

**The 2021 Annual Meeting of the Illinois Section of the MAA
Friday, March 12**

12:30-1:00pm	Welcome & Faculty Awards	Ellen Ziliak, Chair of ISMAA		
1:00-1:50pm	Opening Plenary	Encouraging and Supporting Undergraduate Research Angela Antonou		
	Parallel Session A	Parallel Session B	Parallel Session C	
2:00 - 2:25pm	A Proof of Morley's Theorem Using Complex Analytic Geometry Peter Andrews	Applying Superposition Principle in Solving System of Linear Differential Equations Kiah Wah Ong		
2:30 - 2:55pm	On sets whose subsets have integer mean Enrique Treviño	Structure-Preservation: What Are We Talking About? Rachel Rupnow	2:25 - 2:40pm	Generalization Theory of Linear Algebra III Christina Pospisil*
			2:45 - 3:00pm	Counting the Generalized and Extended Symmetric Spaces of $SO(3, F_q)$ Ethan Thieme*, Raman Aliakseyeu*, & Natalie Oliven*
3:05-3:30pm	Step-By-Step Software-Guided Calculus & Statistics Problem Solving Sydney Smith	Integrating Problem Solving, Coding, Mathematics, and Pedagogy John Erickson	3:05 - 3:20pm	A Markov Chain Model For Predicting College Baseball Megan Vesta*
3:35-4:00pm			3:25 - 3:40pm	Using Mathematical Models to Predict the Impact of the Coronavirus in the Chicagoland Area Joseph Drozek*
			3:45 - 4:00pm	Generalizing Parking Functions with Randomness Melanie Tian*
4:10 - 5:15pm	Social Hour	Gather room		
4:10 - 5:00pm	Student Escape Room	Zoom		

* = undergraduate or other student

All times listed are in Central Standard Time.

(+) = graduate student

**The 2021 Annual Meeting of the Illinois Section of the MAA
Saturday, March 13**

8:15-8:45am	Business Meeting	Zoom		
9:00 - 9:50am	Plenary Talk	Something for Everyone J. Alan Alewine		
	Parallel Session A	Parallel Session B	Parallel Session C	
10:00 - 10:25am	Using quaternions to prove theorems in spherical geometry Marshall Whittlesey	Peer-Led Team Learning in College Algebra Jeanette Mokry & Sara Quinn	10:00-10:15am	Graph Theoretical Design Strategies for Modeling Self Assembling DNA Complexes Miles Mena*
			10:20-10:35am	An Algorithm for Constructing Arbitrarily Large Chains of TriOminos William Mastin*
10:30 - 10:55am	One Example of Social Justice In a Statistics Class: Bill Jenkins and the Tuskegee Experiment Aaron Zerhusen	Writing in a Mathematics Course Emily Olson	10:40 - 10:55am	Microplant Project Data Analysis Libby Heublein*, Arturo Corona*, Mario Viramontes*, and Jake Hutchinson*
11:00 - 12:00pm	Closing, Undergrad Awards, and Plenary Talk	What does Minesweeper have to do with mathematical proofs? Edward Kim		

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Come to the 2022 ISMAA Annual Meeting at Millikin University in Decatur on March 25-26, 2022!