

Michigan Section Mathematical Association of America **NEWSLETTER**

VOLUME 49, ISSUE 1

DECEMBER 2022

This and older issues of the *Newsletter* can be found at sections.maa.org/michigan/newsletters

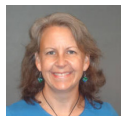
Contents

Reports from the Board	2
Chair	2
Past Chair	2
Four-Year-College Vice-Chair	4
Secretary-Treasurer	5
Two-Year-College Vice-Chair	6
Section Representative	7
Campus News	7
Michigan Section Awards	12
DSA Award	12
DTA Nominations	13
DSA Nominations	13
DTA Award	14
Upcoming Meetings	14
Past Meetings	15
AMC 10 and 12 Results	15
Committees & Appointments	16
Calendar of Events	17

Co-Editors:

Beth Wolf (UM-AA) <bethwolf@umich.edu>
Corresponding Editor
Clark Wells (GVSU) <wellsc@gvsu.edu>
Technical Editor

In This Issue



Chair's Report **2**
Amy Shell-Gellasch (EMU) gives us an update on upcoming changes to the bylaws.



Four-Year-College Vice-Chair's Report **4**
David Murphy (Hillsdale C) gives us a preview of our section's centennial meeting!



Secretary-Treasurer's Report **5**
Richard "Abe" Edwards (MSU) reports on the financial situation of our section.



Two-Year-College Vice-Chair's Report **6**
Jon Oaks (Macomb CC) reports on last spring's meeting and lists upcoming opportunities.



Section Representative's Report **7**
Victor Piercey (Ferris State U) updates us on the MAA at the national level and tells us about a number of new programming initiatives.



Call for Service Award Nominations **13**
Know someone whose outstanding service should be recognized? Nominate them for the Michigan Section-MAA 2023 Distinguished Service Award. Nominations are due January 31, 2023.



Call for Teaching Award Nominations **13**
Nominate an outstanding instructor for the Michigan Section-MAA 2023 Distinguished Teaching Award. Nominations are due December 31, 2022.



Volunteer to Serve the Section **2**
There are volunteer positions with the section that need to be filled. Volunteer or nominate someone to help out our local mathematicians!

Reports from the Executive Board

Chair's Report

[Amy Shell-Gellasch \(EMU\)](#) <ashellge@emich.edu>

Dear Michigan Section,

Happy Fall! I hope that everyone had an enjoyable and productive summer. Now that the colors are changing, it is time to start looking to what our section has been working on and where it would like to go. To that end, the executive committee of the section spent time last year revising our bylaws. This was necessary, and suggested by the MAA, since we are no longer running the Michigan Math Prize Competition (MMPC) and needed to remove references to it from the bylaws. Sections revise their bylaws on a schedule that would have required Michigan to revise in a few years, so in the name of efficiency, we decided to revise all of our bylaws now.

The major changes proposed revolve around lengthening the terms of executive committee officers from one

year to three years to allow for institutional memory and the ability of officers to take on and finish projects. Secondly, we would like to add a dedicated program chair for the annual meeting, which would allow the Four-Year-College Vice-Chair to work on programming and outreach at colleges and schools.

These changes are now reflected in the draft bylaws, which have been vetted by the MAA. Once the executive committee formally votes in favor, the new bylaws will be sent to the membership for approval. Keep an eye out for the information in the next month or two.

While we are on the subject of meetings and outreach, we are looking for volunteers to help at the annual meeting, which will be at Alma College this spring, as well as volunteers to help with programming and outreach events across the state. Please see below and on page 4 to find out how you can help.

Have a great fall!

Past Chair's Report

[Victor Piercey \(Ferris State U\)](#) <VictorPiercey@ferris.edu>

Volunteer to serve the Michigan Section! Nominations are open for the positions of Chair, Four-Year Vice Chair,

and Two-Year Vice Chair, and we are looking for someone who would be willing to run as a Corresponding Co-Editor of our *Newsletter*. For more information, to nominate someone, or to nominate yourself, contact [Victor Piercey](#) <VictorPiercey@ferris.edu>.

Our Section Needs Your Help!

If you are interested in serving our section on the executive committee or want to help out our mathematical community in other ways, please let us know! We are always looking for people to help out in large or small ways. If you have a little time to give or slightly more, please email [Victor Piercey](#) <VictorPiercey@ferris.edu>.

Pictures from the Spring Meeting



Abe Edwards (MSU) and Victor Piercey (Ferris State U) receive awards.



Mark Bollman (Albion C) passes the baton to Victor Piercey (Ferris State U).



Norma Ortiz-Robinson and Will Dickinson (both GVSU) struggle to find the name of a raffle winner.



Amy Shell-Gellasch (EMU) presents a prize to a raffle winner.

Four-Year-College Vice-Chair's Report

David Murphy (Hillsdale C) <dmurphy@hillsdale.edu>

Happy 100 years!

This year marks the centennial of the Michigan Section, and that is cause for celebration. We hope you'll join us at the upcoming MAA Michigan Section Annual Meeting held at Alma College on Friday, March 31, and Saturday, April 1. The meeting will feature plenary talks by MAA President **Jenny Quinn** (University of Washington Tacoma) and Polya lecturer **Sarah Greenwald** (Appalachian State University), as well as local invited speakers **Scott Barnett** (Henry Ford College), **Mark Bollman** (Albion College), **Abe Edwards** (Michigan State University), and **Tim Sipka** (Alma College). In addition, on Friday, March 31, the Alliance for Michigan IBL will facilitate a pre-conference workshop.

Faculty and student contributed talks represent a vital aspect of the Annual Meeting. The program committee requests that all section members consider giving a contributed talk, as this venue is an excellent way to share your scholarly work, become better acquainted with your Michigan colleagues, and foster opportunities for collaborative work. Talks related to mathematical

scholarship, expository mathematics, and curriculum or pedagogy in the collegiate classroom are encouraged. Also, in recognition of our hundredth anniversary, talks related to the history of the Michigan Section and the MAA are desired.

We invite undergraduate and graduate students to give presentations at the meeting; faculty should encourage their students to consider this opportunity. The Ron Mosier Memorial Award will again be presented to the student(s) with the most outstanding talk. In addition, a student poster session will be held on Saturday.

A banquet followed by a plenary talk is planned for Friday evening and a luncheon is planned for Saturday. Further details about the meeting will be posted to <https://www.alma.edu/alma-college-presents/MAA2023/> and included in the Spring 2023 *Newsletter*.

The 2023 program committee consists of **David Murphy** (Hillsdale C), **Amy Shell-Gellash** (EMU), **Mark Bollman** (Albion C), and **Jonathan Oaks** (Macomb CC). The local arrangements chair is **Lisa Kaylor** (Alma C).

Call for Papers

The Michigan Section of the MAA invites papers or posters from faculty and students for the 2023 Annual Meeting to be held March 31 and April 1 at Alma College in Alma, Michigan.

Please submit titles and abstracts for talks related to mathematical scholarship, expository mathematics, curriculum and pedagogy in the collegiate classroom, and the history of the Michigan Section to <forms.gle/A2Aa3b1scgn4pNxc6>.

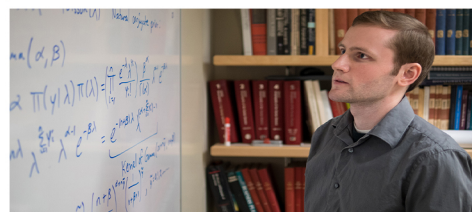


NOW ACCEPTING APPLICATIONS

One of the top biostatistics programs is doing a world of good through cutting-edge research in all areas of applied and theoretical biostatistics, including big data computing, longitudinal data, missing data, survival analysis, clinical trial design, and statistical genetics. Numerous student funding opportunities are available, including training grants and research assistantships. Degrees include a masters program with opportunity to concentrate in health data science and PhD program. Graduates are favored across a variety of employers including universities, governmental agencies, pharmaceutical companies and (bio)tech companies.

APPLY TODAY!

sph.umich.edu/biostat



Secretary-Treasurer's Report

Richard "Abe" Edwards (MSU) <aedwardsmsu.edu>

After paying all the expenses associated with our spring meeting, the Michigan section's current bank balance (as of October 28) is \$7,444.87. Most of the section's income is from member's voluntary dues payments, although we receive a small amount annually from the MAA (in 2022 it was \$782).

In my role as treasurer, I have the task of periodically reminding members to pay their dues. Coincidentally, I've been reading about the history of the Royal Society and was interested to discover that in the early years, "many Fellows were extremely remiss in paying their subscriptions, and for several years the Treasurer found great difficulty in meeting the calls made upon him." Perhaps if PayPal had existed in the 17th century, the situation would have been different.

If you would like to help this section by paying your dues, you may direct online payments using

[paypal.com](https://www.paypal.com) to <MichiganSectionDues@gmail.com>. Please provide your name, institution, mailing address, and email address in the notes for your payment. If you prefer to pay by check, please make checks payable to Michigan Section-MAA and send them to Dr. Richard Abraham Edwards, Michigan State University, 919 East Shaw Lane, East Lansing, MI 48825.

The voluntary dues contributions are as follows:

- Individual annual voluntary member donation \$15
- Individual annual sustaining member donation \$30
- Small institution annual donation \$40
- Large institution annual donation \$70

If you, like early members of the Royal Society, have been remiss in paying dues, I hope that you will resume supporting the section this year so that we can continue to have a robust mathematical community in Michigan.

As always, the members of the executive committee thank you for your support of the section's activities through your voluntary contributions.

Join the MAA!

The MAA is a professional society whose mission is to advance the mathematical sciences, especially at the collegiate level. MAA members include high school teachers, college professors, undergraduate and graduate students, pure and applied mathematicians, statisticians, computer scientists, and many others in academia, government, business, and industry. As a member, you will enjoy registration discounts at national meetings, electronic subscriptions to all MAA journals and magazines, automatic enrollment in your local MAA section, and access to employment services and exclusive online resources. To become a member, or to learn more about what the MAA can offer you, visit [<maa.org>](http://maa.org).

Two-Year-College Vice-Chair's Report

Jon Oaks (Macomb CC) [<jonnyoaks@gmail.com>](mailto:jonnyoaks@gmail.com)

It's been quite the busy year with so many things returning to back in person — including the spring section meeting at GVSU where we had a great Two-Year College Invited Address by MichMATYC President **Julie Gunkelman** and the MichMATYC Fall Conference where our very own **Amy Shell-Gellasch** gave the Lunch Keynote Address. I hope this "President's Exchange" speaker program can continue in future years. But also, if you have any suggestions for speakers for either of the conferences who would be great for two-year college faculty to hear from, please let me know!

In the meantime, here are some things to check out in the coming year!

AMATYC Diversity Dialogues The Diversity Dialogues on myAMATYC strive to share interesting and inspirational stories about mathematicians. On this blog, you can find posts about people such as **Ruth Gonzales**, the first known Hispanic female mathematician in the United States.

[<my.amatyc.org/divdialog>](http://my.amatyc.org/divdialog)

CSCC Annual Conference The 64th Council for the Study of Community Colleges (CSCC) Annual Conference will be held in Chicago, Illinois, on April 20—April 22, 2023. This year's theme is Advancing Emotional Well-Being through Equity-Mindedness.

[<csc.pitt.edu/annual-conferences/>](http://csc.pitt.edu/annual-conferences/)

RMETYC Anet Research in Mathematics Education for Two-Year Colleges (RMETYC) provides organizational support and mentoring for faculty researchers and institutions conducting research in mathematics education and its application in promoting effective teaching strategies. RMETYC will also provide support for the dissemination of findings and results emerging from research conducted with two-year colleges. Contact Chair **Frank Marfai** [<frank.marfai@phoenixcollege.edu>](mailto:frank.marfai@phoenixcollege.edu) for more information.

[<my.amatyc.org/researchinmathematicseducationfortwoyearcollegescommittee/home>](http://my.amatyc.org/researchinmathematicseducationfortwoyearcollegescommittee/home)

NCORE 2023 Call for Papers The National Conference on Race & Ethnicity in Higher Education (NCORE) is accepting presentations for its 35th annual conference (NCORE 2023). NCORE 2023 will be held in New Orleans, May 30–June 3, 2023.

[<ncore.ou.edu/en/upcoming-events/ncore-2023/call-for-presentations/>](http://ncore.ou.edu/en/upcoming-events/ncore-2023/call-for-presentations/)

Thank you so much, and if you ever need anything, please reach out to me through MAA Connect or by email at [<jonnyoaks@gmail.com>](mailto:jonnyoaks@gmail.com). I hope you have a great rest of your academic year!

Section Representative's Report

Victor Piercey (Ferris State U) <VictorPiercey@ferris.edu>

The MAA Congress held its first in-person meeting since the pandemic in August at MathFest. We were excited to be together in person, and there were a number of new section representatives (including me).

The MAA Impact Report for 2021 is now available online at <2021report.maa.org>. The report is delivered in a way that takes advantage of an online environment, allowing readers to visit what they are interested in learning more about without having to do a great deal of scrolling. What stuck out to me was member engagement — there were over 1,000 participants in MAA's virtual programming in 2021, and there were 1,815 participants at the 2021 virtual MathFest. We all know that these data points only scratch the surface, and the true impact of the MAA lies in our community.

There are a number of new programming initiatives offered by the MAA: In 2021, MAA launched MAA Open <maa.org/programs-and-communities/professional-development/open-math>, a series of online professional development programs that reduced cost and increased access. With over 1,000 participants in 2021, look for this initiative to continue.

The MAA is also developing a new journal, Scatterplot, that will focus on teaching the mathematics of data science.

In July, the MAA submitted an NSF proposal to fund a professional development program for VITAL faculty. VITAL stands for Visitors, Instructors, Temporary, Adjuncts, and Lecturers. If funded, the program will be called Project VITAL and will include elements of models used

by the MAA in Project NeXT and by AMATYC in Project ACCESS.

Speaking of Project NeXT, **Dave Kung's** term as Project NeXT Director will be ending in mid-2023 and the search for a new director is open. If you are interested in this position, please visit <[maa.org/sites/default/files/Project NeXT Director Sept 2022_updated.pdf](https://maa.org/sites/default/files/Project%20NeXT%20Director%20Sept%202022_updated.pdf)>.

This year, the MAA will be developing a new strategic plan. The last strategic plan was adopted 5 years ago. Expect the new plan to center on online programming as well as organizational matters (such as increasing membership and strengthening publication partnerships).

At the Congress meeting, section representatives have time to talk about what they do at their section meetings and exchange ideas. This made me wonder about what else we could do here in Michigan. There have been a few intermittent suggestions in the section about restarting a Michigan Section NeXT program. Several sections have their own NeXT programs. Unlike the national program, a section NeXT program does not have to be limited to new faculty. Programming could be informal, such as having a dedicated speaker, panel, or workshop at each meeting. The point would be to make sure the annual meeting always has some event that functions as professional development.

As you can see, this is an exciting time to be an MAA member. The organization offers a lot of great programming and opportunities, but most important, we are a community. We are one another's greatest resource — we have helped one another through the last two and a half difficult years, and will help one another in difficult times to come.

Campus News

Albion College

Mark Bollman <mbollman@albion.edu>

At the spring honors convocation, **Darren Mason** was named Teacher of the Year. **Andy Young** has joined the department this fall as Visiting Instructor of Mathematics. The Department of Mathematics and Computer Science received a generous contribution from **Don Johnson**, Albion Class of 1953 and an emeritus faculty member at New Mexico State University, to fund our weekly colloquium series.

Central Michigan University

Ben Salisbury <salis1bt@cmich.edu>

Dmitry Zakharov was promoted to associate professor, and **C-Y. Jean Chan** was promoted to professor.

Professor **Debraj Chakrabarti** received an NSF grant for his project entitled “New frontiers in several complex variables.”

Bryan Crouch, **Arkabrata Ghosh**, **Gabrielle Mynatt**, and **David Varner** completed PhD degrees in 2021–2022.



WESTERN MICHIGAN UNIVERSITY

College of Arts and Sciences

Department of Mathematics

Mathematics PhD

Mathematics MA

Applied Mathematics MS

Mathematics Education PhD

Mathematics Education MA

The Department of Mathematics offers a small graduate program in Kalamazoo, a small city in beautiful southwest Michigan. Students in mathematics education deepen and extend their understanding of mathematics and its learning and teaching. Through a focus on both theory and practice, these programs enable students to strengthen their classroom effectiveness; to assume leadership roles in curriculum, instruction, and evaluation; and to prepare for faculty positions at colleges and universities. Students in mathematics and applied mathematics extend their mathematical knowledge and prepare to pursue careers in education, industry, and government. Students in all programs learn from each others' expertise.

Currently all supported graduate students receive a tuition waiver. TA stipends range from \$14,178 to \$16,985. Although applications are considered on a rolling basis, applicants seeking financial support should submit their applications before February 15 to be considered for support starting the following fall.

Information: Steve Culver at math-info@wmich.edu or 269-387-4517 or visit <https://wmich.edu/math>

Application: <https://wmich.edu/grad/apply>

Ferris State University

Kirk E Weller <KirkWeller@ferris.edu>

Victor Piercey (Ferris State U), **Catherine Buell** (Fitchburg State U), and **Rochelle Tractenberg** (Georgetown U) were awarded a \$300,000, 3-year National Science Foundation grant to develop, implement, assess, and modify course materials to introduce ethical reasoning into post-secondary mathematics courses.

Hillsdale College

[David Murphy <dmurphy@hillsdale.edu>](mailto:dmurphy@hillsdale.edu)

Kevin Gerstle was promoted to associate professor and awarded tenure, while **Ryan Hutchinson** and **David Murphy** both were promoted to professor.

This fall we hosted **John Jacangelo** (NSA), who delivered two talks: “The Secret Lives of Mathematicians” on the kind of opportunities for mathematicians at the NSA, and “What do brain scans, Mars rovers, online shopping, and text mining have in common?” on the role of machine learning in these areas. Future talks this fall will include one by **Steve Oloo** (Kalamazoo C).

The computer science minor was successfully reintroduced with the addition of **John Seiffertt** (formerly of Providence College) to the faculty in Fall 2021. In its first year, twelve students declared a minor in CS and 121 students enrolled in computer science courses.

The Applied Math Club continues to provide extracurricular opportunities for students to learn about programming and modeling. Several students participated in the Mathematical Contest in Modeling last spring. Other Hillsdale Math Competition teams recorded their first-ever wins at the Michigan Autumn Take-Home Challenge last November and the Lower Michigan Math Competition last spring.

Four students (**Jack Graham**, **Aaron Jacobson**, **Abigail Price**, and **Adam Stacey**) gave talks at last spring’s Michigan Section Meeting, where Graham won Outstanding Student Presentation.

Hope College

[Todd Swanson <swansont@hope.edu>](mailto:swansont@hope.edu)

Jeff Martin and **Matthew Hoeppner** have joined the department as visiting assistant professors of mathematics and statistics. The department has an opening for a tenure-track position in statistics beginning Fall 2023. More information can be found at [<jobs.hope.edu>](mailto:jobs.hope.edu).

Kalamazoo College

[Eric Nordmoe <Eric.Nordmoe@kzoo.edu>](mailto:Eric.Nordmoe@kzoo.edu)

The Mathematics Department at Kalamazoo College is excited to welcome two faculty: **Dana Hunter** (Mathematics) who recently completed her PhD at the University of Oregon, and **Brian Wu** (Mathematics and Statistics) who arrives after serving as a visiting professor at Southwestern University.



COLLEGE OF
SCIENCE & ENGINEERING
MATHEMATICS
CENTRAL MICHIGAN UNIVERSITY

GRADUATE STUDIES PROGRAMS

Ph.D. in Mathematical Sciences

The Ph.D. degree at CMU is designed to prepare individuals for a career in college teaching and research, as well as other careers that require the knowledge of advanced mathematics. The program consists of broadly distributed coursework, professional pedagogical components, teaching internships, and a dissertation. Areas of research strength include algebra, algebraic geometry, approximation theory, combinatorics, complex analysis, computational mathematics, differential geometry, ethnomathematics, fluid dynamics, functional analysis, mathematical biology, mathematics education, operator theory, representation theory, and tropical geometry.

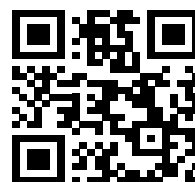
M.A. in Mathematics

The M.A. degree has an emphasis in the more computational aspects of mathematics for students who are interested in jobs in business, industry, and government. The degree program also retains the flexibility to prepare students for teaching mathematics at the undergraduate level or to undertake doctoral work in mathematics.



For information about any of our programs or how to apply, contact:

Graduate Coordinator
mthgrad@cmich.edu
se.cmich.edu/mth



CMU, an AA/EO institution, strongly and actively strives to increase diversity within its community (see <https://www.cmich.edu/aaeo>).

Lawrence Technological University

Bruce Pell <bpell@ltu.edu>

Matthew Johnston was awarded a LEAPS-MPS grant for incorporating stratification by vaccination status and virus variants in mathematical models of infectious disease spread.

Patrick Nelson recently accepted a new position as Associate Dean for Research in the College of Arts and Sciences. Robofest, Lawrence Technological University's Autonomous Robotics Competition, has kicked off our 2023 Season with a series of informational meetings where will review the season rules for the spring competitions. One meeting remains for anyone wishing for more information, on Saturday, January 7, 2023, 11:00 a.m.–12:30 p.m. EST at LTU and on Zoom (Zoom Link: <ltu.zoom.us/j/91826219837?pwd=cnEwaXF5Ryt1UGhLNldBQytTdGJVdz09>)

We would also like to share the 2022 Robofest Season Wrap-Up Video that highlights the teams, hosts and volunteers from last season: <youtu.be/bH_-ZIwNC_w>.

For more information, go to <Robofest.net>.

Olivet College

Susanne Lewis <SmLewis@olivetcollege.edu>

Dr. **Tiana Bosley** joined the faculty as Assistant Professor of Statistics in August 2021 and Dr. **Marco Wiedenhoef** was promoted to Professor of Physics and Mathematics in May 2022.

Western Michigan University

Melinda Koelling <melinda.koelling@wmich.edu>

At the end of June 2022, our previous chair **Steve Ziebarth** and our administrative assistant **Sue Simons** retired. The new chair is **Melinda Koelling** and the new administrative assistant is **Lori Diehl**.

We have had three PhD students graduate in the past year. **Yuya Kono** (*Vertex Identification in Graphs*) and **Peter Broe** (*Irregular Orbital Domination in Graphs*) completed their PhD theses under the direction of **Ping Zhang**. **Joshua Ruk** (*Maintenance of Cognitive Demand During Repeated Task Enactments Using a Teaching Practice That Builds on Student Thinking*) completed his PhD thesis under the direction of **Laura van Zoest**.

After years of research, planning and development, WMU began offering a new elementary education program to meet the call for change required by the Michigan's new Teacher Certification Structure, and related new Standards for the Preparation of Elementary Teachers (PreK-3 and 3–6). In the Department of Mathematics, this involved the development of four new courses focusing on mathematical knowledge for teaching along with practical field experiences in schools.

Michigan Section Awards

Michigan Section Awards 2022 Distinguished Service Award to Victor Piercey

Recognizing his commitment to serving students and teachers of Mathematics at the local, state, and national levels, the Michigan Section of the Mathematical Association of America has awarded *Victor Piercey* its 2022 Distinguished Service Award.

Dr. Piercey is a Professor in the Department of Mathematics at Ferris State University in Big Rapids, MI. In 2018, he was appointed Director of General Education. His service to the Michigan Section includes *Newsletter* Editor from 2015–2017, Four-Year College Vice Chair from 2017–2018, Chair from 2018–19 and from 2020–21, and he is currently the Past Chair of the section as well as our section representative to the MAA Congress.

At Ferris State University, he has developed a sequence of hybrid quantitative reasoning and algebra courses called Quantitative Reasoning for Professionals. In addition, he has written an active learning textbook for actuarial science financial mathematics and created and facilitated a faculty learning community to support the creation of themed student learning communities integrating general education with majors.

Victor is currently the equity officer for the Michigan Alliance for Inquiry-Based Learning and has led multiple workshops and reading groups on justice, equity, diversity, and inclusion on his campus, in the Big Rapids community, and with the Michigan Alliance for Inquiry-Based Learning. His drive to improve the undergraduate experience is a commitment to equity and justice.

For the MAA, Victor has served in several capacities, including but not limited to serving as chair of the MAA Special Interest Group on Inquiry-Based Learning (SIGMAA-IBL), and the MAA Special Interest Group on Quantitative Literacy (SIGMAA-QL). He is an associate editor of *PRIMUS* and was a contributor to the MAA's Instructional Practice Guide, and he currently chairs the MAA Committee on Curriculum Renewal Across the First Two Years.

Another significant way that Victor has impacted mathematics nationally is through his role as a member of TPSE's (Transforming Post-Secondary Education in Mathematics) Mathematics Advisory. He has been an author and lead author for the Charles A. Dana Center's Quantitative Reasoning course, is a member of the Board of Directors for the National Numeracy Network, and just recently joined the steering committee for a certificate program for mathematical modeling by COMAP (Consortium for Mathematics and its Applications).

This is just the tip of the iceberg of the service and outreach at the local, state, and national levels that Dr. Piercey has and will continue to pursue to advance and enhance the teaching and learning of mathematics at the collegiate level. The Michigan Section is lucky to have Victor, and we are honored to present him with the section service award.

2023 Distinguished Teaching Award Nominations Due December 31, 2022

Doug Lapp <lapp1da@cmich.edu>

Distinguished Teaching Award Committee Chair

Nominations for the Michigan Section's 2023 Distinguished Teaching Award are now being accepted, and must be received by December 31, 2022 to be considered. The Distinguished Teaching Award Committee strongly urges departments or individuals to nominate deserving faculty for this award. We recognize that there are many outstanding teachers in the section, but we can consider only those who are nominated.

The committee particularly welcomes nominations of individuals from groups (or types of institutions) that have historically been under-represented in mathematics or in the list of previous recipients of the award. Past recipients may be found at <sections.maa.org/michigan/history.html#award>. The person selected by the committee will be presented with the award in the spring at the annual meeting of the Michigan Section, and will also, pending submission of additional supporting material and membership in the MAA, become the Michigan Section nominee for the national MAA Deborah and Franklin Tepper Haimo Awards for Distinguished College or University Teaching of Mathematics.

Nomination Instructions Completed nominations must be received by December 31, 2022 to be considered for the 2023 Award. The nomination form is available on the section's website as a Microsoft Word file.

Send an electronic copy of the completed form to [Doug Lapp <lapp1da@cmich.edu>](mailto:lapp1da@cmich.edu); please use "Michigan DTA Nomination" as the subject.

Anyone may make a nomination (of someone else; self-nomination is not permitted), but nominations from chairs or MAA liaisons in departments of mathematical sciences are especially requested.

Eligibility for the Award To be considered for the award, a nominee must:

- Be a college or university teacher who currently teaches a mathematical science at least half-time during the academic year in a public or private college or university (from two-year college teaching through teaching at the PhD level) in Michigan. Those on approved leave (sabbatical or otherwise) during the academic year in which they are nominated qualify if they fulfilled the requirements in the previous year.
- Have at least seven years experience in teaching the mathematical sciences.
- Have had teaching effectiveness that can be documented.
- Have had influence in their teaching beyond their own institution.
- Foster curiosity and generate excitement about mathematics in their students.

2023 Distinguished Service Award Nominations Due January 31, 2023

Victor Piercey (Ferris State U) <VictorPiercey@ferris.edu>

Nominations are being solicited for the Michigan Section's Distinguished Service Award.

The awards committee will accept nominations until January 31, 2023.

Nominations should include the nominee's service in his/her home department as well as service to the section, and any service performed for national mathematics organizations or for the promotion of mathematics in a local community.

Please send nominations to [Victor Piercey <VictorPiercey@ferris.edu>](mailto:VictorPiercey@ferris.edu).

Michigan Section Awards 2022 Distinguished Teaching Award to Richard “Abe” Edwards

Doug Lapp <lapp1da@cmich.edu>

Yunus Zeytuncu <zeytuncu@umich.edu>

The MAA-Michigan Distinguished Teaching Award Committee is pleased to announce Dr. **Richard “Abe” Edwards** as the recipient of the 2022 award.

Dr. Edwards is an outstanding undergraduate mathematics instructor. He has taught a wide range of undergraduate math classes as well as a senior seminar course on the History of Mathematics, a multi-disciplinary course on Science in a Global Context, and a study abroad course on Mathematics in Historical and Cultural Contexts. Within Lyman Briggs College, Dr. Edwards is widely regarded as one of the most enthusiastic and effective mathematics instructors. He employs his training and research in mathematics education and a variety of resources, such as those from the Creativity Research Group, to create an inclusive and engaging learning environment. According to one of his colleagues, “He loves to teach, in and outside of the classroom.” He designs new ways to make the material accessible to students (without losing rigor). He teaches with passion for the subject and a desire to help every student and establishes a welcoming and safe environment to foster student engagement through humor, compassion, humility, and by investing time in students’ lives.

Dr. Edwards also broadly advances the teaching and learning of math, both by local efforts and through his contributions to research on the teaching and learning of mathematics. Dr. Edwards has also been actively engaged in developing, testing, and implementing Primary Source Projects (PSPs). As part of the NSF-funded TRIUMPHS group, he incorporated original historical texts and historical context into undergraduate mathematics.

Dr. Edwards is an exceptional mathematics educator who has helped many MSU students to connect with and love mathematics through classroom instruction, research projects, study abroad experience, senior seminars, and by just being there to listen and share experiences.

Upcoming Meetings

Upper Peninsula MAA

A fall Upper Peninsula MAA Meeting is tentatively being planned for Fall 2023. Anyone interested is welcome to contact conference organizer [Allan Struthers <struther@mtu.edu>](mailto:struther@mtu.edu). We’ll provide any additional updates in our spring issue.

Past Meetings

MichMATYC Update

[Julie Gunkelman](#) (MichMATYC President) <jagunkel@oaklandcc.edu>

The 2022 MichMATYC Conference took place on the Auburn Hills campus of Oakland Community College on October 1st. The keynote speaker, **Kathleen Almy**, spoke about the need to modernize math and higher education in general. Her presentation was not recorded, but her slides and materials from presentations throughout the day are posted on the conference website under the Presentations tab.

The 2023 MichMATYC Conference will take place on Friday September 29th and Saturday September 30th at Jackson College in Jackson, Michigan. The keynote speaker, **Doug Shaw**, will be running a highly interactive workshop on Friday and kick off our traditional conference day on Saturday.

After many website issues over the past year, the MichMATYC website is active again. You can view it via <michmatyc.org>. The Announcements on the homepage have links to emails sent via MailChimp. You can join the list and/or read past emails if desired.

The 2021 American Mathematics Competitions Results

[David Friday](#) (Macomb CC) <fridayd@macomb.edu>

The American Mathematical Contest 10 (AMC 10) and the American Mathematical Contest 12 (AMC 12) are 25-question, 75-minute competitions designed to challenge talented high school students outside of their typical classroom curriculum. The AMC 10 is geared toward students at grade 10 or below, and the AMC 12 is geared toward all high school students.

In the 2021–2022 academic year, a total of 29570 students (up from 26817 last year) at 1601 schools worldwide (up from 1519 last year) took part in the AMC 10 A and 21024 students (up from 16887 last year) at 1514 schools worldwide (up from 1406 last year) took part in the AMC 12 A. Additionally, 25347 students (up from 19719 last year) at 1420 schools worldwide (up from 1206 last year) took part in the AMC 10 B, and 18915 students (up from 13677 last

year) at 1409 schools worldwide (up from 1206 last year) took part in the AMC 12 B.

The top scorers from Michigan for each of these competitions are as follows:

- AMC 10A: Henry Jiang, a 9th grader from Detroit Country Day Schools (Troy) with a score of 132.0 out of 150.
- AMC 12A: Reagan Choi, a 12th grader from Troy High School (Troy) with a score of 139.5 out of 150.
- AMC 10B: Brian Zhang, a 9th grader from the Indus Center for Academic Excellence (Troy) with a score of 135.0 out of 150.
- AMC 12B: Reagan Choi, a 12th grader from Troy High School (Troy) with a PERFECT score of 150 out of 150.

Congratulations to the students!

Michigan Section—Mathematical Association of America

Committees and Appointments

Executive Committee

<i>Chair</i>	('23) Amy Shell-Gellasch (EMU) <ashellge@emich.edu>
<i>Vice Chair</i>	('23) David Murphy (Hillsdale C) <dmurphy@hillsdale.edu>
<i>Vice Chair</i>	('23) Jonathan Oaks (Macomb CC) <oaksj@macomb.edu>
<i>Sec.-Treas.</i>	('25) Richard "Abe" Edwards (MSU) <aedwards@msu.edu>
<i>Past Chair</i>	('23) Victor Piercey (Ferris State U) <piercev1@ferris.edu>
<i>Congress Rep.</i>	('25) Victor Piercey (Ferris State U) <piercev1@ferris.edu>

2023 Annual Meeting Program Committee

<i>Chair</i>	David Murphy (Hillsdale C) <dmurphy@hillsdale.edu>
<i>Member</i>	Amy Shell-Gellasch (EMU) <ashellge@emich.edu>
<i>Member</i>	Mark Bollman (Albion C) <mbollman@albion.edu>
<i>Member</i>	Jonathan Oaks (Macomb CC) <oaksj@macomb.edu>
<i>Chair, (Local Arrangements)</i>	Lisa Kaylor (Alma C) <kaylorlm@alma.edu>

Audit Committee

<i>Member</i>	Dan Isaksen (Wayne State U) <isaksen@wayne.edu>
<i>Member</i>	Michael Bolt (Calvin C) <mbolt@calvin.edu>

Other Appointments and Contacts

<i>Webmaster</i>	('25) Paul Pearson (Hope C) <michmaawebmaster@gmail.com>
<i>Public Inform. Off.</i>	Ruth Favro (Lawrence Tech U) <rfavro@ltu.edu>
<i>AMC Coordinator</i>	David Friday (Macomb CC) <fridayd@macomb.edu>

Michigan Section Newsletter

<i>Co-Editor</i>	('23) Clark Wells (GVSU) <wellsc@gvsu.edu>
<i>Co-Editor</i>	('23) Beth Wolf (UM-AA) <bethwolf@umich.edu>
<i>Ad. Manager</i>	Will Dickinson (GVSU) <dickinsw@gvsu.edu>

Distinguished Service Award Committee

<i>Chair</i>	('23) Victor Piercey (Ferris State U) <piercev1@ferris.edu>
<i>Member</i>	('23) Amy Shell-Gellasch (EMU) <ashellge@emich.edu>

Distinguished Teaching Award Committee

<i>Chair</i>	('23) Doug Lapp (CMU) <lapp1da@cmich.edu>
<i>Member</i>	('24) Sarah Koch (UM-AA) <kochsc@umich.edu>
<i>Member</i>	('25) Richard "Abe" Edwards (MSU) <aedwards@umich.edu>
<i>Member</i>	('23) Elizabeth Lamprecht (Adrian C) <elamprecht@adrian.edu>

Nominating Committee

<i>Chair</i>	('23) Victor Piercey (Ferris State U) <piercev1@ferris.edu>
<i>Member</i>	('23) Jonathan Oaks (Macomb CC) <oaksj@macomb.edu>
<i>Member</i>	('23) David Murphy (Hillsdale C) <dmurphy@hillsdale.edu>

Calendar of Events

Michigan Section–MAA Annual Meeting

2023: Alma College, March 31 and April 1
<<https://www.alma.edu/maa>>
2024*: Lake Superior State University
2025*: Saginaw Valley State University
*tentative

MAA MathFest

2023: Tampa, FL, August 2–5
<maa.org/meetings/mathfest>
2024: Indianapolis, IN, August 7–10
2025: Sacramento, CA, August 6–9

AMS Joint Mathematics Meetings¹

2023: Boston, MA, January 4–7
<jointmathematicsm meetings.org/jmm>
2024: San Francisco, CA, January 3–6
2025: Seattle, WA, January 8–10
2026: Washington, D.C., January 4–7

AMATYC Annual Conference

2023: Omaha, NE, November 9–12
<<https://amatyc.org/page/Conferences>>
2024: Atlanta, GA, November 14–17
2025: Reno, NV, November 13–16

NCTM Annual Meeting & Exposition

2023: Washington, DC, October 25–28
<<https://www.nctm.org/annualmeeting/>>
2024: Chicago, IL, September 25–28

¹The MAA's agreement with the AMS to jointly run the Joint Mathematics Meetings ended following the JMM in 2021.