

# Contributed Talk Schedule

## Fall 2019 MAA Seaway Section Meeting

### Williams Hall, Room 309

- 11:15-12:10 IBL Workshop: **Jane Cushman** (Buffalo State College) and **Keiko Dow** (D'Youville College), *Incorporating Active Learning Strategies into Your Classroom*
- 1:30-2:25 **Mihail Barbosu** (Rochester Institute of Technology), *Workshop on Leadership in the Mathematical Sciences: Department Chairpersons as Leaders and Administrators*
- 2:30-3:25 **Cheryl Chute Miller** (SUNY Potsdam), *Listening Session with your Section Chair*

### Williams Hall, Room 202

- 11:15-11:40 **Matt Coppenbarger** (Rochester Institute of Technology), *Iterations of the Sisyphus Function*
- 11:45-12:10 **Cesar Aguilar** (SUNY Geneseo), *Eigenvalues of Threshold Graphs*
- 1:30-1:55 **Anurag Agarwal** (Rochester Institute of Technology), *Solutions for some quadratic Diophantine equations*
- 2:00-2:25 **Segar Ngomi** (SUNY Geneseo), *On a Time-Dependent Inverse Course Problem with an Integral Constraint*
- 2:30-2:55 **Abd AlRahman Almomani** (Clarkson University), *Direct Partitioning: Theory, Applications and Challenges*
- 3:00-3:25 **Ahmad Almomani** (SUNY Geneseo), *Locally Anchored Swarm Optimization*

### Williams Hall, Room 211

- 11:15-11:40 **Paul Seeburger** (Monroe Community College), *Using the LibreTexts Platform to Customize OER Textbooks for Calculus II and III*
- 11:45-12:10 **Doug Baldwin** (SUNY Geneseo), *Making an OER Calculus Text Our Own*
- 1:30-1:55 **Alex Rennet** (University of Toronto - Mississauga), *A Report on Multiple Large-Class Active Learning Redesigns*
- 2:00-2:25 **Nicole Juersivich** (Nazareth College), *Data Integration in Undergraduate Mathematics Education*
- 2:30-2:55 **John Maceli** (Ithaca College), *Mathematical Card Tricks*
- 3:00-3:25 **Gabriel Prajiture** (SUNY Brockport), *Orthogonality without Inner Products*

**Williams Hall, Room 302**

11:15-11:40 **Sam Northshield** (SUNY Potsdam), *Tropical Cycles*

11:45-12:10 **James Marengo** (Rochester Institute of Technology), *An upper bound for a sum of cyclic probabilities*

## **Special Session on Research in Undergraduate Mathematics Education (RUME)**

This special session, organized by Sarah Hansuch (SUNY Oswego) and Aaron Weinberg (Ithaca College), is co-sponsored by the MAA SIGMAA-RUME. Presentations include rigorous and scientific studies about students' mathematical cognition and reasoning, studies of teaching practice in inquiry-oriented mathematics classrooms, and design of research-based curricular materials. Presentations build on the existing literature in mathematics education and use established or innovative methodologies as they pertain to the study of undergraduate mathematics education.

**Williams Hall, Room 302**

1:30-1:55 **Jessica Tornai** (Ithaca College), *Attentive Fidelity: What do Students Pay Attention to in Calculus (Video) Lectures?*

2:00-2:25 **Ellie Fitts Fulmer** (Ithaca College), *Designing Intellectual need-Provoking Tasks for Introductory Calculus*

2:30-2:55 **Aaron Weinburg** (Ithaca College), *How do College Students Read Calculus Textbooks? Using a New Theory to Understand Agency in Didactical Disciplinary Literacy*

3:00-3:25 **Sarah Hanusch** (SUNY Oswego), *Feedback on Proofs: An analysis of faculty practices*