

Kansas City Mathematics Technology EXPO 2018 – Friday, October 5, 2018

	Haag 2 nd & 3 rd floor Lobbies	Haag 301	Haag 312	Haag 313	Haag 201
8:00 – 8:30	Registration-3 rd , Exhibitors-2 nd &3 rd				
Session 1 8:30 – 9:50	Registration-3 rd , Exhibitors-2 nd &3 rd	1A. Keynote Address: Andersen <i>Taking the Algebra Out of College Algebra</i>			
Session 2 10:00 – 10:45	Registration-3 rd , Exhibitors-2 nd &3 rd	2A. Huffman <i>Teaching a Course on Mathematics in Computer Graphics Using Ray Tracing Software</i>	2B. Strasser <i>Engaging Students With Augmented Reality</i>	2C. Cooper <i>The Erlanger (Distance) Programm--Symmetry Online</i>	2D. Crinere <i>Real Time Feedback using Socrative</i>
Session 3	Registration-3 rd , Exhibitors-2 nd &3 rd	Visit with our Exhibitors in Haag 2nd/3rd Floor Lobbies 10:45 – 11:30			
Session 4 11:30 – 12:15	Registration-3 rd , Exhibitors-2 nd &3 rd 4A. Linda Hall Library – leave from 2 nd floor Haag lobby	4B. Lightning Talks • Karber – <i>Creating Mathematical Videos</i> • Wiley – <i>Voice-Over Powerpoint Assignments</i> • Mahoney – <i>Introduction to Overleaf</i>	4C. Hollenbeck & Shi <i>3D Modeling and Printing Projects in College Mathematics Courses</i>	4D. Geyer and Rooke <i>Empowering Curriculum Design in Math with Modern Adaptive Technologies and Data-Driven Insights [Knewton Education]</i>	4E. Weber <i>The Desmos Classroom Activities Interface for Teachers</i>
Lunch 12:15 – 1:30	Registration-3 rd , Exhibitors-2 nd &3 rd	The Math EXPO Lunch – Swinney Gym North Lobby			
Session 5 1:30 – 2:15	Registration-3 rd until 2:00 pm, Exhibitors-2 nd &3 rd	5A. Andersen <i>Learning Math is Not a Spectator Sport</i> <i>[Workshop 1:30-3:15]</i>	5B. Haverhals <i>Alternate Models of Infectious Diseases with Excel and NetLogo</i>	5C. McCoskey <i>Using Sofia to Prepare Students for Success in Higher Mathematics Courses</i>	5D. Mahoney <i>Desmos Workshop for All Levels</i> <i>[Workshop 1:30-3:15]</i>
Session 6 2:30 – 3:15	Exhibitors-2 nd &3 rd	6A. Andersen <i>Learning Math is Not a Spectator Sport (cont.)</i>	6B. Talamo <i>Enhancing First Year Calculus Education With Ximera</i>	6C. Ewing <i>Creating Computer and Mobile Mini-lessons 101</i>	6D. Mahoney <i>Desmos Workshop (cont.)</i>
Post Session (PS) 3:30	PS A. Linda Hall Library – leave from 2 nd floor Haag lobby	PS B. Chamberlin & Rafizadeh MAA-MO Project NExT Meeting	PS C. KAMATYC Meeting	PS D. MOMATYC Meeting	

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8:00 – 8:30	Registration-3 rd , Exhibitors-2 nd &3 rd				
Session 7 8:30 – 9:50	Registration-3 rd , Exhibitors-2 nd &3 rd	7A. Invited Address: Davis <i>Learning Beyond Barriers: Authentic Connections that Inspire Hope, Community, and Creativity</i>			
Session 8 10:00 – 10:45	Registration-3 rd until 11:00 am, Exhibitors 2 nd &3 rd	8A. Expo Group <i>A Discussion of the Future of the Math Tech Expo</i>	8B. Parker <i>Leveraging the WeBWork Platform for Inquiry-Based Learning</i> <i>[10 – 11:45 Workshop]</i>	8C. Chang <i>Engaging Students in Online and Face-to-Face Courses using Plicker, Google Form, StatCrunch, etc.</i>	
Session 9 11:00 – 11:45	Exhibitors 2 nd &3 rd	9A. Akers <i>An Introduction to the Ipe Graphics Editor</i>	9B. Parker <i>WeBWork Workshop (cont.)</i>	9C. Young <i>Linear Programing, Conics, Piecewise Functions, & Parent Functions, Using Casio Calculators</i>	
Lunch 11:45 – 1:00	<p>The Math EXPO Lunch and Brainstorming Session</p> <p><i>Topic: Cognitive Load</i></p> <p><i>New technologies we use with our students add to the cognitive load of both instructors and students. Join your colleagues for a discussion of our experiences with technology and cognitive load.</i></p> <p>in Haag Hall Room 301</p>				