

# MAA MISSOURI SECTION NEWSLETTER

## Winter 2020 • VOLUME 39 • NUMBER 2

### From the Chair (Rhonda McKee)

#### 2020 MAA Missouri Section Meeting

The School of Computer Science and Mathematics at the University of Central Missouri will host the Spring Section Meeting on Friday, April 3 and Saturday, April 4, 2020. The Missouri Collegiate Mathematics Competition will take place Thursday evening, April 2, and Friday morning, April 3. Information about meeting registration, hotel reservations, and abstract submission is available on the meeting website (<http://www.ucmo.edu/momaa>). Early registration ends March 6, after which the cost increases!

I particularly want to point out a couple of new events at this year's meeting.

- There will be a themed session of contributed talks on Friday afternoon, with this year's theme being "Matrices in Mathematics." Dr. Quinn's opening address will kick off this sequence of talks. Both faculty and students are invited to submit abstracts for this session. Talks may be research-oriented or expository in nature and should be accessible to students. The Executive Committee hopes that this session will be attractive to students who participated in the MCMC. If you want to give a talk in this session, please check the appropriate box on the abstract submission form.
- A grad/career fair will be held on Friday afternoon before the plenary session. With so many talented students gathered for the Competition, this is a great opportunity for graduate programs to provide information to students about their programs and for students to learn about graduate programs. If you would like to reserve a space to display brochures and/or talk with students, please email Rhonda McKee ([mckee@ucmo.edu](mailto:mckee@ucmo.edu)) for a link to the reservation form.

#### Invited Speakers

Plenary Session, Friday, April 3

Jennifer Quinn, MAA President-elect

"Digraphs and Determinants"

Banquet, Friday, April 3

Theresa Laurent, St. Louis College of Pharmacy

"Finding Your Place in the World of Mathematics"

Plenary Session, Saturday, April 4  
Jennifer Quinn, MAA President-elect  
“Proofs that Really Count”

### Call for Papers

We invite both faculty and students to give talks at the Spring Meeting. An abstract submission form may be found at the meeting web site (<http://www.ucmo.edu/momaa> ). Talks should be 15 minutes long and should focus on mathematics or mathematics education. Examples of topics include, but are not limited to, current mathematics research, development of new courses, and successful teaching techniques. Talks can be either research-oriented or expository in nature.

Many undergraduate and graduate students attend this meeting, and you are welcome to design your talk for these students. Also, if you are advising a student who is doing research, please encourage the student to give a talk and assist the student in preparing it.

## From the Secretary/Treasurer (Phoebe McLaughlin)

Here is the section’s financial report which will presented at the spring section meeting.

**MATHEMATICAL ASSOCIATION OF AMERICA**  
**Section Financial Report - Year Ended 12/31/2019**  
Please return to Mia Piansay, MAA, 1529 18th St. NW, Washington, DC 20036  
Fax: 202-319-8478 Email: [mpiansay@maa.org](mailto:mpiansay@maa.org)

**SECTION:** Missouri Section

(A) BEGINNING BANK BALANCE(S), 12/31/2018	\$	\$6,039.78
		(see note below)

### (B)

#### REVENUES

B.1 MAA Subvention	\$741.01
B.2 Project NExT	
B.3 Meeting - Registrations	
B.4 Meeting Income	\$4,664.00
B.5 Workshop Registrations	
B.6 Meeting Exhibitors	
B.7 Contributors	
B.8 Interest on Checking	\$3.37
B.9 Interest Savings/CD	
B.10 Book Sales	
B.11 Dues	
B.12 Advertisements	
B.13 Institute Memberships	

B.14	Patterson Prize	_____		
B.15	_____	_____		
			<b>(B) TOTAL REVENUES</b>	<b>\$ 5,408.38</b>
				_____
<b>(C) EXPENSES</b>				
C.1	Secretarial	_____		
C.2	Honoraria	_____		
C.3	Postage	_____		
C.4	Telephone	_____		
C.5	Printing	_____		
C.6	Newsletters	_____		
C.7	Travel	\$595.74		
C.8	Meeting Expenses	\$4,056.31		
C.9	Speakers Travel/Lodging	_____		
C.10	Students Lecture Program	_____		
C.11	Book Sale	_____		
C.12	Project NExT	_____		
C.13	Awards	_____		
C.14	Miscellaneous Office	_____		
C.15	Awards	\$100.00		
C.16	Patterson Prizes	_____		
			<b>(C) TOTAL EXPENSES</b>	<b>\$ 4,752.05</b>
				_____
			<b>(D) ENDING BANK BALANCE, 12/31/2019</b>	<b>\$ 6,696.11</b>
				_____
		<b>(A + B - C = D)</b>		
Phoebe McLaughlin	MO MAA Treasurer	1/1/2020		
<b>Signature</b>	<b>Title</b>	<b>Date</b>		

note: this should include all bank balances including any CD's, savings accounts, etc.  
Please indicate to Mia Piansay at headquarters if any part of the above balance includes amounts being held due to a restriction placed on the funds by a **donor**. This does not include any amounts that have been earmarked or otherwise designated by the section governance unless they are also restricted by a donor.

## From the Liaison Coordinator (Lori McCune)

Please make sure that the liaison information for your institution is up to date by checking the name listed <http://sections.maa.org/missouri/institutions.html>. If a change should be made, please email Liaison Coordinator Lori McCune at [lmccune@missouriwestern.edu](mailto:lmccune@missouriwestern.edu) and Web Page Coordinator Scott Thatcher at [thatcher@truman.edu](mailto:thatcher@truman.edu).

## Missouri Collegiate Mathematics Competition (Chip Curtis)

The twenty-fifth Missouri Collegiate Mathematics Competition will be held 7:30pm - 10:00pm, Thursday, April 2, 2020, and 8:30am - 11:00am, Friday, April 3, 2020 on the campus of the University of Central Missouri.

Any college or university in the state of Missouri can send up to two official teams of 1-3 undergraduates each to compete in the competition. Unofficial teams will be allowed, depending on the amount of available space, but will not be eligible for awards. They will also be charged the normal registration fee. A one-person team will be allowed if this person is his or her college's only representative in the competition. A completed registration form for each team must be received by March 30, 2020. Late registration will be accepted only if there is room available. No calculators or computers or reference material can be used during the competition. The contest consists of challenging mathematical problems, comparable to but not quite as difficult as the Putnam Exam. The official website of the contest is:

<http://sections.maa.org/missouri/contest.html>.

Additional information, registration forms and past contests can be found at that site.

## 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 Rhonda McKee, Chair ([mckee@ucmo.edu](mailto:mckee@ucmo.edu)), or any other member of the Executive Committee.

2020	University of Central Missouri
2021	Truman State University
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](mailto:ddaly@semo.edu).*

*Dan Daly  
Newsletter Editor*

**MISSOURI SECTION OF  
THE MATHEMATICAL ASSOCIATION OF AMERICA**

**ABSTRACT FOR CONTRIBUTED PAPERS**

Author(s):

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Presenting Author:

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Presenter is: faculty member \_\_\_\_\_ ; graduate student \_\_\_\_\_ ; undergraduate student \_\_\_\_\_

Institution:

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Address:

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Phone: (\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

Paper Title:

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Abstract:

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Is the presentation accessible to students? \_\_\_\_\_

Is the presentation intended for the Friday “Matrices and Mathematics” themed session?

\_\_\_\_\_

All presentation rooms are equipped with computers, projectors and white boards.

You may email a scanned copy of the completed form to [mckee@ucmo.edu](mailto:mckee@ucmo.edu) (please use “MAA Abstract” in the subject line) or send by land mail to:

Rhonda McKee  
School of CS and Mathematics  
University of Central Missouri  
PO Box 800  
Warrensburg, MO 64093

**The deadline for submission is March 13, 2020.**