

Special Events

Fall 2022 MAA Seaway Section Meeting

MAA Convergence Workshop : Mining the Resources of MAA Convergence: Where Mathematics, History, and Teaching Meet

Janet Heine Barnett, Colorado State University Pueblo & MAA Convergence

Friday, October 28, from 3:00 - 5:00
Roger Bacon Hall 412

The value of using the history of mathematics in its teaching as a support for student learning has been increasingly recognized by instructors and educational researchers alike. History of mathematics is not only for the history of mathematics classroom any longer! Since 2004, MAA's peer-reviewed, online, open-access journal *Convergence* has offered its readers high-quality scholarship and classroom resources to help them leverage that value in teaching a wide range of grades 8–16 mathematics courses. Whether you're looking for new ideas for bringing history into your classroom, a venue for sharing your own ideas, or just wanting to know more about the benefits that history has to offer for student mathematical learning, this interactive workshop will help you to mine *Convergence's* riches. Workshop activities will include a scavenger hunt (with prizes!) that will wind its way through *Convergence's* pages to uncover its hidden (and not-so-hidden) gems. Note : Please bring your laptops with you if you are able to. It is not necessary that everybody have one, but the more that we have, the better!

Math Game Night

Organized by Ryan Gantner (St. John Fisher College)

Friday, after the banquet, 9:00 - 10:00
Century House

Ryan Gantner (St. John Fisher College) and the Student Program Committee will host an exciting night of games, including a round of trivia and a Password tournament. All are welcome, with undergraduate students especially encouraged to participate. There will be camaraderie, mathematics, and prizes -- stick around after the banquet!

Leadership in Mathematical Sciences : Department management during and post-pandemic.

Mihail Barbosu, RIT

Saturday, October 29, from 12:15 - 1:15
Siena Hall 123

Every semester Mihail Barbosu leads a workshop on effective leadership in the mathematical community. The latest workshop focuses on managing a department during and post-pandemic. Recent

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chairpersons, former chairpersons, and especially anyone who has considered the path to becoming a department chair are all welcome to participate!

Careers in Mathematics Panel Discussion

Facilitated by Ahmad Almomani (SUNY Geneseo)

Saturday, October 29, from 12:15 - 1:15
Roger Bacon Hall 202 (Key Auditorium)

A session for students interested in hearing about various careers available to math majors. Come with questions for our panelists about what it takes to be career ready in these industries! The panelists will be:

- Spencer Tibbitss, *The Athletic*
- Francesca Romano *Acuitas Health*
- Karlee Strong *Glens Falls Hospital*
- Sal Baisley *Cardinal Financial Company*

Special Session : History of Mathematics and its Use in Teaching

Co-organized by Toke Knudsen (SUNY Oneonta) and Elizabeth Wilcox (SUNY Oswego)

Saturday, October 29 from 12:15 - 3:15
Siena Hall 224

Convergence is the MAA's free online journal about the history of mathematics, and ways to use historical documents, scenes, and ideas in teaching. To celebrate the participation of Janet Heine Barnett, editor of Convergence, in the Seaway Section's fall meeting, Toke Knudsen (SUNY Oneonta) and Elizabeth Wilcox (SUNY Oswego) are organizing a special session dedicated to presentations on the history of mathematics and its use in teaching. The speakers for this session are:

- Gary Towsley (SUNY Geneseo)
- Jeff Johannes (SUNY Geneseo)
- Mark McKinzie (St. John Fisher University)
- Naveen Somasunderam (SUNY, Plattsburgh)
- Olympia Nicodemi (SUNY Geneseo)
- Emelie Kenney (Siena College)

Listening Session with your Section Chair and Program Chair

Co-organizes by Brad Emmons (Utica University) and Leah Bridgers (SUNY Oneonta)

Saturday, October 29, from 1:30 - 2:20

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Siena Hall 308

Sit down with the Chair and Program Chair of the Seaway Section to discuss initiatives for the future. Do you have suggestions for future meetings? Any requests for workshops, mini-courses, or other fun events? Suggestions or thoughts about charity fundraisers? Do you want to get involved with the section? Maybe you just want to talk about mathematics? Our section chair, Leah Bridgers (SUNY Oneonta) and Program Chair, Brad Emmons (Utica University) are ready to listen!

Discussion about the needs of the post-Covid student

Organized by Alex Rennet, (University of Toronto, Mississauga)

Saturday, October 29, from 1:45 - 2:45

Siena Hall 119

While Covid as a disease isn't over, its impact on the educational system has shifted to a new phase. As students who had weeks or years of remote instruction -- or no instruction -- in mathematics matriculate into colleges and universities, we need to adapt to changes. But how? What are our current students better at than our previous students? What deficiencies do they have? How has the pandemic changed our efforts toward active learning, inclusive education, and instructional technology? This isn't a lecture but rather a discussion; all will be invited to contribute to the discourse.

UNYIBL/Seaway NExT Workshop : Beginning IBL with today's students

Organized by Alex Rennet, (University of Toronto, Mississauga)

Saturday, October 29, from 4:30 - 6:00

Roger Bacon Hall 412

Students who are entering college have had an interrupted high school learning experience. What does this mean about their eagerness to participate in an inquiry-based learning (IBL) classroom? What about considerations such as social anxiety of students, content coverage, and disparities in prerequisites? In this workshop, we'll address some of these as we look at what it takes to get started in IBL with today's students. Note : Afterward, we invite anyone who is interested to meet at a particular local restaurant for dinner.