

MAA MISSOURI SECTION NEWSLETTER

Spring 2021 • VOLUME 40 • NUMBER 3

From the Chair (David Garth)

Past Chair's Report

The 2021 Meeting, which was to be originally hosted by Truman State University, was held virtually this year on March 25-27. I'd like to thank everyone who attended and/or presented, and all who volunteered to help make the meeting a success. In particular, I'd like to thank Hawkes Learning Systems for assisting with the planning and hosting of the meeting. We had over 50 people registered, and even more people watching the talks, as faculty and students gathered in groups to watch the talks in classrooms at various universities. Talithia Williams and Jennifer Quinn were our keynote speakers, and there were 16 contributed talks. The Missouri Collegiate Mathematics Competition also took place virtually, with the top three finishing teams being Truman State's team B, Central Missouri's Team A, and Central Missouri's Team B, respectively. The conference concluded with the annual business meeting. While we were not able to have the personal interaction of an in-person conference this year, we are grateful that we were able to continue our tradition of meeting and sharing our work, even in this limited format.

From the Section Representative (Jeff Poet)

Congratulations to David McCune on his election as Section Representative!

From the Secretary/Treasurer (Phoebe McLaughlin)

Business Meeting Minutes

Missouri Section of the MAA
Annual Business Meeting
5:35 p.m., March 26, 2021

1. Approval of minutes from spring 2019 business meeting.

Motion was moved and seconded. All eyes to carry motion.

2. Report on 5k Run/Walk – Canceled this year

3. Chair Report - David Garth

MathFest will be virtual meeting, August 4-7, 2021

45 faculty, 2 graduate students, 5 undergraduate students attended the conference.

3 people from Hawkes were there as moderators. A room at the Truman State University was set up where undergraduates could come and view talks. Several students attending the talks unofficially.

4. MAA Missouri Section Representative – Jennifer Quinn, substituting for Jeff Poet

- MAA's Vision
- Follow Section news on MAA Connect
- New Member Opportunities and Services
- MAA AMC
- New Member Benefits
- MAA Awards
- MAA MATHFEST – August 4-7, 2021
- New MAA Membership Categories
- MAA Press & Publications – Members get 25% discount
- MAA Focus
- Department Memberships
- Math Values, MAA Blog
- Follow MAA on social media
- Speakers for section meetings
- New MAA/AWM/NAM Section Lecture Series Begins in 2022
- Join a SIGMAA
- Tondeur BIG Career Activities at MAA Section Meetings
- Join the Discussion - Conversations for the Math Community webinar series
- Support MAA
- Virtual Programming

5. Nominating Committee Report

- Chair – Lori McCune
- Program Chair Elect – Matthew Wright
- Floor nominations

6. Program Chair Elect Report – Liana Segal

Next section meeting will be at University of Missouri – Kansas City on April 7-9, 2022

7. Collegiate Math Contest winners – David Garth (for Chip Curtis)

Top 3 winners:

3rd place – UCM Team B

2nd place – UCM TEAM A

1ST place – Truman State

8. Treasurer Report – Phoebe McLaughlin

2020 Financial Report has been published in the section's 2021 Spring Newsletter

9. Web Administrator Report (Scott Thatcher)

The MAA is now offering space to host the website.

10. Missouri Section NexT Report – David Garth (for Sam Chamberlain)

Section NexT met virtually in October

The held a session on teaching in a pandemic

There were 3 new fellows

11. Newsletter – Dan Daly

None

12. New Business

It was moved and seconded to send thank you letters to Truman State University officials for hosting the conference.

13. Adjournment

Section NExT (Samuel Chamberlin)

This spring we had our usual MO NExT meeting via Zoom. Our speakers and their titles and abstracts follow. We also had three new fellows:

Dorsa Ghoreishi at SLU

Paige Crain at UCM

Rebecca Miller at SLU

Finding Your Place in the World of Mathematics

Theresa Laurent, Ph.D.

Professor of Mathematics & Chair of Basic Sciences

University of Health Sciences & Pharmacy, St. Louis, MO

Abstract:

Aspiring to make significant contributions in mathematics research and teaching can be a daunting task. Whether we are motivated by the impacts made by our research mentors or inspired by our favorite teachers, we are often tempted to emulate them. Instead, however, I will challenge us to identify how we are different. What are our unique strengths, passions, and experiences that will help us make the mathematics world a better place? Together we will explore the impacts made by some lesser known mathematicians and educators to inspire us on our journey to find a unique place for each of us in the world of mathematics.

An Active Approach to Active Learning

Jennifer Quinn, Ph.D.

Professor of Mathematics

University of Washington Tacoma

President-elect, Mathematical Association of America

Abstract:

In its opening manifesto, the *MAA Instructional Practice Guide* states that “effective teaching and deep learning require student engagement with content both inside and outside the classroom” and calls for a “community-wide transformation toward improved learning experiences and equitable access to mathematics for all students.” In this workshop you will actively experience some (remotely reinterpreted) teaching tools while building a supportive and trusting community of practice.

FUTURE MEETING SITES

The Spring Meeting is held at various locations around the state. The meeting sites for the next several years are listed below for your convenience. If your campus would be willing to host a Spring Meeting, please contact David Garth, Chair (dgarth@truman.edu), or any other member of the Executive Committee.

2022 University of Missouri – Kansas City

2023 Missouri State University

The MAA Missouri Section Newsletter is usually published in November, March and May each year. Please send any news, comments, questions or corrections to me at ddaly@semo.edu.

Dan Daly

Newsletter Editor