



2020 Program Schedule

8:00 - 8:30	Conference Check-In	
8:30 - 8:55	Conference Welcome Welcome & Conference Overview Dr. Melissa Dagley Andy Cummings	Key West Ballroom, Student Union Room 218 Executive Director, iSTEM Chair, Florida Engineering Foundation Senior Vice President, Connelly & Wicker Inc.
9:00 - 10:10	Industry Panel: Overview regarding the importance of STEM and preparation of the future workforce 9:00 Session Moderator: Carol Ann Dykes Logue 9:05 Kevin Carpenter 9:15 Sam Haddad 9:25 Nathan Arndt 9:35 Gordon Shupe 9:45 Moderator to entertain questions from the audience and the panel	
10:20 - 11:10	Session One: Concurrent Workshop Sessions	
Location	Track	
SU 220	E, EMH	Help Girls Change the World with STEM Carol Unterreiner and Luci Coker Teacher and Magnet Facilitator, Milwee Middle School
SU 221	E, E	Engineer a Bird Feeder: STEM Inquiry and Problem Based Learning Mary Lynn Hess K-5 STEM Resource Teacher, Goldboro Elementary Magnet School
SU 223	S, H	ECOPLY Ronald Sandrin-Litt Teacher, Richard Milburn Academy
SU 224	M, E	A STEAM Exploration of Tiny Homes for the Homeless Daniel Edelen and Dr. Sarah Bush Doctoral Student and Associate Professor of K-12 STEM Education, University of Central Florida
SU 316A	T, EMH	Plugging In to Computer Science Educator Professional Development Emily Beth Langley Education Specialist: Curriculum and Instruction, Orlando Science Center
SU 316B	S, MH	Harnessing the Energy of Waves: Visible Light Spectrum Humberto Rodriguez Regional Science Academic Coach, Polk County Public Schools
SU 316CD	E, EM	Robotics and NASA: Bringing Robots and Coding into the Classroom Dr. Samuel Garcia Education Specialist, NASA Kennedy Space Center
11:10 - 12:10	Lunch	
Student Union, John T. Washington Center, and Knights Plaza		
12:20 - 1:10	Session Two: Concurrent Workshop Sessions	
SU 220	T, E	Kindergarten Unplugged Colleen Strickland, Hannah Gomez, and Courtney Moreland Coordinator 6-12 Curriculum, Sumter District Schools Teachers, Webster Elementary School
SU 221	T, EMH	Podcasting: When You Want Them To Talk Erin Kiger Instructional Coach, Orlando Science Elementary School
SU 223	S, MH	Custom Jewelry Made by Electroplating Copper onto a Chemically Masked Alloy Dr. Matthew Traum Chief Executive Officer, Engineer Inc.
SU 224	E, E	"Building" Up Our Student Artists Kathryn Senkarik and Jennifer Jones Teacher and STREAM Coordinator, Resurrection Catholic School
SU 316A	S, EM	Ecological Indicators - Ask the Bugs Laura Schendel Outdoor Educator, Ecological Classroom Outdoors
SU 316B	M, MH	Let's Put Math and Science into Motion! Beth Smith Educational Technology Consultant, Texas Instruments
SU 316CD	E, EMH	NASA Commercial Crew Program Dr. Samuel Garcia Education Specialist, NASA Kennedy Space Center

Track Key: STEM Discipline, Grade Level	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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1:20-2:10		Session Three: Concurrent Workshop Sessions	
Location	Track		
SU 220	M, MH	Connecting Proportional Relationships, Rate of Change, Slope, and Volume Using Water Displacement and a Little ELA! Laura Bamberger	Teacher, Ormond Beach Middle School
SU 221	T, EMH	Reviewing Standards with Gimkit Amy Trujillo	Instructional Coach, Orlando Science Schools
SU 224	E, E	Engineer a Bird Feeder: STEM Inquiry and Problem Based Learning Mary Lynn Hess	K-5 STEM Resource Teacher, Goldboro Elementary Magnet School
SU 316A	E, MH	Engineering Design Process with Imagineering and 3D Design Nicole Spain	Robotics and Science Teacher, Indian Trails Middle School
SU 316B	E, E	Energy can be Elementary Rachel Knight	Teacher, Orlando Science Schools
SU 316CD	T, EMH	Cyber Security – The Dangers Everyone Should Be Aware Of Keith Coker	President, OrLANtech
2:20-3:10		Session Four: Concurrent Workshop Sessions	
SU 221	E, MH	Enduring Effect of Project Based Learning Abdul Siddiqui	Lead Systems Engineer - STEM Coordinator, US Army - PEO STRI
SU 224	S, M	SLAM: Science Leadership and Mentoring Dr. Anne Bubriski, Danielle Dickey, and Mariah Fermin	Coordinator/Lecturer, Program Manager, and Science Mentoring and Leadership Facilitator, University of Central Florida
SU 316A	M, EM	How To Guide Student Discourse to Inspire a Zeal for STEM Careers Sarah Porcenaluk and Jared Porcenaluk	Math Coach, Orange County Public Schools Senior Software Developer, Archer First Response Systems
SU 316B	E, E	The Science of Toys Lynda Roche and Jennefer Simmons	Teachers, Stenstrom Elementary School
SU 316CD	T, EMH	Engaging Youth in STEM Wendy Austin and Joyce Walters	Regional Director, FIRST FIRST Program Delivery Partner, Renaissance Central Florida
3:15		Close of Conference	
			Key West Ballroom, Student Union Room 218 Evaluation Form and Thank You

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Student Union 2nd and 3rd Floor Maps

