IMPACT Live!

IMPACT Live! is AMATYC’s newest and boldest venture yet, and members and colleagues are encouraged to visit and give feedback on how to make IMPACT Live! better.

IMPACT Live! is a website that houses the online version of AMATYC IMPACT, but it also serves as a portal for mathematics instructors to interact synchronously and asynchronously using video conferencing, blogs, and podcasts as well as serve as a repository for lesson plans, worksheets, projects, videos, and exercises. This interactive online social multimedia portal built for mathematics instructors can be utilized daily, weekly, or monthly and is located at www.myAMATYC.org. Items included on this portal are:

**IMPACT Document** – The published document

The IMPACT document builds upon the content of Crossroads in Mathematics and Beyond Crossroads: Implementing Mathematics Standards in the First Two Years of College. The goal of IMPACT is to improve mathematics education in the first two years of college by presenting clear guidance on how to impact the mathematical prowess of students. It is research-based and is framed around the concept of the four pillars of PROWESS (Proficiency, Ownership, Engagement, and Student Success) as an innovative way to enhance students’ mathematical ability and persistence through recommendations for continuous improvement of teaching in the first two years of college. This page of the IMPACT Live! site contains the published document and can easily be navigated chapter-by-chapter.

**IMPACT Plus** – Extensions of the published document

When IMPACT was written, the contributors were aware that mathematics education is constantly changing and evolving. This page of the IMPACT Live! site contains new topics that were either just becoming recognized while the document was being written or occurred after publication. The goal of keeping IMPACT a living document is accomplished by publishing this new content as it arises.

**IMPACT in Action** – Biweekly postings highlighting content of IMPACT

One of the goals of IMPACT Live! is continually introducing topics of relevance to faculty. This page will begin with a bi-weekly spotlight of topics from IMPACT and is intended to possibly become a weekly spotlight on various topics that will inspire faculty to continue to make an impact on students’ successes.

**IMPACTful Conversations** – Forum/Discussion Board for sharing questions and comments about mathematics in the first two years of college

This page is intended to provide a place for conversations among those interested in discussing teaching mathematics in the first two years of college. A login is required to ensure that the contributors are only those that have a vested interest in student success.

**IMPACTful Thoughts** – Monthly insights into improving college teaching in mathematics

In an effort to keep IMPACT Live! ever-changing, this page is dedicated to presenting thoughts and insights from people who are leaders in innovation in education. Posts will be monthly and may be in the form of personal thoughts as well as possible interviews with people who are exploring exciting new ideas in mathematics education.

**Instructional Resources** - a repository of activities, handouts, presentations, videos and other resources for mathematics faculty

Sharing resources is a vital part of any successful department. This page provides an avenue for faculty to share their wonderful ideas with ALL faculty different states and even countries.

[Continued on page 6]
Retention was the main topic at my college’s Fall Learning Days, the pre-fall semester in-house conference for faculty and staff. At this conference, employees participated in an hour-long workshop to brainstorm ways to increase retention at the college. During the fall semester, when interviewing candidates for an associate dean position, candidates were asked to both present on retention to a wide college audience, and later, to present to STEM faculty on recruiting and retaining more students in STEM majors, particularly students who are women and under-represented minorities.

The retention problem is real, particularly at the two-year college, and is not unique to my college. On average, less than half of all students are retained at the same two-year college from fall to fall. About 38% of two-year college students drop out within one year of starting college, and this dropout rate is higher for part-time students and for students from underrepresented minorities. [1] Retention of STEM students in college in general is also problematic. Only about 40% of STEM-intending entering college students actually earn a college degree in a STEM-related field. [2] While it is true that student success, and not retention, is the focus of college professors, improving retention would lead to higher degree completion, and hence, could lead to increased student success.

There have been several recent national initiatives to improve undergraduate retention. These include guided pathways, mathematical pathways, and developmental mathematics course acceleration. Research studies conducted over the last decade have found small increases in student retention when students are involved in clubs, in field research, and in learning groups or communities. AMATYC’s recently released IMPACT report shares recent research suggesting that evidence-based teaching methods have promise in reaching students and improving retention, particularly for female students and students from under-represented minority groups. [3] While these student-engaging practices show promise, more research on why students persist to degree completion is needed, especially in the STEM disciplines.

Practitioners are always looking for ways to enhance student learning and success. Sometimes actions an instructor might view as trivial can have positive, life-changing consequences for students. This point was made powerfully by one of our keynote speakers, Guadalupe Quintanilla, at our recent 2018 AMATYC conference. [4] Because she was an immigrant child in Texas in the 1940s, most people would not have expected her to achieve the success she has as a distinguished educator and a national Hispanic leader. Indeed, she confronted challenges when, at age 12, she was placed into a first grade class. As a native Spanish speaking child who had difficulty understanding English, her public-school’s staff classified her as “mentally retarded” after she scored poorly on an aptitude test given in English. She claims to be one of the few first grade dropouts.

Later, after she was married with children, she decided to pursue an education again, this time at age 30. A registrar at Texas Southmost CC reluctantly enrolled her, since she had not earned a high school diploma. In her first semester, when she felt that she had failed an algebra test, she decided to drop out for the second time. However, this time when she failed to return to class, the algebra teacher at the college called her and asked her to return. She returned out of respect to her professor, was encouraged by the professor to stay in college, went on to pass the class, and later, earned an associate degree. The rest as they say, is history. [5] One small action by a community college algebra professor led Quintanilla on the path to her distinguished career that has since impacted the lives of her family, students, and community.

Quintanilla’s message at the keynote was “never underestimate the significance of one small action.” So when a student fails to attend a class or two, go ahead, make the call. This small action may have profound consequences on a student, a family, or even a nation.

Student success happens one student at a time. But the cumulative effect over many students and multiple courses can have a positive IMPACT on retention and persistence.

References

Definition of Success
Shared by Guadalupe Quintanilla

Success is speaking words of praise,
It’s cheering other people’s ways.
It’s doing just the best you can,
With every task and every plan.
It’s silence when your speech would hurt,
Politeness when your neighbors call.
It’s loyalty when duty calls,
It’s courage when disaster falls.
It’s patience when the hours are long,
It’s found in laughter and in song.
It’s in the silent time of prayer,
It is in happiness and in despair.
In all of life and nothing less,
I found the thing I call success.
On October 31, 2018, AMATYC lost an outstanding leader: Sadie C. Bragg. Sadie was born in Petersburg, VA, and graduated from Virginia State University. She earned a Doctorate in Education from Teachers College, Columbia University, and joined the faculty of Borough of Manhattan CC (BMCC) in 1982. Following her years as a popular and respected professor, Sadie joined BMCC’s administrative team and retired in 2014 as provost and senior vice president of academic affairs.

Sadie’s AMATYC history is long and storied. She joined AMATYC in 1974, first learning of AMATYC through her affiliate, NYSMATYC. Among her AMATYC roles were chair of the Equal Opportunity Committee and co-director of two major initiatives: Beyond Crossroads and Project ACCCESS. After serving as NYSMATYC President, she served as AMATYC northeast regional vice president in 1994-1995 and AMATYC president in 1998-1999. Her awards include the 2010 Mathematics Excellence Award and the Outstanding Alumna Award from the Teachers College Department of Mathematics, Science, and Technology. Sadie was a textbook author of pre-college texts as well as a college textbook series co-authored with BMCC colleague Geoffrey Akst. Sadie proudly served as a member of the U.S. National Commission on Mathematics Instruction of the National Academy of Sciences and represented AMATYC at International Congresses on Mathematical Education around the world.

Sadie was a cherished mentor to many faculty over the years. For me, serving as president-elect during Sadie’s presidency was an excellent training ground. Sadie told me years ago that I was destined to be an administrator. Her prophecy was fulfilled as I later assumed a statewide academic leadership role after decades as a mathematics faculty member.

Sadie’s lovely smile and infectious laugh are what some remember most. She was a fierce friend and family meant everything to her. In 1967, she married her high school sweetheart Alvin and later became mother of Alvin, Jr., and later still, grandmother of Maya and Mark. Sadie was a hard worker, a perfectionist, a person of utmost integrity, a great leader, and a generous contributor to AMATYC. She was passionate about the community college mission. On the day she learned that she was going to be AMATYC president, co-workers purchased a gold cardboard crown for her. She wore it proudly throughout the day. Some former colleagues report that she could play and dance as hard as she worked!

At Sadie’s retirement party, I observed: “Sadie has made possible what seemed impossible, she has bridged canyons and chasms by creating pathways leading to student, faculty, and institutional success.” Family, friends, and faith were supremely important to Sadie; she triumphed with grace from above as she met life’s challenges. A fellow past president said, “Sadie figures in many of my best memories of AMATYC.” Sadie will not be forgotten - memories of her and her indelible legacy will live on in the many lives she touched.

(An interview with past president Sadie Bragg can be found on the AMATYC website at: www.amatyc.org/PastPresident.)
Mary Beth Orrange

Mary Beth Orrange is Distinguished Professor of Mathematics Emeritus of Erie CC where she taught mathematics and computer science for 34 years. She has been a leader in mathematics education at the state and national level for most of her career. She served the New York affiliate, NYSMATYC, as secretary and President. She continues to serve as mentor and advisor in Project ERNIE, a NYSMATYC project similar to AMATYC Project ACCCESS. Through her leadership, many members of the Erie CC faculty have joined NYSMATYC and have become active members. In recognition of her work, Mary Beth is one of only four individuals in the 50-year history of the organization to receive both the award for Outstanding Contributions to NYSMATYC in 2002 and the award for Outstanding Contributions to Mathematics Education in 2017.

Mary Beth has also been a leader on the national level through her work in AMATYC. Her roles include chair of the Innovative Teaching and Learning Committee. Under her leadership the ITLC became one of the largest and the most active AMATYC academic committees. She served AMATYC for four years as secretary, and more recently in her retirement, she co-chaired the steering committee of AMATYC’s newest publication, IMPACT.

Mary Beth is a quiet leader and a hard and persistent worker. You know that when she takes on a task, it will get done, and will be of the highest quality.

Mary Beth lives with her husband Ray in Getzville, NY, a suburb of Buffalo. They enjoy spending time with their daughter, their grandsons, and volunteering time supporting the Dreams from the Heart camp, a special camp for children with congenital heart disease.

Nancy Sattler

Nancy is Dean Emerita at Terra CC and continues to teach graduate students at Walden University. Always a model of lifelong learning herself, she earned a Bachelor’s degree in 1972, a Master’s degree in 1988 and a PhD in 2004 all from the University of Toledo. She completed her graduate work all while teaching full-time, raising a family, and continuing to serve the mathematics education community.

Like many AMATYC members, Nancy first became involved in her affiliate, OhioMATYC. Within a few short years of joining OhioMATYC in 1989, Nancy became the president of the organization. It didn’t take her long to find AMATYC and to become very active. Since joining AMATYC in 1990, Nancy has served in many leadership positions, including Chair of AMATYC’s Placement and Assessment Committee, AMATYC Treasurer, Midwest Vice President, and in 2014-2015, president of AMATYC.

Nancy has authored numerous publications, including section writer for Beyond Crossroads and most recently, IMPACT co-chair.

Through her professional service and leadership, publications, presentations, and teaching, Nancy has had a significant influence on the lives of many. Many of those who have joined and become active members of AMATYC will tell you they began their service to AMATYC because Nancy encouraged them to get involved. Perhaps one of her greatest accomplishments has been the many colleagues who consider Nancy their mentor and friend.

Nancy continues to serve the profession - teaching and inspiring a new generation of mathematics educators. Most importantly, she continues to mentor others and cultivate in them a strong desire to serve.

Nancy Sattler exemplifies outstanding service. She has devoted her career to improving mathematics education and to generously sharing her time and talents.

Collaboration Corner: Mathematical Association of America

The mission of the Mathematical Association of America (MAA) is to advance the understanding of mathematics and its impact on our world. MAA members include teachers, students, mathematicians, and all who are interested in the mathematical sciences. Many AMATYC members are also active in the MAA. Some ways AMATYC and the MAA can continue to collaborate include:

- Engage with the MAA during annual conferences. The MAA’s two national conferences are: the Joint Mathematics Meetings and the summer Mathfest. AMATYC and the MAA exhibit at each other’s conferences and sometimes speak or lead panels at the other’s conference.
- Share resources on each organization’s website. For example, the MAA’s website has links to the recent publication, the MAA Instructional Practices Guide, and to the Big Math Network’s website that shares information on careers for students majoring in the mathematical sciences.
- Write for one of the MAA’s journals or newsletter. Both the MAA and AMATYC encourage authors to submit articles to their publications. The MAA newsletter is the MAA Focus and their journals include the College Mathematics Journal, Mathematics Magazine, Math Horizons, and others.
- Be involved locally. Many MAA state sections work closely with an AMATYC affiliate by holding joint conferences or having a two-year college representative on their governing board.

Continued on page 10
On August 4, 2018, Andrea Hendricks facilitated an AMATYC Traveling Workshop titled, “Retention, Tools, and Design,” at Lanier Technical College’s conference center in Forsyth, GA. Marsha Fields, a math instructor and Quality Enhancement Plan (QEP) team member at the college, served as the Traveling Workshop Director and also applied for an AMATYC Traveling Workshop grant, which Lanier Technical College received to assist with the cost of the workshop.

Lanier Technical College’s goal for the Traveling Workshop was to improve student learning in math learning support courses by training all math faculty on best practices for helping learning support students succeed. Throughout the workshop, Hendricks provided many strategies for increasing self-efficacy, reducing math anxiety, and integrating study skills into the math class. Hendricks demonstrated how the instructors should deliver the instruction from the perspective of the student. The learning support instructors will need to teach these skills now, and the degree level instructors will need to reinforce these skills as the students advance to higher level math classes.

Hendricks ensured the entire workshop was interactive, hands-on, and full of technology. The participants used laptops and mobile phones in conjunction with websites designed to increase engagement in the classroom. Hendricks provided the math department of Lanier Technical College with tools to use for many years to come.
Michelle Younker 2018 Mathematics Excellence Award

Michelle Younker, Chair and Associate Professor of Mathematics at Owens State CC, received the 2018 Mathematics Excellence Award at the AMATYC conference in Orlando.

The Mathematics Excellence Award (ME Award) is intended for educators who have made outstanding contributions to mathematics or mathematics education at the two-year college. ME Award recipients are recognized in even-numbered years.

Michelle’s leadership and contributions to mathematics education began in 2002, with her participation on a faculty review panel for the Ohio Transfer Module (OTM).

Later Michelle served on the Steering Committee for the Ohio Mathematics Initiative (OMI), a state level task force charged by the Ohio Board of Regents with developing a framework for improving key gateway mathematics courses. Once completed, she assumed co-leadership of the Communications, Outreach and Engagement Committee, a working group of the task force.

Jim Fowler, Assistant Professor of Mathematics at The Ohio State University, credits Michelle’s leadership of this working group’s activities as “a key to achieving the effective coordination for which the OMI is now well-known.”

The time and attention she gives to younger colleagues is reflected in Fowler’s praise for her mentorship of him as a member of the OMI working group. Fowler explains “I’ve learned much from Ms. Younker on how to effectively organize a small group of faculty to do great things”...”her mentorship has been critical to my being able to contribute to the group, and I think I’m not alone in being deeply appreciative of her leadership.”

Her outstanding contributions to Ohio Mathematics education led Uri Treisman and his colleagues at the Dana Center to ask Michelle to join their national efforts to modernize two-year mathematics curricula. Her performance in these efforts so impressed Treisman and his colleagues at TPSE (Transforming Post Secondary Education), they selected her to be a founding member of TPSE’s Mathematics Advisory Group (MAG).

Of her contributions, Treisman states “Michelle is an exceptionally able leader and advocate for her students and her profession, and a person I go to for advice on matters that require deep practitioner wisdom and political tact.”

Michelle White, Michelle’s award nominator, summarizes best why Michelle has earned the 2018 AMATYC Mathematics Excellence Award: “Ms. Younker is a solid leader who cares about the people she is working with. Through her guidance, she has helped students, faculty, administrators, and state leaders to follow a path that everyone believes is going in the right direction. We know that she has done her research and has given thoughtful analysis before she speaks. This combination of trust, leadership, and expertise is what makes Ms. Younker an ideal choice for the Mathematics Excellence Award.”

Congratulations, Michelle.

Future AMATYC Conferences

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<td>2019</td>
<td>Milwaukee, WI</td>
<td>November 14-17</td>
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<td>2020</td>
<td>Spokane, WA</td>
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For additional information, contact the AMATYC Office at amatyc@amatyc.org or 901.333.5643.

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Committee Connections - a portal for AMATYC Committees, ANETS, and Affiliates to communicate and post information.

Most of AMATYC’s groups have some sort of presence online, but this page is a place for people who are not necessarily in those groups to see what kind of creative projects are in progress. It will also provide a way to communicate important schedules for both face-to-face conferences as well as online meetings.

It is anticipated that members will be going to the portal daily to either find vetted lesson plans for an upcoming class, supplemental worksheets, or videos that can be shared with classes relating to a course topic. It will also house professional development items and videos made for instructors (tutorials or advice on ways to introduce/teach various topics) and a place for people to share instructor-to-instructor. This portal will be organic and ever-evolving to meet the needs of members while always relating back to the principles found in AMATYC IMPACT. Please provide feedback and/or get involved via the link on the website.

IMPACT in Orlando

by Judy Williams, Program Coordinator

As stated at the Closing Session, every AMATYC conference is “magical,” but this year’s Main Attraction was special because of the great cast of speakers. Thank you to everyone who took the lead in presenting ideas, whether in the Poster Session, a new 25-minute Mini Session, a Session or Workshop, a Themed Session, or around the Chat & Chew tables. Presenters’ efforts were applauded at the Closing Session, with many of the shared ideas already on the schedule for Monday’s classes back home.

The supporting cast of presenters cannot be overlooked. These volunteers kept the show on track and helped collect valuable information for preparing the next conference program. Congratulations to James Adair of Dyersburg CC, TN, the winner of the two hotel nights in Milwaukee. Good things still keep coming to those who volunteer.
The AMATYC 2018 Conference is over, but no need to be sad as Milwaukee is only 11 months away! What can AMATYC offer for Professional Development between now and then? A Traveling Workshop is a close-to-home option. Now is the time to plan a professional development workshop at an institution or an AMATYC affiliate conference. Remember, an AMATYC Traveling Workshop is both cost-effective and offers a choice of content (referred to as strands) – what has piqued mathematical interest lately? If it is not known what type of workshop to hold, visit the Traveling Workshop webpage at www.amatyc.org/TravelingWorkshops, to find Traveling Workshop strands.

Additionally, those interested in traveling and presenting at a Traveling Workshop should apply to be a Traveling Workshop Facilitator. The application form can be found on the AMATYC website under the TW Facilitator tab.

While looking forward to the 2019 AMATYC Annual Conference, how about a question or four - Question 1: For what does the acronym TWF stand? Hold your answer until all four questions are revealed in future issues of the AMATYC News.

For questions about AMATYC Traveling Workshops, please send an email to the AMATYC Traveling Workshop Coordinator, Mari Menard, at tw@amatyc.org.

It’s Not Too Late To Be on the AMATYC Board!

The holidays are over and now is the time to think about how you can serve AMATYC in the future. One possibility is serving on the AMATYC Executive Board for 2020-2021. The positions being slated for this year’s elections include: President-Elect, Secretary, Treasurer and the eight Regional Vice Presidents.

The past few newsletters have included descriptions of all the positions except secretary. The secretary keeps an accurate, permanent record of the proceedings of meetings of the association, Delegate Assembly, and the Executive Board. This person also distributes and receives all e-mail ballots as well as maintaining an updated list of delegates using information provided by the regional vice presidents. The length of the term of office is two years, beginning January 1, 2020, and ending December 31, 2021. The term limit is three consecutive terms in the same office. Further information about the duties and responsibilities of this position (and all of the others) can be found at www.amatyc.org/ExecutiveBoardNomin.

The deadline to submit nominations for the 2019 election of the AMATYC Executive Board is February 1, 2019. The Nominating Committee will recommend a slate to the current board for consideration at the April 2019 Spring Board Meeting. Once the slate is determined, it will be presented to the AMATYC membership with the election taking place in late September. The newly elected board will take over on January 1, 2020.

A complete nomination packet consists of the following (in this order):

- a formal letter of intent signed by the candidate (an electronic signature is acceptable)
- a resume/vita for the candidate no longer than four pages (if the resume is longer than allowed, only the first four pages will be considered by the Nominating Committee)
- a signed letter of support from the college supervisor of the candidate on college letterhead (an electronic signature is acceptable)

The candidate’s letter of intent should indicate the strengths they will bring to the position, why they are interested in the position, and how they will help lead AMATYC forward. This letter should also indicate that they will allow their name to be considered by the Nominating Committee and the AMATYC Executive Board to be a candidate for the specified office(s), that if selected to be a candidate the individual will allow their name to be on the ballot, and that if elected, they will serve. It is also possible for a candidate to be nominated to serve in more than one position and their preferred order needs to be stated.

The letter of support from the college supervisor should state that the college supports the person’s nomination and is aware that the person, if elected, would be expected to attend board meetings in the spring (Thursday through Tuesday) and fall (Sunday through Wednesday prior to the conference).

The nomination form can be found at www.amatyc.org/ExecutiveBoardNomin and is due by Friday, February 1, 2019. Please remember to upload only one PDF document! If there are any questions, please contact Jane Tanner (tannerj@sunyocc.edu), chair of the Nominating Committee, no later than February 1, 2019.

Please consider running for a position on the AMATYC Executive Board - it is an opportunity of a lifetime!
THE MAIN ATTRACTION

The main attraction was enhanced by a very important "person," Walt Disney's head mouse, Mickey. He welcomed and posed for pictures for two hours, before retiring for the evening. Over 1,500 registered attendees and guests congregated at Walt Disney's Coronado Springs Resort to celebrate the main attraction, the 44th Annual AMATYC Conference, November 15 - 18. Many of those attending were thrilled with the weather, what the Sunshine State does best: shine.

Thursday's General Session was fantastic, with the uplifting and inspiring keynote speaker Billy Hix. Hix is often referred to as a NASA Solar System Ambassador; each year he visits schools to speak to thousands of students, parents, and teachers in order to advocate the importance of becoming more science literate through the use of STEM activities. His dream is to help in the training of educators and future educators in fostering STEM careers. Near the end of the session during President Jim Ham's closing remarks, everything came to a halt when an unusual guest, Ms. Poly Pythagoras, stole the show. Ms. Poly roamed the room inquiring about the nature of the conference and discussing mathematical concepts with some of the attendees. She was finally drawn to the stage to help President Ham with the final announcements of the general session. She became the leader of the procession to the grand opening of the Exhibit Hall.

Friday's regional lunches were fun with wonderful information about events of the affiliates and their contributions to IMPACT, and the various AMATYC committees. Door prizes topped off a tasty meal, which led to the invasion of the Cheese Heads, from Milwaukee. Of course they were promoting next year's 45th Annual Conference.

The Saturday morning guest speaker, Guadalupe Quintanilla, stirred the crowd with her emotional address about her life and education both in Mexico, and later in Texas. After being told she was stupid, Quintanilla gave up trying to succeed in school. It wasn’t until she was a mother of two children who were told the same that she realized that both she and her children were capable of learning and succeeding in school and in life. There were some attendees in the crowd that were brought to tears by her story and delighted with Quintanilla’s courage to overcome this childhood stigma. This was a powerful testament to the stamina and persistence of Guadalupe Quintanilla.

This year’s three featured speakers wowed the crowds with their expertise and wisdom. Thursday Joshua Santora (Educational Project Specialist for NASA) and Tim Adams (Senior Engineer in the Technical Performance and Integration Division at NASA’s Kennedy Space Center) impressed those attending with their presentation about why one should study mathematics — advanced or otherwise. Both provided their perspective on the need for today’s students to be problem solvers and critical thinkers. Later that afternoon Tim Adams presented again quoting Gauss: “Mathematics may be ‘the queen of the sciences’; however mathematics is to many the servant of any organization’s mission.” Building on that, Friday’s speaker Mark Shafer (Senior Vice President of Disney Decision Science and Integration) suggested the role of Analytics in today’s global industry is the only way to stay competitive. Companies must continue to invest and evolve at an increasing rate to be the forerunners in the global market.

Continued on page 9
This year has prompted the unveiling of AMATYC IMPACT. Copies of this publication were available to all attendees. In addition to the 50-minute concurrent sessions, there were the new 25-minute mini sessions. Also, the Chat & Chew and Poster Session were again a big hit and, of course, the IGNITE Session on Friday featured the talents and humor of many presenters.

As usual the Exhibit Hall was bursting with activity. The impromptu room was available and well-used for those wanting to follow up with presenters and network with friends and colleagues. Of course for light snacks and friendly conversation, the Baja Hospitality room was full of Local Events Committee members to answer questions, provide relaxing conversation, host games, and the “Count the M&Ms” contest. With 1,186 plain and peanut M&Ms in the jar. The winner of the $25 AMAZON gift card came within five candies!

The hope is someday the AMATYC Annual Conference will return to Walt Disney World, “the happiest place on earth” and enjoy the magic once again.

AMATYC Foundation Grants Two Awards

Remember the Past, Celebrate the Present, Invest in the Future ... those are the words that the AMATYC Foundation takes to heart with its presentation of the Margie Hobbs and Leila and Simon Peskoff awards at the 2018 AMATYC Annual Conference held in Orlando, FL.

The first recipient of the Margie Hobbs Award is Rursandica (Sonda) Manole of Perimeter College at Georgia State University.

The Margie Hobbs Award honors the memory of Margie Hobbs, a long time AMATYC member who served as program chair, regional vice president, treasurer, and conference coordinator. It is made possible through contributions to the AMATYC Foundation, and is given annually to an AMATYC member who has been selected for the first time to do a regular session or workshop. Sonda presented “Quantitative Reasoning: Make Mathematics a Thrilling Ride.” This $500 award is used by the recipient to offset conference expenses.

Nominations for the 2019 Hobbs award are due by June 1, 2019, to the AMATYC Foundation. For more information, visit www.amatyc.org/MargieHobbsAward.

The third recipient of the Leila and Simon Peskoff Award is Leslie Banta of Mendocino College.

This award is made possible through a contribution to the AMATYC Foundation by Fred Peskoff, in memory of his parents, and is given annually to an AMATYC Project ACCCESS fellow who has contributed to the education profession in the area of mathematics taught during the first two years of college. This award consists of a lifetime membership in AMATYC.

The individual chosen for this award has successfully completed the two-year Project ACCCESS program, demonstrated familiarity with the scholarship of teaching, participated actively in professional communities, demonstrated a commitment to continued growth in mathematics, and has maintained membership in AMATYC for at least one of the past three years. In her application Leslie noted that being part of Project ACCCESS has helped her “to gain confidence in taking on leadership roles at her college, at the regional level as treasurer for the California Council Community Colleges (CMC3) and the CMC3 Foundation and, most recently, as the co-chair of a state task force for mathematics that focuses on making recommendations regarding California’s recent passage of AB 705...”

Nominations for the 2019 Leila and Simon Peskoff Award are due by May 1, 2019, to the AMATYC Foundation. For more information, visit www.amatyc.org/PeskoffAward.

Please email the AMATYC Foundation Chair at amatycfoundation@amatyc.org with any questions about either of these awards.

The AMATYC Foundation Board thanks all members for their contributions throughout the year.
**Adjuncts Wanted**  
by Judy King, Adjunct Faculty Issues ANet Leader

Adjuncts make up a large percentage of college faculty, yet adjuncts made up only about 5% of the total conference attendance. How can these numbers be increased? Share ideas on the Adjunct Faculty Issues page on the AMATYC website.

The Position Statement, “Best Practices for Colleges Employing Adjuncts,” had its final reading at the Thursday night forums at the AMATYC Annual Conference in Orlando and was passed during the Delegate Assembly Saturday afternoon. It has now become one of AMATYC’s position statements.

The round-table discussions begun in Orlando will continue on the Adjunct ANet page on the AMATYC website. Topics brought up this year included how departments communicate with their adjuncts, how they recognize the work of their adjuncts, how mentoring works on college campuses, and how departments conduct observations.

Reduced dues and likewise reduced registration fees for adjuncts make attendance more affordable. The Adjunct Faculty Issues group meets Friday afternoon, and there is usually a roundtable discussion group focused on topics brought to the table Saturday after lunch.

Got ideas? Need more information? Contact Judy King at turkcay@comcast.net.

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**StatPREP Grant Summer Workshops**  
by Kathryn Kozak, President-Elect

MAA StatPREP is a National Science Foundation supported project (DUE-1626337) to help faculty gain the skills to teach introductory statistics with a data-centered approach. To aid in this training, StatPREP offers workshops at different locations around the country. The focus of these workshops is to provide instructors with the tools to infuse data into existing courses.

This summer’s workshops will be offered at the following locations.
- Hartford, CT, at the University of Hartford, May 31 to June 1
- The Greater Washington DC area at Howard CC, June 7 to June 8
- Fort Worth, TX, at Tarrant County College, June 14 to June 15
- Seattle, WA, at Highline College June 20 to June 21.

The workshops at the University of Hartford and at Highline College are both the second workshop for these areas. The new focus of this summer’s workshop is how to utilize the StatPREP material into statistics courses. This workshop is for both new attendees and those who attended the previous years. The workshops at Howard CC and Tarrant County College are both the first workshop for these areas. All workshops will focus on how to infuse data into statistics where it belongs.

To apply to attend any of 2019 summer workshops, there is an application at http://statprep.org/. Click on the tab that says “Apply for a workshop.” The application doesn’t take long and is due April 17, 2019. StatPREP leadership will review the applications after that date and send acceptance letters by early May. There is no cost for the workshop and there is a small stipend available to help with travel costs. The StatPREP leadership welcomes involvement in improving statistics education. Please contact Kathryn Kozak (Kathryn.kozak@coconino.edu), a member of the StatPREP leadership team, with any questions pertaining to these workshops.

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**Collaboration Corner, Cont’d from page 4**
- Encourage two-year college students to participate in mathematics competitions, such as the Putnam Competition.

For more information on the MAA, please visit their website at www.maa.org. AMATYC and the MAA will continue to collaborate to advance the mission, vision, and goals of each organization.

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**Excitement Builds for MKE 2019!**  
by Turi Suski and Nathalie Vega-Rhodes

AMATYC members are already looking forward to the 2019 AMATYC Conference in Milwaukee (MKE). Over 100 people helped to create this word cloud by sharing the reasons to be excited about Milwaukee 2019. Julie Hartzler from Des Moines Area CC – Ankeny was the randomly selected winner of two nights in the conference hotel during the Milwaukee conference. Read all the comments in AMATYC's Facebook feed by finding the Milwaukee conference logo. Then, add additional great ideas about being excited to attend MKE 2019!
Innovative Teaching and Learning Committee
by Dan Petrak, Chair

The Innovative Teaching and Learning Committee (ITLC) met at the 44th Annual AMATYC Conference in Orlando, FL. There were over 25 in attendance at the committee meeting and the discussions centered on the IMPACT standards document and ways to promote the IMPACT Live! initiatives. Traveling Workshops, webinars, and the www.myamatyc.org website are great ways to get involved. AMATYC is looking for members to contribute content and interact with others through the website in the coming months and years. The committee is also supporting the joint sub-committee on Pathways and is working on several position statements.

Thank you to the ITLC position statement subcommittee for revising the position statement on the “Use of Technology in the Teaching and Learning of Mathematics in the First Two Years.” The subcommittee members were Dan Petrak, Brad Dallas, Anne Magnuson, Brian Hagelstrom, Kim McHale, and Evan Evans. This statement was accepted by the AMATYC Executive Board with minor changes and the committee continues to work on the latest draft of the Position Statement on Distance Education. This position statement will use a webinar format to satisfy a first reading to the membership at large. AMATYC members are becoming more interested in writing grants. Forty different members attended at least one of the two grant series presentations by two National Science Foundation (NSF) program officers at the AMATYC Annual Conference in Orlando. Over half reported that they were seriously considering writing a grant. The two program officers also reported that they were very busy answering questions from AMATYC members at the NSF booth in the exhibit area. Nancy Sattler has been added to AMATYC’s writing team working on an NSF IUSE grant to propagate the ideas in the IMPACT document that was unveiled at the conference. Team members spent all day Sunday and Monday morning working on this document during the summer of 2019 through synchronous and asynchronously online formats. All members can track the progress and contribute comments through the ITLC Google Group site.

The ITLC Google Group discussion board has been great for people to ask questions, share best practices, and facilitate interaction throughout the year. Members are encouraged to join the conversation and become part of the group by requesting access at https://groups.google.com/d/forum/amatyc-itlc.

The Friday Night Ignite event in Orlando was another success with 20 presenters and over 100 in attendance. These 5-minute presentations were outstanding and covered a multitude of topics. The sessions were broadcast through Facebook Live and the recording can be found at the AMATYC Facebook page. A special thank you to Fred Feldon for once again coordinating the speakers and presentation slides.

The ITLC is here to support and encourage faculty throughout the country to constantly be growing and thinking about ways to improve the craft of teaching and learning. Contact the ITLC Chair, Dan Petrak, at dgpetrak@dmacc.edu for assistance getting involved with this wonderful community of teachers.

Highlights of the 2018 AMATYC Fall Board Meeting
by Behnaz Rouhani, AMATYC Board Secretary

The AMATYC Executive Board met on November 11-14, 2018, before the annual conference in Orlando, FL. Highlights of the meeting included:

- The position statement on “Fostering Learning” was endorsed.
- The position statement on “Addressing Factors Critical to Student Success” was endorsed.
- The position statement on “Best Practices in Employment of Adjunct Faculty” was endorsed.
- The concept of a position statement on “AMATYC Recommendations on Distance Education in College Mathematics Courses in the First Two Years” was approved.
- The spirit of a position statement on “Mathematics for Liberal Arts” was approved.
- The Board approved a six-speaker themed session for the Mathematics Intensive Committee for the 2019 conference. Topics will focus on teaching precalculus, calculus, differential equations, and linear algebra, and perhaps various topics in advanced mathematics.
- The Board approved the scheduling of a six-speaker themed session for the Statistics Committee for the 2019 Conference. Title: “Engaging Introductory Statistics Students With Real Data.”
- The Board approved the scheduling of a six-speaker themed session for the Equity Committee for the 2019 AMATYC Annual Conference in Milwaukee.
- The Board approved the scheduling of a themed session on Mathematics Pathways during the 2019 AMATYC Conference, in Milwaukee, Wisconsin.
- A themed session on International Mathematics was approved.
- The eligibility for Project ACCCESS applicants was increased from the first three years of full-time teaching to the first four years of full-time teaching.
- Many appointments were approved. A complete list along with the full minutes of the meeting may be found on the AMATYC website at www.amatyc.org/BoardMinutesMotions.

Grants Update
by Dennis Ebersole, Grants Coordinator

AMATYC members are becoming more interested in writing grants. Forty different members attended at least one of the two grant series presentations by two National Science Foundation (NSF) program officers at the AMATYC Annual Conference in Orlando. Over half reported that they were seriously considering writing a grant. The two program officers also reported that they were very busy answering questions from AMATYC members at the NSF booth in the exhibit area. Nancy Sattler has been added to AMATYC’s writing team working on an NSF IUSE grant to propagate the ideas in the IMPACT document that was unveiled at the conference. Team members spent all day Sunday and Monday morning working on a draft proposal.

Grant Writing Tip #9: Consider collaborating with a professional organization such as AMATYC when you write your grant. A professional organization can provide you with capabilities you might not have without the organization’s assistance. In particular, a professional organization can assist you in disseminating your findings to a wider audience. Previous grant writing tips can be found in earlier issues of the AMATYC News.
International Mathematics ANet
by Steve Krevisky, Leader

The International Mathematics ANet was very busy at the recent AMATYC Annual Conference in Orlando in November. The focus of this ANet is learning about effective practices in pedagogy in other countries, sharing ideas about the importance of global education, and bringing together people who share similar interests.

On Thursday night, an initial hearing was held on the draft of a position paper on developing an international perspective in math education and good feedback was provided by the attendees at the session. The members of the ANet have been working on this paper for the past year and are excited to share the work with the AMATYC community. One of the additions that will be made is to include recent references, which could come from the IMPACT publication, from Beyond Crossroads, or from outside publications. These changes will be worked on in the next couple of months, with the goal of presenting a revised version for the consideration of the Executive Board and the Delegate Assembly at the 2019 AMATYC Annual Conference in Milwaukee. ANet members agreed to meet via Skype to work on these changes in the next couple of months.

In other news, members of the International Mathematics ANet will host a themed session at the AMATYC conference in Milwaukee in 2019, and are pleased to report that the board approved the proposal. Anyone interested in being part of the International Mathematics Themed Session should send their information to Steve Krevisky at skrevisky@nxcc.commnet.edu.

At the ANet meeting, members planned future work for the ANet. This work includes a plan to create a website which would be linked to the AMATYC website, the development of a webinar, the authoring of articles for the MathAMATYC Educator journal, the creation of a logo, and the creation of a video about the ANet.

Upcoming international opportunities and math conferences provide valuable information about mathematics and statistics education from a global perspective. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive. Such experiences can be a catalyst for globalizing curriculum and preparing students to compete in a competitive.

Developmental Mathematics Committee (DMC)
by Paula Wilhite, Chair

The AMATYC Annual Conference in Orlando offered an abundance of professional development opportunities that covered an array of topics that were designated for developmental mathematics. Members of AMATYC have free access to the posted sessions at www.amatyc.org.

The preconference event, “Third National Mathematics Summit: For Math in the First Two Years,” was focused on implementing, improving, and assessing curricular redesigns was a success with over 220 attendees.

At the DMC Themed Session, Multiple Mathematics Pathways: Trend or New Normal?, approximately 100 participants attended the following presentations:

- Using Accelerated Mathematics to Complete Pathways More Quickly
  Presenter: Lisa Feinman
- Is College Algebra Really a Thing?
  Presenters: Brian Mercer, Dave Sobecki
- Math Literacy: The Most Versatile Developmental Pathways Option
  Presenter: Kathleen Almy
- Washington Math Pathways
  Presenters: Helen Burn, Peter Wildman
- Three Years of Co-requisite Learning Support at Roane State
  Presenter: Markus Pomper
- Forging a Third Path: Implementing a Business & Social Science Pathway
  Presenter: Connie Richardson on behalf of Aimee Nguyen

The two proposed position statements: 1) Addressing Factors Critical to Student Success and 2) Fostering Learning, were approved by the Delegate Assembly and will now become official position statements of AMATYC. These statements will be available on the AMATYC website.

For those interested in joining the Developmental Mathematics Committee, please contact Paula Wilhite (pwillhite@ntcc.edu).

Student Mathematics League
by Steve Hundert, Coordinator

At the time of this writing, the results from Round 1 of the Student Mathematics League (SML) competition are “in the mail”. Round 2 will take place from Friday, February 8 through Saturday, March 2. If your school is not already participating in the SML, please visit the website at www.amatyc.org/?StudentMathLeague to learn more. You can contact the SML Coordinator by email at stevemh@csmd.edu if you have additional questions.

Student Math League awards were given out during the Regional Meetings and Saturday breakfast at the annual conference in Orlando. For the fourth year in a row, the Glenn Smith Team Award went to West Valley College in Saratoga, CA. The Charles Miller Memorial Scholarship, generously funded by Pearson Education, was awarded to Shuai Xue of San Mateo College, in San Mateo, CA.

A record 61 brave conference attendees participated in the Steve Blasberg Faculty Math League competition. The Southeast Region took home the much coveted plexiglass trophy. A peaceful transfer of the trophy from the Northeast to the Southeast occurred. Aisha Arroyo of Middlesex CC in Massachusetts, won top individual honors as well as a $100 gift card donated by the AMATYC Foundation. Spenser Bartholomew of Salt Lake CC in Salt Lake City came in second and Austin Jones of Wake Technical CC came in third.
Mathematics Intensive Committee
by Robert Cappetta, Chair

The Mathematics Intensive Committee (MIC) is charged with improving teaching and learning in the courses at the college algebra level and above. There will be several opportunities to present on these topics at the 2019 AMATYC conference in Milwaukee. A Mathematics Intensive themed session will be offered in which several speakers will be given the opportunity to give brief fifteen-minute presentations. This is an excellent way for new speakers to give their first talks at the conference. Anyone interested in being part of the MIC themed session should send their information to the Chair at AMATYCMathIntensive@gmail.com no later than February 15.

In order to facilitate communication among members throughout the year, the Math Intensive Committee has established a Facebook group called AMATYC MIC Committee. All interested AMATYC members are encouraged to join this group and participate in the conversation. Thanks to Linda Blanco from Joliet Junior College for leading this effort.

At the committee meeting, Helen Burn reported on a project titled “Calculus Allies: Transitioning Learners to Calculus in Community Colleges.” She shared details of the transitional programs at Wake Technical CC and Howard CC. For more information, contact Helen at hburn@highline.edu.

In order to make AMATYC Math Intensive presentations available to more people, speakers will be encouraged to screen cast versions of their presentations and make them available online. Go to www.youtube.com/user/AMATYC/videos for several past presentations. The Math Intensive committee will lead the way in organizing those videos into playlists.

In setting the agenda for the year, members of the committee identified several areas to study.

A. Students are underprepared for pre-calculus. How can the situation be improved? How effective are the new curricula in preparing students for pre-calculus?

B. Students are underprepared for calculus. How can this situation be improved? Is a co-requisite model for incoming students from high school feasible? Is a co-requisite for “C” students in pre-calculus acceptable for those moving into calculus?

C. How can the calculus curriculum be modernized to make better use of technology? Is it feasible to add topics of growing importance like predictive analytics and data science?

D. How can students move from a “mechanical” approach to learning mathematics to a more “conceptual” one? What can be done when students discover that memorizing and mimicking are no longer effective learning strategies?

E. Recognizing that text books and computer-based homework systems strongly influence the curriculum, is there a way to make those resources “less procedural?”

‘Twas A Magical Time in Orlando for AMATYC’s Division/Department Leadership ANet
by Christine Mirbaha, Leader

Thank you to everyone who participated in Division/Department Leadership ANet activities during the AMATYC Annual Conference in Orlando! The magical world of Disney provided the perfect place to network, share ideas and concerns, and work on position papers.

Division/Department Leadership ANet members and others interested in this ANet’s issues met twice during the Orlando conference. The first opportunity to network as a group was at the Chairs’ Colloquium held by Sean Simpson and Christine Mirbaha. Participants were able to provide support and advice for colleagues who were in their first year as supervisors, which included over 20 different insightful tidbits such as effective communication techniques. Other important topics such as conducting staff evaluations, as well as ensuring that syllabi and other course materials are ADA-compliant, were discussed. Toward the end of the session, attendees brainstormed succession planning best practices.

During Friday afternoon’s ANet meeting work continued that was started in San Diego (2017) on revisiting the “Academic Preparation of Mathematics Faculty at Two-Year Colleges” position statement. Since revising the documents was not finished, it has been agreed to continue working on this between now and next year’s conference.

If interested in mathematics department leadership issues, or if you know of someone who would benefit by the support this group provides, the Division/Department Leadership ANet is a great way to get involved! To join the ANet, go to the AMATYC website and click on Groups, or contact the Division/Department Leadership ANet’s Leader Christine Mirbaha at cmirbaha@ccbcmd.edu.

Teacher Preparation Committee
by Mark Kuhlman, Chair

The 44th Annual AMATYC Conference in Orlando offered an amazing selection of sessions and workshops dealing with the preparation of future mathematics teachers. The Teacher Preparation Committee would like to thank those presenters who shared their expertise, ideas, activities and successes about teacher preparation.

The teacher preparation portion of the 2019 conference in Milwaukee is expected to be even better. The Teacher Preparation Committee will be sponsoring the themed session “Engaging Future Teachers with Concepts of Number Sense.” A team of six committee members will share classroom ideas, teaching strategies, and classroom discourse for teaching number sense in courses for prospective teachers. The Teacher Preparation Committee is still looking for volunteers to present for this themed session. The presentations are only fifteen minutes and you would be part of a supportive team, so this is a great way to “get your feet wet” if you have not yet presented at an AMATYC conference. If you teach courses for prospective teachers, then your ideas are valuable and your expertise will help make this themed session a success. If interested in presenting for this themed session please email Mark Kuhlman at mkuhlman@caspercollege.edu by February 15.

The Teacher Preparation Committee has recently been adding links and materials to its external teacher preparation website, www.sites.google.com/site/amatyctprep/home. The website includes “It Worked

Continued on page 15
The 2018 AMATYC Annual Conference was held in Orlando, FL. It included several professional development opportunities for teachers of statistics. The AMATYC Statistics Committee would like to express appreciation to Don Davis, Roxy Peck, Michael Posner, Michael Sullivan, David Usinski, and Holly Wendel for presenting in our themed session “Hands-on Activities for the Introductory Statistics Classroom.” An excellent array of statistics presentations were offered in addition to the themed session. The materials that have been made available by the presenters are on the Conference Proceedings page on AMATYC’s website at www.amatyc.org/2018ConfProc.

The AMATYC/ASA Joint Committee (AMATYC’s Joint Committee with the American Statistical Association) sponsors a series of webinars related to teaching statistics. On Wednesday, December 5th, Jamis Perrett presented a webinar titled “Statistical Sampling Methods.” Recordings of previous webinars are available at www amatyc.org/webinars. On Friday, February 1st, Kathryn (Kate) Kozak will present a webinar titled “Implementing R in your Intro Statistics Course.” Registration for this and upcoming webinars is available on AMATYC’s website at www.amatyc.org/webinars.

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

### AMATYC Calendar of Events

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

- **February 8-9, 2019:** ArizMATYC Conference, Phoenix College, Phoenix, AZ. Website: http://arizmatyc.org/
- **February 15-16, 2019:** FTYCM/MAA Joint Conference, Polk State College, Lakeland, FL. Website: http://sections.maa.org/florida/newsletter/callpsc.htm
- **February 15-16, 2019:** GMATYC 32nd Annual Conference, Perimeter College at GSU-Clarkston, Clarkston, GA. Website: http://sites.gsu.edu/pgsu-mathconference/
- **February 22-23, 2019:** SOCAMATYC Conference, Midlands Technical College-Harbison Campus, Irmo, SC. Website: www.socamatyc.org/EventsNews.htm
- **February 28-March 2, 2019:** TexMATYC/TCCTA Joint Annual Conference, Westin Galleria Hotel, Houston, TX. Website: www.tccta.org/event/convention2019/
- **March 1, 2019:** ColoMATYC Spring Conference, CC of Denver, Denver, CO. Website: http://colo.matycc.org
- **March 1-2, 2019:** CMC South Annual Spring Conference, Kellogg West Conference Center, Pomona, CA. Website: www.cmc3s.org
- **March 7-8, 2019:** 31st Annual NCMATYC Conference, Caldwell CC & Tech Institute, Hudson, NC. Website: http://ncamatyc.matyc.org/conference/2019-ncamatyc-conference-caldwell-cc/
- **March 29-30, 2019:** OhioMATYC Annual Conference, Mohican Lodge and Conference Center, Perryville, OH. Website: www.ohiomatycc.org
- **April 12, 2019:** INMATYC Spring Meeting, Ivy Tech CC, Kokomo, IN. Website: http://inmatyc.matyc.org
- **April 12-14, 2019:** 52nd Annual NYSMATYC Conference, Radisson Hotel, Corning, NY. Website: www.nysmatyc.org
- **April 25-27, 2019:** ORMATYC Meeting, Inn at Spanish Head, Lincoln City, OR. Website: www.ormatycc.org
- **April 26-27, 2019:** CMC 22nd Annual Recreational Math Conference, Lake Tahoe CC, CA. Website: www.cmc3.org
- **May 30-31, 2019:** MMATYC Spring Conference, Wor-Wic CC, Salisbury MD. Website: www.mmatyc.org
- **September 20, 2019:** InMATYC Fall Meeting, Ivy Tech CC, Columbus, IN. Website: http://inmatyc.matyc.org/
- **September 28, 2019:** WisMATYC Conference, Northcentral Technical College, Wausau, WI. Website: http://wis.matyc.org
- **September 28, 2019:** MichMATYC Conference, Henry Ford College, Dearborn, MI. Website: www.michmatyc.org
- **November 14-17, 2019:** 45th Annual AMATYC Conference, Milwaukee, WI. Contact: AMATYC Office, amatycamatyc.org

A form is available at www.amatyc.org/AffiliateConferences to update or add affiliate conference information.
The Dot Campaign Reaches New Heights
by Jane Tanner, Foundation Chair

The “dot campaign” at the AMATYC Annual Conference in Orlando was the most successful one to date. Over $32,000 ($32,574 to be exact!) was raised to support AMATYC’s goals and activities for its members and for AMATYC projects such as Project ACCCESS. Many thanks go to those who showed their support by contributing at least one dollar for each AMATYC conference they have attended. Nearly half of those in attendance at the AMATYC Orlando conference were proudly wearing a dot with their number of conferences. At the Saturday breakfast, a drawing was held for all of the dot campaign supporters. Kari Arnoldsen, Snow College, won her choice of a three-year membership or a discounted member registration for the AMATYC conference in Milwaukee.

The regional competition continued to be very competitive. The Midwest region continued their dominance by having the highest percentage of donors for those attending the conference and also the highest dollar amount contributed. Steve Kifowit and Diane Koenig, both from Illinois, will receive one-year and two-year memberships to AMATYC, respectively.

The popular dot campaign was initiated in 2010 at the Boston conference and has been a fixture at AMATYC conferences ever since. In the nine campaigns, $206,210 has been raised.

Contributions over the years has facilitated achieving AMATYC’s strategic priorities and goals and validates the efforts of the many, many members who work on behalf of AMATYC and the profession.

First Time Attendees

Over 300 First Time Attendees (FTA) arrived in Orlando. Excitement filled the Closing Session Sunday as FTAs were thrilled to find others interested in becoming better teachers and helping students be successful. New friends were made and mentors were found over the dinner table. FTAs were in awe of so many math lovers in one place that felt like home. It will be wonderful to see the FTAs in Milwaukee with the FTA ribbon replaced with an Attended Last Year (ALY) ribbon.

Teacher Preparation Committee, Cont’d from page 13

for Me: Activities from the Classroom,” an AMATYC member-sourced collection of innovative lessons, activities and best practices for use in mathematics courses for prospective teachers. The committee encourages you to submit lessons or activities and help this website grow into a wonderful repository for teacher preparation courses. Visit the website to contribute ideas and to keep up with activities of the Teacher Preparation Committee.

The Teacher Preparation Committee is also forming a subcommittee to create an online open source course for Mathematics for Elementary Teachers classes. So far, the subcommittee consists of Cindy Ediger, Amber Rust and Kendall Jacobs. If interested in joining this subcommittee, please email Mark Kuhlman, mkuhlman@caspercollege.edu. Stay tuned for more information.

It was great seeing everyone in Orlando! Those who couldn’t attend missed out on a great conference with great teacher preparation sessions. Looking forward to seeing everyone at the 45th Annual AMATYC Conference in Milwaukee.

Penny Grant, a student from Pikes Peak CC, received the 2018 Wanda Garner Presidential Student Scholarship. Penny was nominated by her professor, Ginger Anderson, and the ColoMATYC affiliate.

Registration Area
Focus on Affiliates: WYMATYC
by Sarah Pauley, Northwest VP

The Wyoming Mathematical Association of Two-Year Colleges (WYMATYC) was founded in 1980. The objectives of WYMATYC, as stated in its Constitution, include:

- encouraging and developing innovative mathematics programs;
- affording a state forum for the exchange of ideas;
- developing and/or improving the mathematics education and mathematics-related experiences of students in two-year colleges; and
- promoting the professional welfare and development of its members.

Wyoming is a “small” state when it comes to population. This provides WYMATYC members with the unique benefit of being able to continually collaborate and communicate with faculty from the seven community colleges and one university in the state. However, Wyoming is not small when it comes to square miles. Therefore, math faculty travel each spring to different communities in order to attend the statewide articulation meeting hosted at one of the eight institutions. WYMATYC members brave snowy roads, long distances, and the occasional antelope on the road to meet together and discuss the latest techniques for the classroom, to gain knowledge of best practices, and to network with not only their higher education peers but also with their K-12 colleagues, as well.

WYMATYC members are also involved in supporting students’ interests in and love for mathematics. Casper College in Casper, WY, led a successful team in the new AMATYC Student Research League this year, and WYMATYC co-sponsors a Wyoming State Math Contest that involves junior high and high school students throughout the state.

Many WYMATYC members attend the AMATYC national conference each year, with several members serving in leadership positions in the organization. WYMATYC members have approved donations to the hospitality room at the national conference and are involved in AMATYC committees and ANets. WYMATYC members have also been involved in Project ACCCESS, with fellows participating throughout the fifteen-year history of the program.

Although small, the Wyoming affiliate is dedicated to improving mathematics education, supporting collegiality and articulation among the state’s educational institutions, and being a valuable affiliate to the Northwest Region and to the national AMATYC organization.