The 2024 Annual Meeting of the Illinois Section of the MAA
Friday, March 15

Time	Event	Location	Details
9:30 - 4:30	**Registration**	Michel Student Center 2nd Floor	
10:30 - 12:00	**Preconference Workshop**	Michel Student Center Room 203	Addressing Anti-Black Racism in Our Departments **Edray Goins**
12:45	**Welcome**	Michel Student Center 2nd Floor Ballroom	Keven Hansen, Chair of ISMAA
1:00-1:50pm	**Opening Plenary**	Michel Student Center 2nd Floor Ballroom	Do You Know Where Your Data Comes From? **Meghan Goldfarb**

Time	BECC 2132	BECC 2138	BECC 2140	BECC 2160	BECC 2174
2:00 - 2:20pm	A non-centered asymmetric Cantor-like Set **Wilfredo Urbina-Romero** and Lauren Wszolek	Caminatas Comunitarias for Teaching Math in Colombian Secondary Rural Schools **Ricela Feliciano-Semidei**	ISMAA, IMACC, The Articulation Guide, and IAI: Guiding Curriculum in Illinois **Keven Hansen**	Mathematically Modeling the Interactions of Community- and Hospital-Acquired C. difficile Infections **Edmonde Olongo***	
2:30 - 2:50pm	Euclid's 5th Postulate **Jasmine Gillis(+)**		Behaviorally Correct Language Identification **Sunil Karn(+)**	Modeling Disease Transmission and Control in Long-Term Care Facilities **Lizbeth Leon*** and Harold Arriaga*	
3:00-3:20pm	Derivation of E=mc^2 starting from Maxwell's Equations **Jont Allen**	Definitions: Why Do We Care about Them and What Do We Teach Our Students? **Rachel Rupnow**		A Meshfree Deep Learning Approach for Numerical Solution of Differential Equations **Christopher Denq*** and Liang Kong	
3:30-3:50pm		Whiteboards Big and Small in Thinking Classrooms **Elizabeth DeWitt**		Counting Subgroups of Finite Abelian Groups **Jessica Cotturone***	

Time	Event	Location
4:00-4:30	**Coffee and Social Break**	Michel Student Center 2nd Floor
4:30-5:30	**Business Meeting**	Michel Student Center 2nd Floor Ballroom C
4:30-6:00	**Student Puzzle Session**	Business and Engineering Convergence Center 1150/1160
5:30-6:15	**Reception with cash bar**	Michel Student Center 2nd Floor Ballroom
6:00-7:00	**Student Pizza Party**	Business and Engineering Convergence Center 1150/1160
6:15-7:00	**Banquet & Awards**	Michel Student Center 2nd Floor Ballroom
7:00-8:00	**Plenary Talk**	Michel Student Center 2nd Floor Ballroom	A Dream Deferred: 50 Years of Blacks in Mathematics **Edray Goins**

* = undergraduate student   All times listed are in Central Standard Time.

(+) = graduate student   All attendees are invited to the Section NExT social from approx. 8.30-10pm at Weaver's Fresh Food and Drink, 7301 N Radnor Rd, Peoria, IL 61615.

The 2024 Annual Meeting of the Illinois Section of the MAA
Saturday, March 16

Time					
8:00-1:00pm	**Registration**	Michel Student Center 2nd Floor			
8:30-9:30am	**Plenary Talk**	Michel Student Center 2nd Floor Ballroom	Multiple definitions of the generalized Stirling numbers **Michael Maltenfort**		
9:30-9:50am	**Coffee Break**	Michel Student Center 2nd Floor			
	BECC 2132	**BECC 2138**	**BECC 2140**	**BECC 2160**	**BECC 2174**
10:00 - 10:20am	Career Panel for Undergraduate Students: Preparation for Careers in Mathematical Sciences **Amanda Liaromatis**, Chair of Math Dept at Manual HS **Nathan Pauli**, Caterpillar in Peoria Moderated by TBD	Section NExT Round Table discussion (10-10:50) **Hosted by Emily Olson**	Higher order root finding algorithm with controllable rate of convergence. **Maral Tajova(+)** and Dinesh Ekanayake	Python-Powered Peak Discovery: Unveiling Moss's Pollution-Sensing Potential **Jasmine Gillis(+)**, Phillipa Asare-Ababio(+), Eric Damerow	
10:30 - 10:50am			Estimating transmission parameters and the reproduction number: COVID-19 in Sri Lanka as a case study. **Harsha Iduruwage(+)**, Dinesh Ekenayake, Elizabeth Hansen	Gibbs Phenomenon for a Weighted Piecewise Linear Approximation **Catherine Crawford and Jon L. Johnson**	
11:00-11:20am		Revolutionizing Education: Unleashing the Power of OpenAI's ChatGPT for Dynamic Learning Experiences in Mathematics Education **Elaina Khasawneh**	Rehumanizing the teaching of calculus **Kevin Palencia Infante**	A Mathematical Framework to Augment the Q-MARSH Score in the Diagnosis of Celiac Disease **Cara Sulyok**	Deriving the Black-Scholes Equation **Ngoc Le***
11:30-11:50am		Building Classification Models for Early Detection of Asthma in Child for USA Population based on the Behavioral Risk Factor Surveillance System (BRFSS) **A K M Raquibul Bashar**	Research Training Seminar Series - Training Undergraduate Students for Math Research **Angela Antonou and Christina Jamroz**	Stochastic Simulations of Nosocomial Clostridioides difficile Infections and Transmission **Matthew Senese***, Austin Kind*, Cara Sulyok, Brittany Stephenson	Population Models with Non-local Dispersal and Stage-structure **Boga Mzila-Ndlovu***
12:00-1:00pm	**Closing, Undergrad Awards, and Plenary Talk**	Michel Student Center 2nd Floor Ballroom	Using Mathematics to Unlock Biological Mysteries **Candice Price**		

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(+) = graduate student

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