

2019 MAA Outstanding Student Paper Session Presentation Awards:

Presenters	Title
Kimball Strong and Erica Barrett <i>(University of California Berkeley, Williams College)</i>	Complete Local Rings and their Precompletions
Caitlyn Patel and Rachel Roca <i>(Rollins College, Manhattan College)</i>	Mathematical Analysis of Random Sample Voting
Alvaro Cornejo, Marietta Geist, and Kayla Harrison <i>(University of California Santa Barbara, Carleton College, Eckerd College)</i>	Modular Curves and Minimal Discriminants
Tim Ablondi <i>(Centre College)</i>	Results on Neighborhood-Prime Labelings of Graphs
Steven Evans and Ian Ray <i>(Morehead State University)</i>	Polynomial Inequalities Handled with Logic
Rachel Wood and Moises Ponce <i>(Lee University)</i>	Quest for the Mathematically Ideal Font Using Principal Component Analysis
Annabelle Eyler and Joyce Quon <i>(Hood College, California State University Los Angeles)</i>	Analyzing the Relationship Between Neural Activity and Behavior
Samuel Herman <i>(New College of Florida)</i>	Orbits of Hamiltonian Paths and Cycles in Complete Graphs
Sam Carryer <i>(Ohio University)</i>	Results from a Study on Students in an Inquiry-based Calculus Course
Yasmine Soofi <i>(NYC College of Technology, City of New York)</i>	Student Perspective on Enjoyment in Mathematics Classes

Ryan Cecil (<i>Duquesne University</i>)	PDE Based Deep Learning for Geometric Image Data
Travis Dillon (<i>Lawrence University</i>)	Entropy of S-graph Shifts
Christian Miller (<i>Grand Valley State University</i>)	Winnability for the Group “Lights Out” Game
Roman Vasquez and Rachel Wofford (<i>University of Central Florida, Whitworth University</i>)	Geometry of Sets: Bipartite Graphs, Edge Coverings, and Line Segments Defined by Sets
Faith Hensley and Ashley Peper (<i>Marshall University, University of Wisconsin Stevens Point</i>)	Extremal Numbrix Puzzles
Shraddha Shankar and Addie Buzas (<i>Denison University</i>)	Random Walks on the English Language Dictionary
Andrea Doty (<i>College of Saint Benedict</i>)	Flow-Kick Dynamics of Lake Fish
Alexander Black (<i>Cornell University</i>)	The Square Peg Problem for Two Curves
Madelyn Shapiro (<i>University of Puget Sound</i>)	Reduced Order Modeling with the Complete Memory Approximation
Maxwell Hennen (<i>Saint John's University</i>)	Permutation Groups and Error Correcting Codes
Meagan Scheider, Scott West, Tonia Bell, and Anna Fox (<i>University of Scranton, California State Polytechnic University Pomona, The American University, Clemson University</i>)	Modeling the Adaptive Immune Response to Chronic Hepatitis B Virus