



## 2017 Program Schedule

<b>8:00 - 9:00</b>	Conference Check-In	
<b>8:30 - 8:45</b>	<b>Conference Welcome</b> <b>Welcome &amp; Conference Overview</b> Melissa Dagley	<b>Key West Ballroom, Student Union Room 218</b>  Executive Director, iSTEM
<b>9:00 - 10:10</b>	<b>Session One: Industry Panel: Overview regarding the importance of STEM and preparation of the future workforce</b>	
	9:00 Session Moderator: Jim Clamons	Retired, Central Florida STEM Education Council
	9:05 Elaine Schomburg-LaFleur	Project Manager, Walt Disney World
	9:15 Dr. David Metcalf	Researcher, UCF Institute for Simulation and Training
	9:25 Dr. Patrick Simpkins	Director of Engineering, NASA Kennedy Space Center
	9:35 Dr. Lee Mangold	Vice President, Florida Cyber Alliance
	9:45 Moderator to entertain questions from the audience and the panel	
<b>10:20 - 11:10</b>	<b>Session Two: Concurrent Workshop Sessions</b>	
<b>Location</b>	<b>Track</b>	
SU 218	M, EMH	<b>Creating and Utilizing 3 Act Tasks</b> Jaclyn Myers Teacher, Indian Trails Middle School
SU 221	S, EMH	<b>From Student Ocean Current Drifters to Student Atmospheric Circulation Miniboats</b> George Bartuska Science Teacher, Kathleen High School
SU 223	S, M	<b>The Florida Aquifer, Lakes and Sinkholes</b> Laura Schendel Outdoor Educator, Ecological Classroom Outdoors LLC
SU 224	T, E	<b>Robotics in the Elementary Classroom</b> Amy Trujillo Assistant Principal, Osceola Science Charter School
SU 316AB	M, MH	<b>Access and Opportunity in STEM for Minority and Low-Income Students</b> Nicole Bronson and Brian Agard Calculus Project Lead, Orange County Public Schools
SU 316CD	E, E	<b>STEM Centers for K-5</b> Mallory Young STEM Teacher, Osceola Science Charter School
<b>11:20 - 12:10</b>	<b>Session Three: Concurrent Workshop Sessions</b>	
SU 220	T, H	<b>The Toothpick Factory (TPF) is Hiring! - A Soft Skills Simulation Game</b> Danielly Orozco and Jesse Kokotek Associated Director and Curriculum Coordinator, FLATE
SU 221	E, MH	<b>Enduring Effect of Project Based Learning</b> Abdul Siddiqui Systems Engineer, US Army PEO STRI
SU 223	S, E	<b>Mad Science: Making STEM Edu-taining!</b> Kylie Koscoe Chief Mad Scientist, Mad Science of NE Central Florida
SU 224	T, E	<b>Robots: Easy Application for Cross Curricula Integration</b> JoAnn Archer and Lynda Roche Teachers, Stenstrom Elementary School
SU 316AB	E, EM	<b>Expanding Engineering Education in K-8</b> Larry Plank and Joseph Simmons Director of K-12 STEM Education and K-12 STEM Coordinator, Hillsborough County Public Schools
SU 316CD	S, EMH	<b>Creative Ways to Integrate College and Career Readiness Activities into your K-12 Classroom Curriculum</b> Dr. Stacy Van Horn Faculty & School Counseling Coordinator, University of Central Florida Christopher Belser Doctoral Student, Counselor Education Program at the University of Central Florida
<b>12:10 - 12:55</b>	<b>Lunch</b> <b>Key West Ballroom, Student Union Room 218</b>	

<b>Track Key: STEM Discipline, Grade Level</b>	STEM Disciplines:	S = Science T = Technology E = Engineering M = Mathematics	Grade Level:	E = Elementary (K-5) M = Middle (6-8) H = High (9-12)
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<b>1:05 - 1:55</b>		<b>Session Four: Concurrent Workshop Sessions</b>	
SU 218	E, M	<b>Simulation as Supplementation</b> Peter McCormick	STEM Teacher, Corner Lake Middle School
SU 221	T, E	<b>Lessons Learned: Integrating Computer Science into the Elementary Day</b> Dr. Lisa Milenkovic Annmargareth Marousky and Debra Kelly Thomas	STEM+Computer Science Curriculum Supervisor, Broward County Public Schools Computer Science Instructional Specialists, Broward County Public Schools
SU 223	S, H	<b>Ocean Profile Sampling and Graphing</b> Rosemary Rizzo	Marine Science Teacher, New Smyrna Beach High School
SU 224	S, EM	<b>Circuit Bugs: An Investigation in the Flow of Electricity</b> Michelle Roberts Denise Touchberry	STEM Teacher, Manatee County Schools Engineering Lab Teacher, McNeal Elementary School
SU 316AB	S, EM	<b>Integrative STEM Lesson Planning</b> Christine Danger	STEM Coordinator, Hillsborough County Public Schools
SU 316CD	S, H	<b>Seeing the World of the Very Small or Finding the Ocean Depths</b> John Clark	Physics Teacher, Deltona High School
<b>2:05 - 2:55</b>		<b>Session Five: Concurrent Workshop Sessions</b>	
SU 218	E, E	<b>Take an Engineering Adventure</b> Nicole Rivera	Education Specialist: Curriculum and Instruction, Orlando Science Center
SU 221	E, E	<b>Engineering Across the Curriculum</b> Rachel Knight	Instructional Coach, Orlando Science Elementary
SU 223	E, E	<b>Teaching Radio, Electricity, and Electronics via Audio Gaming</b> Walter Legan	P. E. (Retired), Flying Stars Mentoring
SU 224	E, E	<b>Natural Designs Using Biomimicry</b> Mary Lynn Hess	K-5 STEM Resource Teacher, Goldsboro Elementary Magnet School
SU 316AB	E, M	<b>Develop Your Own STEM Lesson</b> Michael Clark	STEM Teacher & CTE Program Assistant, Volusia County Schools
SU 316CD	E, MH	<b>More Than Your average Engineering Design Challenge - How Science and Math Make it Happen!</b> Jennifer Borges and Letizia Branz	STEM Program Specialist and Secondary Math Program Specialist, Orange County Public Schools
<b>3:00 - 3:15</b>		<b>Close of Conference</b> Evaluation Form Thank You	<b>Key West Ballroom, Student Union Room 218</b>

## Student Union 2nd and 3rd Floor Maps

