

July 2016

GET INVOLVED



The DiSTI Duffer Charity Golf Tournament will be held on October 8th at The Country Club at Deer Run Golf Course. For information on how to register to be a player or sponsor, or donate auction items, visit www.distiduffer.org. Support STEM education of our students to help inspire them to pursue STEM careers and be part of the workforce of tomorrow.



COMMUNITY SPOTLIGHT

ASCE The Central Florida ASCE (American Society for Civil Engineering) recruits professionals to share STEM with K-12 students. They share STEM concepts, relevance and career opportunities at many events throughout the year including [STEM Pros in the Classroom](#), [MATHCOUNTS](#), [Engineering Encounters West Point Bridge](#), [SeaPerch](#), [Flying Stars Model Aviation](#), [Project CREATE](#), [First Robotics](#), [Odyssey of the Mind Competition](#), [Orlando Science Center Competitions](#), [Science Olympiad](#), [SECME Regional Competition](#) & UCF Summer Camps.



CF STEM General Council Meeting - STEM & Agriculture

When you hear "Agriculture", do you think we only mean farms? RSVP today to attend '**STEM & Agriculture**' on Thursday, August 4th, 2:30-5:00 pm at the Central Florida Fair and learn why "Agriculture" means so much more. Don't miss this opportunity to hear from local and state industry leaders, educators and students.

CLICK HERE TO RSVP TODAY!



Industry Panel:

Danny Kushner - Dir. Environmental, Restoration & Compliance, Highland Precision Ag
Suzanne Archer - Technical Program Coordinator, St. John's Water Management District
Randy Strode - CEO, AgriStarts, Inc.

Educator /Student Panel:

Kim Acton - Agriculture and FFA Advisor, University High School
Samantha Dodge - Agriculture Teacher and FFA Advisor, East River High School
Britany Wolford - Junior at Perdue University (agriculture graduate from New Smyrna HS)
Jeremy D'Angelo - Graduate Research Assistant, Agriculture Communications & Journalism, Kansas State University (agriculture graduate from Deland High School)



Guest Speaker:

Amy McAllister - State Supervisor for Agriculture, Food and Natural Resources, Florida Department of Education

STEM Connections

July 2016 (continued)

WISE MENTORING @ UCF



WISE Mentoring @ UCF is designed to foster mentoring connections that help link industry leaders with UCF female sophomores who are pursuing degrees in STEM fields and are interested in learning more about their future STEM careers. For more information and to sign up to be a Mentor, please click [here](#).

Creative Coding through Games and Apps



CREATIVE CODING THROUGH GAMES AND APPS

The Florida Department of Education is offering free teacher training opportunity for those interested in teaching a beginning level coding course just launched through the Microsoft Imagine Academy. Suitable for grades 4-12, **Creative Coding through Games and Apps (CCGA)** is a full course enabling students to learn foundational computer science concepts through coding in a real software development environment by programming and publishing mobile games and apps.



Microsoft

BOARD MEMBER HIGHLIGHT

Ed Logue, CEO of Vision Engineering Solutions, was invited to his first CF STEM General Council meeting three years ago. It didn't take long to see how the Council stands in the huge gap between the low number of STEM graduates the U.S. (including Central Florida) is producing, and the increasingly high number of STEM-related jobs in American industry and in our military.



"That gap is hurting our community, our state, and our country because it jeopardizes our economy at all levels, our ability to compete globally, and our national security," Logue stated. "It also jeopardizes the future of my small business that relies on STEM graduates to grow and prosper. The Council is a terrific group that has a clear mission, is well organized, and is making a big difference. Being involved in the Council is an opportunity for me to give back to the community and country that support me and my family, to pay forward to those who need the opportunities, education, and mentoring."

OUR NEW & RENEWING MEMBERS

Individual Memberships:

- Elizabeth Biddle
- Connie Brashear



Sand Box Geometry



Submit your 2016 Membership

Application online at:

www.centralfloridastem.org/getinvolved/joinCFSTEM

STEM in the Community

- UCF Business Incubator hosts rising High School Students in [Altamonte Springs Science Incubator Intern Program](#)
- [BIOTEC and OCTET](#): biology and chemistry summer camps for emerging STEM leaders held at UCF
- [FLATE 7th Annual Teacher Camp](#): Alternative Energy, It's HOT!