

### Pre-Conference Session | Thursday, March 15

8:00 a.m.-4:30 p.m.	
<b>MONUMENT</b>	<b>Teaching Mathematics in 3D</b> Douglas Meade <i>University of South Carolina</i> Lila F. Roberts <i>Clayton State University</i>

### MyLab Math Workshops | Thursday, March 15

	8:00-11:30 a.m.	1:00-4:30 p.m.
<b>CAPITOL</b>	<b>Results by Design</b> Calandra Davis <i>Pearson</i>	<b>Learning Catalytics</b> Diane Hollister <i>Pearson</i>
<b>CONGRESS</b>	<b>Adaptive Learning</b> Stephanie Walker <i>Pearson</i>	<b>Adaptive Learning</b> Stephanie Walker <i>Pearson</i>
<b>MINT</b>	<b>Custom Question Builder</b> Gwen Terwilliger <i>Emeritus University of Toledo</i>	<b>Custom Question Builder</b> Gwen Terwilliger <i>Emeritus University of Toledo</i>
<b>TREASURY</b>	<b>MyLab Stats &amp; StatCrunch</b> Diane Hollister <i>Pearson</i>	<b>Teaching Online</b> Calandra Davis <i>Pearson</i>

### Professional Development Workshop Thursday, March 15

11:15 a.m.-12:45 p.m.	
<b>TREASURY</b>	<b>Factoring Coreq Support into Pathway Courses for Higher Retention</b> Sara Tyler <i>Hawkes Learning</i>

### MINI-COURSES Friday, March 16

**DON'T MISS: Keynote Address 8:00 a.m.**

	9:30-11:00 a.m.	11:15 a.m.-12:45 p.m.	1:00-2:30 p.m.	3:30-5:00 p.m.
<b>CAPITOL</b>	<b>An Introduction to GeoGebra and Dynamic Worksheets</b> David Ray, <i>University of Tennessee at Martin</i>	<b>Camtasia®: Creating SCORM Content Packages</b> Sarah Mabrouk <i>Framingham State University</i>	<b>Desmos and Geogebra: Teaching Calculus Conceptually</b> Michael McConnell and Marcella McConnell <i>Clarion University</i>	<b>Linear Algebra Activities: Simplest to Most Difficult Concepts Using GeoGebra</b> James Factor and Susan Pustejovsky <i>Alverno College</i>
<b>CONGRESS</b>	<b>Creating Interactive Learning Experiences for Any Course Format</b> Michael Sullivan <i>Joliet Junior College</i> George Woodbury <i>College of Sequoias</i>	<b>Welcome to Mathematica®</b> Jason Gregersen <i>Michigan Technological University</i>	<b>Show Me the Data - Getting Started with StatCrunch™</b> Sharleen McCarroll <i>American River College</i>	<b>Desmos: A Free Online Graphing Tool for Developing Classroom Activities</b> Katie Pridemore <i>Valencia College</i>
<b>MINT</b>	<b>iPad® Notability Mini-Course</b> Jay Sharritt, Matthew Mogensen, and Michael Seminelli <i>United States Military Academy</i>	<b>Assessment: From a Silent Killer of Learning to an Active Booster of Better Learning</b> Kristin Arney, Kayla Blyman, Lisa Bromberg, David Delcuadro-Zimmerman, David Harness, Scott Warnke, Frank Wattenberg (Fellow), and Sarah Wolberg <i>United States Military Academy</i>	<b>Versatile Solutions to Develop Online Videos</b> Julia Ledet and Michaela Stone <i>Louisiana State University</i> Reena Kothari <i>Normandale Community College</i>	<b>Get Down and Dirty with Doceri...and Amaze Your Students with Your Responses!</b> John Diamantopoulos <i>Northeastern State University</i>

### MINI-COURSES Saturday, March 17

**DON'T MISS: Keynote Panel 8:00 a.m.**

	9:00-10:30 a.m.	10:45 a.m.-12:15 p.m.	12:45-2:15 p.m.	2:30-4:00 p.m.
<b>CAPITOL</b>	<b>3D Printing in Calculus with Mathematica®</b> Jason Gregersen <i>Michigan Technological University</i>	<b>Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics</b> Eric Gaze <i>Bowdoin College</i>	<b>Camtasia®: An Introduction</b> Sarah Mabrouk <i>Framingham State University</i>	<b>Visualizing Multivariable Calculus &amp; Differential Equations Using CalcPlot3D™</b> Paul Seeburger <i>Monroe Community College</i>
<b>CONGRESS</b>	<b>Lights, Camera, Action! Recording and Editing Videos in Camtasia® 9</b> Rose Jenkins <i>Midlands Technical College</i>	<b>Using EDpuzzle to Flip a Class</b> Debra Pharo <i>Northwestern Michigan College</i>	<b>Creating Mathematics Tutorial Videos Using an iPad Pro and Explain Everything</b> Cathy Frey <i>Norwich University</i>	<b>Teaching with Interactive Figures</b> Eric Schulz <i>Walla Walla Community College</i>
<b>MINT</b>	<b>Introduction to Visualizing Mathematics: GeoGebra and Desmos</b> Mike May <i>Saint Louis University</i>	<b>Math With an Assist: Coding in Grades 2-12</b> Jerome Caldwell <i>University of Wisconsin, River Falls</i>	<b>All-Time Mathematically Rich Geometry Through Precalculus Activities, Individualized with Solutions</b> Tom Reardon <i>Youngstown State University</i>	<b>The Use of Maple™ Software in a Calculus Course</b> Matthew Westerhoff <i>Northern Virginia Community College</i>
<b>TREASURY</b>	<b>Jazz Up Your Presentation with Learning Catalytics™</b> Lourdes España, Victoria Livinski, and Erika Zjevik <i>Miami Dade College</i>	<b>Show Your Work: Explicating Students' Thinking Using Online Assessment Tools</b> Caree Pinder and Ruthmae Sears <i>University of South Florida</i>	<b>Update Your Online STATus</b> Maureen Petkewich <i>University of South Carolina</i>	
<b>MONUMENT</b>	<b>Teaching Successful Online Math Courses</b> Calandra Davis <i>Pearson</i>	<b>Adaptive Learning: Making it Personal</b> Stephanie Walker <i>Pearson</i>	<b>Results by Design</b> Calandra Davis <i>Pearson</i>	<b>Using MyLab Stats and StatCrunch</b> Diane Hollister <i>Pearson</i>

### MINI-COURSES Sunday, March 18

	8:00-9:30 a.m.	9:45 a.m.-11:15 a.m.
<b>MONUMENT</b>	<b>Custom Question Builder - The Basics</b> Diane Hollister <i>Pearson</i>	<b>Adaptive Learning: Making it Personal</b> Diane Hollister <i>Pearson</i>

	10:30-11:00 a.m.	11:15-11:45 a.m.	12:00-12:30 p.m.	12:45-1:15 p.m.	1:30-2:00 p.m.	3:00-3:30 p.m.	3:45-4:15 p.m.	4:30-5:00 p.m.
ARCHIVES	<b>Growth Mindset or GRIT, this Movement is Showing Promise in Mathematics Education</b> <i>Before Calculus</i> Elayn Martin-Gay University of New Orleans	<b>Applying New Research to Increase Success in Math</b> <i>Before Calculus</i> Gary Rockswold Minnesota State University, Mankato Terry Krieger Rochester Technical and Community College	<b>Extending Pathways: Using Pathways to Bridge to College Mathematics</b> <i>Before Calculus</i> Kathleen Almy and Heather Foes Rock Valley College	<b>Geometric Conjectures in Dynamic Geometry Environments</b> <i>Before Calculus</i> Arsalan Wares Valdosta State University	<b>Corequisite as a 3-hour Course</b> <i>Before Calculus</i> Anne Fischer Tulsa Community College		<b>PreTeXt: Write Once, Read Anywhere</b> <i>Teaching Math Online</i> Bruce Yoshiwara (Fellow) Los Angeles Pierce College	<b>A Co-Requisite Pilot - Year Two. How's It Going?</b> <i>Pedagogy</i> Randy Gallaher & Kevin Bodden Lewis & Clark Community College
MONUMENT	<b>"Learning Catalytics™: An Effective Technology Tool to Promote Student Engagement and Interaction</b> <i>MyLab Math</i> Adam Chekour University of Cincinnati - Blue Ash	<b>Flipping (any) Mathematics Class Using Instructor Created Questions in MyLab™ Math</b> <i>MyLab Math</i> Terry Barron Georgia Gwinnett College Peggy Slavik Baldwin Wallace University	<b>Using Custom "Common Errors" MyLab Math Questions for "High Risk" Calculus Students</b> <i>MyLab Math</i> Robert Strozak Old Dominion University	<b>Online Tools for Assignments in Hybrid Courses: To Use or Not to Use</b> <i>MyLab Math</i> Rodica Cazacu Georgia College	<b>Effective Use of MyLab™ Math (MyLabsPlus) for Positive Long-term Effects</b> <i>MyLab Math</i> Rachid Ait Maalem Lahcen, Alina Stefanov, and Ram Mohapatra University of Central Florida	<b>What Can Direct Digital Access and MyLabsPlus™ Do for You?</b> <i>MyLab Math</i> Melissa Reid, Terri McKnight, and Leanne Dixon Rowan-Cabarrus Community College	<b>Teaching Finite Mathematics Online - A Course Coordinator's Perspective</b> <i>MyLab Math</i> Jacob Dasinger University of South Alabama	<b>Using MyLab™ Math to Reduce Test Anxiety</b> <i>MyLab Math</i> Betty Barbari SUNY College at Old Westbury
SALON A	<b>Investing the Pedagogy of R Versus Minitab® in Teaching Statistics</b> <i>Statistics</i> Reza Abbasian and John Sieben Texas Lutheran University	<b>Statistics: What's Hot and What's Not?</b> <i>Statistics</i> Marty Triola Dutchess Community College	<b>Engaging Statistics Projects Using StatCrunch™ and Excel</b> <i>Statistics</i> Wendy Pogoda Hillsborough Community College	<b>Using Technology to Foster Students' Conceptual Understanding of Confidence Intervals</b> <i>Statistics</i> Melanie Autin Western Kentucky University	<b>Using Simulation to Enhance Statistical Concepts</b> <i>Statistics</i> Michael Sullivan III Joliet Junior College	<b>Statistics and the Media</b> <i>Statistics</i> Maureen Petkewich and Gail Ward-Besser University of South Carolina	<b>Introductory Statistics in the Cloud via Web Apps</b> <i>Statistics</i> Bernhard Klingenberg Williams College	
SALON B	<b>Motivating College Algebra Students Using Internet Data</b> <i>Before Calculus</i> Cathleen Zucco-Teveloff Rider University	<b>"Show Me" - An Interactive Email Response</b> <i>MathEd/TeacherPrep</i> Becky Moening Ivy Tech Community College	<b>Remember: Who, What, Where, When, How, If...</b> <i>Pedagogy</i> David R. Hill Temple University	<b>Mastery-based, Modular Learning for Developmental Mathematics: A Fingerprint on Learning</b> <i>Before Calculus</i> Lee Ann Roberts, Alvina Atkinson, and Sarah Park Georgia Gwinnett College	<b>Common Cents - Using Low Cost Materials in Your Classroom</b> <i>Before Calculus</i> Glenn Newman Embry Riddle Aeronautical University	<b>Bootcamps &amp; Corequisites: Moving Students Through Their Math Sequence Faster</b> <i>Before Calculus</i> Jamie Blair Orange Coast College Anne Fischer Tulsa Community College	<b>Flipping the Hybrid College Algebra Classroom using MyLab™ Math</b> <i>Before Calculus</i> Violeta Vasilevska Utah Valley University	<b>The Mathematics Behind Bitcoin</b> <i>Before Calculus</i> Alicia Collins Mesa Community College
SALON C	<b>Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics</b> <i>Quantitative Reasoning</i> Eric Gaze Bowdoin College	<b>Mathematics in Action: Projects for Engaging Quantitative Reasoning Students</b> <i>Quantitative Reasoning</i> Alvina Atkinson, LeeAnn Roberts, and Sarah Park Georgia Gwinnett College	<b>Ensuring Transfer of Quantitative Reasoning and Gen Ed Math Courses</b> <i>Quantitative Reasoning</i> Connie Richardson Charles A. Dana Center	<b>What About the "M" in STEM?</b> <i>STEM</i> Sharon Sledge San Jacinto College	<b>Do You Kahoot!™?</b> <i>STEM</i> Carla Hill Marist College	<b>Pathways to Understanding: Dynamic Mathematics Technology as Driver</b> <i>STEM</i> Wade Ellis (Fellow) West Valley College Thomas Dick Oregon State University William Bauldry Appalachian State University	<b>Prepare Tomorrow's Students Today by Creatively Integrating Pedagogy, STEM, and Globalization</b> <i>STEM</i> Tom Reardon Youngstown State University	<b>Visualizing Mathematics with Graphs &amp; Computations without The Learning Curve</b> <i>Before Calculus</i> Ana Gowribalan Vamadeva University of Cincinnati - Blue Ash College
SALON G	<b>Creating User-friendly Problems</b> <i>Calculus</i> Mary Jane Sterling Bradley University	<b>Mathematical Modeling: Creating a Video Game</b> <i>Beyond Calculus</i> Paul Bouthellier University of Pittsburgh-Titusville	<b>Using Geogebra as a Theoretical Framework for Learning Quadric Surfaces</b> <i>Calculus</i> Mohammad Ganjizadeh Tarrant County College	<b>Don't Be Afraid of the F-word: Flipping is Better</b> <i>Calculus</i> Darin Kapanje Temple University	<b>Who Says You Can't Do Calculus in Excel?</b> <i>Calculus</i> Michael Seminelli and Andrew Plucker United States Military Academy	<b>Tools of Modern Mathematics: An Introduction to Experimental Mathematics</b> <i>Beyond Calculus</i> Debra Hydorn University of Mary Washington	<b>Using 3D Drawing and Technology to Conceptually Understand Volumes of Revolution in Calculus</b> <i>Calculus</i> John King Perimeter College at Georgia State University	<b>IguanaTex: LaTeX Add-in for PowerPoint™ Greatly Simplifies Creating Mathematical Slides</b> <i>Calculus</i> David Schweitzer Liberty University
SALON H	<b>Engaging Students by Using Learning Catalytics™</b> <i>Pedagogy</i> Lazara Ferrer and Marta Brito-Villani Miami Dade College	<b>Online Examination for Online Courses - Reduce Student Dishonesty</b> <i>Teaching Math Online</i> Oscar Macedo, Alexandra Macedo, and Gabriel Mendoza El Paso Community College	<b>Math in an Instant Feedback World 2.0</b> <i>Pedagogy</i> Jessica Bernards and Wendy Fresh Portland Community College	<b>Using the Emporium Model to Improve Student Performance</b> <i>Research</i> Kathy Cousins-Cooper and Katrina Nelson North Carolina A&T State University	<b>Multimedia Design Principles of Animations: An Example for Piecewise Functions</b> <i>Research</i> Alicia Serfaty de Markus Miami Dade College	<b>Online Versus Face-to-Face</b> <i>Teaching Math Online</i> Jing Chang College of Saint Mary	<b>Engaging Statistics Students with Clickers</b> <i>Statistics</i> Gabi Booth Daytona State College	
SALON N	<b>Preparing New Faculty to Serve Effectively in Your Department</b> <i>Real World Applications</i> John Bacon, David Harness and Michael Yankovich United States Military Academy	<b>Z(app) the Tedium: Apps and Applications for Liberal Arts Students</b> <i>Real-World Applications</i> Tom Pirnot Kutztown University	<b>Global Numeracy, Global Change</b> <i>Real-World Applications</i> Kurt Kreith University of California at Davis	<b>Using Shiny from RStudio to Teach, Motivate, and Evaluate a Classroom Created Social Network</b> <i>Real-World Applications</i> Bryan Adams United States Military Academy	<b>Mathematics, Science, and Reality</b> <i>Real-World Applications</i> Gary Rockswold Minnesota State University, Mankato	<b>Solar Energy and Trigonometry</b> <i>Real-World Applications</i> James Cliber Iowa State University	<b>OK, Take Out Your Cell Phones</b> <i>Real-World Applications</i> Lasse Savola SUNY - Fashion Institute of Technology	<b>Real-World Applications Data Science Applications for Intelligence Analysis</b> <i>Real-World Applications</i> Donald Koban United States Military Academy
SALON O	<b>Document Camera Fun</b> <i>Pedagogy</i> Thomas Carson Franklin Classical School	<b>Cell Phones on a Test? I Say Yes</b> <i>Pedagogy</i> Denise Nunley Scottsdale Community College	<b>A College Algebra Corequisite Pilot at the University of Idaho</b> <i>Pedagogy</i> Kirk Trigsted University of Idaho	<b>Have Your "Pi" and Eat It "Two": Integrating College Functions</b> <i>Pedagogy</i> Phoebe Rouse Louisiana State University	<b>Blended Learning with OER Platforms in Undergraduate Mathematics</b> <i>Pedagogy</i> Minsu Kim University of North Georgia	<b>Flipping Your Classroom with MyLab™ Math and Interactive Statistics</b> <i>Pedagogy</i> George Woodbury College of the Sequoias	<b>Interactive Corequisites in College Algebra</b> <i>Pedagogy</i> Kevin Bodden and Randy Gallaher Lewis and Clark Community College	<b>Tips for Managing Discussion Forums in Online Math Courses</b> <i>Pedagogy</i> Kelly Weems Georgia Military College

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ARCHIVES	<p><b>The Importance of Adopting Evolving Technological Tools to Expand Content Knowledge to 3D</b> <i>Calculus</i> Wei-Chi Yang Radford University</p>	<p><b>The Turing Bombe and its Role in Breaking Enigma</b> <i>Beyond Calculus</i> Neil Sigmon Radford University</p>	<p><b>Exploring Calculus with Mathematica</b> <i>Calculus</i> Somaya Muiny Georgia State University</p>	<p><b>3D Printing: Making It Real</b> <i>Calculus</i> Nora Strasser Friend University</p>	<p><b>"Where Am I Going to Use That?"</b> <i>Before Calculus</i> Rusandica Manole Georgia State University Perimeter College</p>		<p><b>Using Maplesoft Maple to Create Professional Quality Images for Use in Teaching</b> <i>Pedagogy</i> Davorin Dujmovic Suffolk County Community College</p>	<p><b>Teaching Millennium Students with Techniques</b> <i>Calculus</i> Dynechia Jones and Imarlena Batiste Baton Rouge Community College</p>	
SALON A	<p><b>Free Online Tools for Teaching Introductory Statistics</b> <i>Statistics</i> Paul Velleman Cornell University</p>	<p><b>Students Analyzing Real Polling Data: Enhancing Your Statistics Course</b> <i>Statistics</i> Jason Gershman Nova Southeastern University</p>	<p><b>Statistical Investigations: You Might Already Be Teaching Data Science</b> <i>Statistics</i> Robert Gould University of California Los Angeles</p>	<p><b>How Twitter, Pocket, and Padlet Changed My Statistics Course</b> <i>Statistics</i> Rebecca Wong West Valley College</p>	<p><b>The Mathematics of Video Poker</b> <i>Statistics</i> Paul Bouthellier University of Pittsburgh-Titusville</p>	<p><b>Simulations: From Playing Cards to StatCrunch™ and Beyond</b> <i>Statistics</i> Carrie Grant Flagler College</p>	<p><b>Interactive Tools for learning R and Python: Preparation for Statistics Projects</b> <i>Statistics</i> Marsha Davis, Garrett Dancik, and Roland DePratti Eastern Connecticut State University</p>	<p><b>New Approach to Statistics by Using Learning Objective</b> <i>Statistics</i> Wendiann Sethi Seton Hall University</p>	<p><b>Creating Shiny Apps for in Class Activities</b> <i>Statistics</i> Ryne VanKrevelen and Laura Taylor Elon University</p>
SALON B	<p><b>Pre-statistics: Acceleration and New Hope for Non-STEM Majors</b> <i>Before Calculus</i> Jay Lehmann College of San Mateo</p>	<p><b>The Hybrid Classroom: Best of Both Worlds</b> <i>Before Calculus</i> Gabi Booth and Ethan Repyneck Daytona State College</p>		<p><b>Using Original Software to Enhance Teaching in Math for Business and Social Sciences</b> <i>Before Calculus</i> Timor Sever Houston Community College</p>	<p><b>Volumetric Measurement of Tumors: Mathematical Models, Assumptions, and Errors</b> <i>Before Calculus</i> Scott Sinex and Ted Chambers Prince George's Community College</p>	<p><b>Nontrivial Motivational Case Studies for College Introductory Courses in Mathematics</b> <i>Before Calculus</i> Vladimir Riabov Rivier University</p>	<p><b>Using Open Educational Resources in Precalculus</b> <i>Before Calculus</i> Robert Strozak Old Dominion University</p>		<p><b>Integrate Various Technologies to Enhance Student Learning Using Best Practices</b> <i>Before Calculus</i> Mickey Nakagome Maricopa Community Colleges</p>
SALON C	<p><b>Using Instructor Created Videos to Teach Mathematics in Elementary School</b> <i>MathEd/TeacherPrep</i> Thomas Klein Marshall University</p>	<p><b>Technology Usage to Promote Mathematical Thinkers</b> <i>MathEd/TeacherPrep</i> Marcella McConnell Clarion University</p>	<p><b>Service Learning in an Online Math Course</b> <i>MathEd/TeacherPrep</i> Kimberly Bennekin Perimeter College at Georgia State University</p>	<p><b>Using Geometer's Sketchpad® to Teach Geometric Thinking</b> <i>MathEd/TeacherPrep</i> Shafia Abdulrahman Emirates College for Advanced Education Lilla Adulyasas Yala Rajbahat University</p>		<p><b>Transform Your Students' Thinking about Geometry</b> <i>MathEd/TeacherPrep</i> Nikita Patterson Georgia State University</p>	<p><b>The Development of Technological, Pedagogical, and School Mathematics</b> <i>MathEd/TeacherPrep</i> Reda Abu Elwan Sultan Qaboos University</p>		
SALON G	<p><b>Elliptic Integrals and Some Applications</b> <i>Beyond Calculus</i> Jay Villanueva Florida Memorial University</p>	<p><b>3D Printing Lessons in Multivariable Calculus</b> <i>Calculus</i> Kristen Schreck Saint Xavier University</p>	<p><b>Teaching with Interactive Figures</b> <i>Calculus</i> Eric Schulz Walla Walla Community College</p>	<p><b>Linear Algebra: Simplest to Most Difficult Concepts using GeoGebra</b> <i>Beyond Calculus</i> James Factor Alverno College</p>	<p><b>A Team Based Collaboration Model Using MURAL</b> <i>Calculus</i> John Ehrke Abilene Christian University</p>	<p><b>Creating Video Tutorials for Pearson's Interactive Figures - Lessons Learned</b> <i>Calculus</i> Marc Renault Shippensburg University</p>	<p><b>Departmental Final Exams - Experiments, Failures, and Successes</b> <i>Calculus</i> Mozhgan Mirani Tennessee State University</p>	<p><b>Know Your Customer: Driving Course Design Through Student Data</b> <i>Calculus</i> Andrew Plucker and Michael Seminelli United States Military Academy</p>	<p><b>Using Mathematica in the Teaching of Calculus-Based Probability</b> <i>Calculus</i> Jeff Clark Elon University</p>
SALON H	<p><b>Software and Resource Considerations for Teaching Online and Hybrid Courses</b> <i>Pedagogy</i> Sarah Mabrouk Framingham State University</p>	<p><b>The Funny Thing About Math...Volume II</b> <i>Pedagogy</i> Terry Krieger Rochester Community and Technical College</p>	<p><b>To Compute or Not to Compute, That is The Question</b> <i>Statistics</i> Keisha Brown Perimeter College at Georgia State University</p>	<p><b>Statistics Activities: Utilizing the Features of StatCrunch™</b> <i>Statistics</i> Peggy Slavik Baldwin Wallace University Terry Barron Georgia Gwinnett College</p>	<p><b>Undergraduate Research Seminar in Applied Mathematics - A Success Story</b> <i>Pedagogy</i> Kuppalapalle Vajravelu University of Central Florida</p>	<p><b>Placement Testing for Calculus</b> <i>Pedagogy</i> Robert Banik Mississippi State University</p>	<p><b>Designing Successful Corequisite Programs: Structures, Content, and Pedagogy</b> <i>Pedagogy</i> Markus Pomper Roane State Community College Connie Richardson Charles A. Dana Center</p>	<p><b>Communicating Math So It Matters</b> <i>Real-World Applications</i> Heather Seminelli United States Military Academy</p>	
SALON N	<p><b>Modeling Important Social Issues with Data: Opioid Overdose Deaths</b> <i>Real-World Applications</i> Tom Reardon Youngstown State University</p>	<p><b>World Population, Demographics, Equity, and Murder</b> <i>Real-World Applications</i> G Donald Allen Texas A&amp;M University</p>	<p><b>Using Technology to Facilitate the Implementation of Problem Based Learning in Calculus</b> <i>Real-World Applications</i> Rabia Shahbaz, Jamey Curry, and Nathasha Brewly Georgia Gwinnett College</p>	<p><b>Transforming Assessment from a Silent Killer of Learning to an Active Boost</b> <i>Real-World Applications</i> Kristin Arney and Frank Wattenberg (Fellow) United States Military Academy</p>	<p><b>Engaging Exams, Evaluating Evaluations: An Alternate Approach Assessed</b> <i>Real-World Applications</i> Kayla Blyman and David Delcuadro-Zimmerman United States Military Academy</p>	<p><b>Alternative Assessments: The Good, The Bad, the Ugly, and What to Do in the Future</b> <i>Real-World Applications</i> David Harness and Scott Warnke United States Military Academy</p>	<p><b>Power Creep and the Collapse of the Roman Republic: Using Math as an Interdisciplinary Lens to Understand History</b> <i>Real-World Applications</i> Jordan Slavik University of Maryland</p>	<p><b>Teaching Functions by Collecting Data with Vernier Sensors</b> <i>Real-World Applications</i> Suzanne Sumner University of Mary Washington Preston Ailor University of Mary Washington</p>	<p><b>How (NOT) to Make and Grade Discovery-Learning Assessments</b> <i>Real-World Applications</i> Kristin Arney, Lisa Bromberg and Sarah Wohlberg United States Military Academy</p>
SALON O	<p><b>Improving Learning Outcomes with Math Based Courseware Technology</b> <i>Pedagogy</i> Andrew Rourke Maplesoft</p>	<p><b>Readiness Programs: Preparing Students for College in High School</b> <i>Pedagogy</i> John Squires Southern Regional Education Board</p>		<p><b>Using Interactive Songs to Increase Student Engagement and Learn Statistics</b> <i>Research</i> John Weber Perimeter College at Georgia State University</p>	<p><b>Creating Accessible Online Mathematics Lessons for Blind Students</b> <i>Pedagogy</i> Scott Randby The University of Akron</p>	<p><b>Interactive Applets with Shiny from RStudio®</b> <i>Pedagogy</i> Matthew Mogensen United States Army</p>	<p><b>GeoGebra, Photography, and Picture Books: A Means to End Math Anxiety</b> <i>Pedagogy</i> Joseph Furner Florida Atlantic University</p>	<p><b>CALL for an Alternative to Corequisite Models</b> <i>Pedagogy</i> Kim Walters Mississippi State University</p>	<p><b>Using Office Mix™ for Success in Online Courses</b> <i>Pedagogy</i> William Tschume Mississippi State University</p>