hio Focus

Volume 15

Spring 2024

Number 23.1

MAA Ohio Section Spring Meeting at Ashland University: April 5 - 6, 2024

The Spring 2024 meeting of the Ohio Section of the MAA will be held at Ashland University in Ashland, Ohio on Friday, April 5 and Saturday, April 6. On campus registration starting at 12 noon on Friday and at 8AM on Saturday will take place in the Hawkins-Conard Student Center (HCSC) Conference Room on the 2nd floor. Parking for the



The MAA Ohio Section Newsletter

meeting will be in Parking Lot E, adjacent to the Myers Convocation Center, with additional parking available in Parking Lots A and B. Parking is free and does not require a permit. There is a walking bridge from Parking Lot E that crosses over Claremont Avenue and ends on the 2nd floor of HCSC. Visit <u>https://</u> <u>www.ashland.edu/maa-ohio-spring-conference</u> for meeting information and updates.

Note! Please reserve your hotel rooms early as Monday, April 8th is the solar eclipse and Ashland is within the path of totality. Some area hotels are increasing their rates significantly.

About Ashland University: Founded in 1878 as Ashland College, the name of the institution was changed to Ashland University in 1989 to reflect the many diverse undergraduate, graduate and professional programs offered. Ashland University has a rich tradition as a private, comprehensive institution preparing students for exciting professions and careers. Ashland University places great emphasis on the importance of each individual. The phrase "Accent on the Individual" has been an AU core value for many years and characterizes well the nature and content of the campus environment. It means that our concern for the student extends beyond ensuring a quality education in the classroom and laboratory to include a commitment to provide a stimulating and supportive environment in every respect. These ideas must be evidenced daily in the classroom, residence halls, each teaching site, on the playing fields and in our interaction with others.

Registration Information for Spring 2024 Meeting

Online registration is preferred. See the Section web site at <u>https://www.ohio.maa.org</u> for conference registration, banquet reservation, and abstract submission. The deadline for pre-registration and banquet reservations is Friday, March 29. On-site meeting registration is always available, but last-minute banquet tickets cannot be guaranteed. Early registration is appreciated. Abstracts for contributed papers must be submitted by Friday, March 22nd. On campus registration starting at 12 noon on Friday and at 8AM on Saturday will take place in the Hawkins-Conard Student Center (HCSC) Conference Room on the 2nd floor. *Continued on page 2*

From Our President - Chandra Dinavahi

Greetings All: I hope this message finds you well and you are all looking forward to our spring meeting.

First and foremost, I extend my sincerest thanks to the entire team at OU-Lancaster for their hospitality and hard work in ensuring that our sectional meeting was a resounding success. Paul Abraham and his crew did a wonderful job. Though I couldn't attend the Fall meeting due to travelling, from everything I've heard the meeting was excellent. The spring meeting at Ashland promises to be equally impressive. Alicia and the program committee have put together another great line of invited speakers including Cynthia Wyels from CSU, Candice Price from Smith College, Abraham Edwards from Michigan State University, Pup Horst from Case Western Reserve and Emily Rudman from OSU. Chris Swanson is working on the local arrangements and the Ashland section meeting website is already up and running. If you haven't already done so, please check out the section meeting webpage.



I encourage each of you to bring along your students, as their participation and enthusiasm are vital to the continued success of our society. Furthermore, I invite any members who are interested in serving the section to consider joining our various committees. Your contributions and fresh perspectives will undoubtedly enrich our collective efforts and help shape the future direction of our society. Please contact me or any of the committee chairs if you have any questions.

Lastly, I urge everyone to encourage new faculty members to take advantage of Ohio NeXT. This invaluable resource provides a platform for collaboration, mentorship, and professional development, ensuring that our mathematical community continues to thrive and evolve. I can personally vouch for that.

In closing, I extend my deepest gratitude to each and every one of you for your continued support and dedication to the Ohio Mathematical Society.

Registration Information continued from page 1: Meeting participants who are unable to register online may register by mail by sending the following information: name, affiliation, address, phone, e-mail address (if any), type of position, and banquet buffet reservation. Send with check, payable to Ohio Section MAA, for applicable fees [registration fee (\$45 ordinary registration, \$20 retired or part-time, no fee for students or first-time attendees), banquet buffet fee (\$25.00 per person)] to

Ohio Section MAA Spring Meeting

c/o Chris Swanson Ashland University 401 College Avenue Ashland, OH 44805 E-mail: cswanson@ashland.edu

Registration by e-mail will be pending receipt of registration fees.

From Our Section Representative - Phil Blau

I want to begin my last report as the section's representative to the MAA Congress by thanking you are so much for having the confidence to elect me as the representative for such an outstanding section. It was an honor, and I humbly hope I served the section well during my term- it has been great! While I have been consistently active in the section since my arrival in 2000, I truly enjoyed and benefited from this new experience working at the national level with so many dedicated faculty from all the sections and the MAA staff. Make sure to vote in the election for our next section representative; you should have received an email from MAA Election about this. The representative's term will begin with the MAA Congress that takes place the day before MathFest. Speaking of Math-Fest make sure to save the date: August 7-10 in Indianapolis. As this location is a neighboring state. I am sure our section will have a strong presence there. I hope to see many of your there. Having it held in a neighboring state should help with travel. Speaking of service opportunities, there are a variety of committees that could benefit for your service. There are committees on Communities, Prizes and Awards, Meetings, Publications, The Profession, and Teaching



and Learning. See <u>https://maa.org/about-maa/governance</u> for a detailed list and a link to nominate. Remember to take advantage of the online community at MAA Connect. You can stay connected with special communities such as those for the section and SIGMAAs. Another digital resource is the MAA YouTube channel, which contains video content from the distinguished lecture series and plenary talks from MathFest.

Also, the MAA (national) Project NExT project next applications are due April 15th. The superlative professional development program for now or recent Ph.D.s in the mathematical sciences has been ongoing for roughly 30 years. Project NExT supports all aspects of an academic career. Participation in the program can lead to improvements in the teaching and learning of mathematics in your classes, research and scholarships, exciting and interesting service opportunities, and profession activities. Please encourage eligible faculty at your institution to apply. See <u>https://bit.ly/MAAProjectNExt</u>.

I believe I have mentioned the newest journal, *Scatterplot: The MAA Journal of Data Science*, but let me remind you about it again. Topics in the journal include development of curricula combining mathematics and data science, intersections with other disciplines, social justice, and ethics, and the exposition of mathematical ideas used in data science applications.

I have no further information about the 2023-2028 Strategic Plan of the MAA since my update in the Fall 2023 Ohio *Focus*. I will remind you that the plan centered around four interconnected goals: strengthening community, developing leaders, increasing membership, and allocating resources. I will also restate that the mission of the MAA is to advance the understanding of mathematics and its impact on our world; our vision is a society that values the power and beauty of mathematics and fully realizes its potential to promote human flourishing. Our values are community, inclusivity, communication, and teaching and learning. I am sure there will be more discussions in future MAA Congresses as to how the membership of our section can help achieve these goals.

The MAA 2022 Impact Report (<u>https://2022report.maa.org</u>) gives an excellent summary of the organization. Be on the lookout for the MAA 2023 Impact Report in the future. The staff in communications at the MAA should be proud of their work. The report summarizes the state of the MAA and is informative with a nice layout that is easy to navigate.

Friday, April 5–1:30pm-2:30pm

Speaker Dr. Abraham Edwards—Michigan State University

Title: Simple Questions Can Lead to Surprising Complex Results

Abstract: One of the best habits that learners of mathematics can develop is asking questions that begin with "*What if*...?". In this talk I will share a story of how a particular "*What if*...?" question from a student led to an adventure in complex exponentiation. Starting with work by Leonhard Euler (1707–1783), Johann Lambert (1728–1777), and Joseph-Louis Lagrange (1736–1813), we then use some 21st-century technology to explore the curiously beautiful behavior of complex numbers and their behavior under repeated exponentiation.



Bio: Dr. Edwards is a 2005 graduate of Ashland University. He taught 7—12th grade mathematics for several years before earning an M.S. in mathematics from Cleveland State University. He obtained his Ph.D. from Michigan State University in 2016. He is currently in the Lyman Briggs College within Michigan State, which is a residential college dedicated to interdisciplinary teaching and research. Dr. Edwards enjoys teaching mathematics using primary historical sources, and regularly leads a study abroad program in the history of mathematics. His research focuses on the history of mathematics and its use in teaching. He is an associate editor for *Convergence*, and serves on the Committee on Undergraduate Studies for the Mathematical Association of America. He is the winner of the 2022 Distinguished Teaching Award for the Michigan Section of the MAA, and the 2023 Henry L. Alder award which is given annually by the MAA to faculty whose teaching has been extra ordinarily successful and whose effectiveness in teaching undergraduate mathematics is shown to have influence beyond their own classrooms. In his spare time (what's that?) he enjoys gardening, fishing, and hanging out with his three children (who don't care at all about complex numbers and just want daddy to read them a story).

Friday, April 5–2:50pm-3:50pm

Speaker: Dr Cindy Wyels - CSU Channel Islands

Title: Data Science for and by Pure Mathematicians

Abstract: Consider the skills and habits of mind developed through studying pure mathematics. These – and some basic statistical techniques – are enough to address some questions of interest given a small data set. With a larger investment of time for individual learning, a healthy dose of humility, and perhaps some collaborators, people whose preparation focused on pure mathematics can produce data-based studies of interest to wide audiences. Join me for a story involving a years-long transition, a cast of dozens, some alluring marine megafauna and much serendipity as I argue for the value of all types of research for and by all types of researchers.



Bio: Dr. Cynthia Wyels came to CSU Channel Islands in Fall 2005 after several years at California Lutheran University. At CSUCI, she co-authored three \$6 million HSI-STEM grants, directed the campus' LSAMP program, and served as chair of the Faculty Senate. She's mentored students through undergraduate research projects through the MAA's NREUP grants and NSF grants and has offered minicourses for faculty on conducting research with undergraduates. Dr. Wyels received SACNAS' Distinguished Mentor Award for work mentoring students and faculty from historically underserved groups as well as the MAA's Haimo Award for Distinguished University Teaching of Mathematics. Her mathematical research interests began in combinatorial mathematics and linear algebra. She now applies data analysis tools to study the effectiveness of educational interventions and to collaborate on environmental issues.

Friday, April 5–6:30pm-7:30pm

Speaker: Dr Candice Price - Smith College

Title: Can We Make Grace the Norm in our Classrooms?

Abstract: For much of my life, I was always confused about the way that people perceived the relationship between students and instructors in the classroom, especially in mathematics. There is such an adversarial relationship that even sharing my career choice with strangers leads to groans and stories of trauma. I believe this is what happens in a classroom without grace. So when we add grace the opposite should happen, right? During our time together, I hope to discuss with you the ways that I incorporate grace in my classroom and why many people think it is radical. I invite everyone to come and reflect on ways they can make grace the norm in their classrooms and spaces.



Bio: My name is Candice Price, and I am currently an associate professor in the Department of Mathematics at Smith College in Northampton MA. I was born and raised in California and earned a bachelor's degree (2003) from California State University, Chico, and a master's degree (2007) from San Francisco State University, both in mathematics. I earned my doctoral degree (2012) in mathematics from the University of Iowa under the advisement of Isabel Darcy. My area of research is applied mathematics, with an emphasis on mathematical models for biological questions. I also have research interests in math education and problems in the intersection of mathematics and social justice. In my teaching, research, and service I focus on a collaborative approach and view my work through the lens of inclusion and diversity.

Program Committee Nominee

Zijian Diao holds a B.S. from the University of Science and Technology of China and a Ph.D. from Texas A&M University. He has contributed to China's Guo Shoujing Telescope (LAMOST) project, coded the prototype of IBM's speech translation system MASTOR, and secured a US patent for a quantum search circuit. Currently, he teaches mathematics at Ohio University's Eastern Campus, where he served as the Faculty Chair from 2019 to 2021. He won the title of "Ohio University Regional Higher Education Outstanding Professor" in 2012.



Saturday, April 6 – 9:35 am –10:35 am

Speaker: Dr Pup Horst - Case Western Reserve University

Title: Interpretive dance as a Means to Active Learning

Abstract: Interpretive dance can serve as a low-stakes, physically engaging classroom activity. I will discuss my exploration of this technique in a first linear algebra course. Unlike earlier math courses, visualizations become increasingly abstract and metaphorical in a linear algebra setting---therefore, let us shift those abstract metaphors into physical motion! From matrix multiplication to a proof of the Spectral Theorem, we can do it all with interpretive dance! Note: Attendees will be encouraged to participate in the dancing! No

Note: Attendees will be encouraged to participate in the dancing! No standing is required, and all motions are low-exertion.



Bio: Pup Horst is currently faculty at Case Western Reserve University and the deputy editor of MAA Math Values. While xyr work was originally in lower-dimensional higher category theory, these days xe focuses primarily on pedagogy and teaching. In addition to finding xem dancing xyr way through math classes, you can find xem working with xyr cohort of Posse scholars, a group of diverse, leadership students on campus xe mentors as part of xyr role as Posse Faculty Mentor.

Saturday, April 6 -12:00 pm -1:00 pm

Speaker: Dr Emily Rudman—Ohio State University

Title: An Introduction to Lean

Abstract: Preparing undergraduates for higher mathematics often starts with some introduction to the mechanics of mathematical proofs. Typically, the more interesting the propositions studied in such classes, the fewer the details that can be reasonably demanded of the students in the proofs. This tradeoff often leaves students without a sure footing as to exactly what constitutes a proof. On the other hand, there is a dictionary between proofs of propositions and computer programs manipulating data of various fixed types, known in Computer Science as the Curry-Howard Correspondence. Teaching this correspondence allows students to get a handle on the rigor of proofs, even for high level propositions. I will first talk briefly about dependent type theory and a particular implementation in Lean. We will go through some examples of proving propositions by writing computer programs and verifying the proofs by evaluating those programs. We will discuss the pedagogical advantages and disadvantages of computerizing proofs and sketch some relevant experiences at OSU and beyond.



Bio: Emily Rudman is a Ross Assistant Professor of mathematics at Ohio State University. Prior to her time at OSU, Emily obtained her Master's degree in applied statistics and Ph.D. in mathematics from Indiana University. Her research interests include algebraic topology and homological algebra.

Campus Notes from Around the Ohio Section

From Sinclair Community College: Amy Lamb joined the department as an Assistant Professor this spring.

Nominate a Colleague for Section Distingusihed TeachingAward

There are many outstanding mathematics educators in the Ohio Section. If you know of such an excellent educator, please consider nominating him or her for the Ohio Section Award for Distinguished College or University Teaching of Mathematics.

To make a nomination, complete the one page preliminary nomination form available from the Ohio MAA Website at https://www.ohio.maa.org/nominations. You will be contacted by the Nominating Committee with further information about the nomination process.

Nominees must be members of the MAA and the Ohio Section, and they must have more than seven years of teaching experience in the mathematical sciences at the college/university level.

The award will be presented at the 2025 Spring Meeting of the Ohio Section and appropriate publicity will be generated at the winner's home institution. The winner will be considered for the Ohio Section's nominee for the MAA's Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics. Past Ohio Section winners who have gone on to receive the Haimo Award are Aparna Higgins (University of Dayton, 2005) and V. Frederick Rickey (Bowling Green State University, 1993). Questions or comments should be directed to David Stuckey Chair of the Teaching Award Committee, at dstuckey@defiance.edu. The nomination deadline is January 1, 2025.

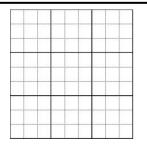
Project NExT Announcements

Call for Speaker/Panelists

Ohio NExT is seeking to facilitate engaging **special sessions** during the spring conference aimed at sharing experiences with **Innovative Teaching Techniques** (e.g. alternative assessment methods, classroom engagement strategies) and facilitating discussions surrounding **Recruitment and Retention**. If you have ideas or experiences to share, please submit an abstract for consideration!

Are you in your first five years of teaching in Ohio?

Ohio NExT has planned both **networking** and **professional development** activities for you! We plan to (1) meet for a free, pre-conference networking lunch 11am on Friday at Tacos & Tequila Mexican Restaurant, (2) networking table at the conference banquet, and (3) a post-conference workshop with free lunch on Saturday starting at 1:30. RSVP to Axel Brandt at <u>abrandt@jcu.edu</u> is requested but not required; "maybes" are most welcome!



Call For Contributed Papers

Presentations on any topic of general interest in mathematics or related areas are encouraged for the Contributed Paper Sessions on Friday afternoon and Saturday morning at the Spring Ohio Section meeting. Presentations are 15 minutes in length with 5 minutes for questions and transition to the next presentation. Your reports on projects, research announcements, or anything you believe would be of interest to those in attendance are welcome. Contributors should send a title and brief abstract by Friday March 22nd.

Online submission with your meeting registration (at <u>https://www.ohio.maa.org/</u>) is strongly preferred, but if necessary, you may submit your title and abstract to the chair of the Program Committee, Alicia Prieto-Langarica by e-mail at <a href="mailto: by U.S. mail at

Mathematics and Statistics Deparment Youngstown State University One Tressel Way Youngstown Oh 44555

Abstracts should be between 25 and 75 words in length and should employ proper English grammar and spelling. One speaker per session is greatly preferred, but two speakers in one session can be accommodated if necessary. Please use only plain text in your title and abstract as the abstract submittal system cannot process TeX or another graphics code.

Contributed talks by students are strongly encouraged!

All the rooms have a computer, projector and HDMI laptop connection. If you wish to project from an Apple device, then you must bring your own adapter. Internet access will be provided. Specific questions about technology availability should be addressed to Chris Swanson at cswanson@ashland.edu

Leo Schneider Student Mathematics Competition

Friday, April 5: 12-1:20pm

Undergraduate students from institutions of the Ohio section are invited to participate in the 20th annual Leo Schneider Student Mathematics Competition.

This year's competition will take place on Friday, April 5 from noon until 1:20. Rules, past exams, and registration for this year's contest can be found on the Ohio Section Student Member website <u>https://www.ohio.maa.org/student-contests</u> as well as copies of previous years' problems and their solutions.

Cash prizes (\$150 for first place, \$120 for second, and \$90 for third) will be awarded on Saturday to the top three teams.

Questions about the competition or other student activities can be addressed to the chair of CONSTUM, Matthew McMullen, at <u>mmcmullen@otterbein.edu</u>.

Two Sample Problems from the 2023 Contest

Determine the number of ways that one can tile a 4×13 rectangle with 4×1 rectangles.

A tangent line to the ellipse $x^2 + 4y^2 = 4$ meets the x-axis and y-axis at the points A and B, respectively. Find the minimum value of AB, the length of the line segment with endpoints A and B

Traveling to Ashland

Driving Information to Parking Lot E

Coming from the north or south on I-71

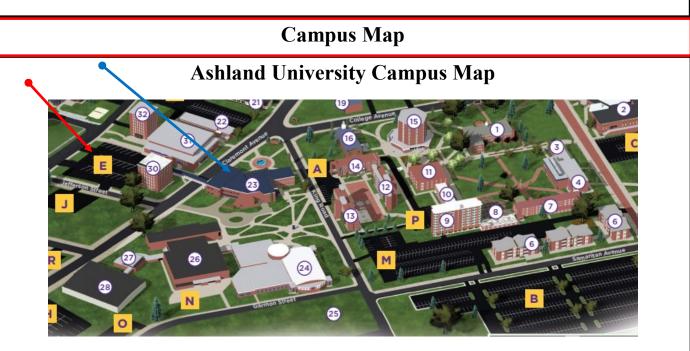
From Interstate 71, take exit #186 or U.S. Route 250, Ashland. From the exit ramp, turn left on Route 250 heading west. Do not take the Route 250 bypass; continue west on Main Street into Ashland. As you pass the downtown business district and Home Hardware on your left, merge into the left lane and turn left on Claremont Avenue at the next intersection. Continue south on Claremont Avenue in the right lane and turn right on Jefferson Street, the road immediately before Burger King.

Coming from the east on U.S. Route 30 or U.S. Route 250

When U.S. Routes 30 and 250 split on the west side of Wooster, take U.S. Route 250 west toward Ashland. Continue west on Main Street into Ashland. As you pass the downtown business district and Home Hardware on your left, merge into the left lane and turn left on Claremont Avenue at the next intersection. Continue south on Claremont Avenue in the right lane and turn right on Jefferson Street, the road immediately before Burger King.

Coming from the west on the Ohio Turnpike or coming from the north on U.S. Route 250

From the Turnpike, take exit 118, U.S. Route 250 and travel south on Route 250 about 37 miles to Ashland. At the traffic circle, do not take the Route 250 Bypass, but continue straight on Cottage Street into Ashland. As you approach the third traffic light, which is Main Street, be sure to stay in the center lane to go down the hill and straight through the intersection. When you cross Main Street, you will now be on Claremont Avenue. Continue south on Claremont Avenue in the right lane and turn right on Jefferson Street, the road immediately before Burger King.



All events will take place in the Hawkins-Conard Student Center (HCSC, **#23**), the upper part of the John C. Myers Convocation Center (CONV, **#31**) or the Arthur L. & Maxine Sheets Rybolt Sport Sciences Center (RSS, **#24**). The recommended parking lots are Parking Lot **E** or Parking Lot A. The address for Parking Lot E is 638 Jefferson Street. If Parking Lots E and A are full, there should be plenty of parking available in Parking Lot B. <u>More complete campus map</u>.

Hotel Information

Blocks of rooms have been reserved at the following hotels, each of which is located near the intersection of US-250 and I-71, approximately 3 miles (7 minutes) from campus. Please reserve your hotel rooms early as Monday, April 8th is the solar eclipse and Ashland is within the path of totality. Some hotels are increasing their rates significantly due to this.

Hampton Inn & Suites Ashland

2055 East Main Street, Ashland, OH Phone: 419-903-0900 or <u>book online</u> Special discounted rate of \$149+tax if reservations are made by March 4. Link above is for discounted rate and block is "Math Assoc. America." 20 rooms with 2 queen beds, 5 rooms with 1 king bed Arrangements can be made to stay through the eclipse.

Wingate by Wyndham Ashland

1392 Enterprise Parkway, Ashland, OH Phone: 419-281-2900 Special discounted rate of \$99+tax if reservations are made by March 15. Block is "Ashland University Math Conference"

Banquet Menu Banquet Information

There will be a banquet Friday night for \$25 per person. A buffet will be served with:

- Honey Dijon Garlic Chicken
 - Sun Dried Tomato Penne
- Julienne Vegetable Medley
 - Herb Roasted Red Skins
- Romaine & Spinach Salad
 - Assorted Dinner Rolls
 - Assorted Brownies
- Coffee/Decaf/Hot & Ice Tea

OHIO FOCUS

The newsletter of the Ohio Section of the Mathematical Association of America, which first appeared in 1973, is published twice yearly in time to reach members before the fall and spring meetings. Newsletters are published online at <u>ohio.maa.org</u> Notification emails are sent using addresses provided by the MAA.

Editor: Brian Shelburne, <u>bshelburne@wittenberg.edu</u> Professor Emeritus - Department of Mathematics and Computer Science - Wittenberg University Springfield OH 45501

The deadline for the next newsletter is August 15, 2024

E-mail copy is preferred. Please send copy to the editor (see above), and also to the Section Webmaster,, Tom Cuchta—Marshall Univ.<u>cuchta@marshall.edu</u> for posting on the web

02/17/24

MAA Ohio Section Spring 2024 Program

HCSC = Hawkins-Conard Student Center, CONV = Myers Convocation Center, RSS = Rybolt Sports Sciences Center

12:00-1:00 CONCUR (Curriculum) RSS 220 8:00-10:00 Book Vendors & Exhib- its HCSC Conference Committee Meetings CONSACT (Section Activities) RSS 221 8:00-9:25 Coffee and Pastries HCSC Conference 12:00-1:20 CONTEAL (Teacher Edu- cation & Licensure) RSS 230 8:50-9:25 Committee on Local Arrangements HCSC Comfeerence 12:00-1:20 CONSTUM Student Team Competition CONV Faculty 9:25-9:35 Welcome and An- nouncements HCSC Auditor nouncements 1:00-4:00 Vendor & Book Exhibits HCSC Conference 9:35-10:35 Invited Talk: "Interpretive Dance as a Means to Active Learning" Dr. Pup Horst HCSC Auditor instead to Surprisingly Com- plex Results." The "What ff?" Habit: How Asking Simple Questions Can Lead to Surprisingly Com- plex Results." Dr. Abra- ham Edwards HCSC Conference 11:45- 12:00 Contributed Papers Sessions RSS 220, 22 230, 231 2:30-2:50 Break HCSC Conference 11:45- 12:00 Break HCSC Conference falk: "An Introduction ro Lean "Dr. Emily Rudman" HCSC Auditorium ro Lean "Dr Emily Rudman" HCSC Auditorium ro Lean "Dr Emily Rudman" HCSC Auditorium ro Lean "Dr Emily Rudman" HCSC Auditor ro Lean "Dr Emily	RSS = Rybolt Sports Sciences Center						
12:00-1:00 CONCUR (Curriculum) RSS 220 8:00-10:00 Book Vendors & Exhib- its HCSC Conference Committee Meetings CONSACT (Section Activities) RSS 221 8:00-9:25 Coffee and Pastries HCSC Conference 12:00-1:20 CONSTUM Student Team Competition RSS 230 8:50-9:25 Committee on Local Arrangements HCSC Comference 12:00-1:20 CONSTUM Student Team Competition CONV Faculty 9:25-9:35 Welcome and An- nouncements HCSC Auditor 1:00-4:00 Vendor & Book Exhibits HCSC Conference 9:35-10:35 Invited Talk: "Interpretive Dance as a Means to Active Learning" Dr. Pup Horst HCSC Auditor 1:15-1:30 Welcome and Announce- ments HCSC Auditorium 10:35- 10:50 Break HCSC Conference 1:30-2:30 Invited Talk: "The "What fuer pretive Dance as a Means to Active Learning" Dr. Pup Horst RSS 220, 22 230, 231 Signed Sign	Friday, April 5				Saturday, April	6	
Committee Meetings(Curriculum)itsConstant MeetingsCONSACT (Section Activities)RSS 2218:00-9:25Coffee and PastriesHCSC Confe Ground12:00-1:20 CONTEAL (Teacher Educations a Licensure)RSS 2308:50-9:25Committee on Local ArrangementsHCSC Comm Ground12:00-1:20 ConstructionCONSTUM Student Team CompetitionCONV Faculty9:25-9:35Welcome and An- nouncements1:00-4:00Vendor & Book ExhibitsHCSC Conference9:35-10:38Invited Talk: "Interpretive Dance as a Means to Active Learning" Dr. Pup HorstHCSC Auditor Inition1:15-1:30Welcome and Announce- mentsHCSC Auditorium10:35- 10:50BreakHCSC Conference1:30-2:30Invited Talk: "The "What If," Habit: How Asking Simple Questions Can Lead to Surprisingly Com- plex Results." Dr. Abra- ham EdwardsHCSC Conference11:452:30-2:50BreakHCSC Conference11:45BreakHCSC Conference2:50-3:50Invited Talk: "Data Sci- ence for and by Pure Mathematicins." Dr. Abra- ham EdwardsHCSC Auditorium 12:00-1:00Concur Sponsored Talk: "An Introduction role and by Pure Mathematicins." Dr. Cindy WyelsHCSC Auditorium 2:30, 2311:00-1:10Closing RemarksHCSC Auditorian restone and role output by Role on pure restone and role output by Role on pure restone for and by Pure Mathematicins." Dr. Cindy WyelsRSS 220, 221, 228, 230, 2311:00-1:10Closing RemarksHCSC Auditorian restone and role output by Role on the OH Sectio restone and rol	12:00-4:00	Registration	HCSC Conference	8:00-10:00	Registration	HCSC Conference	
Meetings (Section Activities) RSS 230 8:50-9:25 Committee on Local Arrangements HCSC Committee Ground 12:00-1:20 CONSTUM Student Team Competition CONV Faculty 9:25-9:35 Welcome and An- nouncements HCSC Audite Message 1:00-4:00 Vendor & Book Exhibits HCSC Conference 9:35-10:35 Invited Talk: "Interpretive Dance as a Means to Active Learning" Dr. Pup Horst HCSC Audite Message HCSC Conference 9:35-10:35 HCSC Audite 1:15-1:30 Welcome and Announce- ments HCSC Auditorium 10:35- 10:50 Break HCSC Conference 1:30-2:30 Invited Talk: "The "What If" The What If" The What If" The What If" The What If" The Wards HCSC Auditorium 10:50 Contributed Papers Sessions RSS 220, 22 230, 231 2:30-2:50 Break HCSC Conference 11:45 Break HCSC Conference 2:30-2:50 Invited Talk: "Data Science for and by Pure Mathematicans" Dr. Cindy Wyels HCSC Auditorium Dr. Cindy Wyels 12:00-1:00 Concur Sponsored Talk: "An Introduction In Lear" Dr Emily Rudman HCSC Auditorium In Locar" Dr Emily Rudman HCSC Auditorium In Locar" Dr Emily Rudman HCSC Auditorium In Locar" Dr Emily Rudman HCSC Auditor In Locar" Dr Emily Rudman </td <td>12:00-1:00</td> <td></td> <td>RSS 220</td> <td>8:00-10:00</td> <td></td> <td>HCSC Conference</td>	12:00-1:00		RSS 220	8:00-10:00		HCSC Conference	
cation & Licensure)ArrangementsGround12:00-1:20CONSTUM Student Team CompetitionCONV Faculty9:25-9:35Welcome and An- nouncementsHCSC Audito1:00-4:00Vendor & Book ExhibitsHCSC Conference9:35-10:35Invited Talk: "Interpretive Dance as a Means to Active Learning" Dr. Pup HorstHCSC Auditor1:15-1:30Welcome and Announce- mentsHCSC Auditorium10:35- 10:50BreakHCSC Conference1:30-2:30Invited Talk: "The "What If," Habit: How Asking Simple Questions Can Lead to Surprisingly Com- plex Results." Dr. Abra- ham EdwardsHCSC Conference11:45- 12:00SessionsRSS 220, 22 230, 2312:30-2:50BreakHCSC Conference11:45- 12:00BreakHCSC Conference2:50-3:50Invited Talk: "Data Sci- ence for and by Pure Mathematicians" Dr. Cindy WyelsRSS 220, 221, 228, 230, 2311:00-1:10Closing RemarksHCSC Auditor4:00-5:15Social TimeCONV TrusteesEvent locations are subject to change. Check the Off Gram you receive when you register for the meeting in HCSC Conference on end ontinbuted papers. Also check the OH Section regary ou receive when you register for the meeting in HCSC Conference on end startion and contributed paper. Also check the OH Section regary ou receive when you register for the meeting in HCSC Conference Roms. Also check the OH Section regary ou receive when you register for the meeting in HCSC Conference Roms. Also check the OH Section regary ou receive when you register for the meeting in HCSC Conference Roms. Also check the OH Section regary ou receive when you register f			RSS 221	8:00-9:25	Coffee and Pastries	HCSC Conference	
Competitionnouncements1:00-4:00Vendor & Book ExhibitsHCSC Conference9:35-10:35Invited Talk: "Interpretive Dance as a Means to Active Learning" Dr. Pup HorstHCSC Auditorium1:15-1:30Welcome and Announce- mentsHCSC Auditorium10:35- 10:50BreakHCSC Confer1:30-2:30Invited Talk: "The "What f?" Habit: How Asking Simple Questions Can Lead to Surprisingly Com- plex Results, "Dr. Abra- ham EdwardsHCSC Conference11:45- 11:45Contributed Papers SessionsRSS 220, 22 230, 2312:30-2:50BreakHCSC Conference11:45- 12:00BreakHCSC Confer Pack of Surprisingly Com- plex Results, "Dr. Abra- ham EdwardsHCSC Auditorium 12:00-1:00BreakHCSC Confer Concur Sponsored Talk: "An Introduction to Lean "Dr Emily Rudman"HCSC Auditorium Rudman4:00-5:15Contributed Paper Ses- sionsRSS 220, 221, 228, 230, 2311:00-1:10Closing RemarksHCSC Auditorium HCSC Conference Rooms. Also check the OH Section webpage, www.chiomaa.org/, for program updates, o registration and contributed paper subjects on the meeting in HCSC Conference Rooms. Also check the OH Section webpage, www.chiomaa.org/.HCSC Auditorium HCSC Conference Rooms. Also check the OH Section webpage, www.chiomaa.org/.HCSC Auditorium HCSC Conference Rooms. Also check the OH Section webpage, www.chiomaa.org/.			RSS 230	8:50-9:25	-	HCSC Common Ground	
Image: Second	12:00-1:20		CONV Faculty	9:25-9:35		HCSC Auditorium	
ments10:501:30-2:30Invited Talk: "The "What If?" Habit: How Asking Simple Questions Can Lead to Surprisingly Com- 	1:00-4:00	Vendor & Book Exhibits	HCSC Conference	9:35-10:35	"Interpretive Dance as a Means to Active Learning"	HCSC Auditorium	
If?" Habit: How Asking Simple Questions Can Lead to Surprisingly Com- plex Results." Dr. Abra- ham Edwards11:45Sessions230, 2312:30-2:50BreakHCSC Conference11:45- 12:00BreakHCSC Conference2:50-3:50Invited Talk: "Data Sci- ence for and by Pure 	1:15-1:30		HCSC Auditorium		Break	HCSC Conference	
12:002:50-3:50Invited Talk: "Data Science for and by Pure Mathematicians" Dr. Cindy WyelsHCSC Auditorium12:00-1:00Concur Sponsored Talk: "An Introduction to Lean" Dr Emily RudmanHCSC Auditorium4:00-5:15Contributed Paper SessionsRSS 220, 221, 228, 230, 2311:00-1:10Closing RemarksHCSC Auditorium5:15-5:30Social TimeCONV TrusteesEvent locations are subject to change. Check the offici gram you receive when you register for the meeting in HCSC Conference Rooms. Also check the OH Section webpage, www.ohio.maa.org/, for program updates, or registration. and contributed paper submissions.	1:30-2:30	If?" Habit: How Asking Simple Questions Can Lead to Surprisingly Com- plex Results." Dr. Abra-	HCSC Auditorium			RSS 220, 221, 228, 230, 231	
ence for and by Pure Mathematicians" Dr. Cindy WyelsTalk: "An Introduction to Lean" Dr Emily Rudman4:00-5:15Contributed Paper Ses- sionsRSS 220, 221, 228, 230, 2311:00-1:10Closing RemarksHCSC Auditor5:15-5:30Social TimeCONV TrusteesEvent locations are subject to change. Check the offic gram you receive when you register for the meeting in HCSC Conference Rooms. Also check the OH Section webpage, www.ohio.maa.org/, for program updates, or registration, and contributed paper submissions.	2:30-2:50	Break	HCSC Conference		Break	HCSC Conference	
sions 230, 231 5:15-5:30 Social Time 5:30-6:30 Student Pizza Party CONV Heritage Event locations are subject to change. Check the office gram you receive when you register for the meeting in HCSC Conference Rooms. Also check the OH Section webpage, www.ohio.maa.org/, for program updates, or registration, and contributed paper submissions.	2:50-3:50	ence for and by Pure Mathematicians"	HCSC Auditorium	12:00-1:00	<i>Talk: "An Introduction to Lean"</i> Dr Emily	HCSC Auditorium	
5:30-6:30 Student Pizza Party CONV Heritage gram you receive when you register for the meeting in HCSC Conference Rooms. Also check the OH Section webpage, <u>www.ohio.maa.org/</u> , for program updates, on registration, and contributed paper submissions.	4:00-5:15			1:00-1:10	Closing Remarks	HCSC Auditorium	
webpage, <u>www.ohio.maa.org/</u> , for program updates, o	5:15-5:30	Social Time	CONV Trustees	Event locations are subject to change. Check the official pro- gram you receive when you register for the meeting in the			
5:30-6:30 Banquet CONV Trustees registration, and contributed paper submissions.	5:30-6:30	Student Pizza Party	CONV Heritage	HCSC Conference Rooms. Also check the OH Section webpage, www.ohio.maa.org/ , for program updates, online			
	5:30-6:30	Banquet	CONV Trustees				
6:30-7:30 Invited Talk: "Can we make grace the norm in our classrooms?" Dr. Candice Price CONV Trustees	6:30-7:30	make grace the norm in our classrooms?" Dr.	CONV Trustees				
7:30 - 8:00 Business Meeting CONV Trustee	7:30 - 8:00	Business Meeting	CONV Trustee				

2023-2024 Ohio Section Officers and Committees

	1 · · · · · ·	
ELECTED OFFICERS	Archivist Daniel Otero, Xavier Univ. otero@xavier.edu	Future Ohio Section Meetings
President Chandra Dinavahi—Univ. of Findley dinava- hi@findlay.edu (2024)	(2025) COMMITTEES	Fall 2024: Wilmington College. Elizabeth Haynes-Wiget
Past-President	Denotes committee chair. Elected Officers and Committee Chairs are voting members of	Spring 2025 OH-IN-KY Tri Section Meeting - TBD
David Stuckey, Defiance College. dstuck- ey@defiance.edu (2023)	the Executive Committee. Terms expire at the end of the Spring meetings of the year	MathFest Meetijgs
President-Elect Tom Wakefield—Youngstown State Univ	listed. See the Bylaws. Program Committee	MathFest 2024: Indianapolis, IN , August 7-10, 2024
tpwakefield@ysu.edu (2024) Section Representative	*Alicia Prieto-Langarica –YSU (2024) Anup Lamichhane—ONU (2025	MathFest 2025 : Sacramento CA, August 6-9 2025
Phil Blau, Shawnee State Univ. pblau@shawnee.edu (2024)	CONTEAL *Katie Cerrone Arnold, Univ of Akron (2024)	MathFest 2026: Boston MA, Aug 4-7 2026
Secretary Kyle Calderhead, Malone Univ. kcalderhead@malone.edu (2024)	Aaron Blodgett, Univ of Findlay (2023) Najat Baji, Sinclair Comm. C. (2024) Laurie Dunlap, Kent State (2023) Bradford Findell, Ohio State Univ. (2024)	MathFest 2027: New Orleans LA August 4-7 2027
Secretary-Elect Vacant	Janes Fitzsimmons, Wilmington College. (2022)	
Treasurer Giorgi Shonia—OU Lancaster shonia@ohio.edu (2025)	CONSTUM *Matthew McMullen, Otterbein Univ. (2020) Jaki Chowdhury, Ohio Northern Univ. (2024)	
Treasurer-Elect Vacant	Matt Davis, Muskingum Univ. (2022) Alyssa Hoofnagle, Wittenberg Univ. (2023) M B Rao, University of Cincinnati (2025)	
OTHER OFFICERS	Chris Swanson, Ashland University (2025)	
Department Liaisons Coordinator Chris O'Connor, Shawnee State Univ. cocon- nor@shawnee.edu (2024)	CONSACT *Jim Anderson, Univ. of Toledo (2024) Ruma Dutta, Ohio State Univ. (2024) Aurel Stan, Ohio State Univ. (2025)	
Webmasters Tom Cuchta—Marshall Univ. cuchta@marshall.edu (2025)	Zhijun Yin, Univ. of Akron (2023) Phil Blau—Shawnee State Univ. (2023) Zijian Diao—Ohio Univ (2023)	
On-line Registration Zhijun Yin yinzhijun@hotmail.com (2023)	CONCUR *Anup Lamichhane, Ohio Northern Univ. (2024) Kevser Erdem, UC (2026) Daniel Otana, Vaviar Univ. (2022)	
Newsletter Editor Brian Shelburne, Wittenberg Univ. bshelburne@wittenberg.edu (2025)	Daniel Otero, Xavier Univ.(2023) Jim Anderson, Univ. Toledo (2026) Jim Fowler—Ohio State Univ. (2023) Giorgi Shonia, Ohio Univ. Lancaster (2024)	
Ohio NExT Organizing Committee Liz Haynes-Wiget, Wilmington College elizabeth haynes-wiget@wilmington.edu	OTHER COMMITTEES	
(2025)	Nominating Committee *Zhijun Yin (2023) Kathryn Cerrone (2024)	
OhioMATYC Liaison to OhioMAA Jim Anderson, Univ. of Toledo. jim.anderson@utoledo.edu(2024)	Chandra Dinavahi (President) Kyle Calderhead, Malone Univ.(Secretary, nonvoting)	
OCTM Liaison Liz Haynes-Wiget, Wilmington College. eliz- abeth_haynes-wiget@wilmington.edu (2024)	Teaching Award Committee *Tom Wakefield (2024) President-Elect Gordon Swain, Ashland Univ. (2022) M B Rao Univ. of Cincinnati. (2023)	
OH Rep on Committee on Bylaws —Chris Swanson–Ashland University cswanson@ashland.edu (2024)	Kyle Calderhead, Malone Univ.(Secretary, nonvoting)	
1	•	•