



SPRING 2022

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

Dear colleagues,

Greetings and a healthy and Happy New Year!

I hope you all had a restful winter break after a very challenging and stressful year. Let's hope that things will go back to normal this year (even though the signs are not very encouraging). Despite all the problems raised by this never-ending pandemic, we were able to host two main events in 2021. First, we had a virtual joint conference with the Ohio chapter of MAA. It was a successful conference with great presentations and very good attendance. I would like to thank the Hawkes Learning organization for facilitating and providing all the logistics for that conference. Second, in November we hosted a virtual symposium focused on the CCP Mathematics Program. The symposium was recorded and it is still available to those interested. The link can be accessed from our organization website (on our organization home page, click on CCP Mathematics Symposium). Many thanks to the panelists and to all involved that made this event possible.

Now it is time to think about future! I would like to invite you to the **2022 OhioMATYC Annual Conference**. We are planning to have a one day, in-person conference at Columbus State Community College on Friday, April 22, 2022 from 10am-4:30pm. To make this year's conference a success, please consider giving a presentation that covers one of the different aspects of our profession: methodology, co-requisites, curriculum design/redesign, etc. from developmental to college level mathematics courses. The links to register for the conference and to submit proposals will be posted on our website later this month. Please check the OhioMATYC website regularly for updates. However, proposals must be submitted to our president-elect, Vic Perera ([vperera@kent.edu](mailto:vperera@kent.edu)) and to me ([fhaiduc@starkstate.edu](mailto:fhaiduc@starkstate.edu)) as well. **The due date to submit proposals for the conference is March 11, 2022.**

As you already know, my term is expiring this year. Therefore, our president-elect, Vic Perera, will take over as President of our organization. Jennifer Dragoo, our secretary, whose term also expires, has agreed to stay on board for another term. However, we have three open positions that need to be filled to increase the efficiency of our organization. The commitment is a two-year term, which will start after the 2022 OhioMATYC annual conference. These positions are:

- Fundraising Committee Chair
- Conference Committee Chair
- Communication Committee Chair

If you are interested in serving in any of these positions, or for more information, please email me at [fhaiduc@starkstate.edu](mailto:fhaiduc@starkstate.edu). This is an excellent opportunity to serve our profession, our students, and our organization. It is also a great service to boost a promotion portfolio! We have many dedicated and excellent college professors in Ohio. If you know faculty members who are doing an outstanding service at their institutions, for our students and our profession, please consider nominating them for the 2022 Teaching Excellence Award. The winner will be our nomination for the 2023 AMATYC Teaching Excellence Award. For more information and to download the nomination form, go to the AWARDS section on our website. Please email me ([fhaiduc@starkstate.edu](mailto:fhaiduc@starkstate.edu)) and Michelle Duda ([mduda5@csc.edu](mailto:mduda5@csc.edu)) all nomination forms by **March 11, 2022**.

Additionally, we will offer two Rudy Sattler Memorial Scholarships to outstanding developmental mathematics students, and one OhioMATYC Scholarship for an outstanding college level mathematics student. For more information about scholarships, visit the Awards section on our website. All nominations must be submitted to Michelle Duda at [mduda5@csc.edu](mailto:mduda5@csc.edu) by **March 11, 2022**.

I would like to thank all of you for being a member of OhioMATYC. Your involvement is crucial for the future of our organization and our profession. Since we are a nonprofit organization, one important way to help is to keep your membership up to date. The cost is \$10/year or \$25/3 years. If you don't know the status of your membership, please email our treasurer, Karen Starin at [kstarin1@csc.edu](mailto:kstarin1@csc.edu). She has the most current membership list.

Lastly, I would like to wish you all the best in 2022, and success in all your endeavors. I hope to meet you all at the 2022 conference.

Florian Haiduc



Submitted by Nancy Sattler

## Become a TPSE Leadership Institute Fellow

Are you interested in leadership opportunities? Consider the TPSE Math (Transforming Post-Secondary Education in Mathematics) Leadership Institute, a year-long program that helps prepare a diverse group of future leaders within the mathematics community. The goal of this program is to help each participant learn new leadership skills and expand their vision of what leadership means. Each participant will increase their ability to make a difference as a leader at the local and national levels, and respond to future challenges as leaders at their institution, in professional organizations, and within Federal agencies. The Institute especially encourages participants from underrepresented groups in mathematics. TPSE is committed to ensuring participant diversity of ethnicity, gender, geographical location, and institution type.

Each participant, known as a Fellow

- receives training in leadership skills through a two-day summer workshop, bi-monthly group virtual meetings to discuss leadership principles, and bi-monthly meetings with a mentor who is an experienced leader. Travel expenses for the two-day summer workshop will be covered by the Institute.
- works on a self-selected leadership project during the year they are participating in the Leadership Institute. A stipend of up to \$1000 is available for each Fellow to help with their project.
- is matched with an experienced leader who serves as a mentor to that Fellow. The mentor provides guidance on completing the leadership project, developing leadership skills, and progressing in future leadership activities.

The online application form that can be accessed at <https://docs.google.com/forms/d/e/1FAIpQLScPLdzCDmpmL2qO4i83vQ62SO19ED2CJQutkNIavnpl7XrHg/viewform>. Applications are due by **April 15th** and will include:

- A one-page statement of interest that addresses such topics as your previous leadership experience, your future leadership aspirations, your reasons for applying, how the TPSE Math Leadership Institute could impact your future, etc.
- A one-page description of the project you propose to pursue while participating in the Leadership Institute. (Project descriptions of the first group of fellows can be found at <https://www.tpsemath.org/faculty-participants>)
- A letter of support from a department chair or dean or provost including what accommodations to your normal workload would be possible (e.g., a course release to participate in the program, supplemental funding for you to attend a conference or work on your leadership project, potential future leadership projects that you could be involved with, etc.)

For further information, visit the TPSE Math website at <https://www.tpsemath.org/leadership>. Send questions about the Institute to [leadership@tpsemath.org](mailto:leadership@tpsemath.org)

**AMATYC INFORMATION  
SUBMITTED BY****NANCY SATTLER**

AMATYC continues to strive to move mathematics education in two years college forward. In June of 2020, AMATYC launched the new **myAMATYC website** ([my.amatyc.org](http://my.amatyc.org)). The website is designed to provide a way for AMATYC members and the mathematics education community to engage with colleagues. Over the past year and a half, the site has been evolving to meet the changing needs of its members. The site offers:

- Libraries - explore new ideas and resources, find tomorrow's classroom activity today
- Communities - collaborate and exchange ideas with mathematics faculty with similar interests (Regions, ANets, IMPACT Live!, special interest groups)
- Directories - find contact information and profiles to build your network of colleagues
- Discussions - ask for advice, help, and opinions about areas of interest and/or concern.

Complete access to the site is available to all AMATYC members as well as those choosing a Websubscription (\$25/year through AMATYC).

One of the main features of myAMATYC is the **IMPACT Live! Community** which is available to the general public. IMPACT Live! provides colleagues with the opportunity to engage in weekly discussions, monthly blogs, and seasonal themes that support the *IMPACT* document. These seasonal themes revolve around the four pillars of PROWESS (PRoficiency, OWnership, EngagemenT, and Student Success) that are part of the *IMPACT* document. IMPACT Live! consist of:

- A landing page (welcome/introduction site)
- The *IMPACT* document page (pdf version of the entire document and individual chapters as well as the Crossroads and Beyond Crossroads documents)
- IMPACTful Thoughts page (monthly blog)
- IMPACT in Action (weekly discussions that support the monthly blog theme)
- IMPACT Plus (research driven material that is an extension of *IMPACT*)

Each month of IMPACT Live! has a different "host" that chooses a theme that relates back to the *IMPACT* document. New initiatives include an accompanying LiveWire podcast that provides an audio introduction of a member of the monthly hosting team.

Utilizing myAMATYC and IMPACT Live!, AMATYC has kept the membership and stakeholders engaged in the quickly changing landscape. We have heard stories of colleagues with 25+ years' experience, who share that they feel like beginning/new teachers again as they learn and adapt to new technologies and practices to engage our students across teaching platforms (virtual, blended, face to face). We have also watched and engaged in discourse about DEI research and exposed the necessary changes to the curriculum.

This is the year to examine those conversations and use the research and dialogue to update IMPACT! This year AMATYC will start a continuous review cycle for keeping the AMATYC standards up-to-date. Join the IMPACT Team (**Standards Committee**) to engage in this exciting and innovative practice!

If you have any questions or suggestions contact:

myAMATYC - Karen Gaines, Online Community Coordinator, [occ@amatyc.org](mailto:occ@amatyc.org)

IMPACT Live! - Evan Evans, IMPACT Digital Coordinator, [eevans@frederick.edu](mailto:eevans@frederick.edu)

Standards - Julie Phelps, Standards Committee Chair, [jphelps@valenciacollege.edu](mailto:jphelps@valenciacollege.edu)

## Tech Tip Videos

Written by Nancy Sattler

Are you thinking about trying something new with technology in your classroom but do not know where to start? The Teaching Strategies and Practices sub-group of TPSE Math (Transforming Post-Secondary Education in Mathematics) has commissioned a set of short videos to explain various technology tools that can be used to engage students in the learning of mathematics. The videos give a brief description of the tool, the pedagogical purpose, and an explanation of how the tool can support the learning goals of mathematics courses and enhance the student's experience. The video shows the tool in use from both faculty and student perspective. Videos and tips are available to all classroom teachers.

If you wish to learn more about Desmos, Discord, NearPod, Perusall, VoiceThread or Wonder.me, check out <https://www.tpsemath.org/teaching-strategies-and-practices>. If you are using a different tool and would like to learn about creating a video to share on the TPSE website, contact Nancy Sattler at [nsattler@terra.edu](mailto:nsattler@terra.edu).



## 5<sup>th</sup> National Mathematics Summit

**March 16 and 17, 2022**



The 5th National Mathematics Summit, sponsored by NOSS, AMATYC, Carnegie Math Pathways/WestEd, Charles A. Dana Center, Mathematical Association of America, Achieving the Dream, and Paul Nolting, will be held in-person as a NOSS pre-conference event.

Many of us deal daily with issues involving mathematics reform of the first two years of college. With a mixture of virtual, campus-based, and corequisite courses, designing curriculum has become even more challenging. Some past curriculum redesigns, such as virtual learning, have resulted in lower passing rates. Now, we are dealing with the effects of COVID, like "Swiss cheese" backgrounds, classroom anxiety, Zoom fatigue, and sophomore "freshmanitis" in those students who haven't had a chance to attend campus or use campus resources. These adjustments will continue through next fall, requiring more faculty training as well as more student support.

Building upon a series of webinars co-sponsored by the National Math Summit Planning Committee, the National Mathematics Summit responds to faculty, chairs, and administrators' requests to provide additional training to improve all mathematics courses. The primary focus for this summit will be on improving student learning skills, active learning, mindsets, and assessing pre-requisite skills.

Sessions will be presented by AMATYC, NOSS, Carnegie Math Pathways/WestEd, Dana Center, MAA, Achieving the Dream, and Paul Nolting. The sessions will showcase instructors who have successfully managed virtual instruction, corequisites, active learning, non-cognitive academics skills and other areas. Some of the workshop titles are presenters are on the page that follows. The Summit will begin on Wednesday, March 16 at 1:00 p.m. with keynote speaker, Julie Phelps. It closes with a keynote by Paul Nolting on Thursday, March 17 ending at 5:00 pm. The Summit will sponsor a social event on the evening of March 16.

### Register Today

The Summit begins on March 16, 2022, at 1pm and concludes on March 17 at 5pm. It will include a sponsored social event on the evening of March 16.

Participants only need to register for the pre-conference for \$125

Go to <https://thenoss.org/Math-Summit> to register.



Organization	Presentations & Presenters
NOSS	<p><b>Harmonizing Pathways, Corequisite</b> Tina Ragsdale</p> <p><b>Success for Adult Students is on the RISE: The Transformation of Math Anxiety</b> Glynis Mullins</p> <p><b>Co-requisite Mathematics Remediation: Is it working? Data Results</b> Annie Childers</p> <p><b>Mathematics Placement Tests, Are They Really Necessary for College Success?</b> Lori Austin</p>
AMATYC	<p><b>Teaching that Builds Mathematical Identity</b> Kathry Van Wagoner</p> <p><b>IBL: Doing &gt; Telling</b> Ana Jimenes</p>
Paul Nolting	<p><b>Improving Success: Use Active Learning to Integrate Math Study Skills into Camps and Virtual Courses</b> Paul Nolting and Rochelle Beatty</p> <p><b>Classroom and Virtual Mathematical Mindsets – Strategies for All Students</b> Rochelle Beatty and Paul Nolting</p>
Dana Center	<p><b>Openly Available Toolkit for Equitable Corequisite Implementation</b> Connie Richardson or Joan Zoellner</p> <p><b>Openly Available Collaborative Activities for Relevant Gateway Math Pathways Courses</b> Connie Richardson or Joan Zoellner</p>
MAA	<p><b>Active Learning in Mathematics - Where the Magic Happens</b> April Storm</p>
WestEd/ Carnegie Math Pathways	<p><b>Teaching Math for Equity: Cultural Relevance and Inclusion in the Classroom</b> Ann Edwards</p> <p><b>Promoting meaningful collaboration in online and hybrid math instruction</b> Lewis Hosie and Dan Ray</p>
ATD	<p><b>How Open Educational Resources Enable Culturally Responsive Teaching</b> Paula Talley and Richard Sebastian</p>

**Planning Committee:** Annette Cook (NOSS), Paul Nolting, Julie Phelps (AMATYC, MAA), and Nancy Sattler (AMATC).

**Steering Committee:** Rochelle Beatty, Christina Cobb, Ann Edwards, Ana Jimenez, George Hurlburt, Denise Lujan, Glynis Mullins, Connie Richardson, April Strom, Paula Talley, Kathryn Van Wagoner, and Laura Watkins.

## 2022 OhioMATYC Annual Conference

Date and Time: **Friday, April 22, 2022 from 10am to 4:30pm**

Location: The Conference Center  
Center for Workforce Development, 4<sup>th</sup> Floor  
Columbus State Community College  
315 Cleveland Avenue  
Columbus, Ohio 43215

Directions: <https://www.csc.edu/community/conference-services/location.shtml>

Parking: You are welcome to park at any Columbus State student parking lot.

Tentative Schedule: Registration Begin at 9am.  
Concurrent Sessions from 10am – 12noon.  
Lunch and Business Meeting from 12noon to 1:30pm.  
Concurrent Sessions from 1:30 – 4:30pm.

Registration: \$45 for members registering before April 8.  
\$55 for non-members and all registration after April 8.

Lunch is included with registration.



Register and update your OhioMATYC membership at: [www.OhioMATYC.org](http://www.OhioMATYC.org)

### 2022 OhioMATYC Conference Speaker Proposal Form Due Friday, March 11, 2022

Name: \_\_\_\_\_ Mailing Address \_\_\_\_\_

School/ Institution \_\_\_\_\_ Phone \_\_\_\_\_

Email (required) \_\_\_\_\_ Co-Presenter(s) \_\_\_\_\_

Title of Proposed Session \_\_\_\_\_

Description (50 words or fewer)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Proposed Session Length ( Circle one ):    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](http://www.ohiomatyc.org) or scan and e-mail a written copy to President – Elect: Vic Perera at [vperera@kent.edu](mailto:vperera@kent.edu).