

**Message from the OhioMATYC President
Florian Haiduc, Stark State College**

Dear colleagues,

I hope you all had a restful winter break, and a joyous holiday season. I would like to wish you success in everything you are planning to do in the Spring 2020 semester. This is my first message as president of our organization. I would like to thank our past president, John Nedel and the Executive Committee, for their dedication and exceptional work they have done (and they are still doing) for our organization.

To begin with, I would like to invite you to the 2020 OhioMATYC Annual Conference. This meeting will be held from Friday, April 3, 2020, to Saturday, April 4, 2020, at the Mohican Lodge and Conference Center in Perrysville, Ohio. Last year's meeting, which was held at the same location, was a great success. We had over 70 participants that attended 20 excellent presentations. Special thanks to the 8 sponsors that provided breakfast, lunch, and an entertaining social hour event on Friday evening. To make this year's conference a success I would like to encourage you to give a presentation that can cover any aspect of our profession: methodology, curriculum, and co-requisites, from developmental to upper level mathematics courses. I think we all have to learn from each other's experience, and this is an excellent opportunity to be part of a network of professionals, share ideas, and relax, while spending quality time. You can register as a presenter on our website www.ohiomatyc.org by February 29, 2020. Also, for the past three years we offered a well-attended pre-conference workshop on Friday, between 8:30-11:30AM, just before the start of the conference. We are thinking to offer it again, but we need your input about the topic, design of the workshop, and potential presenters. If you have any ideas, please email me as soon as possible.

Currently we are looking at the scholarships and trying to have a better income stream to fund them, since we are planning to offer the OhioMATYC scholarships again beginning Fall 2020. An idea is to have a raffle at the conference. We are working on it. Please bid on the raffle action! If you have any other ideas, please share them with us. Also, if you have colleagues in your department that are not members of our organization, please encourage them to sign-up to support our profession, our organization, and our students. The membership is only \$10.00 /year, or \$25.00/3 years!

If you know a faculty member who has given exceptional service to his/her college, our profession, and is dedicated to our students, please consider nominating them for the 2020 OhioMATYC Distinguished Teaching Excellence Award. The winner of this award will then be in the running for the 2020 AMATYC Distinguished Teaching Excellence Award. To get more information and to nominate a colleague, please visit our website at <http://www.ohiomatyc.org/index.php/awards/teaching-excellence-award>.

Our organization needs to fill the President Elect position at our Spring meeting. If you are interested in running for the position, or if you want to nominate a colleague that might be interested, please contact John Nedel at jnedel@csc.edu. It is an excellent opportunity to serve our profession and our organization.

I would like to thank you for being part of and getting involved with our organization. I wish you all the best, and hopefully I'll see you all at the 2020 meeting.

Florian Haiduc, OhioMATYC President

Making an Impact on Student Learning

Written by Nancy Sattler, AMATYC IMPACT co-chair

You think you're just a drop in the ocean...
but look at the ripple effect one drop can make!
~Anonymous

Many of you are familiar with the American Mathematical Association of Two-Year Colleges (AMATYC) document *IMPACT: Improving Mathematical Prowess and College Teaching* which was published a little over a year ago. Members attending the OhioMATYC meeting last spring had an opportunity to receive a paper copy of the document. The document is available at <https://cdn.ymaws.com/amatyc.site-ym.com/resource/resmgr/impact/impact2018-11-5.pdf> and is a worthwhile read. The document is research-based and separated into chapters so that individuals can find exactly what they need regarding student proficiency, ownership, engagement, student success and research in mathematics.

Chapter 7 of the document is entitled *Continuing the Ripple: Bringing the Community Together to Accomplish Change*. Here in Ohio we are making a ripple and are seeing great change in the pathways that our students take at the two-year college. According to *IMPACT*:

Change, especially educational change, often requires periods of disruption, discomfort, and inconvenience on the part of faculty, administrators, and students. It is important, though, that such temporary issues not stand in the way of actions that will help students succeed and better meet their academic goals. One model for success in accomplishing educational change is to consider and involve stakeholders as change is envisioned and implemented. Those who seek to initiate change in the first two years of mathematics at the college level should never lose sight of the following five key elements for effective change: (1) student-centered, (2) policy-enabled, (3) administratively-supported, and (4) culturally-reinforced, (5) educator-driven (AMATYC, 2018, p. 66).

The State of Ohio is a leader of change in mathematics and is highlighted in the IMPACT document. The document *Rethinking Post-Secondary Mathematics* was cited in the IMPACT document. This document written in 2014, and found at https://www.ohiohighered.org/sites/ohiohighered.org/files/uploads/math/MATH-REPORT_SUMMARY_4.25.14.pdf lists the following strategies for Ohio colleges and universities:

Strategy #1: Develop high-quality entry-level courses and pathways connected to coherent programs of study for students majoring in (1) mathematics, (2) other mathematics-intensive majors, and (3) majors that are not mathematics intensive.

Strategy #2: Develop transfer policies and processes that foster effective transfer of course credits while encouraging course innovation on all public campuses.

Strategy #3: Support constructive engagement of mathematics chairpersons and faculty within **campus communities** and across campuses to shape curricular policy, improve instruction and bolster student support and advising.

Strategy #4: Develop high-quality measures for improving mathematics course offerings and instruction; and collect, analyze and share relevant data.

Strategy #5: Improve student success in college-level mathematics courses by aligning postsecondary expectations and high school practice (Ohio Department of Higher Education, 2014, p. 2-4).

At the present time, Ohio has defined three pathways for students: Quantitative Reasoning, Statistics, and the STEM Pathway (College Algebra/Calculus.) There are conversations being held at the state level to increase the number of pathways students have.

What is your institution doing to promote student success? Are you offering alternative pathways for your students? Have you put into place the co-requisite model? What other ways are you promoting change in your own classroom, your department, or at your institution? Check out my.amatyc.org and IMPACT Live! The discussions are just getting started and you can be a part of the innovative website by joining any one of a number of communities which include Adjunct Faculty Issues Network, Developmental Mathematics, Mathematics Pathways, Division/Department Leadership, Equity, IMPACT Live!, Innovative Teaching and Learning, International Mathematics, Mathematics and its Application for Careers, Mathematics for Liberal Arts, Mathematics Intensive, Mathematics Standards in the First Two Years of College, Placement/Assessment, Research in Mathematics Education for Two-Year Colleges, Statistics, Statistics/Data Science, and Teacher Preparation. I hope to see you there!

“As our society continues to change and evolve, so must our approach to teaching mathematics in the first two years of college” (AMATYC, 2018, p. 8). Often, student success is achieved when all stakeholders work together to find solutions to critical issues. As a mathematics faculty member in Ohio you can create a ripple and can promote positive change.

A MESSAGE FROM THE MIDWEST VICE PRESIDENT OF AMATYC JON OAKS

As we turned the page not only into the new year, I hope that you were able to find some time to reflect on the past as well as look forward to the new decade. In January, the new AMATYC Executive Board, along with the Academic Committee Chairs and ANet Leaders, did just that as we came together for our Strategic Planning and Orientation Meeting. During this time, we reviewed what the organization has done in the past. We also brainstormed action items for our vision for the future. I want to share some things from that meeting with you now.

MyAMATYC – AMATYC has launched a new member website at my.amatyc.org. Here you can stay up to date with the latest news and activities from AMATYC's Committees and ANets. You can also connect with other members, have discussions about relevant topics, and find resources. As we refine this site, I encourage you to pass along any issues that arise while using the site so we can resolve them promptly.

Student Research League – I encourage you to get a team of students together to participate in the Student Research League. The deadline to sign up is March 15, and you can find more information on the AMATYC website. Maybe your students will be the ones to bring the first-place prize to the Midwest Region again this year!

Webinars – Please consider attending an upcoming AMATYC webinar. This year there are already webinars planned by the Equity Committee, Statistics Committee, AMATYC Conference Committee, and International Mathematics ANet. You can see the current webinar schedule and watch recordings of past webinars on the AMATYC website by visiting <http://bit.ly/amatyc-webinars>.

Traveling Workshops – If you are looking for a way to bring Professional Development to your campus, consider hosting an AMATYC Traveling Workshop. This year there are several grant opportunities to help defray the costs, including one through a partnership with the Academy of Inquiry-Based Learning. For more information, please visit the AMATYC website.

SAVE THE DATE! – This year's AMATYC Annual Conference is November 12 – 15 in Spokane, WA. I hope to see many of you there!

As always, if you would like to see more updates like this, along with other news and interesting articles, please join the AMATYC Midwest Regional Facebook Group at <http://bit.ly/amatycmidwest>. And please do not hesitate to contact me if you have any questions about the information above. I look forward to serving as the Midwest Vice President for another term. Thank you for this opportunity!

Jon
jonnyoaks@gmail.com

Please consider joining one of AMATYC's Academic Committees, such as the Statistics Committee

The role of the AMATYC Statistics Committee is to provide a forum for the exchange of ideas, the sharing of resources and the discussion of issues of interest to the statistics community. In particular:

- To provide professional development and support for the teaching and learning of statistics
- To foster the use of the GAISE guidelines in the first two years of college
- To serve as a liaison with four-year college faculty, other mathematical organizations and professional statistics organizations in order to share resources.

Chair: Julie Hanson (julie.hanson@clinton.edu)

2020 OHIOMATYC ANNUAL CONFERENCE INFORMATION

Location: Mohican State Park

Lodging Info: \$108 + 13% tax + \$2 technology fee = \$124.04/night [This room block is available through Tuesday, March 3, 2020]

Location: Mohican Lodge & Conference Center

Call for Reservations: (419) 938-5411 and ask for the OhioMATYC Block.

Tentative Schedule: Registration and lunch begin at 11:30 a.m. on Friday, April 3, with sessions beginning at 12:30 p.m.. The sessions will conclude at 12:00 p.m. on Saturday, April 4.

Registration: \$45 for members registering by March 2. \$55 for non-members and all registrations after March 2.

PreConference Workshop is free to all registrants.



OHIOMATYC ANNUAL MEETING SPEAKER PROPOSAL FORM

Name _____ Mailing Address _____

School/ Institution _____ Phone _____

Email (required) _____ Co-Presenter(s) _____

Title of Proposed Session

Description (50 words or fewer)

Proposed Session Length: 20 minutes 50 minutes 90 minutes

Equipment Needs: _____

Is this a textbook/software commercial presentation? If so, please explain:

You can fill out this form online at www.ohiomatyc.org or scan and e-mail a written copy to Past - President John Nedel at jnedel@csc.edu

DEADLINE FOR SPEAKER PROPOSALS IS March 2, 2020