

May 2015

Get Involved!

- Volunteer for upcoming **Classroom STEM Outreach** through Florida Engineering
- Sponsor the upcoming Women in Defense (WID) Central Florida **2nd Annual Bowling Fundraiser** on June 3rd to benefit their STEM Scholarship Fund!
- Join the Astronaut Scholarship Foundation on May 30th @ 9:30am for their **Scholar Technical Conference**

Message from the Chair

Access to STEM education in the community just keeps growing! The number of camps this summer that focus on STEM is higher than ever with many local organizations and national programs like **Camp Invention** and **Mad Science** bringing programs to Central Florida. Check out our **April newsletter** for a listing of lots of camps.



A new STEM preschool opened in Oviedo last week. The Council was honored to do the ribbon cutting for **Little Explorers Academy** in Oviedo...a new Council member. Founded by early childhood education specialist Marni Forestieri, the Academy is implementing innovative new curriculum and tools for pre-K designed by The STEM Squad. The Academy joins the Orlando Science Center as the only STEM preschools in the community.

Building a Brighter Future Today!

- Carol Ann

CF STEM General Meeting Recap



Andrew Brokenborough talks about Jones High School's Medical Arts

Mathematicians, nuclear physicists, computer scientists, electrical engineers, mechanical engineers, environmental engineers, machinists, electronics technicians...you probably don't think about the healthcare field when you think about those professions. But those and many others are essential to our healthcare industry. Thanks to our education and industry panelists at May's General Council meeting titled "STEM—The Heartbeat of Tomorrow's Healthcare Workforce", we learned about the vital



Richard Sweat discusses how STEM is a huge component in his business at .Decimal

need for these and many other STEM fields in today's healthcare. We also heard how difficult it can be to recruit this talent into the healthcare field because of the lack of awareness of the need. A computer engineer likely will not check the Florida Hospital job site for opportunities. A microbiologist may not think to look to NASA for a career path. A mobile app developer may not think about the many needs in healthcare. Thanks to our strong programs such as **Jones High Medical Arts** magnet and programs at **Valencia** and **UCF**, we are educating those STEM professionals and exposing them to the many healthcare fields open to them. Local companies like **.Decimal**, **Noble**, **Allogy** and **Limbitless** are providing internships and jobs as well as the opportunity to improve healthcare and save lives.

Special Thanks to all the Presenters:

Mr. Mike Bosley , Valencia College; Dr. Roger Smith, Florida Hospital; Dr. Kris Dougherty, Valencia College; Andrew Brokenborough, Jones High School Medical Arts Program, Sean Moore, UCF Burnett School of Biomedical Sciences; Richard Sweat, .Decimal; Stephanie Lutz, Noble; Colin Forward, Allogy; and Dominique Corbin, Limbitless

May 2015 (continued)



Each Entry Includes:

- Use of Practice Facility
- 9 Holes of Golf with Cart
- Snacks and Beverages
- Post-round BBQ
- Awards Ceremony

**Register by
September 19, 2015!**

Every Sponsor Receives:

- Name and link on website
- Logo on collateral and signage
- Verbal recognition at awards ceremony
- Company literature in player bags
- Woody goodie pack

**Sponsor Registration
by September 2, 2015**

Crooms Academy of Information Technology, located in Sanford, Florida, is Seminole County Public School's only dedicated magnet high school. Crooms provides cutting edge innovation in teaching and learning through a technology-enriched environment. On April 30, 2015, funds raised by The DiSTI Duffer Charity Golf Tournament enabled the CF STEM to award a \$500 STEM Education Scholarship to an exemplary senior at Crooms who is pursuing a four-year degree in a STEM-related field. This



year's recipient is Sabrina Mai, who will be pursuing a bachelor's degree in engineering at the University of Central Florida. For more information on participating in this year's Duffer, and to see other examples of the funds at work, visit www.disticom/duffer

CF STEM in the Community

- Universal Orlando Foundation awarded CF STEM a UGive Grant in recognition of Shawn HARRIS' volunteer hours.
- CF STEM received a donation from Norwich University in honor of Council member Walter Legan.
- CF STEM participated on a panel at Space Congress in April discussing STEM Education in Central Florida.
- CF STEM participated as a Conference Partner at FECC (Florida Engineering Education Conference) in April and put together an industry panel providing insights into "The Engineer of the Future".
- The Council participated in The Little Explorers Academy Ribbon Cutting on May 20th.

New Members!



The Ampersand School uses STEM Education in their integrated thematic units and want to connect with businesses and other educators to give their students more exposure to STEM

**CF STEM's
Next General Meeting
8.07.2015**



Valencia College is continuing to expand into new and exciting STEM degrees, including the new addition of the Biotechnology Laboratory Sciences (A.S.) degree