

Program Of Sessions 2017 Meeting of the Missouri Section of MAA

Thursday, March 30

7:30-10:00pm **BSC Ballroom** Missouri Collegiate Mathematics Competition (first phase)

7:30-9:30pm **BSC 341** Missouri Section NExT Reception [Note: BSC = Billingsly Student Center]

Friday, March 31

8:30-11:00am **BSC Ballroom** Missouri Collegiate Mathematics Competition (second phase)

8:30-11:00am **BSC 341** Missouri Section NExT Sessions

11:15am **BSC Ballroom** Lunch and pictures for the Competition students/advisors

MAA Missouri Section Meeting

12:00-1:00pm **BSC Ballroom** Registration

1:00-2:00pm **BSC Ballroom**

- Welcoming remarks: Dr. Richard Miller, Dean of the College of Arts and Sciences
- Plenary speaker: Dr. Linda Hand, Missouri Southern State University, *Oh the Places I've Been and the Math I Saw There!*

2:30-4:00pm **BSC Ballroom** Registration

2:30-4:30pm **Plaster Hall** Contributed paper sessions.

Friday				
	Plaster 207	Plaster 208	Plaster 212	Plaster 215
2:30	Lori McCune <i>Choosing Another Voting Method</i>	Wayne Johnson <i>Stirling Numbers and the Dimension of a Highest-Weight Representation</i>	Charlie Smith <i>Beautiful Integer Patterns: Version 3.0</i>	
3:00	Eric Briscoe <i>Using Computer Simulation to Investigate Differences in Voting Methods</i>	David Lindow & Samuel Chamberlin <i>Strightening Identities in Twisted Multiloop Lie Algebras</i>	Mark Rogers & Cameron Wickham <i>Polynomials Inducing the Zero Function</i>	Andrew Crutcher <i>Playfair Cipher</i>
3:30		Hang Chen & Curtis Cooper <i>Sudoku: Alternating Cycles - Part i</i>	Rebecca Miller <i>Sage: An Introduction</i>	Kevin Anderson <i>Proving That e is Irrational</i>
4:00	Phoebe McLaughlin & Jean Tao <i>An Optimal Pension Funding under Stochastic Investment Returns</i>	Curtis Cooper & Hang Chen <i>Sudoku: Alternating Cycles - Part ii</i>	Zdenka Buadarrama <i>Use Your Art to Experience the Math!</i>	

6:00pm **BSC Ballroom** Banquet

- Plenary speaker: Dr. Betty Mayfield, Hood College, *Women and Mathematics in the Time of Euler*

After Banquet **BSC 341** Executive Committee meeting.

Saturday, April 1

7:00-8:15am near Health Sciences Building 5K run/walk (very informal – no official times taken)

7:15-8:15am BSC 341 Chairs and Liaisons breakfast

8:00-10:30am Plaster Hall lobby Registration

8:30-10:30am Plaster Hall Contributed paper sessions.

Saturday				
	Plaster 207	Plaster 208	Plaster 212	Plaster 215
8:30	Daniel Daly & Laurie Wern Overmann <i>Is Combining College Algebra and Intermediate Algebra Possible?</i>	Jonathan Rehmert & Brandt Kronholm <i>Integer Partition Theory</i>		
9:00	Aladar Horvath <i>The Development of Function Composition Across the Curriculum</i>	Nicholas Baeth <i>Spectacularly Non-unique Factorizations</i>		
9:30	Gavin Waters <i>Improvements via Placement Exam at MWSU</i>	Rebecca Miller <i>TFAE</i>		
10:00	Ahmad Talafha & Emmanuel Thompson <i>European Option Valuation: An Econometric Approach</i>	Pam Ryan <i>The Intercollegiate Biomathematics Alliance and how it can benefit your students</i>		

10:45-11:45am Plaster Hall, Cornell Auditorium

- Plenary speaker: Dr. Lance Miller, University of Arkansas, Fayetteville, *Multiplicities in Positive Characteristic*

11:45am-12:05pm BSC 309 Missouri Section Business Meeting