

August 2015

## Get Involved!

- Register for the [DiSTI Duffer Charity Golf](#) Tournament on October 10th
- Visit CF STEM and other local STEM community organizations at the [I/ITSEC STEM Pavilion](#) November 30th –December 4th
- Nautique Boat Company partnered with MACF to provide local high school students an in-depth tour of their state-of-the-art factory on October 2nd
- Visit the [Maker Faire Orlando](#) on September 12th & 13th!



## Community Spotlight

FMI STEM Academy's Ribbon Cutting was a huge success on July 21st! [FMI STEM Academy](#) cultivates the development of academic persistence needed for both college-bound and technical career-bound high school students pursuing careers of degrees in STEM. This persistence is validated by attaining both college credits and in-demand industry certifications.

FMI STEM Academy focuses on intensive career counseling and career assessments rather than State and Federal Standardized Assessments. Class sizes are maxed at 12 students per instructor.



The SMIT STEM Academy is located in West Orange County in Oakland, Florida.

## CF STEM General Meeting Recap



NeverLand will never be the same after [the Garden Theatre's](#) high tech [production of Peter Pan](#) earlier this year thanks to the talented companies clustered in Winter Garden that support the theme park and entertainment industries. The nearly 100 attendees who attended the meeting

held at the Garden Theatre heard from several some of those companies ([Birket Engineering](#), [Phoenix Rising](#), [Candela Controls](#)) as well as from representatives of two of the biggest theme parks companies in the world... Universal and Merlin Entertainments. Several things were clear: 1) nearly every STEM discipline is needed in the industry, 2) many STEM jobs don't require a four year degree, 3) finding good talent is difficult, and 4) all the organizations are involved in STEM education (see resources on page 2). And thanks to the high tech investment in the Garden Theatre, if you go see their Spring 2016 production of "Singin' in the Rain", you better wear a raincoat!



### *Special Thanks to all the Presenters:*

Alauna Friskics, The Garden Theatre; Justin Schwartz, Universal Orlando; Kate Anthony, Universal Orlando, Teresa Crews, Universal Orlando, Todd Andrus, Merlin Entertainments; Glenn Birket, Birket Engineering; David Rogers, Phoenix Rising; William Ellis, Candela Controls

August 2015 (continued)

**DiSTI Duffer** version 6.0  
**Charity Golf Tournament**  
to support STEM education



Register/Sponsor/Donate!

THE COUNTRY CLUB AT DEER RUN  
SATURDAY, OCTOBER 10, 2015  
Shotgun starts at 1:00 ♦ 9-hole scramble format

CENTRAL FLORIDA  
**STEM**  
EDUCATION COUNCIL

Entry Registration by September 19th!  
Sponsor Registration by September 2nd!

## Theme Park STEM Resources

- **Merlin Entertainments** offers a **FREE Teacher Pass** that includes all 4 attractions (LEGOLAND, Sea Life, The Orlando Eye and Madame Tussauds Orlando) good for 1 year from date of redemption
- **LEGOLAND Florida** sparks imagination and creativity beyond the walls of the classroom and makes learning fun with hands-on and interactive STEM field trips
- **Universal Orlando** provides Educational Youth STEM Programs from 'Ride Design' to 'STEM Aqua Lab'
- **Kennedy Space Center Visitor Complex** offers youth programs & encourages teachers to check out the vast resources made available by NASA for continued study
- **SeaWorld** offers a variety of programs for teachers, from workshops to a Study Fun Card to the Environmental Excellence Awards. SeaWorld also provides classroom resources including animal information, curriculum guides and more at [www.seaworld.org](http://www.seaworld.org)

## STEM in the Community

- Starting with the 2015-2016 school year, every kindergarten student in **SCPS** will learn about computer programming through 10 introductory lessons in coding
- **Florida Polytechnic** to launch STEM-based online chats
- Local tech firm CodeStart lands deal to teach coding to **OCPS** students
- Building the Foundation for STEM: Honoring **Brevard's** Exemplary Science Teachers

**U.S. Manufacturing Day**

**10.02.2015**

**[www.mfgday.com](http://www.mfgday.com)**

**Next CF STEM Meeting**

**10.23.2015**

**STEM in Manufacturing**