

January 2015

Get Involved!

- Volunteers are needed to speak and assist with hands-on workshops at the [CFL SWE Volunteer 'A Day in the Life of Real Engineers'](#) on January 24th
- Judges are needed for the [Dr. Nelson Ying Orange County Science Exposition](#) on February 9th
- Volunteer for Maitland Middle School's [STEAM Career Awareness Day](#) on February 25th
- The 2015 Regional Tournament for the [Odyssey of the Mind Competition](#) will be hosted at Edgewater High School on February 28th
- Workshop Presenters are needed for the [Crooms' Tech Fest IX](#) on March 12th

Message from the Chair



We are excited about the opportunities planned for you to engage in the Council and connect with each other this year. Below are the dates and themes for our **General Council meetings**. Each will highlight a different industry sector along with STEM education programs and career opportunities in that sector. We are also planning some **evening events** that will offer hands-on opportunities to explore different STEM environments. The **2015 DiSTI Duffer** is booked for 10 October. Last year we raised over \$8000 to support scholarships for STEM camps at the Central Florida YMCA, the SeaPerch program, a scholarship at Croom's Academy, the Teacher Workshop at I/ITSEC, and other STEM education events. Participation in **STEM Nights** at various schools is already in the works as well. I look forward to working with you as we continue to move forward in...

Building a Brighter Future Today!

- Carol Ann Dykes

2015 Dates and Topics for General Council Meetings

Feb 20

"Playing Games: STEM and Game Development"

@ Florida Interactive Entertainment Academy
08:30-11:00am Council Meeting & 11:00-12:00pm FIEA Tour

May 15

"STEM Education—The Heartbeat of Tomorrow's Healthcare Workforce"

@ Valencia College Osceola Campus
08:30-11:00am

Aug 7

"Bits & Bites, Gears & Wheels: STEM in the Theme Parks"

@ TBD
08:30-11:00am

Oct 23

"Kick, Throw, Shoot, Score: STEM in Sports"

@ TBD
08:30-11:00am

**Interested in
Sponsoring
one of these
Meetings?**

[Click here for
more
information!](#)

January 2015 *(continued)*

Join or Renew your CF STEM Membership for 2015 at www.centralfloridaSTEM.org

Get involved to help Advocate, Coordinate and Communicate about STEM education programs and resources for students, parents, and educators.

Student Resources:

- Are you interested in anything to do with STEM? [STEMcareer](#) has resources from figuring out what to do with your life, to getting scholarships to help pay for college
- The [Master's In Data Science](#)'s Ultimate STEM Guide for Kids: 239 Cool Sites about STEM
- [LEGOLAND Florida](#) and [Wet n' Wild Orlando](#) make learning fun with STEM focused, interactive education programs

Parent Resources:

- [The Homeschool Scientist](#) offers a variety of recommended STEM resources for K-12 students
- Learn how to support your child's interest in STEM using resources available through [STEMcareer](#)
- [Discovery Education](#) offers a wide variety of free family resources uniquely designed with parents in mind
- The [IBP's Pathways to Science](#) offers STEM resources for K-12 students and their parents

Educator Resources:

- Use games and activities to inspire your students to learn more about STEM through the sports they love at [Connect a Million Minds](#)
- Explore new ideas related to STEM learning through television and online content at the [STEM Education Resource Center at PBS Teachers](#)
- Get Curriculum Resources and Professional Development opportunities with [NEA \(National Education Association\)](#)

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Central Florida STEM
Education Council

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National Engineering Week

02.22—02.28.2015

Central Florida Fair

Visit the **STEM Pavilion**

02.26—03.09.2015