



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

**BREAK**  
11:30 a.m.–12:30 p.m.

## SESSIONS: Friday, March 7

**MINICOURSES**

	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.
<b>Commodore A</b>	AI in Higher Ed Math & Stats Teaching with AI: Insights from a Year of Implementation Brianna Hitt <i>United States Air Force Academy</i>	AI in Higher Ed Math & Stats Data-Driven Insights: Transforming Math Education with AI and Data Brian Rickard <i>University of Arkansas</i>	AI in Higher Ed Math & Stats How to use Artificial Intelligence to Empower Student Learning Nada Alnounou <i>San Jacinto College</i>	AI in Higher Ed Math & Stats Artificial Intelligence (AI) in the Teaching and Learning of Mathematics Gilbert Eyabi <i>Anderson University</i>	AI in Higher Ed Math & Stats Exploring Synergy in STEM: Cognitive Enhancement and Human-Computer Interaction Anass Bayaga <i>Nelson Mandela University</i>		AI in Higher Ed Math & Stats Enhancing Your Teaching with AI: Tools and Strategies for Educators Jessica Bernards <i>Portland Community College</i>
	<b>Math in the Real World</b> Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics Eric Gaze <i>Bowdoin College</i>	<b>Math in the Real World</b> Unveiling Patterns: Statistical Modeling of Historical and Social Phenomena Reza Abbasian & John Sieben <i>Texas Lutheran University</i>	<b>Math in the Real World</b> Student Experiences (Good, Bad, Ugly): Using Intelligent Tutoring Systems and How to Mass Individualize Learning Christian Jarquin <i>Miami Dade College</i>	<b>Math For Future Teachers</b> Online vs. Document Syllabus Kimberly Bennekin <i>Georgia State University, Perimeter College</i>	<b>Data Science</b> Enhancing Classroom Learning with Rguroo: Teaching Statistics and Data Science Using Online Software Mori Jamshidian <i>California State University, Fullerton</i>	<b>Teaching Methods &amp; Course Formats</b> Implications for Mathematical Engagement when Everyone has iPads Erica Johnson, Ryan Gantner, Kris Green & Mark McKinzie <i>St. John Fisher University</i>	<b>Statistics</b> Mobile Apps for Intro Stats Bernhard Klingenberg <i>New College Florida</i>
<b>Cambria</b>	<b>Before Calculus</b> 20 Tips from 20 Years of using MyLab® Math Stephanie Kurtz, Sheri Goings & Lindsay Waddell <i>Louisiana State University Baton Rouge</i>	<b>Before Calculus</b> Prep for Corequisite Math: Math Jams/Labs, Mini Courses/Workshops, Soft Skills Jamie Blair, Orange Coast College Anne Fischer, Tulsa Community College Jennifer Crawford, Normandale Community College	<b>Before Calculus</b> Integer Solutions for a Three-Logarithm Equation Using Technology Eric Hurchinson <i>College of Southern Nevada</i>	<b>Before Calculus</b> The Intersection of Geometry and Algebra: A Visual Path to Factoring Mohammad Ganjizadeh <i>Tarrant County College</i>	<b>Before Calculus</b> Enhancing Student Engagement in College Algebra with Student Response Systems and Cloud-Based Quiz Platforms Kathy Cousins-Cooper <i>North Carolina A&amp;T State University</i>	<b>Before Calculus</b> Using Gamification in the Flipped College Algebra Classroom to Increase Engagement Tarcia Hubert & Tracy Samuel <i>Lone Star College Houston North</i>	<b>AI in Higher Ed Math &amp; Stats</b> Let's Share Technology from AI to Z Mari Menard <i>Lone Star College, Kingwood</i>
	<b>Calculus</b> From Tangents to Technology: Mastering the Mean Value Theorem in Calculus Beth Riggs & Nancy Summers <i>Tarleton State University</i>	<b>Beyond Calculus</b> Mathematics and Linear Algebra Jason Gregersen <i>Michigan Technological University</i>	<b>Calculus</b> Come Join Our Table: Calculus for Business and Life Sciences Kimberly Walters <i>Mississippi State University</i>	<b>Calculus</b> Animations in Multivariable Calculus Jeffrey Clark <i>Elon University</i>	<b>Calculus</b> The Variable Rotation of the Earth Jay Villanueva <i>Miami Dade University</i>	<b>Math for Future Teachers</b> Technology in Math Courses for Preservice Teachers Barbara Boschman & Brian Beaudrie <i>Northern Arizona University</i>	<b>Statistics</b> Designing a Statistics Course that Meets the Needs of the Future Employers and the Community LaVerne Chambers <i>Dallas College</i>
<b>Britannia</b>	<b>Teaching Methods &amp; Course Formats</b> Engage With Desmos Through Self Checking Activities Katie Pridemore <i>Valencia College</i>	<b>Teaching Methods &amp; Course Formats</b> College Algebra Students' Understanding of Rational Functions Using MyMathLab® Avijit Kar <i>Georgia State University, Perimeter College</i>	<b>Teaching Methods &amp; Course Formats</b> The Experience from a Math 0960 Course Li Westman <i>Metro Community College</i>	<b>Statistics</b> Transform Data into Engagement: Microsoft Excel for Interactive Statistics Classrooms Serina Alhaddad <i>Rollins College</i>	<b>Teaching Methods &amp; Course Formats</b> A Great Time-Saving App on the TI-84 Plus CE Laora Brizendine <i>Wingate University</i>	<b>Calculus</b> Calculus for a Sustainable Future: Desmos, Commerce, and Climate Change Brianna Kurtz <i>University of Virginia</i>	<b>Teaching Methods &amp; Course Formats</b> Enhancing Math Classes with Graphic Content Donna Densmore <i>Bossier Parish Community College</i>
		<b>Statistics</b> Implementing GAISE Updates Through Approachable Technology Use in Statistics Classrooms Anna Plantinga <i>Williams College</i>	<b>Data Science</b> The Pythagorean Theorem of Baseball - Modeling with Excel and Desmos Robert Strozak <i>Old Dominion University</i>	<b>Teaching Methods &amp; Course Formats</b> Creating an Ideal OER Textbook with Your Students in Mind Jennifer Shloming <i>Fashion Institute of Technology</i>	<b>Teaching Methods &amp; Course Formats</b> Empowering First-Generation Students in Your Mathematics Classroom Christina C <i>Northern Arizona University</i>		<b>AI in Higher Ed Math &amp; Stats</b> Can AI Be Integrated with other Math Technologies? Kevin Hopkins <i>Southwest Baptist University</i>
<b>Reliance</b>							



# SESSIONS: Saturday, March 8

BREAKFAST & KEYNOTE ADDRESS	BREAK
8:00–8:45 a.m.	11:45 a.m.–12:35 p.m.

	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 &amp; 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 Integrating AI Tools to Enhance Teaching and Learning Brianna Hitt & Jessica Hauschild <i>United States Air Force Academy</i>
	Commodore B	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&amp;M University</i>
Cambria		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>
	Britannia	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>
Aurora		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>
	Reliance	9:00–11:00 a.m. Contributed Sessions			

## Contributed Sessions

	Reliance
9:00–9:15 a.m.	Calculus GeoGebra Activities for Visualizing Key Calculus Concepts Przemyslaw Bogacki <i>Old Dominion University</i>
	10:00–10:15 a.m.
10:30–10:45 a.m.	