2015 Program Schedule

8:00 - 9:30  Registration

8:30 - 9:30  College Welcome & Keynotes  Key West Ballroom, 218
            Dean, UCF-CECS
            President, Florida Engineering Society
            Executive Director, iSTEM

8:30  Keynote Speaker
     8:45  Terry Hull
     9:25  Melissa Dagley

8:30 - 9:30  Conference Overview

9:40 - 10:50  Session One: Industry Panel: Overview regarding the importance of STEM and preparation of the future

9:40  Session Moderator: Jim Clamons
9:50  Dr. Daniel Lacks
10:00 Ruben Nunez
10:10 Mike Siemer
10:20 Dr. Kevin H. Smith

11:00 - 11:40  Session Two: Concurrent Sessions/Demonstrations

11:00 - 11:40  Location  Track
                SU 222  S, M  Engage Girls in STEM with SciGirls
                Shayla Mark  Founder & Executive Director, STEMchicks, Inc.

                SU 224  E, H  Enduring Effect of Project Based Learning
                Abdul Siddiqui  Software Engineer, US Army PEO STRI

                SU 223  T, M  Bringing Together the New Curriculum & Industry Using the Comprehension Instructional Sequence Model
                Danielly Orozco  Curriculum Coordinator, Florida Advanced Education Center - FLATE

                SU 220  E, E  Engineering STEMulating Experiences in the Garden
                Mary Lynn Hess & Michelle Pace  K-5 STEM Resource Teacher, Goldsboro Elementary Magnet School

                SU 218  S, EM  Intro to Solar Electricity (Photovoltaics)
                Susan T. Schleith  K-12 Education Program Leader, Florida Solar Energy Center

11:50 - 12:30  Session Three: Concurrent Sessions/Demonstrations

11:50 - 12:30  Location  Track
                SU 218  T, EMH  NASA K-12 Interactive Website for Classroom Use
                Dr. Lester Morales  NASA Education Professional Development Specialist, NASA Kennedy Space Center

                SU 223  E, M  Incorporating SECME Into Your Curriculum
                Carol Unterreiner  Teacher, Milwee Middle School

                SU 220  SM, M  What STEM Can Do in a Math and Science Classroom. Hands on Lessons for the Math and Science Classrooms
                Amy Monahan  STEM Teacher on Assignment, Volusia County Schools

                SU 224  E, E  A Lesson Plan on Oil Spill Solutions
                Sona Gholizadeh & Karim Alizad  PhD Student, UCF

                SU 222  E, E  Engineering is Elementary
                Jennifer Kinler  Education Specialist of Curriculum and Instruction, Orlando Science Center

Track Key:  STEM Discipline, Grade Level

STEM Disciplines:  S = Science  Grade Level:  E = Elementary (K-5)
                 T = Technology  M = Middle (6-8)
                 E = Engineering  H = High (9-12)
                 M = Mathematics
12:30 - 1:30  Lunch  
Heidi Brennan  Mathematics, Science, and STEM program Specialist, Florida Dept. of Education

1:45 - 2:25  Session Four: Concurrent Sessions/Demonstrations

**Location**  |  **Track**  |  **Session**  |  **Speaker**  |  **Affiliation**
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SU 218  |  E, EMH  |  Experience STEM With the Reach for the Stars ~ National Rocket Competition  |  Jack "The Rocketman" Colpas  |  Co-Director, Reach for the Stars - National Rocket Competition
SU 220  |  M, M  |  "When am I ever going to use this?" Making Math Meaningful Through STEM activities.  |  Alyssa Stagaard  |  Mathematics Teacher, Deltona Middle School
SU 223  |  E, EMH  |  Hello, Is It MEA You're Looking for?  |  Cristina Mrozek  |  District K-8 Curriculum Coach, TIF STEM Grant, Orange County Public Schools
SU 222  |  T, EM  |  The BYOD Classroom Guide: Leveraging the Power of Technology to Enhance Student Learning  |  Michelle Perez  |  CEO & Founder, The BYOD Classroom
SU 224  |  E, E  |  Experience PLTW Launch in Action  |  Lanny Wood & Norine Quire  |  Director of School Engagement, Project Lead the Way

2:35 - 3:15  Session Five: Concurrent Sessions/Demonstrations

**Location**  |  **Track**  |  **Session**  |  **Speaker**  |  **Affiliation**
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SU 224  |  S, EMH  |  Bringing Real World Weather Measurement Problems into the Classroom  |  George Bartuska  |  Teacher, Kathleen High School
SU 220  |  S, M  |  Creating an Engaging STEM Experience for 8th Grade Students and With Partners in Education  |  Stephanie Schnettler  |  K-12 STEM District Resource Teacher, Orange County Public Schools
SU218AB TE,EMH  |  |  The Maker Effect  |  Candy Cole & Jessica King  |  President & Vice President, The Maker Effect Foundation
SU 223  |  S, E  |  STEMMING OUT  |  John McHale  |  Principal, Deerwood Elementary School
SU218CD M, E  |  |  Hands on STEM Math Activities for K-2 Using LEGO  |  James C. Jones  |  Robotics Instructor, Trainer & Consultant, Ocoee High School & iBrick Academy

3:30 - 4:00  Close of Conference  
Melissa Dagley  Executive Director, iSTEM

Reflection and Planning for the Future  
Evaluation Form  
Thank You and Plans for FEEC 2016

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**Student Union - 2nd Floor Map**