

AMATYC NEWSSM

ISSN: 0889-3845

The Main Attraction, AMATYC's 44th Annual Conference

by Penny Morris, Orlando LEC



The AMATYC 2018 Conference is right around the corner, and AMATYC, the local committee, the cast of the *Walt Disney World*[®] Resort, and the Central Florida area are busy preparing for your visit this November! You won't want to miss this year's conference in the Orlando area in the center of the Sunshine State, where you will be

treated to beautiful weather, amazing attractions, a wonderful conference hotel, and of course, the Main Attraction, the 2018 AMATYC Annual Conference!

Orlando, Florida, the "City Beautiful," is the perfect conference destination. The high temperatures are routinely a sunny and warm 78 degrees, with low temperatures around 60 degrees. Rain is rare in the fall in Central Florida, so come prepared for sun, fun, and an amazing conference experience.

Your conference hotel is *Disney's Coronado Springs Resort* at *Walt Disney World*[®], a beautiful hotel in the middle of all that *Walt Disney World*[®] and Lake Buena Vista can offer! With 1,967 rooms and suites, *Disney's Coronado Springs Resort* includes four pools



© Disney

(including one with a water slide out of an ancient pyramid), a formal dinner restaurant (Maya Grill), a fitness center, and much more. In the convention center you will find the Baja Hospitality Room, offering a relaxing place to take a break, watch some DisneyTV, plan your visit to the area attractions, have a few snacks, enjoy some games and puzzles, and meet with both the local committee members and friendly guides to help you navigate the conference and the area. The hotel is both your hub for the conference and the beginning of many adventures around the Orlando area.

INSIDE THIS ISSUE

President's Message	2
Conference News	3, 5, 7
AMATYC News Editor Position Available	4
Student Research League	4
Accepting Nominations for AMATYC Board	6
IMPACT Events at the Conference	8
StatPREP	8
Committee/ANet News	7-11
Student Mathematics League	10
Teaching Excellence Nominations	10
Traveling Workshops	12-13
Calendar of Events	12
AMATYC Foundation	14-15
Focus on Affiliates: MATYCONN	16



© Disney

No visit to Central Florida is complete without visiting *Walt Disney World*[®], and this year's conference hotel is nestled right in the heart of all the Disney magic! Surrounding the conference hotel just a free bus ride away are all the attractions, dining, and entertainment of the *Walt Disney World*[®] Resort, including four theme parks, a number of world-renowned golf courses and other outdoor recreational activities, and dining and entertainment to suit any taste or budget at the Disney resort hotels and *Disney Springs*[®].

If you are looking for things to do in the Orlando area, you will not be disappointed! The City Beautiful boasts many opportunities for experiencing attractions, outdoor recreation, and first-class dining and entertainment. The Universal Studios Florida two amazing theme parks and many dining and entertainment opportunities at CityWalk are a must. In addition, the roller coasters, go-karts and other rides at the two Orlando and Kissimmee area FunSpot America parks will keep your heart racing as well. If slower is more your speed, don't forget the Orlando Icon 360 observation wheel (formerly known as the Orlando Eye), bringing you slowly and gently 400 feet in the air to see all of the magnificent surrounding area.

Outdoors, the Orlando area is home to many golf courses and other outdoor recreation activities such as fishing, kayaking, and numerous walking trails. For nighttime entertainment, the Dr. Phillips Center showcases both local theatrical and musical talent along with amazing Broadway touring shows. And if you're a sports enthusiast, you might catch one of Orlando's home teams in action at the Amway Center, including the Orlando Solar Bears hockey team! And

➤ *Continued on page 7*



The Potential of **IMPACT Live!**

Jim Ham

Delta College • University Center, MI

John Dewey once said, "If we teach today's students as we taught yesterday's, we rob them of tomorrow."

This quote emphasizes the evolving nature of education. More of the high paying jobs available today require study of more advanced mathematics. Citizens need more than traditional algebra to understand the mathematics and statistics they encounter on a daily basis. Teaching techniques that worked in the past for those with high aptitude in mathematics may not be as effective for all students today. Recent research suggests that some teaching strategies are working better than others. YouTube videos are available on every topic in my mathematics classes that were not available a decade ago. As the world changes, the delivery and design of instruction must keep pace.

In response to the ever-changing world, AMATYC has recently published *IMPACT: Improving Mathematical Prowess And College Teaching (IMPACT)*. From *IMPACT*, "the intent is to provide guidance to faculty to design and implement instructional programs that foster mathematical prowess in students. This guidance is meant to inspire faculty, departments, institutions, and policymakers to examine, assess, and take action to improve every component of mathematics education in the first two years of college."

One of the features of *IMPACT* is its numerous vignettes illustrating key ideas in the document. In the style of *IMPACT*, I would like to present a vignette:

Sascha is a veteran mathematics professor at a two-year college. She teaches 3-4 different courses and about 15 credits each semester. Inspired by a colleague's session at an AMATYC conference, she tried a new class assignment in her business calculus class named PFC or "prepared for class" assignments. These assignments were due at the beginning of each class meeting where new content was going to be discussed. The assignments consisted of a couple of the simpler homework exercises or prerequisite exercises related to the new content. The purpose was to encourage students to take ownership of their own learning and familiarize themselves with the day's content before coming to class. During class Sascha would go back and forth between brief lectures and student group work. Students were highly engaged during the period, though the groups experienced different levels of difficulty completing the group work. When groups struggled, Sascha gave hints or pointed students along a potential solution path. Most groups were able to complete the group assignment, but a few struggled to complete it. At the semester's end, Sascha noticed no dramatic increase or decrease in grades or achievement of

learning outcomes, but found that fewer students dropped the course. In the year-end evaluations, when asked what helped them to learn and not learn, students were mixed on the effectiveness of the PFC exercises.

As Sascha prepares for the next semester she must decide how, if at all, she should change what she did in the previous semester. Should she continue the PFC assignments as before? Tweak the assignments? Eliminate the assignments and try something else?

Sascha's PFC assignments appear to facilitate the four pillars of PROWESS in students: Students develop **PR**oficiency by doing problems before and during class. They take **OW**nership of their own learning by learning something about a new topic before coming to class. The pre-class work enables students to be more **Engaged** during class. And since more students persist through the semester, **Student Success** is enhanced.

Help for Sascha is on the way! As a companion to *IMPACT*, a new website now under construction called "IMPACT Live!" will build on the guidance in *IMPACT*. This website will:

- Provide opportunities for interactions among members.
- Include a search function to enable users to access practical help on ways to implement the standards.
- Contain a variety of electronic resources, such as blogs, communities, news, lesson plans, worksheets, projects, and videos, linked to *IMPACT*.

The resources available on the *IMPACT Live!* site are developed from evidence-based practices – practices that are deemed effective based on the preponderance of the published literature or based on accepted theories of effective teaching and learning – such as peer instruction, problem-based learning, collaborative problem solving, service learning, active learning that cognitively engages students, formative assessment with rapid feedback, undergraduate research, and others.

Consider the immensity of the teaching expertise of our AMATYC membership that could be available on this site. Sascha would be able to find help from colleagues and review the research related to her PFC assignments. Sascha could share her new student engagement practice on a blog on the *IMPACT Live!* site, adding to its body of resources. As this collective body of information grows, the teaching innovations shared online can assist mathematics faculty in designing courses and pathways to enhance student success.

Come to the conference to explore *IMPACT* and *IMPACT Live!* in more detail. Attend the *IMPACT* committee meeting (Mathematics Standards in the First Two Years of College) on Friday and the *IMPACT* symposium on Friday and Saturday.

➤ **Continued on page 3**

Wanted: Great Ideas for Milwaukee

by Judy Williams, Program Coordinator



Come to Milwaukee, Wisconsin, November 14 – 17, 2019, to experience a great conference with many new ideas! Beginning November 1, 2018, ideas for the 2019 AMATYC Annual Conference can be submitted. Traditional 50-minute

sessions and 2-hour workshops, the Chat & Chew Table Talk session, the 25-minute Mini Sessions, and the Poster Session will be returning.

Here's the exciting news: proposals for any of these formats may be submitted from November 1, 2018, to February 1, 2019, at www.amatyc.org using the same link!

Volunteer to be a session presider at this page as well. Presiders introduce the speaker and assist as needed. This includes confirming that requested equipment is present, ensuring that the session begins and ends on time, providing instructions to attendees about session evaluations on the conference app, and returning a report to the Conference Committee for future planning.

Although proposals may be submitted for multiple formats, **each format must engage participants and meet goals.** Submission information should clearly outline the goals of the session and the method in which those goals will be accomplished. Details on each format follows.

Chat & Chew talks and **poster submissions** may have up to two presenters and no equipment will be provided. Chat & Chew sessions involve attendees at a table for 15 minutes at a time. The **Poster Session** provides a two-hour discussion window with passers-by. Posters will also be available for browsing when speakers are not present.

Mini sessions, intended for one or two presenters, are 25-minutes each in the same room. Attendees may change rooms at the brief break, and a computer projector (presenter-supplied laptop) is available.

Sessions and **workshops** may have up to four presenters and equipment may be requested for either of these formats. If choosing a workshop, specify why the two hours is needed and include a detailed description of how the time will be used.

Please note: AMATYC reserves the right to modify the presentation format at any time.

Submissions requesting Internet (for the presenter only; for mini-sessions, sessions, and workshops) must provide a detailed description justifying the request. A note may be included in the conference program stating that electronic devices are needed for maximum benefit during the presentation.

Proposals should not mention or promote commercially available products.

Late or incomplete proposals will not be accepted. All proposals must be submitted by February 1, 2019.

For more information, contact Judy Williams, AMATYC Program Coordinator, programcoordinator@amatyc.org.

Get the "My Disney Experience" App!

by Keven Dockter, Conference Coordinator

With the AMATYC conference being held on **Walt Disney World®** Resort, many are bringing their families. This is the perfect opportunity to build in a little vacation at the "Happiest Place on Earth."

So how does one get the most out of one's time when visiting the **Walt Disney World®** Resort parks? Download and use the My Disney Experience app! It is the ultimate planning tool for the **Walt Disney World®** vacation. This is where dining reservations can be booked, FastPass+ selections can be made, park hours can be reference, wait times for attractions can be viewed, and so much more! My Disney Experience combines all vacation planning into one convenient location that's accessible from multiple electronic devices.



© Disney

Here are a few of the features that will make vacationers' stay more enjoyable:

- Explore **Walt Disney World®** Resort on the interactive, GPS-enabled map.
- Get wait times for attractions and showtimes for fireworks and parades.
- Find Character greeting locations and times.
- Browse restaurant menus, make dining reservations and place mobile orders at select quick service restaurants.
- Navigate the parks with turn-by-turn ease using the new Get Directions function.
- Select and modify your party's FastPass+ experiences.
- Share your itinerary with others through Family & Friends.
- Manage your **Walt Disney World®** Resort reservations, tickets, MagicBands and cards.
- Turn wait time into play time with Play Disney Parks—a fun new app that gives family and friends the chance to interact with the theme parks.
- Get the app at <https://disneyworld.disney.go.com/plan/my-disney-experience/>



➤ **President's Message, Cont'd from page 2**

The AMATYC membership has the collective knowledge to identify, create, share, promote, adapt, and enhance the most effective learning activities for use in and out of the classroom, the most appropriate courses for our diverse students and their varied educational goals, and the most relevant and accelerated mathematical pathways. *IMPACT Live!* has the potential to assist professors, departments, and colleges in increasing success for all students.

What will be your contributions to *IMPACT Live!*?

AMATYC News Editor Position Available

AMATYC is looking for the next Editor for the **AMATYC News**. The **AMATYC News** is the official newsletter of AMATYC and is published four times per year in January, April, August and October. This position offers the unique opportunity to witness and highlight all of the great things done by AMATYC members through articles that the Editor gets to read, organize and, ultimately, share with the membership.

Interested applicants should email i) a letter of interest, ii) a current resume, and iii) a letter of support from their immediate supervisor to Sarah Pauley, AMATYC Northwest Region Vice President and Search Committee Chair, at spauley@westernwyoming.edu. A review of the candidates will begin **November 2, 2018**. The selected candidate will assume the position immediately following the end of the 2018 national conference. Please visit www.amatyc.org or contact Sarah Pauley at spauley@westernwyoming.edu with questions regarding this important position.

Term of Office

Duties will begin immediately following the 2018 AMATYC Annual Conference in Orlando and will continue through December 2021.

Support

Support for this position is available for attendance (travel, half the cost of room accommodations, meal per diem) at the AMATYC Annual Conferences.

General Duties

1. Inform all AMATYC Board members, academic committee chairs, Conference Coordinator, and conference chairs of newsletter deadlines and copy guidelines (space, type, format, etc.) at least one month in advance of the submission deadline.
2. Work with the office staff to prepare each issue of the newsletter.
3. Coordinate the proofing of each draft of the newsletter.
4. Be responsible for the content and final layout of the newsletter.

Qualifications

1. Maintain current regular or life membership in AMATYC.
2. Proficient in emailing and word processing.
3. Competent in proofreading, writing, and grammar.
4. Able to facilitate the on-time publication of four issues per year.

Regional Finalists Chosen

by Karen Gaines, Student Research League Coordinator

The first round of results for the Student Research League have been determined. For each of the AMATYC Regions the top three teams that meet a minimum score from the evaluators are Regional Finalists. They are as follows:

- Central: Patience Mitchell, Mikayla Hoyle, and Joshua Gray (Metropolitan CC - Blue River)
Hailey Jenkins and Oghenebrorhie Ighoyivwi (Metropolitan CC - Blue River)
- Mid-Atlantic: Renae Rohde, Cameron Williams, and Camille Joie De Jesus (College of Southern Maryland)
- Midwest: Danicha Neal and Adam Kilo (Stark State College)
Robert Myers, Shigemitsu Suzuki, and Nick Wierenga (Grand Rapids CC)
- Northeast: Alisa Kotliarova, Cynthia Camacho, and Ismael Tahoun (Holyoke CC)
- Northwest: Thomas Haen, Samuel Mabey, and Lindy Stewart (Casper College)
Jongsuk Choi and Naol Debele (Edmonds CC)
DAvin Lie Lesmana, Jovan Charis Chandra, Felix Evan (Green River College)
- Southeast: Sagar Patel (Wake Technical CC)
- Southwest: Shelby King, Sao Nguyen, and Jassmine Garcia (Tarrant CC - Northeast)
Luciana Elizarraras and Khang Van Pham (Arizona Western College)
- West: Yuanming Tang, Darren Vawter, and Ziqin Wang (MiraCosta College)

From these 13 teams the top three in the nation will be chosen and awarded their prize money at the conference in Orlando in November.

For those who missed out this year, get a team formed for the competition next year: April 6-14, 2019. Members can also be involved by becoming a Student Research League evaluator for their region. Check out the SRL webpage (www.amatyc.org/StudentResLeague) for more details, or contact Karen Gaines, SRL Coordinator, with any questions (srl@amatyc.org).



Transportation at WDW

by Keven Dockter, Conference Coordinator

The magic begins upon arrival at the Orlando International Airport (MCO). Because the 44th Annual AMATYC Conference is being held at a Disney resort, attendees will be able to take advantage of complimentary airport shuttle service, luggage delivery, and airline check-in. **Disney's Magical Express** service allows guests to check their luggage at their hometown airport and have it taken directly from the Orlando International Airport to *Disney's Coronado Springs Resort*. The advantage to making a Magical Express reservation in advance is Disney will mail boarding vouchers for the bus along with yellow luggage tags for checked bags. Simply place these luggage tags on



© Disney



© Disney

baggage and Disney will then pick up the checked bags and take them to the hotel room. The bags usually arrive about 30 minutes to 3 hours after arrival.

Upon arrival at the Orlando International Airport, proceed to the Disney Welcome Center which will be located on the Level One/B side of the airport and be scheduled for the next available shuttle.

When returning home, guests will be notified the day prior to their departure of the pick-up time. The motorcoach is scheduled to pick up guests (with domestic flights) approximately 3 hours prior to flight departure; 4 hours prior to International flight departure. Guests are picked up directly from their Disney resort – this is not something that can be changed. NOTE: do not pack MagicBands in checked luggage as they will be used to check in with **Disney's Magical Express** and to unlock your guest room at the resort. The Magical Express documents can also be used to check in for the motorcoach ride to the resort.

Reservations can be made by using the link found in the confirmation email received when reserving your guest room or by calling (407) 939-4686. Ideally this will be done at least one month before the flight.

So how does one get around WDW? One can travel to and from all Disney theme parks, water parks, and *Disney Springs*® via air-conditioned bus! Take a short walk to one of the bus stops at *Disney's Coronado Springs Resort* and get on the bus headed to the desired destination! Or for a group of up to six people, use the Lyft app and call for a Minnie Van! This is great for traveling to a restaurant at another Disney resort. Price is \$25 per trip which will be paid through the Lyft app.



© Disney

Tell Us Your Thoughts and Win Two Free Nights in Milwaukee!

by Turi Elizabeth Suski and Nathalie M. Vega-Rhodes

When thinking about AMATYC 2019 in Milwaukee, what comes to mind? Happy Days and Laverne and Shirley?



© Visit Milwaukee

Miller, Schlitz, Pabst, and other great brewers? Maybe cheeseheads come to mind. But it may not be known that Milwaukee has world-class museums, outstanding restaurants, a vibrant art and music scene, theater, sports, and so much more. Milwaukee also has unique treasures like the Pabst Mansion and the Harley-Davidson Museum. Want to learn more? Check out www.visitmilwaukee.org. Better yet, while in Orlando, stop by the Visit Milwaukee display and chat with



© Visit Milwaukee

a representative to discover what makes Milwaukee great.

Enter a contest by sharing what is most exciting about

Milwaukee. During the AMATYC conference in Orlando, find the contest post on AMATYC's Facebook page, and share ideas about why Milwaukee will be great! Post a comment describing what you're most excited about doing in Milwaukee between Wednesday at 4:00 pm and Friday at 8:00 pm and be eligible to win two free nights at the conference hotel in Milwaukee to be used during the 2019 conference. Winners will be randomly selected and announced at the Saturday Awards Breakfast.

Extra, Extra, Read All About It!

AMATYC's newest document IMPACT is now available at www.amatyc.org/IMPACT. Members attending the Orlando conference can pick up their own copy of IMPACT at the AMATYC IMPACT table in the exhibit hall by presenting the ticket found with their name badge.

Interested in being on the AMATYC Board? – Part Deux

by Jane Tanner, AMATYC Past President

It is hard to find a news show that doesn't mention something about the upcoming U.S. elections in November. However, AMATYC will be having its own elections in 2019 and help is needed now! The Nominating Committee would love to hear from those interested in running for an elected position or nominations of those who might be shy about nominating themselves.

The new AMATYC board will begin a two-year term on January 1, 2020 and end on December 31, 2021. Nominees are needed for president-elect, eight regional vice presidents, secretary, and treasurer. The treasurer serves a four-year term.

This article will address the regional vice-presidents and treasurer positions. In the next newsletter focus will be on the secretary position as well as the nominations process.

Regional vice presidents represent AMATYC at AMATYC meetings as well as affiliate and other organization meetings. Other duties include presiding over the region's annual meeting at the annual conference, serving as a liaison to members of AMATYC leadership, appointing state/province delegates, serving on the Membership Committee, and participating on board committees.

The AMATYC treasurer coordinates the maintenance of all financial records, funds, and receipts; approves disbursements; and keeps accurate records. Another major duty of this position is overseeing the preparation of the annual budget. The treasurer also chairs the Finance, Expenditures Approval, and Tax Review and Audit committees and serves as a member of the Foundation and Investments boards and Membership Committee. This is a four-year position to allow for continuity with AMATYC's finances.

For any elected position, a letter of support from the school's supervisor acknowledging the need for travel to attend meetings and be away for up to a week in both the fall and spring. Travel expenses to board meetings and annual conferences are provided following AMATYC policies.

After being elected to any AMATYC position, attendance at a two-day strategic planning and orientation meeting in January 2020 and a four-day executive board meeting in April 2020 (and 2021) in Memphis is required. The fall board meeting is held immediately prior to the AMATYC Annual Conference at the same city and hotel where the conference will be held.

For a more detailed description about the responsibilities of AMATYC's regional vice presidents and treasurer (and other positions) and the nomination process, please visit amatyc.org/ExecutiveBoardNomin. Contact a member of the Nominating Committee with questions or to submit a nomination.

The nomination form can be found at www.amatyc.org/ExecutiveBoardNomin and is **due by Friday, February 1, 2019**.

Nominating Committee Chair

Jane Tanner (tannerj@sunyocc.edu) AMATYC Past President

Nominating Committee Members

Members at-large:

Nicole Lang (nlang@nhcc.edu)

Barbara Leitherer (bleitherer@ccbmd.edu)

Chris Oehrlein (coehrlein@occc.edu)

Regional representatives:

Northeast - Crystal Wiggins (cwiggins@nwcc.commmnet.edu)

Mid-Atlantic - Matthew Prigel (meprigel@hacc.edu)

Southeast - Eddie Britt (eddie.britt@colin.edu)

Midwest - Steve Kifowit (skifowit@prairiestate.edu)

Central - Curtis Mitchell (curtis.mitchell@kirkwood.edu)

Southwest - Jennifer Travis (jennifer.travis@lonestar.edu)

Northwest - Timothy Lackner (tlackner@csn.edu)

West - Froozan Afiat (froozan.afiati@csn.edu)

The New AMATYC Website

by George Hurlburt, Website Coordinator

This summer the AMATYC Website, www.amatyc.org, went through a major update. This was the conclusion of months of planning by the Website Committee. The goals of the update were

1. Make the website mobile friendly
2. Make the website more visually appealing
3. Make the website easier to navigate.

The previous version of AMATYC's website was not mobile friendly and was very difficult to view on a mobile device. AMATYC recognized that viewing the site on mobile devices is important to AMATYC's membership, making this update critical.

Our new site is very graphics based. There is a scrolling banner near the top of the page, where the pictures link to the most popular pages. Below the banner is important information that will be updated on a regular basis.

The number of menu items were reduced. The menu items were also reorganized in an attempt to better group items that belong together. Hopefully these changes will improve member's experience when accessing the site.

A Home button was eliminated from the menu items. On any page in the website, click on the AMATYC Logo in the upper-left corner of the page, and that will return to the homepage.

Please contact AMATYC's Website Coordinator, George Hurlburt, at web@amatyc.org, with any questions or comments.



Innovative Teaching and Learning Committee

by Dan Petrak, Chair

One of the highlights of the 2018 AMATYC Annual Conference in Orlando is the Friday night Ignite event. The Innovative Teaching and Learning Committee (ITLC) 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! Please attend the conference or join via Facebook Live through the AMATYC Facebook page. The session will be Friday, November 16 at 6:00 pm - 8:00 pm (eastern time) so put it on your calendar today. If interested in presenting, please reach out to Fred Feldon at ffeldon@coastline.edu. A recording of last year's event can be found on the AMATYC Facebook page as well.

Whether attending the conference or not this fall, AMATYC members are invited to engage in relevant conversations about teaching and learning right now by joining the ITLC Google Group. Request to join the group by going directly to <https://groups.google.com/d/forum/amatyc-itlc>. Interaction with other ITLC members about a variety of topics including online teaching, open educational resources, student engagement or any other topic posed to the group can be done through the forum.

The ITLC Sub-committee on Position Statements met several times this past summer to make minor changes to the Position Statement on the "Use of Technology in Teaching and Learning College Mathematics in the First Two Years of College." The work of the people who helped in updating this document is appreciated. The AMATYC Executive Board has accepted these minor changes. The updated Position Statement on "Distance Education" has major changes and will be going through the formal process of review and adoption over the next year. View and comment on these updated statements posted in the ITLC Google Group.

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

➤ **The Main Attraction, Cont'd from page 1**

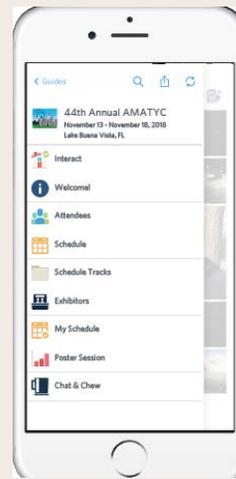
of course, just an hour to the east are some of Florida's famous Atlantic beaches, including Daytona Beach and Cocoa Beach.

Also a short day trip away, the Kennedy Space Center is a must for any space enthusiast, and to the southwest are the Frank Lloyd Wright architecture of Florida Southern College in Lakeland (the largest collection of Frank Lloyd Wright architecture in one place in the world) and the Dali Museum in St Petersburg. And don't miss Legoland Florida in nearby Winter Haven.

From world-class theme parks to the best in dining and entertainment, Orlando and the *Walt Disney World*® Resort are the place to be for the Main Attraction, the 44th Annual AMATYC Conference! The entire conference planning committee and local events committee are looking forward to seeing you in November in sunny Central Florida and Orlando!

Orlando Conference App and more!

by Keven Dockter, Conference Coordinator



The Conference Committee is happy to once more provide access to the conference program and other events through this year's Guidebook app. Attendees are strongly encouraged to download the mobile guide to enhance their experience at the 44th Annual AMATYC Conference. Those who already have the Guidebook app can just download the guide.

The Guidebook app will allow attendees to view the complete conference schedule, create their own personal schedule, learn about who is exhibiting and where they are located, view maps of the conference facilities, and much more. Attendees will be able to tweet about the conference (#amatyc), check out the AMATYC Facebook page, link to Disney restaurants, or create a community photo album. Attendees will be able to search for sessions based on speaker as well as take notes on any session directly on the device! As usual, all the session evaluations will be done on the app in Orlando. Upon arrival, be sure to check in under the Attendees button to connect with other attendees. The very popular Interact option will be available and 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. People without a smart phone, can access the same information once the app is published at www.guidebook.com/guide/108077. To download this free app, navigate to AMATYC's landing page, www.guidebook.com/g/amatyc2018, and follow the directions. Or download the Guidebook at the Apple App Store or Google Play.

Once the Guidebook app is downloaded, search for AMATYC. While the Guidebook can be downloaded at any time, the app for the Orlando Conference becomes available on November 1. At that time, an email will be sent with these same instructions or simply scan this QR code with the guidebook scanner to download the conference app!

Tweet about the conference and make use of AMATYC's social media. Check out the Facebook Live interviews with Dave Larson, VISIT Milwaukee, during the conference to get a head start on what to do in Milwaukee at the 2019 conference. Also look for Facebook Live broadcasts of the Chat & Chew and various speakers. As the conference draws near, check out the AMATYC Facebook page for a schedule of what is planned in Orlando on *Facebook Live!*



Statistics Committee

by Julie Hanson, Chair

The 2018 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 "Hands-on Activities for the Introductory Statistics Classroom." It will be held on Thursday, November 15, from 8:00 am until 9:55 am. It will include six 15-minute presentations. In this themed session, presenters will share hands-on activities that they have successfully used in their introductory statistics courses. Participants will learn about activities and experiments involving Hershey kisses, soda, coins, product weights, soldiers, the Stroop Effect, and more. Also, the AMATYC Statistics Committee meeting will be held at 4:15 pm on Friday, November 16, and the Data Science Subcommittee meeting will be held at 11:55 am on Saturday, November 17. All interested AMATYC members are welcome to attend.

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

Adjunct Faculty Issues ANet Update

by Judy King, Leader

The Adjunct Faculty Issues (AFI) ANet is collaborating with the Equity Committee to investigate the AMATYC membership types and benefits available to adjunct faculty. The two groups are also considering ways to encourage more adjuncts to get involved within AMATYC. To help with either of these initiatives, make suggestions, or to get involved, please reach out.

Plan to join the Adjunct Faculty Issues ANet in Orlando this November. Here are some items to consider:

- The final hearing of the *Best Practices in Employment of Adjunct Faculty* position statement will be at 8:00 pm on Thursday, November 15.
- The ANet meeting, 4:15 pm on Friday, November 16.
- There are three sessions that include "Adjuncts" in their titles:
 - S071 Fri 8:00 am-8:50 am, *Equal Professional Development for Adjunct Faculty* by Heather Howington and Dan Ray,
 - S128 Sat 11:55 am-12:45 pm, *Building Trust in Adjuncts for Student Success in Networked Support* by Dayna Ford and Logan Maxwell, and
 - S157 Sat 2:15 pm-3:05 pm, *Adjuncts: Not the Main Attraction, But Definitely Not The Side Show* by Judy King.

For more information, comments, or questions, contact Judy King at her new email address, turkcaj@comcast.net.

Developmental Mathematics Committee (DMC)

by Paula Wilhite, Chair

The upcoming 44th Annual AMATYC Conference offers a wealth of professional development opportunities that cover an array of topics that are designated developmental mathematics.

The Third National Mathematics Summit: For Math in the First Two Years is planned to focus on implementing, improving, and assessing redesigns. Scheduled for 1:00 pm Tuesday, November 13 - 5:00 pm Wednesday, November 14, there will be multiple sessions on implementing, improving, and assessing redesigns before the closing remarks by Uri Treisman on "Curricular Modernization in Turbulent Times: A Search for True North". Registration is now open at www.amatyc.org. Space is limited so register now.

Multiple Mathematics Pathways: Trend or New Normal? is a themed session sponsored by the DMC and designed to address the changes that are the result of the increasing need for contextualized and statistics-based mathematics in virtually every meta-major. The following presentations will be featured on Thursday, November 15, 8:00 am - 9:55 am:

- *Using Accelerated Mathematics to Complete Pathways More Quickly*
Presenter: Lisa Feinman
- *Is College Algebra Really a Thing?*
Presenters: Brian Mercer, Dave Sobbecki
- *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

In addition, the conference has thirty individual presentations and ten posters that feature issues of developmental mathematics. Final hearings for the two proposed position statements, **Addressing Factors Critical to Student Success** and **Fostering Learning**, will be held on Thursday, November 15 at 7:00 pm and 7:30 pm respectively. Finally, the **Developmental Mathematics Committee Annual Meeting** will be held on Friday, November 16 at 4:45 pm - 5:45 pm.

Join the DMC in Orlando to share ideas and to network with your colleagues across the nation. If interested in the Developmental Mathematics Committee, contact Paula Wilhite (pwilhite@ntcc.edu).

Future AMATYC Conferences

2018	Orlando, FL	November 15-18
2019	Milwaukee, WI	November 14-17
2020	Spokane, WA	November 12-15
2021	Phoenix, AZ	October 28-31
2022	Toronto, Canada	November 17-20

For additional information, contact the AMATYC Office at amatyc@amatyc.org or 901.333.5643.

Calling All Teaching Excellence Award Nominations

by Kathryn Kozak, President-Elect

It is not too late. There is still time to nominate a colleague or yourself for the AMATYC Teaching Excellence Award. Any AMATYC member who teaches math in the first two years of college can be nominated. As long as the member being nominated teaches at a two-year college or teaches at a four-year college but teaches math classes that are in the first two years of college, that person is eligible.

There are specific criteria that must be addressed in each nomination letter. Excellent teachers will easily meet the criteria. The criteria are outlined at <https://amatyc.site-ym.com/page/TeachExAward>. In addition to the criteria, a link to past awardees, a letter from the president of AMATYC expressing the importance of the award, a link to the nomination form, and a link to Frequently Asked Questions (FAQ) are available at this link. For more information, email the chair of the Teaching Excellence Award Committee, Kathryn Kozak at Kathryn.kozak@coconino.edu.

It is not hard to come up with many examples of excellent teachers. In addition to full-time faculty, consider adjunct faculty. The award committee can only consider completed nominations received. Those nominations are needed so the committee can have the honor of reading the nominations. Please nominate those excellent teachers today.

The deadline for applications is coming soon. **All nomination packets must be received by December 7, 2018.**

Change to the Joint Mathematics Meetings

Since 1998, the Joint Mathematics Meetings (JMM) has been co-managed by the American Mathematical Society (AMS) and the Mathematical Association of America (MAA). Beginning in 2022, the AMS will become the sole manager of the JMM, and the MAA will shift all of its annual meeting activities to their MAA Mathfest summer meeting. The JMM will continue to be co-managed by the AMS and the MAA in 2019, 2020, and 2021, and many long-term joint projects will continue to be supported after 2022.

Catherine Roberts, the AMS CEO, stated in a recent press release that the AMS “will aim to engage members of all the professional societies and the broader mathematical sciences community in sessions related to research in all areas, mathematics education, applied mathematics, and careers, and in events that create connections among mathematicians at all levels.”

AMATYC will continue to explore new collaborations with both the AMS and the MAA.

The 2019 JMM will be held in Baltimore, MD, on January 16-19.

Leaders: Division/Department Leadership ANet is Just What You Need!

by Christine Mirbaha

The Division/Department Leadership ANet is a network of AMATYC colleagues from around the country and beyond who are, or have been, in leadership roles at their college.

For those attending the AMATYC Annual conference in Orlando, there are two events you'll want to attend: the Chairs' Colloquium on Thursday afternoon, and the Division/Department Leadership ANet meeting on Friday afternoon. The annual Chairs' Colloquium on Thursday afternoon continues to be a valuable source of information and support for anyone currently in, or considering stepping up to, a leadership role within their department and/or institution. The issues discussed vary from year to year, based on the needs of those who attended the session. In past years, popular topics have included support mechanisms for those in supervisory positions, average and maximum class sizes, instituting common final exams, adjunct faculty concerns, and handling sensitive personnel matters.

During Friday afternoon's ANet meeting they will continue to work on position statements that have been scheduled for revisitation. Currently they are working on *The Academic Preparation of Mathematics Faculty at Two-Year Colleges*.

So, for those interested in mathematics department leadership issues, the Division/Department Leadership ANet is a great way to get involved! To join the Division/Department Leadership ANet go to the AMATYC website and click on Groups, or contact the Division/Department Leadership ANet Leader Christine Mirbaha at cmirbaha@ccbcmd.edu.

Student Mathematics League

by Steve Hundert, SML Coordinator

Welcome to a new year for the Student Mathematics League (SML). Round 1 will take place from Friday, October 12, 2018, through Saturday, November 3 and Round 2 will take place from Friday, February 8, 2019, through Saturday, March 2. If your school does not participate in the AMATYC Student Math League, why not? Consider forming a team to compete this academic year. Students will enjoy working together prior to the tests and going over problems after the results have been released.

While planning which sessions to attend at the annual conference in Orlando, don't forget the Faculty Mathematics League competition to be held on Friday, from 3:10 - 4:00 pm. As always, bring a calculator and a competitive spirit!

Student Mathematics League team awards for the top regional teams will be given at the regional lunches. Last year's Charles Miller Memorial Scholarship recipient and the team receiving the Glenn Smith Team Award will be recognized at the Saturday breakfast as well as the winners of the Faculty Mathematics League competition.

For more information on the SML competition or eligibility for participation, send an email to the SML Coordinator, Steve Hundert at stevenh@csmd.edu.

Grants Update

by Dennis Ebersole, Grants Coordinator

The six members of AMATYC's writing team for a large NSF IUSE grant to assist AMATYC in propagating the ideas in the *IMPACT* document met for five days of writing the last week of July. Thanks to the generosity of Karen Gaines' brother, our work took place on a 40-acre "ranch" in Big Sky country that was perfect for the task at hand. During the intense work on the grant proposal the team bonded as we debated various aspects of the project. (See the Superman pose of the group.) They left with consensus on a theory of change including the goal and objectives and a logic model for the project. Substantial progress was also made on a statement of



From left to right: Dennis Ebersole, Evan Evans, Karen Gaines, Ann Sitomer, April Strom, and Julie Phelps (lead)

the problem to be addressed, an action plan delineating activities to meet the team's goal, what to include in *IMPACT Live!*, research questions, and the data to be collected.

Grant Writing Tip #8: The one word description for this tip is "sustainability." Funding sources prefer not to fund projects that will end as soon as funding ends. To improve the chances of getting funded, clearly show how the changes made as a result of grant funding will be continued once funding ends. Previous grant writing tips can be found in earlier issues of the *AMATYC News*.

AMATYC Southwest Regional Conference

Big Ideas in Texas

June 7 - 8, 2019

Join us in Frisco, TX to attend the Southwest AMATYC Regional Conference. Located in the Dallas-Ft. Worth metroplex, Collin College - Frisco Campus will be our school away from school for the weekend. "Big Ideas in Texas" is what we hope you will gain by attending sessions presented by colleagues across our region as well as across regional boundaries! For more information contact Cynthia Martinez (cymwink@gmail.com)

Friday, June 7, 2019 (11:00 am - 5:00 pm)

Saturday, June 8, 2019 (9:00 am - 1:00 pm)

Research-Related Activities

by Ann Sitomer, RMETYC Chair

What type of mathematical knowledge is needed to teach mathematics in the first two years of college? What does research conducted at community colleges tell about learners' experiences in mathematics learning environments? Research talks presented at the annual Research Session and throughout the conference will provide some answers to these questions. This year's annual Research Session (Thursday, November 15, 7:00 - 9:15 pm) opens with a keynote by Natasha Speer from the University of Maine: *Use and development of knowledge for teaching college mathematics*. Speer's research focuses on graduate assistants' teaching development and the mathematical knowledge needed for teaching college mathematics. The keynote will be followed by two concurrent sessions.

The first session includes presentations by Claire Wladis (Borough of Manhattan CC) on her research about the experiences of community college students in online courses, and by Carolyn Masserang (University of Michigan) on her research of the impact of students' prior life experiences on their learning and resilience in developmental mathematics. Peter Brown (Lake Michigan College) and Eric Gaze (Bowdoin College) start the second session with a presentation of their research on non-STEM students' number sense. This is followed by a presentation of research on student motivation, conducted by a partnership of researchers from the University of Virginia and Valencia College, and presented by Chris Hulleman (University of Virginia). Once again, AMATYC's Research Session highlights the contribution to research in two-year college mathematics undertaken by faculty-researchers at community colleges and by allies at research universities.

Check the conference program for many other research-related presentations. The new *IMPACT* Mathematics Standards Committee, the Innovative Teaching and Learning Committee, and the Research Committee are sponsoring a themed session of innovative and research-based teaching practices for making an *IMPACT*. Each talk will focus on a different pillar of mathematical PrOwESS (proficiency, ownership, engagement and student success). As always, search the program for the focus key **R** that signifies a research-based talk. Many AMATYC members, engaged in exciting research projects, will present their work and discuss how their findings can be used to support student success. Look out for a Chat and Chew on AMATYC's Project SLOPE, a project that will provide an opportunity for AMATYC members to engage in a particular type of classroom research, the Scholarship of Teaching and Learning (SoTL).

Finally, attend the Research Committee meeting if interested in engaging in research or want to know more about how to use research findings. Doctoral students who need the support of a community of other faculty-researchers focused on research in community college mathematics education may also find the work of the committee beneficial. It's time to use research to make an *IMPACT* on student learning.

AMATYC Traveling Workshops

The newly updated AMATYC Traveling Workshop webpage is now available. It offers an updated listing of Traveling Workshop strands, a new Traveling Workshop Flyer, and easier navigation. Fall is the time to plan a professional development workshop at your institution. An AMATYC Traveling Workshop is cost effective and the content to best fit the needs of your faculty and staff at the school can be chosen.

To see a list of workshop options, visit the Traveling Workshop webpage at www.amatyc.org/TravelingWorkshops. Click on the FAQ tab, previous Traveling Workshop proceedings, and other relevant information for the traveling workshop options.

Also, consider applying to be a Traveling Workshop Facilitator. Facilitators not only get to share content knowledge, but also get to assist in the planning of the workshop and meeting the goals of the workshop. The application form can be found on the website under the TW Facilitator tab.

Send an email with any questions concerning the AMATYC Traveling Workshops to AMATYC Traveling Workshop Coordinator Mari Menard at tw@amatyc.org.

St. Louis Traveling Workshop

by Karen Gaines

What is something productive, energizing, and enlightening to do between the spring and summer semesters? The answer to that for faculty at community colleges in the St. Louis area was to attend a Traveling Workshop focused on teaching an Introduction to Statistics course. The day and a half workshop was hosted by St. Louis CC - Meramec and was attended by twenty-six full- and part-time faculty from multiple community colleges in the area. It was funded through a grant from AMATYC as well as by the Meramec Mathematics Department.

The state of Missouri recently restructured its mathematics requirements which will result in a dramatic increase in students taking Statistics as one of the alternatives to College Algebra. The workshop was facilitated by Jon Oaks and perfectly tailored to the needs of the attendees. Jon began with important background information on standards, such as GAISE (Guidelines for Assessment and Instruction in Statistics Education). The majority of the time was spent actively experiencing classroom activities as well as participating in discussions about what should be in the course and also how to deliver it to students in an engaging manner. Jon brought an unbelievable amount of materials that most certainly will be used by many of the participants in their classes this fall. As the last activity for the workshop, participants worked in pairs to create an activity that could be used in their classroom as well as shared with others.

The workshop not only was a success from the standpoint of providing valuable information to the participants about statistics education, but also introducing attendees to just one of the opportunities that AMATYC provides to faculty teaching mathematics in the first two years of college.

The resources from this workshop can be found at <http://bit.ly/algebragames>.

AMATYC CALENDAR OF EVENTS

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

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

December 7-8, 2018: 46th Annual CMC³ Fall Conference, Hyatt Regency Monterey Hotel and Spa, Monterey, CA. Website: www.cmc3.org

February 1, 2019: AlaMATYC Conference, Shelton State CC, Tuscaloosa, AL. Website: <https://alamatyc.wixsite.com/alamatyc>

February 8-9, 2019: ArizMATYC/AADE Joint Conference, Phoenix College, Phoenix, AZ. Website: <http://arizmatyc.org/>

February 15-16, 2019: FTYCMA/MAA Joint Conference, Polk State College, Lakeland, FL. Website: <http://sections.maa.org/florida/newsletter/callpsc.htm>

March 1, 2019: ColoMATYC Spring Conference, CC of Denver, Denver, CO. Website: <http://colo.matyc.org>

March 7-8, 2019: 31st Annual NCMATYC Conference, Caldwell CC & Tech Institute, Hudson, NC. Website: <http://ncmatyc.matyc.org/conference/2019-ncmatyc-conference-caldwell-cc/>

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.ormatyc.org

April 26-27, 2019: CMC³, Inn at Spanish Head, Lincoln City, OR. Website: www.ormatyc.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.

AMATYC Traveling Workshop: What's your game plan?

by Megan Wagaman, DelMATYC president

The Delaware Mathematical Association of Two-Year Colleges (DelMATYC) was awarded an AMATYC grant to host a traveling workshop at its annual conference on Tuesday, May 22, at the Stanton Campus of Delaware Technical Community College in Newark, DE. The workshop was a wonderful and inspiring day of learning and game-playing, facilitated by Kathleen Offenholley, and attended by 36 participants.

Offenholley, a math instructor at Borough of Manhattan CC, prepared a highly interactive day of games and discussion. She focused on the educational benefits of games and helping attendees see that games are an effective way to engage students at all math levels, and help them learn. Offenholley wanted participants to experience games so they could see first-hand how to excite students - and it worked! She showed them how to create math Mad Libs to help students relax and have fun as they learn math and how instructors could on the spot have a matching game by having students create questions and answers. Offenholley showed three math computer games she has developed through an NSF grant. Participants also worked in groups to design games - many of which can be used in the classroom - with Offenholley's guidance and probing questions to help participants come up with good plans. Offenholley had a well-prepared workshop with some theory and recommended readings, along with the activities described, and more.

Based on comments and a survey given after the conference, conference attendees found the conference valuable. 93% of participants "liked" or "strongly liked" the workshop, and 86% said they got ideas they think they will use in the classroom.

Taking Control: Designing Math Pathways on Your Own Terms

by Mel Taylor

On May 4, 2018, Brian Mercer facilitated an AMATYC Traveling Workshop for approximately 30 mathematics faculty titled "Taking Control: Designing Math Pathways on Your Own Terms" during the annual MinnMATYC conference held in Duluth, MN.

During this workshop, Brian informed participants about options that colleges have to achieve a shortened path for students to find success in the developmental courses leading to college-level math courses. The workshops were very interactive with opportunities for faculty to ask questions and give input throughout the workshop. Brian stated that whatever pathways strategies a college chooses to use, the best results will occur if mathematics faculty are involved in the decision. The workshop attendees were given much "food for thought" and came away more knowledgeable and able to make informed decisions about shortening the path from developmental to college-level math courses.

Collaboration Corner

by Jon Oaks, Midwest Vice President and
Brian Winkel, Director SIMIODE

SIMIODE - Systemic Initiative for Modeling Investigations and Opportunities with Differential Equations is a non-profit community of faculty and students committed to using modeling to motivate the teaching and learning of differential equations. SIMIODE is also currently supported by a three-year National Science Foundation Grant (2018-2021).

Some ways for the AMAYTC community to collaborate with SIMIODE include:

- Joining SIMIODE for free at www.simiode.org and exploring the hundreds of available resources, including the videos on the SIMIODE YouTube Channel, which are useful in collecting experimental data for modeling.
- Participating in NSF Funded SIMIODE workshops each summer for (1) developers of materials and (2) practitioners who want to learn about modeling in coursework. In July 2019, the workshops are at George Fox University, in Newberg, OR. Additional details will be announced soon.
- Reading the article, "Resources, Community, and Support for Teaching Differential Equations Through Modeling," in the September 2017 issue of *MathAMATYC Educator*.

The collaboration between AMATYC and SIMODE is timely as differential equations is a growing course offering in two-year colleges and the price is right at www.simiode.org - FREE!

Conference Tidbits

Watch for the following events:

- ✦ October 24* - Webinar "Conference 101"
- ✦ October 31 - Webinar "Preparing for the Main Attraction"
- ✦ Video previews from keynote or featured speakers
- ✦ Schedule for Facebook Live Q&A after presentations - who would you like to hear? Send suggestions to programcoordinator@amatyc.org

* Miss these live events? Find a link to the YouTube video on the AMATYC webinar site.

AMATYC Foundation 2017 Honor Roll

Throughout the past year, there have been many contributions to the AMATYC Foundation. These donations help AMATYC support its initiatives such as Project ACCESS, traveling workshops, and grants. Contributions also fund the following awards: Margie Hobbs, Leila and Simon Peskoff, Wanda Garner Presidential Student Scholarship. All contributions help AMATYC achieve its vision to be the leading voice and resource for excellence in mathematics in the first two years of college.



The following is a list of donors and affiliates who during 2017 made these very generous gifts. Thank you! AMATYC strives to ensure accuracy within this Honor Roll listing of all the donors for the 2017 year. If information is incorrect or if members prefer their name to be listed differently in the future, please email Beverly Vance at amatyc@amatyc.org so the appropriate corrections can be made to the Foundation database.

President's Club

Anonymous
Allen Angel
Cheryl Cleaves
Karen Gaines
Pat McKeague
Fred Peskoff
Gary Rockswold
William Steenken
Nancy Sattler
Jane Tanner

Cheryl Ooten
Lawrence Page
John Pazdar
Andy Pogosyan
Nancy Rivers
Behnaz Rouhani
Dennis Runde
Ned Schillow
Sharon Sledge
John Smith
Shannon Solis
Barbra Steinhurst
Janet Tarjan
Laura Watkins
Susan Wood

Dominique Banner
Stefan Baratto
Daniela Bardac-Vlada
Amy Barnsley
Brandon Bartley
Holly Bass
Mary Beard
Rochelle Beatty
Rheannin Becke
Rodney Beckner
Judy Beecher
Amy Bell
John Bennett
Luanne Benson-Lender
Jessica Bernards
Rachel Black
Rikki Blair
Linda Blanco
Jason Boehm
Megan Bomer
Bruce Bordwell
Phil Bossaers
Stephenie Bozdogan
Branson Brade
Terrie Breetzke
Megan Breit-Goodwin
Sarah Bretches
Eddie Britt
Timothy Britt
Kyndra Brown
Sue Broxholm
Harry Burt
Denny Burzynski
Kelly Cannon
Michael Caparula
Robert Cappetta
Wendy Carden
Mark Carlson
Tom Carson
Martha Chalhoub
Jackie Chalmers
Vinodh Chellamuthu
Carl Clark
Krista Cohlmlia
Joseph Conrad
Susan Cooper-Nguyen
Anna Cox
Milena Cuellar
Brad Dallas
Lawrence Danforth
R. Michael Darrell
Seth Daugherty
Michael Davis
Glen Day
Johanna Debrecht
Mary DeHart

Joanna DelMonaco
Jody DeWilde
Holly Dickin
Jeanine DiDonato
Janell D'Mura
Elizabeth Doane
Eden Donahou
Michelle Doucette
Paul Drelles
Thomas (TJ) Duda
Irene Duranczyk
Mark Earley
Tammy Ebert
Cynthia Ediger
James Egan
Margaret Ehrlich
Joseph Elakodical
Christina Elliott
Wade Ellis Jr.
Chana Epstein
Liana Erstenyuk
Evan Evans
April Falardeau
Ian Falu
Tonia Faulling
Lisa Feinman
Kevin Fink
Michael Finley
Austina Fong
Sonia Ford
Wendy Fresh
Dena Frickey
Jie Frye
David Furney
Matt Gargis
Robert Garofalo
Debbie Garrison
Andy Geary
Peter Georgakis
Patty George
Judy Giffin
Larissa Gilbertson
Timothy Glatzer
Shanna Goff
Gregory Goodhart
Alida Gookin
Kim Granger
Myrta Groeneveld
Kelly Groginski
Becky Groseth
Kara Gruenberg
Carol Gudauskas
Brian Hagelstrom
Florian Haiduc
Mark Harbison
Joseph Harrington

Valerie Harris
Julie Hartzler
Kevin Hastings
Grettel Hecht
James Hedges
Christy Hediger
Todd Hendricks
Carol Henry
Alfonso Heras-Llanos
Jim Hersberger
Paul Hessert
Kaat Higham
Andrea Hoagland
Curtis Hobbs
Dale Hoffman
Lori Hoffman
Shauna Hoffman
Peg Hohensee
Daniel Holder
Kathleen Holmes
Joy Hosey
Carol Howald
Deborah Howard
Nely Hristova
Cheri Hudgeons
Jeff Hughes
Kevin Hulke
Chris Hulleman
George Hurlburt
Liz Hylton
Maxie Inigo
Vasu Iyengar
Kendall Jacobs
Teri Jaeger
Dale Johanson
Stephanie Garofalo
Barbara Johnson
Rachel Johnson
Sue Ann Jones Dobbyn
Tommy Jones Jr.
Cathay Jordan
Laurie Keatts
Marty Kellum
Christopher Kerns
Andrew Kerr
Michelle Kershner
Donna Kessler
Elizabeth Kiedaisch
Elizabeth King
Judy King
Tamela Kostos
M. Sunil R. Koswatta
Kathryn Kozak
Kyle Kundomal
Raymond LaBounty
Timothy Lackner
Michael Lafreniere

Patron

Judy Ackerman
Dale Ewen
Rob Farinelli
Gregory Foley
Shandy Hauk
Alice Kaseberg
Marilyn Mays
Ronald Rosier
Michael Sullivan
Peter Wildman

Supporter

Thomas (Tom) Adamson
Aaron Altose
Leslie Banta
Jodi Cotten-Konsur
David Dudley
Dennis Ebersole
Dan Fahringer
Fenecia Foster
Andreana Grimaldo
Julie Gunkelman
Jack Keating
Steve Kifowit
Jessica Lickeri
Lynn Marecek
Michael McKinney
Christine Mirbaha
Mary Beth Orrange
Marianne Rosato
Turi Suski
Debra Swedberg
David Tannor
Elizabeth Teles
Gwen Turbeville
Anne Praderas Vance
Jane-Marie Wright

Sponsor

Geoffrey Akst
ArizMATYC
Ernie Danforth
David Ellenbogen
Wanda Garner
James Ham
Nicole Lang
Philip Mahler
MinnMATYC
TexMATYC

Friend

Scott Adamson
Elizabeth Betzel
Yumiko Clark
Annette Cook
Guy De Primo
Keven Dockter
James Eby
Jennifer Garner
Sophia Georgiakaki
Carol Hannahs
Jeffrey Herrin
Tim Kane
Linda Kodama
Diane Koenig
Terrence Maguire
Eric Matsuoka
Vilma Mesa
Kathy Mowers

Contributor

James Adair
Damien Adams
Froozan Afiat
George Alexander
Chris Allgyer
Jennifer Applebee
Kathy Arcangeli
Aisha Arroyo
Alvina Atkinson
Alexander Atwood
Stacey Auman
Colleen Babilya

AMATYC Foundation 2017 Honor Roll

Jae Ki Lee	Curtis Mitchell	Dan Petrak	Ella Sitkin	Sidra Van De Car
James Lee	Cindy Moore	Julie Phelps	Britt Slade	Laura VanDeKop
Maryke Lee	Cristina Moore	Marina Philips	Spencer Slade	Kurt Vanderhoef
Sang Lee	James Moore	Davidson Pierre	Brian Smith	Claire Vassiliadis
Richard Leedy	Jeff Morford	Sandra Poinsett	Jason Smith	Veronica Villa
Cynthia Light	Penny Morris	Kimberley Polly	Julia Smith	Andria Villines
Joyce Lindstrom	Ben Moulton	Matthew Prugel	Rita Sowell	Cindie Wade
Mike Long	Carol Mueller	Ashley Priem	Marie St. James	Bruce Wahl
Tammy Louie	Carrie Muir	Jackie Radle	Tess St. John	James Walker
Phoebe Lutz	Rachel Mullins	Linda Retterath	Anders (AJ) Stachelek	Drake Wallick
Mei Luu	Brian Murphy	Lorisha Riley	Tamara Steffy	Luke Walsh
Anne Magnuson	Deanna Murphy	Pat Riley	Becky Stephens	Shirley Wang
Julie Maier	Keith Nabb	Eva Rivera-Lebron	Lyudmila Stephens	Sherri Warren
Maureen Maikner	Serine Ndiaye	Sabrina Robinson	Teresa Stricklin	Libby Watts
Ilva Mariani	John Nedel	Matthew Rogala	Katherine Struve	Elizabeth Weaver
Bradley Marovich	Hala Nestberg	Arlene Rogoff	Patricia Suess	Anh Weis
Tammi Marshall	Jennifer Nohai-Seaman	Joan Romano	Tammy Sullivan	James Wenson
Kimberley Martello	Rodney Null	Lara Rosenberger	Karen Summerson	Greg Wheaton
James Martin	Kristin Oakes	Steve Rosin	Amanda Sweeney	Sandra Wildfeuer
Terri Martin	Jonathan Oaks	Jack Rotman	Sharon Sweet	Paula Wilhite
Cynthia Martinez	Dorrit O'Hallaron	Susan Russe	Marcia Swope	Darlene Williams
Carolyn Masserang	Reina Ojiri	Larisa Russell	Mel Taylor	Deanne Williams
Donna Matthews	Kinga Oliver	Julianne Sachs	Janine Termine	Judy Williams
Timothy Mayo	Louise Olshan	Kelly Sakkinen	Casey Terrill	Brent Wilson
Scott McClendon	Mark Omodt	Caroline Sampson	Kelly Thannum	Lisa Winch
Jeremy McClure	Meg Onoda	Scott Saunders	Krishna Thapa Magar	Darlene Winnington
Samuel McDonald	Enyinda Onunwor	Sean Saunders	Lori Thomas	Mary Lou Wogan
Natalie McGathey	C. Altay Özgener	Laura Schlessiger	Shawanda Thomas	Rebecca Wong
Kim McHale	Ralph Padgett	Ruthmae Sears	Jennie Thompson	Casandra Wright
Jake McIntyre	Sarah Park	Kambiz Shahroudi	Scotty Thompson	Tzong-Hwa Wu
Haley McNamara	Sarah Pauley	Robin Shipkosky	Stewart Thornburgh	Rebecca Wulf
Donna McNatt	Michael Pemberton	Nadia Sidi Baba	Stephen Toner	Elmira Yakutova-Lorentz
Rinav Mehta	Paige Perry	Steven Sikes	Jennifer Townsend	Bradley Young
Jonathan Meshes	Meimee Persau	Keri Siler	Jennifer Travis	Patty Zabel
Aliza Miller	Ryan Pescosolido	Jana Sime	Beth Tsai	Jianfeng Zhang
Sarah Miller	Michael Peterson	Renald Simmons	David Usinski	Brian Zimmerman
Chris Milner	Scott Peterson			

Remember the Past, Celebrate the Present, Invest in the Future

by Jane Tanner, AMATYC Foundation Chair

Breaking news ... The AMATYC Foundation has received a very generous contribution from John Garner, brother of past Executive Director Wanda Garner. Those who knew Wanda know that she was one of AMATYC's strongest cheerleaders and that she was a staunch supporter of our programs. John's donation has been used to endow the existing Wanda Garner Presidential Student Scholarship as well as the new Wanda Garner Memorial Fund for Grants and Projects. These two funds will ensure that Wanda's influence will be felt in the future as well as recognizing deserving students and supporting grants and projects that further AMATYC's mission.

The AMATYC Foundation will continue to have a presence at the 2018 Annual Conference in Orlando. The Foundation table will again be near the registration area to encourage members to make contributions while attending the conference. Or, contribute at www.amatyc.org/donations before you ever board Disney's Magical Express to head to the Coronado Springs Resort.

The ever popular dot campaign and regional competition will continue in Orlando. Attendees are encouraged to donate a dollar for each AMATYC conference attended. The regional vice presidents are very competitive and will be selecting two

donors from the region at the Friday regional luncheons. The winner from the region with the highest percentage of donation participation will receive a one-year AMATYC membership. The winner from the region with the highest dollar amount in donations will receive a two-year AMATYC membership. All donors will be eligible for a complimentary discount member registration to the 2019 AMATYC Conference in Milwaukee or a three-year AMATYC membership. The winning donor will be announced at the Saturday Awards Breakfast. If members are not able to attend the conference in Orlando, donations will be included in the regional totals as well as being eligible for all of the drawings.

Donations are important to AMATYC! The Foundation looks forward to seeing your name on the AMATYC Foundation 2018 Honor Roll next year!



Diane Koenig, Editor
AMATYC News
Southwest Tennessee CC
5983 Macon Cove
Memphis, TN 38134

Focus on Affiliates: MATYCONN

by Harry Burt, MATYCONN President



The Mathematical Association of Two-Year Colleges of Connecticut (MATYCONN) is one of the Northeast region affiliates and was incorporated on June 10, 1972. Some of the early leaders included Betsy Doane, Roger Loiseau, Peter Wursthorn, Jean Smith, Ethel and Saul Dursht, Phil Glynn, Thomas Newton, and Inez Everest. We have always been

part of our parent organization, AMATYC, and many of us have attended the annual conferences, and been involved as presenters, presidors and delegates. In the 1990's, we were part of the efforts to allow the campuses to use the Accuplacer for testing. According to its constitution, the objectives are:

- To maintain a continual dialogue among all Two-Year Colleges represented by the organization on all matters pertaining to the mathematics that is taught at the Two-Year Colleges.
- To make ourselves available in any area pertaining to mathematics where we may be of assistance.
- To continually improve the teaching of mathematics.
- To promote and enhance the professional welfare of all teachers.

MATYCONN holds two business meetings each academic year, one in the fall semester in October and one in the spring semester in April. Each community college takes a turn hosting the meeting. The format is generally a business meeting followed by a professional development presentation and then a meal. The executive board

strives to alternate presentations between mathematically oriented topics and educationally oriented topics. The association has, for the past 29 years, run a popular statewide math contest; the top three scorers are awarded monetary prizes. MATYCONN also awards up to three merit-based scholarships per year. The organization maintains a robust website for meeting information, online meeting registrations, past minutes, faculty and student resources, as well as scholarship and math contest information. In addition, MATYCONN produces a newsletter once a year in the fall, and maintains a strong partnership with the state Math Issues Committee which is charged with insuring the content integrity and course numbering of mathematics courses offered across all 12 community colleges.

In the time since MATYCONN was last featured by AMATYC, it lost a truly great leader. Miguel Garcia-Negron was one of the founders of MATYCONN and was actively involved with the organization until his death in 2014. Miguel was an early professor of mathematics at Gateway CC in New Haven as well as department chair for a period of time. He was a long-time force for change and innovation within the mathematics community in Connecticut. Miguel was passionate about fractal geometry and chaos theory and encouraged MATYCONN members to learn about fractals. Those who worked with him characterize him as a beloved professor and colleague who always made time to spend with his students and fellow educators. Miguel was a diplomat who endlessly encouraged people to find what they had in common. MATYCONN would not be the organization it is today without the solid leadership of Miguel Garcia.

Volume 33 Number 4 October 2018

AMATYC
NEWS™

ISSN: 0889-3845