

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 **Sedar Ngoma** (SUNY Geneseo), *On a Time-Dependent Inverse Source 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

11:45-12:10 **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

2:00-2:25 **Aaron Weinberg** (Ithaca College), *Designing Intellectual need-Provoking Tasks for Introductory Calculus*

2:30-2:55 **Ellie Fitts Fulmer** (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*