

MichMATYC SUM-TIMES

Two Years College Mathematics in Michigan



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September 2016

Inside this issue: *Letter from the president, Message from AMATYC Midwest VP, Save the Date, Campus News, MichMATYC 2016 conference ad.*

Letter from the President: Doug Mace, Kirtland CC

Dear MichMATYC Member,

Summer 2016 has come and gone and the fall semester is here! It seems like only yesterday we were outside in t-shirts and shorts now we are reaching for gloves, scarves and hats. Isn't Michigan great?

The 2015 fall meeting held at Macomb Community College was a great success. More than 100 individuals attended last year's fall meeting. Special thanks to our sponsors for providing snacks for the membership. Additionally, I want to express my thanks to Macomb Community College for all of the time and hard work they expended ensuring that last year's conference was a success!

April 2015, I was by the selected University of Maryland University College to go overseas for the 2015-16 year. I took a sabbatical to teach overseas to our military men and women. Since this was my second year of a four year term in the service to MichMATYC, Cindie Wade from Saint Clair Community College stepped in during my absence. According to the MichMATYC By-Laws, "any vacancy in an elected position will be filled by the Executive Committee..." Please be sure to thank Cindie for her service.

Jack Rotmann from Lansing Community College ended his term as Past President this past June 2016. Anna Cox from Kellogg Community College began serving as MichMATYC President-elect June 2016. Sam Bazzi from Henry Ford Community College is serving as MichMATYC Treasurer/Secretary June 2016. Desidera Kooswinarsinindyah from Macomb Community College is serving as MichMATYC newsletter editor. Mark Pelfrey from Southwestern Michigan is serving as MichMATYC Website Editor.

2016 MichMATYC Fall Meeting

The upcoming 2016 MichMATYC Fall Meeting will be held on October 14-15 on the campus of Delta College. As one of the few organizations in Michigan focused on the teaching of mathematics at the post-secondary level, attending a MichMATYC conference is a great way to enhance ones teaching ability. It also allows one to catch up with friends and colleagues from across the state. Register early by September 15 to receive \$5 off the cost of the conference registration.

Additionally, why not take the opportunity to ensure that your membership to AMATYC is current? At

the meeting of the Mid-West Region's Affiliate Presidents held at last year's AMATYC conference, it was noted that a significant percentage of AMATYC members/conference attendees were NOT members of their associated affiliate. This is very surprising given the relatively low cost of membership dues for state affiliates. It should also be noted that the number of delegates that the Mid-West region receives depends on the number of AMATYC members who also belong to their associated Mid-West region affiliate.

2016 AMATYC Conference

The 42nd AMATYC Annual Conference, will be held in Denver, Colorado, November 17 - 20. This year's theme is "Math at Mile High" so please make plans to attend. See you there!

See you at Delta!

~Doug Mace, MichMATYC President

SAVE THE DATE



42nd AMATYC Annual Conference
Denver, CO
November 17-20, 2016

MichMATYC 2016 Conference
October 14 - 15, 2016
Delta College

AMATYC Update

Jon Oaks

AMATYC Midwest Regional Vice President

Macomb Community College

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I hope that everyone's fall semester is off to a great start! At Macomb, we started on Monday, August 22! The break between the winter and fall semesters just never seems long enough when there is so much to enjoy in this wonderful weather.

Part of my summer was spent at MathFest in Columbus, OH. I helped staff the AMATYC booth, along with AMATYC Secretary Michelle Duda. There was a lot to learn from the conference this summer. When not at the booth, I was able to attend sessions on projects for differential equations classes and network with many of the other attendees. It was nice to see many folks from Michigan at MathFest. Next year's MathFest is in nearby Chicago!

Besides having fun at MathFest, every year the AMATYC Board also has a Summer Conference

Call and I want to also take a moment to give you some of the highlights from this year's conference call:

Recognition of Long-term and Life-time AMATYC Members – At this fall's AMATYC Conference in Denver, AMATYC Members who have either maintained membership in AMATYC for at least 20 years or are life-time members will be recognized with a pin at the Regional Breakfast Meeting.

A New Project ACCESS Coordinator – Beginning in 2017, AMATYC Project ACCESS will have a new coordinator. Many of you know the current Project ACCESS Coordinator, Laura Watkins, very well. Laura will be missed, but we are looking forward to a new era of Project ACCESS with the new coordinator.

2022 AMATYC Conference – The 2022 AMATYC Annual Conference will be held in Toronto, Canada. The AMATYC Board and AMATYC Conference Coordinator are always working years in advance to help bring you the best possible conference experience. I hope not only to see you in Denver this year, in San Francisco in 2017, but in Toronto in 2022!

Other Notes from Around AMATYC:

- **Please consider joining one of AMATYC's Academic Committees, such as the Innovative Teaching and Learning Committee (ITLC).** The Innovation in Teaching and Learning Committee recently relaunched its Google Group site to encourage members to collaborate, post questions, and share ideas throughout the year. The site is much like a discussion board where questions can be posted and respond to by anyone in the community. You can subscribe and get notifications when others post responses. If you have been a member in the past, you should have received an email invitation to rejoin the group. If not, please go to <https://groups.google.com/d/forum/amatyc-itlc> and request to be added. All AMATYC members are welcome and encouraged to join in this online community. We hope to have many ongoing discussions involving a wide range of topics with regards to innovation in the teaching and learning of mathematics. The topics can range from best practices in teaching online, pathways curriculum, open educational resources, and a multitude of topics relevant to all community college math faculty. If you have an idea or question, this is a great group to seek out to learn more. Think of us as part of your personal learning network (PLN). For more information, please contact Dan Petrak at dgpetrak@dmacc.edu.
- **AMATYC Fall Conference in Denver** – If you haven't already, please start making plans to attend AMATYC's 42nd Annual Conference, November 17-20, 2016, at the Sheraton Denver Downtown Hotel in Denver, CO.
- **Midwest First-Time Reception at the Denver Conference** – If you are planning to attend the Denver Conference and will be a first time attendee, I would like to hear from you as there will be a reception for first-time attendees from the Midwest Region. Please contact me at jonnyoaks@gmail.com to find out more!
- **Congratulations to New AMATYC Project ACCESS Fellows** – AMATYC Project ACCESS is a mentoring and leadership program for two-year college mathematics educators who are beginning their careers. Congratulations to **Jeanine DiDonato** from **Henry Ford College** and **James Wenson** from Macomb Community College on being two of the newest Project ACCESS Fellows!
- **Consider Membership in AMATYC** – I encourage you to learn about and join AMATYC if you are not a member. For more information about AMATYC events and activities, please check out the recent AMATYC newsletter at <http://www.amatyc.org/?page=AMATYCNews> or visit the AMATYC website at amatyc.org.

Thanks for all you do in the wonderful state of Michigan and for your continued support of MichMATYC and AMATYC. If there is ever anything that I can do to assist you at all, please don't ever hesitate to reach out to me at jonnyoaks@gmail.com. I hope you have a great rest of the fall semester!

Jon

Alpena CC - Dan Rothe

ACC opens the fall 2016 semester with an enrollment increase of 2.7% in credit hours. After some of the negative numbers of the past couple of years, we are happy to see an increase in both credit hours and headcount. Our online offering in Statistics and Intermediate Algebra are full. Dual enrollment students continue help the numbers in the upper level course.

The Electrical Systems Technology bachelor's degree has begun its first year. This Bachelor of Science degree program is designed to train individuals to install, modify, maintain, troubleshoot, and perform functional tests on electrical grid systems equipment for employment in the fields of electric distribution, transmission and generation. This includes grounding grids, power transformers, circuit breakers, lightning arresters, switches, and various protective relay equipment including electromechanical and microprocessor based hardware. More information can be found at: <https://discover.alpenacc.edu/electricalsystems.php>

Alpena Community College hosted the 2016 Lineman Rodeo, a competition for Utility Technology students from across the country. Several members of the math/science department helped with this event.

Alpena Community College hosted the Huron Shores EDTech Conference on August 16, 2016. Meghan Cameron, Instructor of Mathematics at ACC and Ashlie O'Connor, Instructional Technology and Data Specialist from the Alpena Montmorency Alcona Educational Service District, collaborated on the conference. Over 130 educators attended from Northeast Michigan. The purpose of the conference was to collaborate and communicate on ways to use technology to enhance instruction in the classroom. There was something for everyone at the conference, regardless of tech-ability.

The keynote speaker was Dr. Leigh Graves Wolf, the Assistant Director of the MSU Hub for Innovation in Learning & Technology and an Associate Professor of Educational Technology at Michigan State University. Participants were able to choose from over 20 different break-out sessions during 4 different time slots. The timing of the conference proved to be ideal. Many educators were able to apply what they learned immediately to their classrooms this Fall.

Sigma Zeta Math/Science honor society inducted six new members. Officers for the 2016-2017 year are: President: Britny Faught, Vice President: Luke Carstens, Secretary: Ryan Bumgardner, Treasurer: Eric Luty, and Advisor: Dan Rothe. A spring trip was taken in May to the Upper Peninsula, touring the Mackinac Bridge, Soo Locks, and Cloverland Hydroelectric Plant (Edison Saulte).

Henry Ford CC - Jeff Morford

Henry Ford College has three announcements. First, Ken Kasin retired this winter. The department thanks him for his service and wishes him well in retirement. Second, we wish to congratulate Jeanine

DiDonato who has been selected as part of AMATYC's Project ACCESS cohort 13. Finally, HFC will host the Pearson's Great Lakes Navigators conference on October 28.

Kalamazoo Valley CC - Darlene Kohrman

Fall semester at KVCC begins with an introduction of a new member to the mathematics department. Mike Roty has joined our teaching team. He has shared the following information about himself and his background. He received three degrees: a B.S., Actuarial Science from the University of Illinois in 1988, a M.Ed., Ed.S., in Mathematics Education from Georgia State University in 1996, 1999 and his Ph.D., in Education from Northcentral University in 2008. He entered the teaching profession in 1996 after 8 years as a group insurance and retirement actuary. Dr. Roty taught high school mathematics for 7 years followed by 12 years as a member of the mathematics faculty of the Penfield College of Mercer University, and has now joined the mathematics faculty of Kalamazoo Valley Community College in 2016. Dr. Roty has focused his career on teaching excellence. He is the 2012-2013 recipient of the Penfield College of Mercer University Excellence in Teaching Award. Through his study of math phobia, particularly in adult students, he has developed a teaching style and course delivery to mitigate what is for many students a debilitating fear of college mathematics. Additionally, he continually strives to improve course delivery and access through thoughtful integration of technology in the learning experience. We welcome Mike to our team.

In addition, Lee Marsh, a long time member of our department retired in May. Lee's teaching career spanned 51 years and included both high school and college experiences. His tenure at KVCC began in 1970 where he taught almost every course offered in our mathematics programs. Lee also served for many years as our department chair. Lee will be missed not only for his expertise but his support, patience, and mild manner.

Congratulations to Sue Hollar for being awarded a 2016 Faculty Instructional Award at our recent Seminar Days activities. These awards, determined by students, are an ongoing effort on behalf of the college to recognize and honor individual excellence in teaching.

A new course offering begins this semester, Linear Algebra, designed and taught by Dr, Michael Raines. Nicole McClure, our developmental mathematics lead is also our energetic new department chair.

Lansing CC - Leslie Mohnke

Lansing Community College would like to welcome Michael Pemberton as a new Assistant Professor. Prior to arriving at LCC, Michael was an Associate Professor at Maysville Community & Technical College in Maysville, Kentucky for six years, where he served as the Developmental Mathematics Coordinator. Michael received a bachelor's degree in secondary education from Marshall University and a pair of master's degrees in mathematics and applied mathematics from the University of Missouri. He is certified as a Developmental Education Specialist by the Kellogg Institute and was an AMATYC Project ACCESS fellow (Cohort 9).

This fall LCC is offering two different Math Literacy Course. Both courses have the same outcomes and use the same curriculum. The difference is that one course is being offered to students without a

math level with an additional two billing hours to be used for review and remediation. Embedded professional tutors are also being utilized during the additional class time that is available. We will be sharing our experience with a session at the MichMATYC conference in October.

Macomb CC Center Campus - Caroline Castle

At Macomb Community College, we have been busy with many updates and changes. We recently restructured our beginning and intermediate algebra curriculum. The curriculum changes were to more appropriately split the objectives between the two courses and spend more in depth time on each objective to improve student success. This was a three year project that was kept on track by Faith Miller. Currently, we are also in the process of switching our placement test from compass to acuplacer. Elonia Lusha took the lead role in facilitating the mathematics portion of the placement test replacement committee. The test is to be fully implemented by the end of the semester.

We are happy to announce our newest full time faculty member Kevin Hendricks. We are very excited about welcoming Kevin into our department at center campus. Kevin is filling the position that Linda Reist left open when she retired at the end of May. She will be missed at Macomb and we hope she has a happy retirement. Also, our colleague James Wenson has been accepted to join the recent cohort of project access.

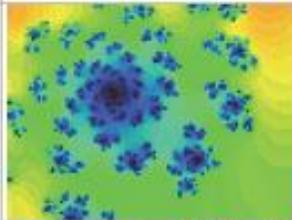
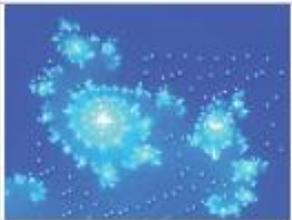
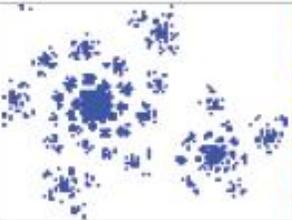
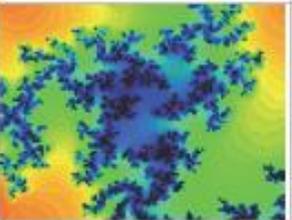
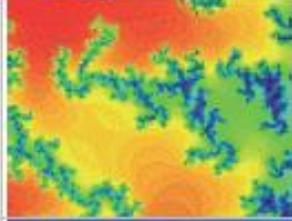
We are pleased to announce that Macomb student Zach Obsniuk, was the top scorer in the SML this past year. Our SML team placed 9th nationally and is coached by Matt Halfaf and Lori Chapman.

Mid Michigan CC - David Kedrowski

We will begin using an intermediate algebra book written by members of our department this fall based on the redesign work we've been doing throughout our developmental curriculum. We have now reworked our entire developmental sequence -- basic math, basic algebra, and intermediate algebra -- and replaced the expansive & expensive publisher texts with our own streamlined & inexpensive in-house books. Results from the first two projects have been very positive.

We are getting closer to a revised placement process. We have models based on Accuplacer and HS GPA (the most significant variables from the historical data set we compiled and used) and need to choose cut scores (probability of success in course). There are a number of issues with the data set used but we're confident this will improve our placement process. We just don't know by how much. We will regularly revise the models as we gather new and (hopefully) better data. There is also talk of doing a small pilot with ALEKS.

We continue to struggle with Pathways issues as well as working with the Degree Qualifications Profile (DQP). At the departmental level we did some really good work on Pathways that was heavily modified by our advisors when they reviewed it. We're working to see what the next steps are. We're in the middle of the pack at translating learning objectives into DQP language. While there are issues with DQP and its implementation, it is giving us a different way to think about assessment which is proving valuable.

				
	<p>It's time for the ...</p> <p>2016 MichMATYC Fall Conference! http://websites.delta.edu/math/michmatyc2016</p> <p>hosted by ...</p> <p>The Delta College Mathematics Division</p> <p>Two full days of professional development programming!</p> <p>Friday Inquiry Based Learning Workshop</p> <p>Discovering the Art of Mathematics Dr. Brian Jennings, Westfield State University MA Former MAA Project NExt Fellow</p> <p>Saturday Opening Address</p> <p>Dr. Linda Braddy, Tarrant County College TX, VP Academic Affairs, former MAA Deputy Executive Director</p> <p>Saturday Closing Address</p> <p>Dr. Vilma Mesa, University of Michigan, Associate Professor of Mathematics and Education</p> <p>All Mathematics Educators Welcome!</p> <p>Secondary - Two-year - Four-Year Share - Entertain - Grow</p> <p>10 hours of State Continuing Education Clock Hours (SCECHs) Friday IBL Workshop - 5 hours Saturday Conference - 5 hours</p> <p>Friday Social Hour and Entertainment</p> <p>Old City Hall Hor d'oeuvres and Cash Bar</p> <p>SPAMALOT Bay City Players</p>			