeting on Friday at 4:00 pm.

Future newsletter articles, presentations at AMATYC and other conferences, and work on a position paper for AMATYC, related to how we can work on achieving our goals are being planned.

Placement and Assessment Committee
by Behnaz Rouhani, Chair

The Placement and Assessment Committee will host three events during the AMATYC Annual Conference in San Diego:

• Round Table to share placement and assessment ideas, experiences, successes, and challenges in an informal dialogue. Thursday, November 9, 1:50 - 2:40 pm.
• Panel Discussion to discuss complexities of course-based assessments. Friday, November 10, 10:15 - 11:05 am.
• Committee meeting to plan for the upcoming year, Friday, November 10, 4:00 - 5:30 pm.

If you are unable to attend the annual conference and would like to be a part of the committee, contact Behnaz Rouhani at brouhani@gsu.edu for more information.

AMATYC News 9
AMATYC Foundation 2016 Honor Roll

AMATYC is fortunate to have members and friends who support the organization through private gifts. This support enables AMATYC to enhance current programs, such as AMATYC Project ACCCESS, Traveling Workshops, and to create new opportunities for AMATYC members through AMATYC Grants. Grants support classroom research that enhances student learning.

The following is a list of donors and affiliates who during 2016 made these generous gifts. Thank you! AMATYC strives to ensure accuracy within this Honor Roll listing of all the donors for the 2016 calendar year. If you find your information to be incorrect or if you prefer your name to be listed differently in the future, email Beverly Vance at amatyc@amatyc.org so the appropriate corrections can be made to the Foundation database.

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Dots, Dots, and More Dots!
by Nancy Sattler, AMATYC Foundation Chair

The AMATYC Foundation is again sponsoring the Dot Campaign as an easy way for members to support AMATYC by donating to the Foundation and Remember the Past – Invest in the Future. Attendees are invited to donate a dollar for each AMATYC conference attended. In return attendees will receive a dot for their nametag signifying the number of AMATYC conferences they have attended. Look for the Foundation table when you pick up your registration materials when you attend the 2017 AMATYC Annual Conference in San Diego. We hope that you will Remember the Past – Invest in the Future by donating to the AMATYC Foundation while you are at the conference. You can direct your gift to the AMATYC Foundation general fund, restrict it for a special project, or restrict it to the AMATYC Endowment that allows only for a portion of the interest generated from your donation to be spent for AMATYC special projects.

As in the past few years, there will be a competition among AMATYC regions. Two lucky donors from each region will be selected at the Friday regional breakf–

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Future AMATYC Conferences

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>2017</td>
<td>San Diego, CA</td>
<td>November 9-12</td>
</tr>
<tr>
<td>2018</td>
<td>Orlando, FL</td>
<td>November 15-18</td>
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<tr>
<td>2019</td>
<td>Milwaukee, WI</td>
<td>November 14-17</td>
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<tr>
<td>2020</td>
<td>Spokane, WA</td>
<td>November 12-15</td>
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<tr>
<td>2021</td>
<td>Phoenix, AZ</td>
<td>November 4-7</td>
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<tr>
<td>2022</td>
<td>Toronto, Canada</td>
<td>November 17-20</td>
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For additional information, contact the AMATYC Office at amatyc@amatyc.org or 901.333.5643.
Focus on Affiliates: NevMATYC
by Denny Burzynski, NevMATYC President

NevMATYC has been a bit quiet for the last few years, but we are now making some noise. Our colleges are Truckee Meadows CC (TMCC) in Reno, Western Nevada College in Carson City, Great Basin College in Elko, and the College of Southern Nevada (CSN) in Las Vegas.

First, we have a new Board. Denny Burzynski, CSN, President; Dan Hooper, TMCC, Northern VP; Lisa Savy, CSN, Southern VP; Jonathan Lam, TMCC, Treasurer; Hieu Do, TMCC, Secretary; Lisa Brady, CSN, Newsletter Editor; Jen Gorman, CSN, Past-President; Eric Hutchinson, CSN, Second Past-President; Jim Matovina, CSN, Third Past-President; Mike Greenwich, CSN, Fourth Past-President.

Second, we are creating a website for our organization. Jim Matovina volunteered his services and is assembling a prototype site. Links to all AMATYC affiliates will be included on NevMATYC’s site. The website will be a good communication tool for Nevada’s four community colleges. Links to newsletters from other affiliates are planned to also be created.

Nevada is a big state and the four colleges are a pretty good distance from each other. The closest two colleges are Truckee Meadows in Reno and Western Nevada College in Carson City, the state’s capital. Reno and Carson City are only 25 miles apart, but Reno and Elko are 232 miles apart, Reno/Elko and Las Vegas are 448 miles apart. Not too many years ago, NevMATYC members would meet in the town of Tonopah, NV, which is located somewhat in the middle of the state. Las Vegas and Tonopah, though, were 211 miles apart and a 3.5 hour drive from each other. The drive to and from Tonopah became too much and it was decided that holding annual conferences is probably not something that can be done. However, a virtual conference is being planned in which faculty are invited to post a PowerPoint presentation on the website for visitors to view. It may not be as good as watching a presentation live, but it is, at least, a way of communicating to each other about what is being done, what is being considered, and what is found interesting.

Lisa Brady is the editor of NevMATYC’s newsletter. The newsletter is a new adventure so ideas are being sought out. As it turns out, Lisa’s mother, Karin Starin at Columbus State CC in Ohio, is the newsletter editor for OhioMATYC.

With retirements, much of the history of NevMATYC has been lost. Information about the early days of NevMATYC is being researched by secretary Hieu Do, to construct a chronological history of the organization.

For more information about NevMATYC, please contact Denny Burzynski at Denny.Burzynski@yahoo.com.