

The 2018-2019 AMATYC Executive Board

There are six new members serving on AMATYC's Executive Board.

- **Behnaz Rouhani**, Professor at Georgia State University, Perimeter College, is the new AMATYC Secretary. She is the former chair of the Placement and Assessment Committee.
- **Rochelle Beatty**, Associate Professor at Kansas City Kansas CC, is the new Central VP. She has been active in several AMATYC developmental mathematics initiatives.
- **Sophia Georgiakaki**, Professor at Tompkins Cortland CC, is the new Northeast VP. She is active in NYSMATYC, having served many years on its executive board.
- **April Ström**, Glendale CC, is the new Southwest VP. She is the president of ArizMATYC, was the former chair of the RMETYC committee, and played an active writing role in *AMATYC IMPACT*.
- **Sarah Pauley**, Associate Professor at Western Wyoming CC, is the new Northwest VP. She served as the president of WYMATYC and is a Project ACCESS alum (Cohort 2).
- **Eric Matsuoka**, Professor at Leeward CC, is the new West VP. He is active in PIMATYC, having served several terms as president.

These six new members, along with seven board veterans, will carry on the long tradition of excellence in AMATYC leadership.



Back (L to R): Eric Matsuoka, West VP, University of Hawaii - Leeward CC; Nancy Rivers, Southeast VP, Wake Technical CC; Behnaz Rouhani, Secretary, Georgia State University, Perimeter College; David Tannor, Treasurer, Baker College; Jon Oaks, Midwest VP, Macomb CC; Sarah Pauley, Northwest VP, Western Wyoming CC; Sophia Georgiakaki, Northeast VP, Tompkins Cortland CC; Dan Fahringer, Mid-Atlantic VP, Harrisburg Area CC
Front (L to R): Rochelle Beatty, Central VP, Kansas City Kansas CC; Jane Tanner, Past President, Onondaga CC; Jim Ham, President, Delta College; Kate Kozak, President-Elect, Coconino CC; April Ström, Southwest VP, Glendale CC

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AMATYC 2018, A Disney Adventure!

by Penny Morris, Orlando Local Events Coordinator



The location of the 2018 AMATYC conference will be at the Coronado Springs Resort, on the Disney property, in sunny Orlando, FL. Although the weather in November is gorgeous, the atmosphere at Coronado Springs is exquisite.

This place IS the "happiest place on earth." You can enjoy a leisurely stroll around the lake or a refreshing swim in one of the themed pools; you can hop on the Disney bus system and explore the other resorts, shop at Disney Springs, or eat at one of the themed restaurants. If you are feeling adventurous, you can purchase a discounted evening pass to one of the parks to see a fantastic show or experience a breath-taking ride on one of the many attractions. Reservations for rooms are available now. Let's all enjoy the math and the magic at Coronado Springs.

To book your hotel room, purchase discount park tickets, and learn more about the 2018 conference at Disney, visit www.mydisneygroup.com/amatyc2018.



Disney's Coronado Springs Resort



What is Your Vision for AMATYC?

Jim Ham

Delta College • University Center, MI

In 1994, I took my first teaching position at a community college, Delta College. My department chair at the time, Jim Roznowski, invited me to attend the AMATYC conference that year in Tulsa; I have been a fan of AMATYC ever since. I have made many great friends and professional connections, and I have learned so much about effective teaching through my involvement in AMATYC. It is a great honor to be stepping into the role of President of this great organization. My long-time membership and Board involvement in AMATYC have positioned me well for what I know will be an exciting two years.

I was asked the question, "What is your vision for AMATYC?" several times at the recent AMATYC annual conference in San Diego. Since no single member is the owner of the AMATYC vision, this is a difficult question. What I can say is that it will be my privilege to lead the organization as it continues to implement the member-created strategic plan. There are current AMATYC initiatives that I am passionate about, and I am optimistic that the new board will continue to advance the initiatives and projects already in process, and will create new ideas and initiatives with the help of our members. Some of the ongoing initiatives include the following.

IMPACT: Improving Mathematical Prowess and College Teaching

The *IMPACT* steering committee and writing team are busy putting the finishing touches on this new AMATYC publication. The document is a guide to help two-year college faculty and educators to improve student success and college teaching. Integral to the guide are vignettes illustrating the four pillars of mathematical *PROWESS*: P^{RO}ficiency, O^Wnership, E^{NG}agement and S^{TU}dent Success. Also included are up-to-date references in support of the guide's recommendations. The most exciting part of the *AMATYC IMPACT* project will be collecting the numerous member contributions (blogs,

research, etc.) for dissemination on the AMATYC *IMPACT Live!* website. I would like to thank Mary Beth Orrange and Nancy Sattler for their leadership of this initiative over the past three years, and Julie Phelps and Evan Evans for leading the initiative moving forward.

The AMATYC Student Research League

AMATYC has sponsored the Student Mathematics League since 1981. This competition has grown to include about 180 colleges and 10,000 two-year college students. This year will be the inaugural year of a new mathematics competition, the AMATYC Student Research League, under the leadership of Karen Gaines and Holly Ashton. Similar to the format of the SIAM-sponsored Moody's Mega Math Challenge for high school students, this competition will involve teams of two-year college mathematics students. It will span about nine days and will include both a mathematics challenge problem and a research component. This new competition is one way AMATYC is working with our partner organizations to advance our common vision of promoting modeling in the first two years of college.

Mathematical Pathways

Several pathways models, such as the Dana Center's Mathematics Pathways, Carnegie (WestEd) Math Pathways, or AMATYC's New Life, have been implemented across the country at many colleges. However, these models may not be the best fit for all programs at all colleges. Consequently, a new Pathways Joint Subcommittee was created to facilitate discussion of issues related to the new mathematics pathways. Discussion topics include (1) creating pathways for both STEM and non-STEM students; (2) whether to include a corequisite component; (3) models for accelerating students through the developmental mathematics curricula; and (4) the transfer of new pathways courses. Regardless of the model, it

is a worthwhile goal to increase student degree completion in the shortest number of semesters possible.

Promoting Research

AMATYC supports its member researchers and their research. While no single research study or report should determine policy, we recognize the importance of research in informing our actions and classroom discourse. AMATYC recently has written letters of support for several national grants initiated by AMATYC members and will continue to do so. In addition, AMATYC is administering an NSF grant, *Project SLOPE*, led by Megan Breit-Goodwin, Ann Sitomer, and Jacqueline Dewar. This grant seeks to advance classroom research in the first two years of college and potentially create an AMATYC research associate program.

Equity in Mathematics

Two important goals of the 2018-2023 Strategic Plan are to encourage more students from underrepresented groups into STEM-related fields and to recruit colleagues from underrepresented groups to play leadership roles within AMATYC. An ad-hoc committee led by Jon Oaks has drafted an "Equity in Mathematics" position statement; it will be shared soon with the AMATYC community.

Professional Development

Professional development is central to AMATYC's mission, and it is something we do well. Our conference committee, led by Keven Dockter and members, Judy Williams, Honey Kirk, Darlene Winnington, Jay Martin, and Nathalie Vega-Rhodes, consistently plan an annual conference that is a premiere event attendees rave about. Next year, a third developmental mathematics summit, sponsored in part by AMATYC, NADE, Carnegie, Dana Center, and Paul Nolting, will be held in the days prior to the 2018 Annual Conference in Orlando. Throughout the year, our monthly webinar series brings members

➤ *Continued on page 14*

2017 AMATYC Teaching Excellence Awardees

The AMATYC Teaching Excellence Award was recently presented at the 43rd Annual AMATYC Conference in San Diego, CA, to eight mathematics educators. Recipients of the award (pictured below) were Elizabeth Betzel, Dona Boccio, Robert Cappetta, Lorinda Fattic, Sophia Georgiakaki, Kendall Jacobs, Robert Martinez, and Kimberley McHale.

Each of the awardees is very active professionally and has made important contributions to mathematics education in the first two years of college. Ongoing professional development and leadership characterize all of the awardees. Teaching excellence is the main focus of the award. You can read about some of the accomplishments of the 2017 awardees on the AMATYC website.

The awardees were honored during the Opening General Session of the annual conference. President Jane Tanner presented each awardee with a medallion from AMATYC. Chris Hoag of Pearson also congratulated each awardee on stage. Pearson sent each awardee a check for \$500. Thank you to Pearson for their continued support of the Teaching Excellence Award.

Thank you to the members of the 2017 TE Award Committee for their work in reading the 26 nominations and making the incredibly difficult decision of selecting the eight awardees. Members of the committee included Nancy Fleming, Diane Benner, Frank Monterisi, Paul McCombs, Dale Johanson, Sandra Williams, Judy Atkinson, and Mary Beard. Finally, thank you to all of the many nominators who took the time to honor their colleagues and profession for the outstanding work they do in educating mathematics students in the first two years of college. It was truly inspiring to read the letters and accomplishments of all nominees.

Congratulations to the 2017 AMATYC Teaching Excellence Award recipients!



Chris Hoag, Pearson; Robert Martinez, Pierce College; Elizabeth Betzel, Columbus State CC; Dona Boccio, Queensborough CC; Lorinda Fattic, University of Fairbanks - Fairbanks; Sophia Georgiakaki, Tompkins Cortland CC; Robert Cappetta, University of Illinois, Chicago; Kendall Jacobs, Casper College; Kimberley McHale, Heartland CC; and Jane Tanner, AMATYC President



..... Collaboration Corner

by Jon Oaks, Midwest Vice President

NADE is the National Association for Developmental Education. Its motto is, "Helping underprepared students prepare, prepared students advance, and advanced students excel." Prepare. Advance. Excel. If this sounds familiar, it is because this is exactly what AMATYC does. Both NADE and AMATYC exist for students and both do what is best for students.

AMATYC and NADE have several collaborations:

- NADE has state chapters, similar to AMATYC affiliates, which gives NADE and AMATYC members an opportunity to collaborate at a local level.
- NADE and AMATYC have reciprocal agreements, allowing each organization to have an exhibitor's booth

at the other's conference and allows each organization's president to present at the other's conference.

- NADE and AMATYC will host the Third National Developmental Mathematics Summit that will be held in Orlando on November 14-15, 2018, as a preconference event to the 2018 AMATYC Annual Conference.

NADE is an organization nearly as old as AMATYC. NADE will be holding its 42nd Annual Conference on February 21-24, 2018, at the Gaylord National Resort & Conference Center in National Harbor, MD. More information on NADE and its conference can be found at www.thenade.org.

2017 Herb Gross Presidential Awards Announced



Keven Dockter receiving award from Jane Tanner, President

Keven Dockter and the AMATYC Office Staff were recognized with Herb Gross Presidential Awards at the AMATYC Annual Conference in San Diego. The award recognizes exceptional service to AMATYC and to the mathematics education profession.

Keven was the Local Events Coordinator for the 2007 New Orleans Conference held in Minneapolis.

He did such a great job that he became the Conference Coordinator shortly thereafter. He shadowed Margie Hobbs for a year but, as he tells the story, her version of shadowing was putting him directly into the line of fire immediately.

AMATYC is extremely grateful to have Keven as conference coordinator as he is a skillful negotiator, working with hotels, convention centers, and visitor bureaus. He will have served as conference coordinator for ten years when he completes his second term this year. He could have a job with any event management company as he is that good. Everyone at AMATYC knows that and appreciates all that he does to make the conference a success.

Keven's college, Anoka-Ramsey CC, has recognized his award at www.anokaramsey.edu/news/math-instructor-honored-with-prestigious-award-at-national-conference/.

The **AMATYC Office Staff** was also recognized with the presidential award. They are **Beverly Vance**, Office Director; **Christy Hunsucker**, Accounting Director; **Christine Shott**, Publications Director; and **Linda Ragland**, Technical Clerk. Together these women have nearly 63 years of service to AMATYC.

Each brings a special set of skills that allow for the smooth running of the day-to-day operations of the office. The team eagerly has worked on using technology to automate many procedures thus increasing productivity.

Each member of our office staff says that a favorite part of their job is to come to the annual conference to see members who attend every year as well as making new friends. Even though preparing for and attending the conference is a hectic

time for them, their collective enthusiasm ensures that all in attendance have a great experience.

After moving to Memphis from Tuscaloosa, AL, Beverly started working part-time for AMATYC and then became the Office Director full-time in 1998. In this role she is responsible for the membership database management and reporting as well as general office operations.

Starting as a student worker while she attended Southwest Tennessee CC, Christy has been with AMATYC over 24 years. After graduating in 1995, she became a full-time employee responsible for all of the financial operations of the organization as well as assisting with the office's conference tasks.

Christine has been with AMATYC over 18 years and is responsible for the production – typesetting, layout, and printing – of the *AMATYC News*, the conference publications, and assorted documents and flyers. She also assists with the office's conference tasks and preparations for the Spring Board Meeting.

Linda has been AMATYC's Technical Clerk for a little more than a year. Her duties include many office administrative and clerical duties such as answering phones, processing mail and payments, producing monthly reports, preparing correspondence, and filing.

Beverly, Christy, Christine and Linda are dedicated colleagues who are an important part of our AMATYC family.



The AMATYC Office (L to R): Christy Hunsucker, Beverly Vance, Linda Ragland, and Christine Shott

AMATYC IMPACT has arrived!

by Julie Phelps, Mathematics Standards in the First Two Years of College Committee, Chair

AMATYC's new document, *AMATYC IMPACT: Improving Mathematical Prowess And College Teaching*, has arrived and can be found at www.amatyc.org/impact. The *AMATYC IMPACT* document is a guide on how to have an IMPACT on your students, faculty, department/institution, state and nation.

The main components of the document are based on the four pillars of PROWESS: PROficiency, OWnership, EngagemenT, and Student Success. This document provides guidance to inspire and challenge all who have a role in education to take action to develop PROWESS in students. Every component of mathematics education (instruction, curricula, assessment) together with individual roles as stakeholders (faculty, departments, institutions, policy makers) should focus on PROWESS. Together this impact

will have a ripple effect on positive change in mathematics classrooms and will affect the success of thousands of students each semester.

To begin making an impact, read the document and apply it to your own role in mathematics education. You are invited to join AMATYC's Standards Committee. To do this go to www.amatyc.org and sign-in. Click on the Groups tab, the last tab on the left side of the page. Then select AMATYC Committees followed by Mathematics Standards (*IMPACT*). By joining the committee you will be part of creating digital products for IMPACT Live!, the online component of *IMPACT*, and promoting AMATYC's standards.

For more information contact Julie Phelps at jphelps@valenciacollege.edu.

Project ACCESS — A Prime Time was Had!

by Christy Hediger, Project ACCESS Coordinator

The AMATYC conference in San Diego, CA, brought together 48 Project ACCESS Fellows from two Cohorts. The Fellows were busy in sessions ranging from *Challenges for Faculty* to *Going Green in the Classroom*. A special thank you to the following presenters: Jennifer Applebee*, Maureen Maikner*, Ralf Youtz, Emiliano Vega, Tammy Louie*, Jessica Bernards*, Austina Fong*, Rob Eby*, and Kyley Segers* (*ACCESS Alum). Additionally, thanks go to the many other ACCESS Fellows who assisted with Project ACCESS in a variety of ways, including presiding over Project ACCESS sessions and working behind the scenes.



Upholding tradition, Cohort 13 Fellows presented projects that they implemented in their classes, at the poster session during the conference. Cohort 14 Fellows met with mentors to help them formulate ideas for their projects, which they will present at the poster session in Orlando, FL. Thank you to those who have served as mentors for the Fellows. If you are interested in being a mentor for Cohort 15, please contact Maureen Maikner, Project Assistant, at mmaikner@lccc.edu.

If you, or a colleague, will be in the first three years of teaching full-time at a community college during the 2018-2019 academic year, please consider applying for Cohort 15 of AMATYC Project ACCESS that will meet for the first time at the 2018 AMATYC Annual Conference in Orlando, FL. Details about Project ACCESS can be found on the AMATYC website by clicking on the Project ACCESS logo or by going to the Project ACCESS website at www.amatyc.org/ACCESS.

Cohort 13



- Row 1: Khoi-Nguyen Nguyen, Michael Finley, Terrie Breetzke
Row 2: Matthew Musselman, Ellen Matheny, Sonya Redmond, Adriana Mendoza Milligan, Shelbi Mayo, Preeti Singh, Carrie Muir, Abigail Brackins, Ryan Pescosolido,
Row 3: Krishna Thapa Maga, Jonathan Tyler, Liana Erstenyuk, Elizabeth Weaver, James Wenson, Patrick Fingerson, Marty Kellum, Kevin Fink, Christina Elliot, Jeanine DiDonato, Timothy Glatzer
Not pictured: Amit Mishal

Cohort 14



- Row 1: Ashley Priem, Lorisha Riley
Row 2: Jamie Kneisley, Laurie Keatts, Grace Nasnas, Entela Xhane, Kristin Lui-Martinez, Casey Terrill, Lara Rosenberger, Prudence York-Hammons, Diane Hill
Row 3: Vinodh Kumar Chellamuthu, Patty Zabel, Jacquelyn Coe, Elizabeth Meena, Jie Frye, Stacey Auman, Rachel Marcial, Michael Peterson, Matthew Gargis, Brooks Ziegler, Mark Carlson, Hieu Do, Mei Luu



CBMS 2015 National Survey of Mathematics Departments

TWO-YEAR
COLLEGE
QUESTIONNAIRE

CONFERENCE BOARD OF THE MATHEMATICAL SCIENCES

Every five years, the Conference Board of Mathematics Sciences (CBMS) sponsors a national survey that collects data about curriculum, pedagogy, enrollment levels, graduates, and faculty in undergraduate mathematical sciences departments in US two-year colleges and four-year colleges and universities.

The CBMS 2015 questionnaire was sent in the fall of 2015 to the mathematics department chairpersons of 222 two-year colleges, a random sample chosen from the list of all public two-year colleges in the U.S. The survey response rate was about 54% of the sample as 119 surveys were returned. The two-year college team included Rob Farinelli, College of Southern Maryland, MD; Rob Kimball, Wake Technical CC, NC; John C. Peterson, Chattanooga State CC, TN; and Linda Zientek, Sam Houston College, TX.

The tables and accompanying document are currently in production. Drafts of the tables and chapters are currently posted at www.ams.org/cbms/cbms2015-work. Expected publication date is Spring 2018. Notable highlights of the CBMS 2015 data include the following estimates:

- Two-year college institutional enrollment in fall 2015 was 6,216,000 students, a decrease of 14% compared with fall 2010.
- Two-year college mathematics enrollment was 2,012,000 students, a decrease of 4% compared with fall 2010.
- Two-year college mathematics enrollments were 41% of all post-secondary mathematics enrollment.
- Two-year college Precollege course enrollment (Arithmetic, Pre-Algebra, Elementary Algebra, Geometry, Intermediate Algebra) was 782,000 students, a decrease of 32% from fall 2010.
- Two-year college Precalculus enrollment (College Algebra, Trigonometry, College Algebra & Trigonometry, Mathematical Modeling, Precalculus/Elem Func/Analytic Geom) was 445,000 students, an increase of 21% from fall 2010.
- Two-year college Calculus enrollment (Mainstream and Non-Mainstream) was 52,000 students, an increase of 1% from fall 2010.
- Two-year college Statistics and Probability enrollment was 280,000 students, an increase of 104% from fall 2010.
- Fifty-eight percent (58%) of responding colleges reported that they had implemented a Pathways course sequence. Pathways was defined to be “a redesign of a mathematics sequence that provides students with an alternative course or sequence to/through developmental mathematics and to/through a college-level mathematics or statistics course.”
- The number of full-time permanent faculty in two-year colleges was 8,300 in fall 2015, a decrease of 15% from fall 2010. Full-time continuing or other full-time faculty numbered 1,490, and increase of 37% from fall 2010.
- The number of part-time faculty in two-year colleges was 17,900 in fall 2015 and represented 67% of all mathematics faculty, a decrease of 3% from fall 2010.
- Twenty-three percent (23%) or 1,880 faculty were ethnic minorities in fall 2015, with the largest groups being Asian/Pacific Islander, followed by African American and Hispanic.

The highlights above are a small sample of the data that is available in the tables and chapters in the document. In addition to more information about individual course enrollment, faculty demographics, instructional strategies for two-year colleges, there is a great deal of data presented about four-year institutions and faculty too. For more information go to the website. You will surely find the data very interesting.

If you would like to see the 1990, 1995, 2000, 2005, and/or 2010 publications of CBMS survey results, go to the CBMS website: www.cbmsweb.org. All tables and chapters are available for download.

If you have any questions, please contact Rikki Blair (Richelle.blair@sbcglobal.net), CBMS2015 Two-Year College Team Leader.



Presidential Student Scholarship Renamed to Honor Wanda Garner

by Jane Tanner, President



Wanda Garner

AMATYC's Presidential Student Scholarship was established in 2014 to encourage the study of mathematics by students enrolled in institutions of higher education. This scholarship is given annually to a student studying mathematics, mathematics education, or statistics.

This scholarship was renamed the Wanda Garner Presidential Student Scholarship to honor Wanda and her lifetime of accomplishments within AMATYC. Not only did Wanda serve as Executive

Director at the time of her passing she also was regional vice president for two regions, board secretary, president, and program coordinator for our conferences.

Jennifer Garner, Wanda's sister-in-law and close friend, was present at the opening session of the AMATYC conference in San Diego. She, along with many colleagues from Cabrillo College, were able to share in the love the AMATYC family has for Wanda.

Wanda's memory will be kept alive in our hearts by honoring students who are pursuing their dreams. Consider nominating a deserving student to receive the Wanda Garner Presidential Student Scholarship. Details can be found at www.amatyc.org/PresStudentScholar.



Jennifer Garner and Jane Tanner

Presidential Student Scholarships Awarded in San Diego

by Nancy Sattler, Past President

Fourteen affiliates submitted names for the AMATYC Presidential Student Scholarship drawing held at the affiliate presidents' luncheon in San Diego at the AMATYC annual conference. Submitting names were ArizMATYC, CMC³, ColoMATYC, FTYCMA, GMATYC, IMACC, KY-MATYC, MATYCNJ, MichMATYC, NCMATYC, NMMTYC, NYSMATYC, TexMATYC, and WAMATYC. This year's winner was Alexandra Gloskowski, Genesee CC, nominated by Patty Owens from NYSMATYC. Alexandra will receive a check for \$1,000 from AMATYC.

The purpose of the AMATYC Presidential Student Scholarship is to encourage the study of mathematics by students enrolled in institutions of higher education. At the 2017 fall board meeting, the AMATYC Executive Board voted to change the name of the scholarship to the Wanda Garner Presidential Student Scholarship to honor AMATYC's Executive Director, and past president, Wanda Garner, who passed away unexpectedly in August. The list of majors for the scholarship has been changed to include not only mathematics majors but also mathematics education and statistics majors. The nominated students must be enrolled full-time at the nominating institution during the spring semester preceding the AMATYC Annual Conference when the award will be announced. If your affiliate did not submit a nomination this year, consider nominating a student next year. Nominations are due to AMATYC president Jim Ham by October 15.

First Chat & Chew Session — A Success!

by Honey Kirk, Assistant Conference Coordinator; Judy Williams, Program Coordinator; and Darlene Winnington, Presider Chair

With over 100 people in attendance, the first Chat & Chew Session was a success and will be repeated in Orlando. In San Diego, a huge round of applause goes to those willing to step up to facilitate the discussion at your table for three fifteen-minute periods. George Hurlburt, AMATYC Website Coordinator, commented after participating in the event that his favorite part of attending any conference is to sit and talk with people, and he loved that doing it in San Diego was a part of the official program. The "negative" feedback from others was that there was not enough time to visit all the tables in which the individual was interested. This will be taken into consideration for next year. And, yes, the tables will be spread out to make movement easier and hopefully to provide more of a sound barrier. The cowbell will also be rung twice – once to move and then another to begin.



Chat and Chew Session

San Diego 2017

Sunshine and Mathematics at the 2017 AMATYC Annual Conference

by Tammi Marshall, San Diego Local Events Coordinator

A prime time was had by all as close to 1,500 mathematics educators con-



verged in San Diego, November 9-12, for the 43rd Annual AMATYC Conference. San Diego did what it does best with weather that could not have been better ... sunny skies and temperatures right around 70 degrees.



Scott Adamson

Thursday's General Session was amazing as Scott Adamson reminded us all that it is 2017 and that we need to stop teaching like it is 1957. My President, Julianna Barnes, who gave the welcome and has a counseling background, said this keynote address is in the top five she has ever seen! Keven Dockter received the first of two Herb Gross Presidential



Jane Tanner, AMATYC President; Tammi Marshall, San Diego LEC; and Julianna Barnes, President, Cuyamaca College

Awards presented at the AMATYC Annual Conference for his amazing contributions as the Conference Coordinator for the last nine years. Jessica Bernards from Portland CC received the Leila and Simon Peskoff Award as well as a lifetime AMATYC membership as an outstanding member of Project ACCCESS. To top things



Jim Matthews

off eight outstanding math educators received the 2017 Teaching Excellence Award.

Friday's regional breakfasts were lots of fun with great information and the Student Math League awards handed out. Congratulations to West Valley College from the West Region for winning the Team Championship!

The Saturday Awards breakfast was incredible as Jane Tanner surprised the AMATYC office staff with a very well-



Attendees at the Saturday Awards Breakfast

deserved Herb Gross Presidential Award, they are the glue that holds AMATYC together! This was followed with Jim Matthews talking with us about using newspapers, trains, and lockers as a key component in any math course. It was a fun and exciting conversation for all!

The two featured speakers at the conference dazzled those in attendance. John Martin fascinated attendees about the Golden Ratio and some of the lore behind



John Martin

the number. The ideas presented by John are applicable to a college mathematics or quantitative reasoning course. Myra Snell discussed the idea of equity through the lens of placement and remediation. She presented ideas for developmental education to help to narrow the achievement gap using more accurate placement into developmental course and pathways to shorten the developmental sequence for students.



Myra Snell

On Friday and Saturday, there was the symposium on the scholarship of teaching and learning in College Mathematics. The symposium sponsored by the RMETYC committee featured four presenters, Jacqueline Dewar, Ann Sitomer, John Smith, and Megan Breit-Goodwin. The topics presented were exploring teaching and learning in college mathematics, embarking on inquiry in your classroom, and moving from reflective teaching to classroom inquiry.

Friday afternoon featured the poster session highlighting Project ACCCESS



Exhibit Hall

Fellows projects, *AMATYC IMPACT*, the StatPREP grant, and many other topics. Then each committee had their annual meeting to plan activities for the next year. On Friday evening the ever-popular Ignite event was well attended and entertaining as always.

Thursday evening after the Grand Opening of the Exhibits, there were Forums on positions statements ranging from the Science of Learning to Working Conditions of Adjunct Faculty and a forum on *AMATYC IMPACT*. At the same time, there was the annual Research Session to highlight current research in mathematics education at two-year colleges.

The Exhibit Hall was always full of activity with a short walk outside to the pavilion. The wellness activities which included walks, runs, yoga, and dancing provided the opportunity to get some exercise while enjoying the conference.

The Local Events Committee answered questions and provided information on restaurants and



Attendee Map

our favorite staycation activities. The Hospitality/Networking Room had games, some occasional snacks, and a map for attendees to mark where they came from (Alaska to Hawaii to Guam to Bermuda and everywhere in-between). In addition, the room gave everyone a place to relax, check emails, and network.

In-between all of this were an incredible array of sessions and workshops to choose from where we all learned from each other! Thanks to everyone for joining us in San Diego and sharing your incredible classroom ideas!

Giving Thanks

by Honey Kirk, Assistant Conference Coordinator;
Judy Williams, Program Coordinator; and
Darlene Winnington, Presider Chair

At the Closing Session, many attendees were enthusiastic about the variety and diversity of topics on the program, the new ideas ready for immediate classroom use, talks on emerging areas such as data science and equity, and the welcoming atmosphere and family feeling throughout the week. All of these accolades belong to those making the presentations, presiding to keep the sessions on time and smoothly running, or helping in any other way at the conference. You are what makes AMATYC great. Thank you, thank you, thank you.

Speaking of presiding, congratulations to Sylvia Gutowska, ACCESS Fellow Cohort 11, from the CC of Baltimore County, who won the presider drawing for the two-night stay at Disney's Coronado Springs during next year's AMATYC Annual Conference in Orlando. When notified, her response was "Wow! First time presiding brought me luck. Or was it my birthday present? Thank you very much."

You never know how volunteering to preside, present, or help in another way benefits you, your students, and your peers. Keep eyes and ears open for more opportunities in 2018.

Year Round Professional Development

by George Hurlburt, Website Coordinator

The AMATYC website has a wealth of professional development resources. Numerous files are available including videos, PowerPoint slides, classroom handouts, and related documents from the 2017 Annual Conference. Of particular interest are videos of the 2017 Conference Keynote Speakers and the Saturday night Ignite Session. For details, visit the AMATYC proceedings site at www.amatyc.org/2017ConfProc.

Another excellent resource is the Webinar page: www.amatyc.org/Webinars. You will find a list of upcoming webinars hosted by AMATYC, as well as links to videos for every past webinar.

Ready, Set, Research (League)!

by Karen Gaines, Student Research League Coordinator



Registration is now open for the inaugural competition of the AMATYC Student Research League (SRL). The SRL is an opportunity for two-year college

students to engage in research and problem solving. On April 7th competing teams will be given a challenge problem to research and then they must formulate a solution using mathematical modeling. The teams of 1-3 students will have nine days to submit their entries. The top three entries from each AMATYC Region will then be evaluated by STEM professionals to determine the grand prize, and second and third place winners. Check out the SRL webpage on the AMATYC website for all of the details on eligibility, registration, and prizes. Become a faculty mentor and enter your team today!

Committee/ANet News

A Prime Time in San Diego for the Division/Department Leadership ANet

by Christine Mirbaha, Leader

Thank you to everyone who participated in Division/Department Leadership activities during the San Diego Conference – a prime time was had networking, sharing ideas and concerns, and working on position papers.

Division/Department Leadership ANet members and any others interested met twice during the San Diego conference. The first get-together was at the *Chairs' Colloquium* held by Sean Simpson and Christine Mirbaha. Participants shared ideas and institutional practices on various topics affecting leadership such as grants participation, reassigned time, adjunct qualifications and related issues, basic skills courses issues, last-dollar-in initiatives, outside employment policies, and strategies for dealing with top-down initiatives without prior consultation. Stay tuned for possible topics to be discussed during the 2018 *Chair's Colloquium* in Orlando.

During Friday afternoon's ANet meeting, work was done on one position statement that has been scheduled for review: "The Academic Preparation of Mathematics Faculty at Two-Year Colleges." Since revising the document was not finished, it has been agreed to continue work on this paper in advance of next year's Orlando conference.

If you have an interest 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 this ANet go to the AMATYC website and click on Groups, or contact the Division/Department Leadership ANet's Leader Christine Mirbaha at cmirbaha@cbbcmd.edu.



Pathways Joint Subcommittee

by Scott Peterson and Paula Wilhite, Co-Chairs

The kick-off meeting for the newly created Pathways Joint Subcommittee on Wednesday, November 8 in San Diego was a big success with 32 participants attending. There was agreement that this subcommittee should be a forum for the exchange of ideas, sharing of resources, and discussion of issues involving mathematical pathways for both STEM and non-STEM. After initial introductions, attendees discussed their diverse definitions and perspectives of the term "pathways". Goals and action items were briefly addressed, but no decisions were made. In addition, the work of the New Life Project, Carnegie Foundation, and the University of Texas Dana Center were recognized. Also, suggestions were made on how the subcommittee can contribute to AMATYC *IMPACT: Improving Mathematical Prowess and College Teaching*.

If you would like to be part of this exciting new project, you can join the subcommittee by going to the AMATYC website (www.amatyc.org) and follow the Groups link to Academic Committees to the Pathways link. On the Pathways group page, click on the Join Group link. By the end of November, the official online membership count was 63.

Pathways Joint Subcommittee Co-sponsors

Developmental Mathematics Committee
Innovative Teaching and Learning Committee
Mathematics Intensive Committee
Placement & Assessment Committee
Statistics Committee

Developmental Mathematics Committee

by Paula Wilhite, Chair

There were many excellent presentations on developmental mathematics at the 2017 conference in San Diego. Thank you for your attention and emphasis on the important issues of developmental mathematics.

The Developmental Mathematics Committee voted in October by electronic ballot to approve the proposed changes to the DMC description. The approved DMC description is the following:

The purpose of the Developmental Mathematics Committee of AMATYC is to improve the quality of developmental mathematics programs in colleges by providing a forum for the exchange of ideas. In addition, the DMC strives to

- Provide opportunities for professional development on proven practice for developmental mathematics faculty;
- Increase involvement with national policy-making boards on issues related to college-readiness;
- Share best practices for curriculum and instruction that promote successful matriculation into gateway college mathematics courses and other courses requiring quantitative tools;
- Strengthen connections with other professional organizations regarding concerns of developmental mathematics; and
- Communicate the issues of developmental mathematics reform and the consequences of recent state-required mandates.

The initial hearings for the proposed position statements 1) "Addressing Critical Factors for Student Success" and 2) "The Science of Learning" were held on Thursday, November 9 at the conference in San Diego. During the next year, the current drafts will be available for further review for possible approval at the 2018 AMATYC Conference in Orlando.

➤ *Continued on page 14*

Committee/ANet News

Innovative Teaching and Learning Committee

by Dan Petrak, Chair

The Innovative Teaching and Learning Committee (ITLC) met at the 43rd Annual AMATYC Conference in San Diego, CA. There were over 20 in attendance and the discussion centered on position statements, ideas for a themed session next year in Orlando, and the Friday night Ignite event.

Thank you to the ITLC Position statement subcommittee for all their work to get the Distance Learning Position Statement revised. The subcommittee members are Nancy Rivers, Anne Magnuson, Theodora Benezra, Lara Rosenberger, Kim McHale, Ralph Padgett, Peg Hohensee, Kristy Erickson, Luke Walsh, Evan Evans, Fenecia Foster, and David Graser. The committee is submitting the latest draft of the Position Statement on Distance Education with hopes to do a fast track review process to have it accepted at the 2018 conference.

If you have interest in serving on the subcommittee to revise the position statement on “The Proper Use of Technology,” please contact the ITLC Chair, Dan Petrak. Work to revise this position statement will begin in early 2018 through Google Hangouts and continue asynchronously between each draft. The subcommittee usually meets about once or twice a month online for about an hour, but members are invited to comment on the document when time allows.

The ITLC Google Group discussion board has been a great avenue for members 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 Ignite event 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 recorded and broadcast live through the AMATYC Facebook page. Please take some time to view the recording there. A special thank you to Fred Feldon for once again coordinating the speakers and presentation slides. Thank you also to Mary Beth Orange for recording and broadcasting the event. Finally, the ITLC is joining the Developmental Math Committee, the Math Intensive Committee, the Statistics Committee, and others in working on the Pathways Joint Subcommittee. There was a preliminary meeting held in San Diego before the conference to discuss the rationale for the subcommittee and to begin thinking about how AMATYC can support the sharing of information and research about Pathways (both STEM and non-STEM). Look for more information about this in the future.

The ITLC is here to support and encourage faculty throughout the country to constantly be growing and thinking about ways to improve their craft of teaching and learning. Please contact the ITLC Chair, Dan Petrak, at dgpetrak@dmacc.edu if you need any assistance getting involved with this wonderful community of mathematics educators.

Statistics Committee

by Julie Hanson, Chair

The 2017 AMATYC Annual Conference was held in San Diego, CA. It included several professional development opportunities for teachers of statistics. The AMATYC Statistics Committee would like to express our appreciation to Carl Clark, Karen Starin, Andrew Kerr, Robert Gould, Kim McHale, Mary Rudis, and Brian Kotz for presenting in our themed session “Data Science and the Introductory Statistics Course.” 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/2017ConfProc.

The AMATYC Statistics Committee met on Friday, November 10th. During this meeting, the committee voted to form a subcommittee on Data Science. The first official meeting of the Data Science Subcommittee was held on Saturday, November 11th. The purpose of the Data Science Subcommittee is to create a community of individuals who are interested in increasing the presence of data science in two-year colleges. This includes individuals involved in existing two-year college data science programs, individuals interested in creating new two-year college data science programs, individuals interested in creating single data science courses, and individuals wanting to include more data science in existing statistics courses. The formation of this group allows for best practices in two-year college data science to be more easily shared and developed. It also helps facilitate communication between two-year college faculty interested in data science and external organizations involved in data science education efforts. All interested individuals are welcome to join this subcommittee. To join or to learn more about the Data Science Subcommittee of the AMATYC Statistics Committee, please contact Julie Hanson at julie.hanson@clinton.edu and Brian Kotz at brian.kotz@montgomerycollege.edu.

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, February 7th, Tom Short will present a webinar titled “Multiple Regression: From the Familiar to the Multi-Dimensional.” Registration for upcoming webinars is available on AMATYC’s website at www.amatyc.org. Recordings of previous webinars are available at www.amatyc.org/Webinars.

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

Professional Development Update

by Julie Gunkelman, Coordinator

With the conference in San Diego behind us, it is time to think about professional development beyond the conference. Have you participated in an AMATYC webinar lately? Watched a recording of a previous webinar? Considered joining one of AMATYC’s online communities? Joined your AMATYC Region’s Facebook page?

Accept the challenge to engage in one new professional development activity in 2018. Please give feedback on what you tried and how it worked for you; AMATYC is always looking to expand professional development offerings to better serve AMATYC members. Contact Julie Gunkelman at amatycpdc@gmail.com with any questions or suggestions.

Highlights of the 2017 AMATYC Fall

Board Meeting

by Michelle Duda, Secretary

The AMATYC Executive Board met before the annual conference in San Diego, CA, on November 5-8, 2017.

Highlights of the meeting include:

- The Board endorsed the spirit of several position statements as well as the *AMATYC IMPACT* document.
- The *Presidential Student Scholarship* was renamed the *Wanda Garner Presidential Student Scholarship*.
- The Board approved the concept of the position statement on Equity in Mathematics.
- The Board gave approval for having the *MathAMATYC Educator* journal indexed with EBSCO Publishing.
- The AMATYC website will be redesigned so that it is mobile-friendly.
- The Ontario Colleges Mathematics Council (OCMC) was approved as an affiliate of AMATYC.

Full minutes of the meeting can be found on the AMATYC website:

www.amatyc.org/BoardMinutesMotions.

Highlights of the 2017 AMATYC

Delegate Assembly

by Michelle Duda, Secretary

The AMATYC Delegate Assembly met during the annual conference in San Diego, CA, on November 11, 2017.

Highlights of the Delegate Assembly include:

- The position statement *Mathematics for Students in Two-Year Terminal Programs* was approved.
- The philosophy and spirit of the document *AMATYC IMPACT: Improving Mathematical Prowess and College Teaching* was endorsed.

Full minutes of the meeting can be found on the AMATYC website:

www.amatyc.org/DelegateAssembly.

Full-timers look to Adjuncts for Help

by Judy King, Leader

Whew! The Adjunct Faculty Issues (AFI) ANet was busy in San Diego, but we missed those not able to attend. Adjuncts make up the largest segment of college instructors, yet they are not represented well at professional conferences. At last year's AMATYC conference in Denver, 27 registered as adjuncts. This year, of the 1,470 instructors attending, 67 took advantage of the new reduced registration rate for adjuncts. Next year the AMATYC Annual Conference is at Disneyworld. Plan to join the Adjunct Faculty ANet there. Issues that adjuncts face affect us all. In fact, full-timers who attended the AFI session requested that more adjuncts attend. The full-time faculty members were looking for help answering questions like "What can be done to acknowledge the work of adjuncts?" This discussion is going to continue in an online discussion group and via email. For times and dates to participate in the online discussion group email Judy King at turkcaj@comcast.net. Prefer to just leave a comment? Post it on the Adjunct Faculty Issues ANet page found under Groups on AMATYC's website. Other concerns? Start a thread there as well.

Placement and Assessment Committee

by Behnaz Rouhani, Chair

The AMATYC conference in San Diego offered an outstanding variety of sessions - some of which focused on placement and assessment. The Placement and Assessment Committee would like to thank those individuals who shared their ideas, thoughts and activities about placement and assessment at two-year colleges.

The committee sponsored a round table during the San Diego conference and the focus of it was driven by the interest of the attendees. It was mostly on placement tools used around the nation. In addition, the committee sponsored a panel discussion on course based assessment that was led by four speakers. The attendance at the panel discussion was excellent with over thirty participants.

The committee met during the conference and had a very productive meeting. The position statement on Academic Assessment of Mathematical Programs was one of the topics of discussion. This statement is ready for its reaffirmation. Future plans include sponsoring a round-table as well as a themed session during the 44th Annual Conference in Orlando.

Would you like to share tips about assessment techniques from your classroom or placement methods used at your institution? If so, please contact Rachel Bates, the incoming chair at Rachel.Bates@redlandsc.edu for more information. AMATYC members are encouraged to join the committee by self-enrolling in the Placement and Assessment group at www.amatyc.org.

Grants Update

by Dennis Ebersole, Coordinator

The three NSF program officer presenters and I were happy to see thirty-three people show up for the presentation in San Diego. A significant portion stayed after the talk to discuss ideas for grant proposals. Three indicated they planned to apply to be NSF reviewers - something that may increase the number of successful two-year college proposals in the future. Suggestions from the program officers led AMATYC to form a six-member team to write a large NSF grant to help AMATYC implement the goals of the *IMPACT* project and disseminate our work in this area to a wider audience. It is hoped that collaboration with at least one other professional organization in developing the grant proposal will be possible.

Grant Writing Tip #5: It is very helpful to read high quality and weak grant proposals to understand what makes a proposal that is likely to be funded. The easiest way to do this is to volunteer to be a reviewer. NSF and states are always looking for reviewers for their different grants. Past grant writing tips can be found in previous issues of the *AMATYC News*.

Another Successful Dot Campaign

by Nancy Sattler, Foundation Chair

During the AMATYC Annual Conference in San Diego the AMATYC Foundation again conducted the “dot campaign,” and conducted a friendly competition among AMATYC regions. Attendees were asked to contribute one dollar for each AMATYC conference they have attended. They were given a dot to wear on their name badge that listed the number of conferences they had attended. At the Saturday morning breakfast, a drawing was held for all of the dot campaign supporters. Scott Peterson, Oregon State University won his choice of a three-year membership or a discounted registration for the AMATYC conference in Orlando in 2018.



Shown below is the dollar amount collected by region. The Midwest region had the highest percentage of donors for those attending the conference and also the region boasted the highest dollar amount contributed. Paul Drelles will receive a one-year membership to AMATYC, and Anna Cox will receive a two-year membership to AMATYC. Both Paul and Anna are from the Midwest Region.

	Amount	# Participation	# Registration	Percentage
Northeast	\$2,087	54	101	53%
Mid-Atlantic	\$2,317	48	137	35%
Southeast	\$4,533	101	161	63%
Midwest	\$8,885	119	124	96%
Central	\$1,942	35	99	35%
Southwest	\$1,754	50	206	24%
Northwest	\$ 753	40	110	36%
West	\$1,647	42	534	8%
	\$23,918	489	1,472	

The Foundation would like to thank everyone who participated in the dot campaign. Foundation funds are used to support Project ACCESS and other special needs of AMATYC and its members. For further information see www.amatyc.org/AMATYCFoundation.



Student Mathematics League

by Steve Hundert, Coordinator

At the time of this writing, the results from Round 1 of the Student Mathematics League competition are “in the mail.” Round 2 will take place from Friday, February 9 through Saturday, March 3. 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 stevenh@csmd.edu if you have additional questions. For questions during Round 2 please contact Sue Strickland at susanst@csmd.edu.



Jon Oaks (Midwest VP) passes the Faculty Math League trophy to Ernie Danforth (Northeast VP)

Student Math League awards were given out during the Regional Meetings and Saturday breakfast at the annual conference in San Diego. For the third year in a row, the Team Award went to West Valley College in Saratoga, CA. The Charles Miller Memorial Scholarship, generously funded by Pearson Education, was awarded to Seung Jo Yoo of Fullerton College, in Fullerton, CA.

Thirty-eight brave conference attendees participated in the Steve Blasberg Faculty Math League competition. The Northeast Region took home the much coveted plexiglass trophy. Northeast Regional Vice President Ernie Danforth celebrated the win by singing Queen’s “We Are the Champions.” Michael Greenberg of City College of San Francisco, with a near perfect score, won top individual honors as well as a \$100 gift card donated by Mu Alpha Theta. Aisha Arroyo of Middlesex CC in Massachusetts came in second and Sean Saunders of Sheridan College, in Ontario came in third.

Thirty-eight brave conference attendees participated in the Steve Blasberg Faculty Math League competition. The Northeast Region took home the much coveted plexiglass trophy. Northeast Regional Vice President Ernie Danforth celebrated the win by singing Queen’s “We Are the Champions.” Michael Greenberg of City College of San Francisco, with a near perfect score, won top individual honors as well as a \$100 gift card donated by Mu Alpha Theta. Aisha Arroyo of Middlesex CC in Massachusetts came in second and Sean Saunders of Sheridan College, in Ontario came in third.

Future AMATYC Conferences

- 2018 Orlando, FL
November 15-18
- 2019 Milwaukee, WI
November 14-17
- 2020 Spokane, WA
November 12-15
- 2021 Phoenix, AZ
November 4-7
- 2022 Toronto, Canada
November 17-20

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

Winter Webinars

Title: Multiple Regression - From the Familiar to the Multi-Dimensional

Speaker: Tom Short

Sponsoring Committee: Joint Committee of AMATYC and the American Statistical Association

Date: Wednesday, February 7th

Time: 4:00 PM EST / 3:00 PM CST / 2:00 PM MST / 1:00 PM PST

Description: This webinar will review simple linear regression as a foundation to build multiple regression models. The presentation is intended for statistics instructors who have experience teaching simple linear regression and who would like to learn more about multiple regression. Model structures will be explored, including polynomial models, multiple independent variables, categorical predictors, and interaction. Tests and diagnostics specific to and particularly useful for multiple regression will be introduced. Real (or realistic data) will be used throughout. *Note: This is a jointly-sponsored webinar with ASA. Therefore, registration for this webinar will be open to non-AMATYC members now to allow ASA members to register. If you want to be sure to see this event, register early!*

Title: How to Integrate Study Skills into Your Math Class to Increase Student Success and Retention

Speaker: Jessica Bernards

Sponsoring Committee: Developmental Mathematics

Date: Wednesday, March 7th

Time: 4:00 PM EST / 3:00 PM CST / 2:00 PM MST / 1:00 PM PST

Description: Many students are unaware of the expectations, dedication, and workload required to succeed in math. To address this, two AMATYC Project ACCCESS alumni, Jessica Bernards and Mark DeSmet, created a math specific study skills resource aimed at increasing student retention and success. Through the format of videos, worksheets, and short class discussions, loss of vital class time is minimal. This presentation will show how the program works, where to find it, and data from colleges that have used the program. It is currently getting used at over 25 colleges throughout the nation and its corresponding YouTube channel has received over 29,000 views.

Videos of these and previous webinars can be found at www.amatyc.org/Webinars.

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

excellent speakers who address timely topics. The webinar library and conference proceedings continue to be available on the AMATYC website. Lastly, through AMATYC's ongoing sponsorship of traveling workshops, AMATYC provides on-site professional development to our affiliates and institutional member colleges.

A Mobile-friendly Website

The AMATYC website will receive a new look in the coming months. More importantly, the website will become mobile-friendly allowing members to easily view the AMATYC website, including the membership features, on smaller hand-held devices. Thanks to George Hurlburt, the AMATYC Website Coordinator, for leading this effort and for the excellent work he continues to do in promoting AMATYC to the general public, documenting the work of our hundreds of volunteers, and creating a valuable resource for our members.

While this is a short list of current initiatives and priorities, there is much going on in AMATYC. What is your vision for AMATYC? We need your ideas; we need your contributions. Your participation is essential if we are to be "the leading voice and resource for excellence in mathematics education in the first two years of college." I look forward to meeting or reconnecting with you and hearing your ideas at upcoming AMATYC or affiliate events.

➤ *Developmental Mathematics, Cont'd from page 10*

Make your plans to attend the Third National Mathematics Summit: For Math in the First Two Years that will be a preconference event at the 2018 AMATYC Conference in Orlando. The summit is scheduled from 1:00 p.m. on Tuesday, November 13 through Wednesday, November 14. Numerous professional organizations will join with AMATYC to present the latest national changes in developmental mathematics and gateway college-level courses.

Mu Alpha Theta

by Paige Perry, Liaison

In celebration of its 60th anniversary, Mu Alpha Theta awarded 60 scholarships totaling more than \$230,000 in 2017. Five of these scholarships were awarded to two-year college students. Over the past year, three two-year colleges have chartered new Mu Alpha Theta chapters. These two-year colleges are Houston CC, Normandale CC, and Northwest-Shoals CC.

There are currently 63 active two-year college chapters nationwide. Targeted outreach efforts will be made to increase this number over the next year. Some of the benefits of having a Mu Alpha Chapter include:

- Promotion of scholarship in, and enjoyment and understanding of, mathematics
- Mathematic Competitions
- Scholarships
- Chapter Grants
- Faculty Grants
- Convention Grants

For information about chartering a Mu Alpha Theta Chapter, please contact Paige Perry at pperry@suscc.edu.

The **AMATYC News** is the official newsletter of the American Mathematical Association of Two-Year Colleges and is published four times per year in January, April, August, and October. Your articles, announcements, comments, and letters to the Editor are welcome. Submit all materials by November 25, February 25, June 1, and August 15 for the respective issues.

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Update About StatPREP

by Kathryn (Kate) Kozak

The StatPREP (National Science Foundation grant DUE-1626337) team is pleased to announce the locations of the summer workshops for the current hubs and two new hubs during June of 2018. Participants to the summer 2017 College of the Canyons (COC) workshop in Los Angeles, and the St. Kate's workshop in Minneapolis/St. Paul are invited to attend the second year workshops. The workshop at St. Kate's is scheduled for June 8-9 and the one at COC is scheduled for June 22-23. New participants are welcome to apply to participate.

In addition to the second-year workshops for last summer's StatPREP hubs, new hubs are being offered this summer. On June 1-2, there will be the first year workshop at the University of Hartford in Hartford, CT, and on June 15-16, there will be a first year workshop at Highland College in Seattle, WA. Applications for both workshops will be accepted in April at <http://statprep.org>. Visit the website for more information and to apply.

Future hubs are being planned for the Dallas/Fort Worth area and the Washington, DC, area in the summer of 2019. In the summer of 2020, the hubs will be in Fort Myers, FL, area, and the New York City area. Information on these locations will be developed in coming years.

Meet the Newest Project ACCESS Fellows!

by Christy Hediger, Project ACCESS Coordinator

Project ACCESS is pleased to announce the selection of 24 Fellows as members of the 14th Cohort of Project ACCESS. The Fellows attended the conference in San Diego, CA, and will be attending the conference in Orlando, FL. The selected Fellows are:

Stacey Auman, Wake Technical CC, NC
Mark Carlson, McHenry County College, IL
Vinodh Kumar Chellamuthu, Dixie State University, UT
Jacquelyn Coe, Central Oregon CC, OR
Hieu Do, Truckee Meadows CC, NV
Jie Frye, Bunker Hill CC, MA
Matthew Gargis, Northwest-Shoals CC, AL
Diane Hill, Snow College, UT
Laurie Keatts, Catawba Valley CC, NC
Jamie Kneisley, Midland College, TX
Kristin Lui-Martinez, Santa Monica College, CA
Mei Luu, Whatcom CC, WA
Rachel Marcial, Salt Lake CC, UT
Elizabeth Meena, Rock Valley College, IL
Grace Nasnas, Seminole State College of Florida, FL
Michael Peterson, Las Positas College, CA
Ashley Priem, South Central College, MN
Lorisha Riley, Santa Fe College, FL
Lara Rosenberger, Reading Area CC, PA
Casey Terrill, Mendocino College, CA
Entela Xhane, CC of Baltimore County, MD
Prudence York-Hammons, Temple College, TX
Patty Zabel, Onondaga CC, NY
Brooks Ziegler, Pellissippi State CC, TN

The selection of these Fellows was challenging for the selection committee due to both the number and the quality of applications. Congratulations to the selected Fellows!

AMATYC CALENDAR OF EVENTS

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

February 9-10, 2018: FTYCMA Joint Conference with MAA-FL, Florida Atlantic University-Davie Campus, Davie, FL. Website: <http://sections.maa.org/florida/>

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

March 23-24, 2018: VMATYC Meeting, Virginia Highlands CC, Abingdon, VA. Website: www.vmatyc.org

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

April 6, 2018: Annual NEBMATYC Conference, Southeast CC, Lincoln, NE. Website: <https://nebmatic.weebly.com/>

April 6-7, 2018: Spring ArizMATYC Joint Conference with MAA-Southwest, Pima CC, Desert Vista Campus, Tucson, AZ. Website: <http://arizmatyc.org/wp/spring-2018-arizmatyc-maa-joint-conference/>

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

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

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

September 29, 2018: 25th Annual WisMATYC Conference, UW Washington County, West Bend, WI. Website: www.wis.matyc.org

October 5, 2018: ArizMATYC Meeting, GateWay CC, Phoenix, AZ. Website: <http://arizmatyc.org/>

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

A form is available at www.amatyc.org/AffiliateConferences to update or add affiliate conference information.

Diane Koenig, Editor
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Focus on Affiliates: NDMATYC

by Larry Merbach, North Dakota State College of Science, Wahpeton, ND



NDMATYC was organized on March 31, 1989, at the Dakota Inn, Jamestown, ND, with the help of a small grant through the Bush Foundation. Arnie Ostebee from St. Olaf College in Northfield, MN, and Gregory Foley from Ohio State University in Columbus, OH, presented. Ostebee discussed his involvement in using

computers in teaching mathematics by incorporating the use of modern symbolic manipulation programs into his mathematics courses. Foley demonstrated the use of hand-held calculators and their use in showing interactive graphics in mathematics courses. According to a survey, only 1 out of 16 attendees had any knowledge of graphing calculators in 1989.

During that meeting, Ron Beeler, AMATYC Central Region Representative, from East Central College in Union, MO, joined

the group and helped form the state mathematical association for two-year colleges. All five of the two-year state colleges were represented by seventeen faculty members from the different institutions. Officers elected were Larry Merbach, North Dakota State College of Science, President; Bill Redmond, Bismarck State College, President-Elect; Wanda Meyer, Williston State College, Secretary; and Don Bigwood, Bismarck State College, Treasurer.

For the past several years NDMATYC has held its annual conference during the first weekend in October, beginning on Friday afternoon and ending at lunchtime on Saturday. There is a Friday evening meal (including “pi”) followed by a business meeting, and a round or two of pool in the public hall. The programs alternate each year between a national speaker presenting and NDMATYC members presenting sessions. Besides what is learned during the sessions, there are always conversations going on between faculty from the different colleges and it seems that each attendee leaves the fall conference with a feeling of belonging to a bigger group and inspired to be a great teacher.

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