



BREAKFAST & KEYNOTE ADDRESS
8:00–9:15 a.m.

BREAK
11:30 a.m.–12:30 p.m.

SESSIONS: Friday, March 7

	9:30–10:00 a.m.	10:15–10:45 a.m.	11:00–11:30 a.m.	12:30–1:00 p.m.	1:15–1:45 p.m.	2:00–2:30 p.m.	3:00–4:30 p.m.
Commodore A	AI in Higher Ed Math & Stats	AI in Higher Ed Math & Stats	AI in Higher Ed Math & Stats	AI in Higher Ed Math & Stats	Teaching Methods & Course Formats	Before Calculus	Minicourses
	Teaching with AI: Insights from a Year of Implementation Brianna Hitt <i>United States Air Force Academy</i>	Data-Driven Insights: Transforming Math Education with AI and Data Brian Rickard <i>University of Arkansas</i>	How to use Artificial Intelligence to Empower Student Learning Nada Alnounou <i>San Jacinto College</i>	Artificial Intelligence (AI) in the Teaching and Learning of Mathematics Gilbert Eyabi <i>Anderson University</i>	Empowering First-Generation Students in Your Mathematics Classroom Christina C <i>Northern Arizona University</i>	Using Gamification in the Flipped College Algebra Classroom to Increase Engagement Tarcia Hubert <i>Lone Star College Houston North</i>	Mobile Apps for Intro Stats Bernhard Klingenberg <i>New College Florida</i>
Commodore B	Math in the Real World	Beyond Calculus	Calculus	Math For Future Teachers	Teaching Methods & Course Formats	Teaching Methods & Course Formats	Minicourses
	Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics Eric Gaze <i>Bowdoin College</i>	Mathematics and Linear Algebra Jason Gregersen <i>Michigan Technological University</i>	Come Join Our Table: Calculus for Business and Life Sciences Kimberly Walters <i>Mississippi State University</i>	Online vs. Document Syllabus Kimberly Bennekin <i>Georgia State University, Perimeter College</i>	A Great Time-Saving App on the TI-84 Plus CE Laora Brizendine <i>Wingate University</i>	Implications for Mathematical Engagement when Everyone has iPads Erica Johnson, Ryan Gantner, Kris Green & Mark McKinzie <i>St. John Fisher University</i>	Can AI Be Integrated with other Math Technologies? Kevin Hopkins <i>Southwest Baptist University</i>
Cambria	Before Calculus	Math in the Real World	Data Science	Statistics	Before Calculus	Beyond Calculus	Minicourses
	20 Tips from 20 Years of using MyLab® Math Stephanie Kurtz, Sheri Goings & Lindsay Waddell <i>Louisiana State University Baton Rouge</i>	Some of the Undergraduate Mathematics Powering Artificial Intelligence Andrew Lee & Frank Wattenberg <i>United States Military Academy</i>	The Pythagorean Theorem of Baseball - Modeling with Excel and Desmos Robert Strozak <i>Old Dominion University</i>	Transform Data into Engagement: Microsoft Excel for Interactive Statistics Classrooms Serina Alhaddad <i>Rollins College</i>	Enhancing Student Engagement in College Algebra with Student Response Systems and Cloud-Based Quiz Platforms Kathy Cousins-Cooper <i>North Carolina A&T State University</i>	Leveraging Accelerometers for Teaching Numerical Differentiation and Integration Vivek Singhal <i>University of Wisconsin Stout</i>	Enhancing Math Classes with Graphic Content Donna Densmore <i>Bossier Parish Community College</i>
Britannia	Calculus	Teaching Methods & Course Formats	Teaching Methods & Course Formats	Calculus	Calculus	Math for Future Teachers	Minicourses
	From Tangents to Technology: Mastering the Mean Value Theorem in Calculus Beth Riggs <i>Tarleton State University</i>	College Algebra Students' Understanding of Rational Functions Using MyMathLab® Avijit Kar <i>Georgia State University, Perimeter College</i>	The Experience from a Math 0960 Course Li Westman <i>Metro Community College</i>	Animations in Multivariable Calculus Jeffrey Clark <i>Elon University</i>	The Variable Rotation of the Earth Jay Villanueva <i>Miami Dade University</i>	Technology in Math Courses for Preservice Teachers Barbara Boschman <i>Northern Arizona University</i>	Designing a Statistics Course that Meets the Needs of the Future Employers and the Community LaVerne Chambers <i>Dallas College</i>
Aurora	Teaching Methods & Course Formats	Before Calculus	Math in the Real World	Before Calculus	Data Science	Calculus	Minicourses
	Engage With Desmos Through Self Checking Activities Katie Pridemore <i>Valencia College</i>	Prep for Corequisite Math: Math Jams/Labs, Mini Courses/Workshops, Soft Skills Jamie Blair, <i>Orange Coast College</i> Anne Fischer, <i>Tulsa Community College</i> Jennifer Crawford, <i>Normandale Community College</i>	Student Experiences (Good, Bad, Ugly): Using Intelligent Tutoring Systems and How to Mass Individualize Learning Christian Jarquin <i>Miami Dade College</i>	The Intersection of Geometry and Algebra: A Visual Path to Factoring Mohammad Ganjizadeh <i>Tarrant County College</i>	Enhancing Classroom Learning with Rguroo: Teaching Statistics and Data Science Using Online Software Mori Jamshidian <i>California State University, Fullerton</i>	Calculus for a Sustainable Future: Desmos, Commerce, and Climate Change Brianna Kurtz <i>University of Virginia</i>	Let's Share Technology from AI to Z Mari Menard <i>Lone Star College, Kingwood</i>



SESSIONS: Saturday, March 8

BREAKFAST & KEYNOTE ADDRESS

8:00–8:45 a.m.

BREAK

11:45 a.m.–12:35 p.m.

Contributed Sessions

	9:00–9:30 a.m.	9:45–10:15 a.m.	10:30–11:00 a.m.	11:15–11:45 a.m.	12:30–2:00 p.m.
Commodore A	AI in Higher Ed Math & Stats Reduce Your Brain Strain with AI Edouard Tchertchian <i>Los Angeles Pierce College</i>	AI in Higher Ed Math & Stats Moving the Decimal to the Right: Artificial Intelligence (AI) in Mathematics Education Hope Essien <i>Malcolm X College (One of the City Colleges of Chicago)</i>	AI in Higher Ed Math & Stats Our Class SI is the “Infamous” AI Rodica Cazacu <i>Georgia College & State University</i>	Teaching Methods & Course Formats You Truly Can Do It: Math Videos Made Easily Kristina Sampson <i>Lone Star College- CyFair</i>	Minicourses Enhancing Math Classes with Graphic Content Christina Dwyer <i>State College of Florida, Manatee-Sarasota</i>
	Math in the Real World Successful Math Pathways: How Students are Finding Math in Their World Kimberly Walters <i>Mississippi State University</i>	Math in the Real World 3D Printing Projects that Demonstrate Math Concepts Nora Strasser <i>Friends University</i>	Statistics Using M&Ms to Introduce Chi-Squared Goodness-of-Fit Test Carla Hill <i>Marist College</i>	Before Calculus Lights, Camera, Action: Making Algebra Resources Reel Jennifer Whitfield & Fernando Chavarria <i>Texas A&M University</i>	Minicourses Neurodiversity and Inclusive Group Project Design - A Business Statistics Class Example Annie Ngo <i>Mira Costa College</i>
Commodore B	Teaching Methods & Course Formats Creating Effective Videos for Teaching Mathematics with PowerPoint Thomas Klein <i>Marshall University</i>	Calculus Online Course Creation with “Interactive Calculus” Jason Gregersen <i>Michigan Technological University</i>	Beyond Calculus A Statistical Analysis of Launched Projectiles Paul Bouthellier <i>Pitt-Greensburg</i>	Beyond Calculus Solving Non-Linear Polynomial Equations by Excel Nadeem Aslam <i>Florida International University</i>	Minicourses Key Technologies for Promoting Student Engagement in Online Math Courses Virginia Thompson <i>CUNY York College</i>
	Statistics Simple & Multiple Regression Bernhard Klingenberg <i>New College Florida</i>	Teaching Methods & Course Formats Enhancing Student Engagement Through Personalized Merge Emails Ivette Chuca <i>El Paso Community College</i>	Teaching Methods & Course Formats Leveraging Technology in Teacher Preparation: GeoGebra as a Discovery Tool Yong Colen <i>Indiana University of Pennsylvania</i>	Statistics Navigating Teaching Statistics when Everyone’s Phone is also a Casino Jason Gershman <i>Nova Southeastern University</i>	Minicourses Harnessing R Shiny to Enhance Conceptual Understanding in Statistics Education Jakob Oetinger <i>University of Montana</i>
Cambria	Math for Future Students Dynamic Geometry Software Preferences for Preservice Brian Beaudrie <i>Northern Arizona University</i>	Before Calculus Vector Vision: Exploring Old and New School Representations Nikita Patterson <i>Georgia State University - Perimeter College</i>	Before Calculus Quadratic Polynomial Space in Two Dimensions: Visualizing Structure and Relationships Timor Sever <i>Houston Community College</i>	Teaching Methods & Course Formats Flipping the Classroom: Enhancing Engagement with PlayPosit, Loom, and Notability Kristen Weddington <i>Indianapolis School of Science</i>	Minicourses Integrating AI Tools to Enhance Teaching and Learning Brianna Hitt & Jessica Hauschild <i>United States Air Force Academy</i>
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	Reliance
9:00–9:15 a.m.	Calculus GeoGebra Activities for Visualizing Key Calculus Concepts Przemyslaw Bogacki <i>Old Dominion University</i>
	Corequisite / Pathways Early Pathways into Undergraduate Research: Upskilling at West Point William Reynolds <i>United State Military Academy, West Point</i>
10:00–10:15 a.m.	Calculus Use of Maple in Visualization and Evaluation of 3-D Volumes Somasundaram Velumylyum <i>Clafin University</i>