

# Virtual Sessions

Before Calculus	Beyond Calculus	Calculus	Corequisite	Math Education / Teacher Prep	MyLab Math & Statistics	Pedagogy, Assessment & Research	Quantitative Reasoning	Real World Applications	Statistics	Teaching Math Online
<b>Transitional Math: The Next Frontier in Developmental Math Reform</b> Kathleen Almy Northern Illinois University	<b>Video Design and Creation Using MyLab Math for a Differential Equations Course and Text</b> David Calvis Baldwin Wallace University	<b>Polynomials, Roots, and Critical Points: A Complex Relationship</b> Eric Schulz Walla Walla Community College	<b>Integrating Study Skills: Helping Students Learn How to Learn</b> Alvina Atkinson Lee Ann Roberts D. Natasha Brewley Sarah Park Georgia Gwinnett College	<b>Promote Equity: Save Your Students \$150 on Graphing Calculators Using ClassCals Free Graphing and Statistics Calculator</b> Daniel Haleem ClassCalc / YULA	<b>Using MyLab Stats and StatCrunch</b> Bonnie Rosenblatt Pearson	<b>Inclusive Access: Instant Gratification for Students and Instructors</b> Bridgette Myers Stanly Community College	<b>Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics</b> Eric Gaze Bowdoin College	<b>Teaching Math with GeoGebra while Developing a Passion for Photography</b> Joseph Furner Florida Atlantic University Carol Marinas Barry University	<b>Simulations to Show the Beauty and Robustness of the CLT and Classical Inference</b> Bernhard Klingenberg Williams College	<b>Motivating and Engaging Online Students</b> Christina Thompson Angi Agocs Kristine Buddemeyer Seminole State College
<b>Interactive Precalculus and Calculus eXtents in the Cloud</b> Eric Schulz Walla Walla Community College	<b>Solving Diophantine Equations by Excel</b> Nadeem Aslam Florida International University Jay Villanueva University of Miami	<b>Using CAS Technology and Counterexamples to Alleviate Misconceptions in Calculus</b> Jay Schiffman Rowan University	<b>Re-Envisioning Precalculus for Corequisites: How to Be the Fairy Godmother, Not the Evil Stepmother</b> Kelly Lowman Tracy Zanolini Rowan-Cabarrus Community College	<b>Integrative Learning in College Algebra</b> Rachid Ait Maalem Lahcen Ram Mohapatra University of Central Florida	<b>Creating Engaged Learning Using the Math Emporium Model</b> Kathy Cousins-Cooper North Carolina Agricultural and Technical State University	<b>Service Learning in Mathematics</b> Kimberly Bennekin Georgia State University	<b>You Can "Count" On Me! A Counting Strategy for Undergraduates</b> Scott Demsky Broward College	<b>Rocket Science with Kerbal Space Program</b> Christopher Scott Vaughen Montgomery County Community College	<b>Threading Real Data Throughout Intro Stats</b> Michael Sullivan Joliet Junior College	<b>Lights, Camera... ACTION! iPad Pro + Notability + iMovie = Oscar Winning Classes!</b> Shannon Myers MiraCosta College
<b>Fostering Students' Modeling Activities in a College Algebra Class</b> Viktoria Lanier Middle Georgia State University	<b>Impossible Constructions in Geometry and Why</b> Jay Villanueva University of Miami	<b>What I Really Learned About Hybrid Calculus Class - Pros &amp; Cons</b> Filiz Dogru Grand Valley State University	<b>Developing "Student Skills" in Corequisite Support Courses</b> George Woodbury College of the Sequoias	<b>The Myth of the Digital Native</b> Joshua Hovis Mid America Nazarene University	<b>Teaching Corequisite Courses with MyLab Math and Statistics</b> Calandra Davis Pearson	<b>Education in the Age of Google</b> Amy Bell Central Carolina Technical College	<b>Transitional Math: The Next Frontier in Developmental Math Reform</b> Kathleen Almy Northern Illinois University	<b>Creating Mathematical Mobile App in Project Based Learning PreCalculus</b> Fan Chen Adrian Delgado El Paso Community College	<b>StatCrunch: Beyond the Basics!</b> Carrie Grant Flagler College	<b>It Takes Two: Online Success for Students and Teachers</b> Brian Rickard University of Arkansas
<b>Using Virtual Lab To Enhance Student Learning</b> Rabia Shahbaz Vinayte Kokil Georgia Gwinnett College	<b>Polynomials, Roots, and Critical Points: A Complex Relationship</b> Eric Schulz Walla Walla Community College	<b>Helping Students Maintain Calculus Skills Over School Breaks</b> Carla van de Sande Arizona State University	<b>Using Cooperative Learning Groups in Calculus II Corequisite Labs</b> Bette Catherine Putnam Delta State University	<b>Using Instructor-Created Videos to Teach Mathematics for Elementary Teachers</b> Thomas Klein Marshall University	<b>Teaching Successful Online Math Courses</b> Calandra Davis Pearson	<b>Recreating a Finite Hybrid Classroom using High Tech/High Touch</b> Roneet Merkin Florida International University	<b>StatCrunch: Beyond the Basics!</b> Carrie Grant Flagler College	<b>Robotics for ALL Students - Helping to Learn Math</b> Jerome Caldwell University of Wisconsin, River Falls	<b>Enhance Students' (On-Line) Statistics Learning Experience with Open-Source RStudio</b> Ryan Rahrig Nancy Livingston Western New Mexico University	<b>Zoom to Infinity and Beyond the Classroom with Webcasting</b> Debbie Youse Ivy Tech Community College, Fort Wayne
<b>Achieving through Technology: College Math Remediation in High School</b> Vickie Mellons Nellie McCollum Janet Chandler College System of Tennessee	<b>Using CAS Technology and Counterexamples to Alleviate Misconceptions in Calculus</b> Jay Schiffman Rowan University	<b>Web-Based Audience Response Systems for Student's Engagement in the Math Classroom</b> Viktoria Savatorova Central Connecticut State University Aleksel Talonov Kathlyn Cox University of Nevada Las Vegas	<b>CALL for Pilot to Corequisite</b> Kimberly Walters Mississippi State University	<b>What Happens When Students Write Mathematics?</b> Minsu Kim University of North Georgia, Gainesville	<b>Creating a Course: Results by Design</b> Calandra Davis Pearson	<b>Developmental Mathematics: Should it Stay or Should it Go?</b> Christina C Northern Arizona University	<b>Recreating a Finite Hybrid Classroom using High Tech/High Touch</b> Roneet Merkin Florida International University	<b>The Mars Baja 100: The Quarter-Car Model in Space (Second Order Differential Equations)</b> Sean Griffin United States Military Academy	<b>Statistics Projects Using RStudio: Getting Students Actively Involved in Learning</b> Marsha Davis Eastern Connecticut State University	<b>An Introduction to Producing Mathematics Instructional Videos: Tools and Tricks Part 1</b> Clayton Kitchings University of North Georgia
<b>Developmental Mathematics, Teaching Math Online</b> Rachel Huffnagel Ziyi Chen Mamunur Rashid DePauw University Jyotirmoy Sarkar Indiana University - Purdue University Indianapolis	<b>Finding Complex Zeros Using zMap: a Visual Algorithm</b> Bert Wachsmuth Seton Hall University	<b>Using Cooperative Learning Groups in Calculus II Corequisite Labs</b> Bette Catherine Putnam Delta State University	<b>From Mass Production to Mass Personalization: An Adaptive Approach to Algebra</b> Dale Johnson Chandran Banerjee Arizona State University	<b>Fostering Students' Modeling Activities in a College Algebra Class</b> Viktoria Lanier Middle Georgia State University	<b>Personalizing the Student Learning Experience</b> Diane Hollister Pearson	<b>Using Technology as a Pathway Towards Equity, Diversity, and Inclusion</b> Sarah Greenwood Jill Thomley Appalachian State University	<b>What's the Meaning of This? Exploring QR Concepts Using Excel</b> Lee Ann Roberts Sarah Park Alvina Atkinson Georgia Gwinnett College	<b>Introduction to Using Space Exploration to Engage and Excite Students in Undergraduate Mathematics Classes</b> Marianna Bonanome New York City College of Technology CUNY Frank Wattenberg United States Military Academy	<b>Enhancing a Probability Theory Course Using R</b> Keri Everett Dyersburg State Community College	<b>An Introduction to Producing Mathematics Instructional Videos: Tools and Tricks Part 2</b> Thomas Hartfield University of North Georgia, Gainesville
<b>CALL for Pilot to Corequisite</b> Kimberly Walters Mississippi State University	<b>Python and Open-Source Materials in a Discrete Mathematics Course</b> Kathy Pinzon Mohamed Jamalodeen Joshua Roberts Sebastien Siva Daniel Prigel Georgia Gwinnett College	<b>Rocket Science with Kerbal Space Program</b> Christopher Scott Vaughen Montgomery County Community College	<b>Using Videos to Build Growth Mindsets in a Mathematics Corequisite Classroom</b> Tonya DeGeorge Katharine Pinzon Georgia Gwinnett College	<b>Solving Diophantine Equations by Excel</b> Nadeem Aslam Florida International University Jay Villanueva University of Miami	<b>Custom Question Builder - The Basics</b> Diane Hollister Pearson	<b>Multiple-Representations - Making Math Connections</b> Karen Greenhaus Drexel University	<b>Educating for Equity: Engaging Non-STEM Majors in Mathematics</b> Nikita Patterson Georgia State University	<b>Discovering Kepler's Third Law from Planetary Data: Fitting a Power Model and Using Regression Modeling with Desmos and R</b> Boyan Kastadinov Satyanand Singh New York City College of Technology CUNY	<b>A Math QR Trail</b> Keri Everett Dyersburg State Community College	<b>Virtual Reality Learning Management System</b> Marwan Shaban Steven Zimmerman Christopher Lorsche Seminole State College
<b>Semi-Flipped: Small Steps With Underprepared Students</b> Regina Bobak Bloomsburg University of Pennsylvania	<b>Implementing Solutions of Equations in One Variable Using Maple and Excel</b> Ramaier Sriram Somasundaram Velumyylum Clajfin University	<b>Promote Equity: Save Your Students \$150 on Graphing Calculators Using ClassCals Free Graphing and Statistics Calculator</b> Daniel Haleem ClassCalc / YULA	<b>Cooperative Learning and Online Assessments</b> Bette Catherine Putnam Delta State University	<b>Can We Talk? Using Technology to Encourage Communication</b> Lisa Lister Bloomsburg University	<b>Using Learning Catalytics</b> Aaron Warnock Pearson	<b>Project-Based Undergraduate Research Initiatives in Mathematics</b> Bathi Kasturiarachi Kent State University, Stark	<b>Turning Your Classroom Into a Multiplayer Game in Which Students Learn Math by Preparing for and Going on Space-Related Quests</b> Frank Wattenberg CDT Denali Jackson United States Military Academy	<b>Exploring Volumes with GeoGebra Dissection Models</b> Thomas Cooper University of North Georgia	<b>Interactive Precalculus and Calculus eXtents in the Cloud</b> Eric Schulz Walla Walla Community College	
<b>Zoom to Infinity and Beyond the Classroom with Webcasting</b> Debbie Youse Ivy Tech Community College, Fort Wayne	<b>The Mars Baja 100: The Quarter-Car Model in Space (Second Order Differential Equations)</b> Sean Griffin United States Military Academy	<b>Teaching Corequisite Courses with MyLab Math and Statistics</b> Calandra Davis Pearson	<b>Entrepreneurship in Mathematics Here at ICTCM 2020</b> Robert Strozak Angela Blanch McKayla Hagerty Magdalene Hull Justin Williams Old Dominion University	<b>Best Practices for Managing Assignments</b> Aaron Warnock Pearson	<b>Using Technology to Strengthen Relational Concepts--A Series of Simple Assignments</b> Sam Butler Metropolitan Community College of Nebraska, Millard South High	<b>Mathematical and Scientific Investigations Using Smart Phones/Tablets</b> Leona Mirza Linda Vick North Park University	<b>Using MyLab Stats and StatCrunch</b> Bonnie Rosenblatt Pearson	<b>Teaching Successful Online Math Courses</b> Calandra Davis Pearson		
<b>From Mass Production to Mass Personalization: An Adaptive Approach to Algebra</b> Dale Johnson Chandran Banerjee Arizona State University	<b>Lagrange Multipliers and the Calculus of Variations in Video Games</b> Paul Bouthellier University of Pittsburgh, Titusville	<b>Creating a Course: Results by Design</b> Calandra Davis Pearson	<b>Engaging TPACK to Change How Future Teachers View Mathematics</b> David Grollmund Colorado State University, Pueblo	<b>Teaching Corequisite Courses with MyLab Math and Statistics</b> Diane Hollister Pearson	<b>An Interdisciplinary Undergraduate Research Project in Electric Power I: Analytical Techniques</b> Jeong-Mi Toom Weining Feng University of Houston, Downtown	<b>Playgrounds for Exploring Mathematics and the Exploration of Space based on a Variety of Different Software Systems.</b> Kenneth Parker New York City College of Technology CUNY Frank Wattenberg United States Military Academy	<b>Developmental Mathematics, Teaching Math Online</b> Rachel Huffnagel Ziyi Chen Mamunur Rashid DePauw University Jyotirmoy Sarkar Indiana University - Purdue University Indianapolis	<b>Personalizing the Student Learning Experience</b> Diane Hollister Pearson		
<b>Integrative Learning in College Algebra</b> Rachid Ait Maalem Lahcen Ram Mohapatra University of Central Florida	<b>Designing a Technology-Rich Applied Calculus Course</b> Katharine Fisher The University of Toledo	<b>Teaching Corequisite Courses with MyLab Math and Statistics</b> Diane Hollister Pearson	<b>Educational Materials on Calculus which Bridge Mathematics and Engineering</b> Satoru Takagi Waseda University Kesyayoshi Hadano Kyushu Sangyo University Sei-ichi Yamaguchi Rikkyo University	<b>Semi-Flipped: Small Steps With Underprepared Students</b> Regina Bobak Bloomsburg University of Pennsylvania	<b>Exploring the "Reverse" Lucas Sequence 3,1,4,5,9...</b> Jay Schiffman Rowan University	<b>Utilizing Technology, Mathematics, and Statistics towards Citizenship Education</b> Brian Beaudrie Northern Arizona University	<b>A Different Approach to Homework(s) in the Introductory Statistics Course</b> Martin Weissman Essex County College	<b>Custom Question Builder - The Basics</b> Diane Hollister Pearson		
<b>Creating Mathematical Mobile App in Project Based Learning PreCalculus</b> Fan Chen Adrian Delgado El Paso Community College	<b>Maple Programming in Approximating Zeros of Differentiable Functions With Desired Accuracy</b> Somasundaram Velumyylum Rajananthini Velumyylum Clajfin University	<b>Corequisite Journey -- Time to Learn &amp; Share!</b> Mari Menard Lone Star College, Kingwood	<b>Using MyLab Tools to Encourage Student Success</b> Diane Hollister Pearson	<b>Motivating and Engaging Online Students</b> Christina Thompson Angi Agocs Kristine Buddemeyer Seminole State College	<b>Spreadsheets for Quantitative Reasoning: An Excel-lent Way to Engage Your Students with Mathematics</b> Eric Gaze Bowdoin College	<b>The Mighty Mini Document Camera!</b> Suzanne Sumner University of Mary Washington	<b>Using Learning Catalytics</b> Aaron Warnock Pearson			
<b>Cooperative Learning and Online Assessments</b> Bette Catherine Putnam Delta State University	<b>Finding Complex Zeros Using zMap: a Visual Algorithm</b> Bert Wachsmuth Seton Hall University	<b>Developmental Mathematics: Should it Stay or Should it Go?</b> Christina C Northern Arizona University	<b>Corequisite Journey -- Time to Learn &amp; Share!</b> Mari Menard Lone Star College, Kingwood	<b>Helping Students Maintain Calculus Skills Over School Breaks</b> Carla van de Sande Arizona State University	<b>Threading Real Data Throughout Intro Stats</b> Michael Sullivan Joliet Junior College	<b>Tips, Tools, and Techniques That Can Help Students in a 2f or Online Statistics Class Focus, Increase Their Productivity, and Reduce Their Stress</b> Dr. Ali Ahmad Doña Ana Community College & New Mexico State University	<b>Best Practices for Managing Assignments</b> Aaron Warnock Pearson			
<b>Reduced Lecture Time Improves Student Success Rates</b> John Burke University of New Mexico	<b>Can We Talk? Using Technology to Encourage Communication</b> Lisa Lister Bloomsburg University	<b>These Are a Few of My Favorite Things About MyLab Math</b> Kimberly Walters, Robert Bank, Jacob Tschume Mississippi State University	<b>Impossible Constructions in Geometry and Why</b> Jay Villanueva University of Miami	<b>Using MyLab Tools to Encourage Student Success</b> Diane Hollister Pearson	<b>Statistics Projects Using RStudio: Getting Students Actively Involved in Learning</b> Marsha Davis Eastern Connecticut State University	<b>The Central Limit Theorem-What Sample Size is Needed?</b> Paul Bouthellier University of Pittsburgh, Titusville	<b>Using MyLab Tools to Encourage Student Success</b> Diane Hollister Pearson			
	<b>3-D Printing Adventures with Mathematica and OpenScad</b> Knarik Tunyan Purchase College, SUNY			<b>Easy Customizing of Publisher Questions</b> Gwen Terwilliger University of Toledo	<b>Virtual Reality Learning Management System</b> Marwan Shaban Steven Zimmerman Christopher Lorsche Seminole State College	<b>How Learning Catalytics Changed My Mind About Using Smart Devices in the Classroom</b> Heather Manhart Campbell University	<b>These Are a Few of My Favorite Things About MyLab Math</b> Kimberly Walters Robert Bank Jacob Tschume Mississippi State University			
	<b>Educational Materials on Calculus which Bridge Mathematics and Engineering</b> Satoru Takagi Waseda University Kesyayoshi Hadano Kyushu Sangyo University Sei-ichi Yamaguchi Rikkyo University			<b>You Can "Count" On Me! A Counting Strategy for Undergraduates</b> Scott Demsky Broward College	<b>Problem Posing and Technology: A Synthesis of Research</b> Clayton Kitchings University of North Georgia	<b>Enhance Students' (On-Line) Statistics Learning Experience with Open-Source RStudio</b> Nancy Livingston Western New Mexico University				
				<b>Video Design and Creation Using MyLab Math for a Differential Equations Course and Text</b> David Calvis Baldwin Wallace University	<b>Using Technology to Engage Undergraduate Students in Network Science Research</b> Megan Heenehan Garrett Dancik Eastern Connecticut State University	<b>Lagrange Multipliers and the Calculus of Variations in Video Games</b> Paul Bouthellier University of Pittsburgh, Titusville	<b>A Unified Introduction to Predictive Model Building for Undergraduate Researchers</b> Hashikha Rupsinghe Lasanthi Watagoda Appalachian State University	<b>What I Really Learned About Hybrid Calculus Class - Pros &amp; Cons</b> Filiz Dogru Grand Valley State University		
				<b>How Learning Catalytics Changed My Mind About Using Smart Devices in the Classroom</b> Heather Manhart Campbell University	<b>Reduced Lecture Time Improves Student Success Rates</b> John Burke University of New Mexico	<b>Assessing for Now and for Later</b> Rodica Cazacu Georgia College	<b>Web-Based Audience Response Systems for Student's Engagement in the Math Classroom</b> Viktoria Savatorova Central Connecticut State University Aleksel Talonov Kathlyn Cox University of Nevada Las Vegas			
					<b>Creating Mathematics Videos Using an iPad Pro and Explain Everything to Flip the Classroom</b> Cathy Frey Norwich University	<b>Using Technology to Engage Undergraduate Students in Network Science Research</b> Megan Heenehan Garrett Dancik Eastern Connecticut State University	<b>The Myth of the Digital Native</b> Joshua Hovis Mid America Nazarene University			
					<b>Engaging TPACK to Change How Future Teachers View Mathematics</b> David Grollmund Colorado State University, Pueblo	<b>Give Us a Break!</b> Francesco Strazzullo Reinhardt University	<b>Service Learning in Mathematics</b> Kimberly Bennekin Georgia State University			
						<b>Python and Open-Source Materials in a Discrete Mathematics Course</b> Kathy Pinzon Mohamed Jamalodeen Joshua Roberts Sebastien Siva Daniel Prigel Georgia Gwinnett College	<b>Education in the Age of Google</b> Amy Bell Central Carolina Technical College			
						<b>Educating for Equity: Engaging Non-STEM Majors in Mathematics</b> Nikita Patterson Georgia State University	<b>A Different Approach to Homework(s) in the Introductory Statistics Course</b> Martin Weissman Essex County College			
							<b>Designing a Technology-Rich Applied Calculus Course</b> Katharine Fisher The University of Toledo			
							<b>Creating Video Lectures and Uploading them to your YouTube Channel</b> Eric Hutchinson College of Southern Nevada			