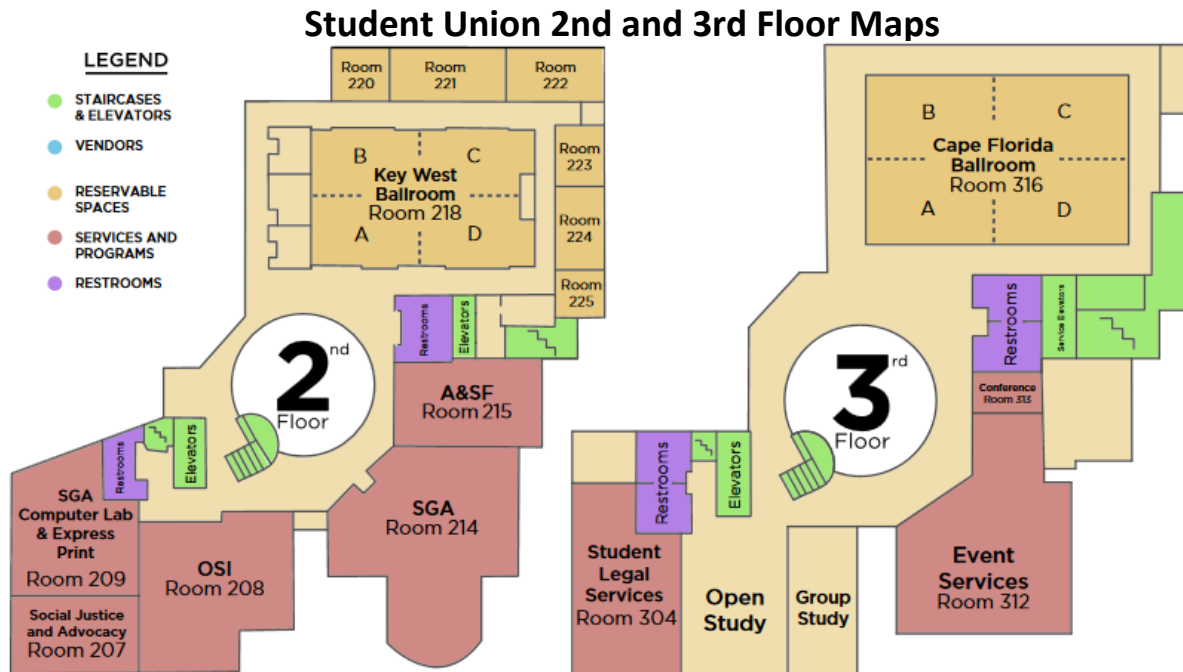




2018 Program Schedule

8:00 - 9:00		Conference Check-In	
8:30 - 8:45		Conference Welcome	Key West Ballroom, Student Union Room 218
		Welcome Dr. Michael Georgiopoulos	Dean, UCF College of Engineering and Computer Science
		Conference Overview Melissa Dagley	Executive Director, iSTEM
9:00 - 10:10		Session One: Industry Panel: Overview regarding the importance of STEM and preparation of the future workforce	
	9:00	Session Moderator: Jim Clamons	Vice President of Engineering (Retired), Harris Corporation
	9:05	Elaine Larsen	Race Car Driver and President, Larsen Motorsports
	9:15	Kristina Brink	Lead Education Specialist, NASA Kennedy Space Center
	9:25	Kevin Chapman	Senior Engineering Manager, Harris Corporation
	9:35	Jon Wachob	Co-Founder, Feynman Nano
	9:45	Moderator to entertain questions from the audience and the panel	
10:20 - 11:10		Session Two: Concurrent Workshop Sessions	
Location	Track		
SU 218	T, EMH	Virtual Field Trips in the Classroom with Google Expeditions Amy Trujillo	Instructional Coach, Orlando Science Schools
SU 220	E, MH	Flexible Conductors in High School Physics Chad Hobby	Teacher, Timber Creek High School
SU 221	E, MH	More Than Your Average Engineering Design Challenge - Science and Math in Motion! Letizia Branz and Jennifer Borges	Secondary Math Program Specialist and STEM Program Specialist, Orange County Public Schools
SU 223	S, H	Mentorship-Based Leadership: Creating a Collaborative Classroom Environment Robert Desi Rotenberg	Instructor, Apopka High School
SU 224	S, EM	Increase Your Lab Confidence Laura Schendel	Outdoor Educator/ Science Mentor, Ecological Classroom Outdoors
SU 316A	E, E	STEM is FUNdamental Danae Perry	Education Specialist, Orlando Science Center
SU 316B	S, M	Energy Carnival Kimberly Stalker and Melissa Szentmiklosi	Teachers, South Seminole Middle School
SU 316CD	T, EM	Micro:bit Madness Nicole Spain	Robotics Teacher, Indian Trails Middle School
11:20 - 12:10		Session Three: Concurrent Workshop Sessions	
SU 220	M, H	Learning Math and Physics Through Interactive Graphing Jim Ebbert	Teacher, DeLand High School
SU 221	S, E	Hydroponics in a Jug: "Lettuce" Excel Mary Lynn Hess and Rudy White	K-5 STEM Resource Teacher and Master Gardener Volunteer, Goldsboro Elementary Magnet School
SU 223	M, M	Orion Parachute System - Focus on the M in STEM Laura Bamberger	Mathematics Teacher, Volusia County Schools
SU 224	T, M	So, you think you can't code? A look into IOT Lauren Bracken	Science/Project Lead the Way Instructor, Ocoee Middle School
SU 316A	T, EMH	NASA Apps for the Classroom Dr. Lester Morales and Kristina Brink	Education Specialists, NASA Kennedy Space Center
SU 316B	E, E	Integrated STEM Learning Jennifer MacDonald and Heather Vickers	School Administration Manager and Math Instructional Coach, Hamilton Elementary School of Engineering and Technology
SU 316CD	S, EMH	Doing STEM is Not Adding to Your Plate! Amy Monahan	STEM Specialist, Volusia County Schools
12:10 - 1:10		Lunch: Industry Panel: Outreach programs for K-12 students	Key West Ballroom, Student Union Room 218
	12:30	Stephanie Fitzsimmons	K-12 STEM Education Programs Manager, Northrop Grumman Corporation
	12:35	Lester Morales	Education Specialist, NASA Kennedy Space Center
	12:40	Amanda Allen	Assistant Educational Manager, stemCONNECT: Florida High Tech Corridor
	12:45	Farrah Gerdvisheh and Kavyn Choe	Senior Engineer and Quality Manager, Siemens
	12:50	Moderator to entertain questions from the audience and the panel	

1:20-2:10		Session Four: Concurrent Workshop Sessions	
Location	Track		
SU 218	S, MH	Citizen Science & the Environment Laura Schendel	Outdoor Educator/ Science Mentor, Ecological Classroom Outdoors
SU 220	T, H	Logic Gates and Operators – Truth Tables and Maps – Binary Numbers Jim Ebbert	Teacher, DeLand High School
SU 221	EA, EM	Sound Energy Synergy Alicia Foy, PJ Duncan, and Jen Infinger	Content Specialists, Florida Department of Education
SU 223	E, E	Weathering STEM and Literacy Lynda Roche and Pamela Colton	Teachers, Seminole County Public Schools
SU 224	T, E	Can you Breakout.edu with Google? Missy Jones	STEAM & Digital Learning Coach, Seminole County Public Schools
SU 316A	T, M	Hardcore STEM for Hardcore Teachers Chris DeRosier and Sharron DeRosier	Media Specialist/Dean of STEM and Teacher, Volusia County Schools
SU 316B	S, E	Engineering for Elementary Life Science Michelle Roberts and Denise Touchberry	K-5 STEM Science Teacher and Engineering Teacher, Manatee County Schools
SU 316CD	E, MH	Teaching Physics Through Drone Technology Gustavo Junco and Marilyn Johnson	Instructional Specialist and Science Supervisor, Broward County Public Schools
2:20-3:10		Session Five: Concurrent Workshop Sessions	
SU 220	E, H	Linear Regression and Correlation for Environmental Sensor Calibration Jared Herretes	Teacher, Orange County Public Schools
SU 221	E, E	Extending Standards with STEM Activities Rachel Knight	Teacher, Orlando Science Elementary
SU 223	S, M	Exposing Students to Wireless Sensor Networks in the Middle School Classroom Jazmine Williams	Teacher, Orange County Public Schools
SU 224	E, M	Increasing Interest in STEM Careers with Engineering Designs Katherine Grady	Educator, Orange County Public Schools
SU 316A	T,E	Coding and Computational Thinking in the Elementary Classroom Tracy Miller, Alyson Hooker, Andrew Silbaugh, and Glenda Montgomery	Magnet TRST, Science Coach, and Teachers, Combee Academy of Design and Engineering
SU 316B	E, MH	Enduring Effect of Project Based Learning Abdul Siddiqui	Lead Systems Engineer, US Army PEO STRI
SU 316CD	S, EMH	Success STEMs from Great Lesson Planning Erica Sutula and Gabriela McConnell	Secondary Science Program Specialists, Orange County Public Schools
3:15 - 3:30		Close of Conference	
		Evaluation Form Thank You	Key West Ballroom, Student Union Room 218



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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