

# STEM Connections

May 2017

## GET INVOLVED

- Duke Energy, OUC and Siemens are teaming up for this year's Youth Energy Academy (YEA) on July 27th and 28th (for more information, contact John at [john.marra@siemens.com](mailto:john.marra@siemens.com))
- **TEACHERS:** sign up for the **Multidisciplinary Engineering Design Experiences** from June 5th-28th
- **SAVE THE DATE - DiSTI Duffer** will be held on October 14th!
- Like us on Facebook @ [www.facebook.com/CFSTEM](http://www.facebook.com/CFSTEM)



## WOMEN IN DEFENSE HORIZONS Scholarship Program

### HORIZONS

Women In Defense National is now accepting applications for the HORIZONS Scholarship program for the 2017-2018 Academic Year.

Eligible candidates for the scholarship are females currently enrolled at an accredited university or college, either full-time or part-time, who demonstrate interest in pursuing a career related to national security or defense. Candidates should be either currently enrolled graduate students or undergraduate students who have completed at least 60 credits toward their undergraduate degree.

Additional requirements and application information can be found at:  
<http://www.womenindefense.net/horizon/Pages/default.aspx>.

Applications are due no later than  
Monday, June 12, 2017.

3259 Progress Drive, Orlando, Florida 32826  
(407) 207-7426 | [info@centralfloridaSTEM.org](mailto:info@centralfloridaSTEM.org)

## COMMUNITY SPOTLIGHT

The **NASA Florida Space Grant Consortium (FSGC)** and **Space Florida (SF)** are partnering in a **STEM Internship Program** at the **Space Life Sciences Laboratory (SLSL), Exploration Park at KSC**, during the summer every year (depending on availability of projects at the SLSL). FSGC will act as the Lead in this program and will have final decision on the selection of potential STEM mentors and interns. The internships are of 10 weeks duration. The internship program usually commence on June 1, and conclude on August 7. This will be a paid internship of \$6,000 for the 10-week program.

The goal of the Internship program will be to train and recruit Florida science/engineering students (US citizens only) into the aerospace & aviation workforce as future employees, while encouraging further study and academic achievement.



For more information about the SLSL please visit: <http://www.spaceflorida.gov/why-florida/facilities/space-life-sciences-lab>

## CFSTEM GENERAL COUNCIL MEETING SPACE EXPLORATION



Join the Central Florida STEM Education Council General Meeting on Friday, June 16th at the Kennedy Space Center - Visitor Complex to learn what the impact of Space Exploration really will do for the future!

Space Florida will be discussing '**The State of Space in Florida**'. There will also be panel discusses on '**Workforce needs in the Space Industry**' from local businesses and as well as '**Preparing the Future Workforce**' from StellarXplorer, NASA Education Programs and Space Training Adventure!

**[Click here to RSVP!](#)**

[www.centralfloridaSTEM.org](http://www.centralfloridaSTEM.org)

# STEM Connections

May 2017 (continued)

## Interested in STEM Summer Camps?

Please see the information below on local STEM Summer Camps

\* Indicates that Summer Camps are also offered to other School Age Groups



### Elementary School Ages:

- **Orlando Science Center** is offering camps featuring Wacky Weather, Animal Planet, Space is the Place, and many more \* - offering *Oviedo Satellite Location too!*
- **SeaWorld Orlando** camps offer fun, educational experiences along with superior safety standards & low counselor-to-camper ratios \*
- **Engineering for Kids** offers activities from designing and constructing rockets, hot air balloons and roller coasters

### Middle School Ages:

- **Summer Institutes** are intensive programs for gifted and high-achieving students who have interest in learning the foundations of Computer Science, Biology, Physics or advancing skills in Competitive Programming \*
- At **Rollins iD Tech Camps** you can code an iPhone or Android app, design your own video game and more \*
- **Central Florida YMCA** is offering ways to learn how STEM is used in everyday life while encouraging creative new ways to improve them \*

### High School Ages:

- **Camp Connect** offers broad exposure to a variety of engineering disciplines, including: electrical, industrial, mechanical, civil, environmental, aerospace, and computer science
- **CyberCamp**, offered in collaboration with the **Florida Cyber Alliance**, focuses on teaching beginner and intermediate computer security techniques
- **Full Sail Labs** is offering the space to explore & challenge creativity by utilizing digital tools & software \*

The Central Florida STEM Education Council received the award for **UCF TRIO Center "Supporter of the Year"** on April 25th. The Council was recognized for their work in mentoring students, finding internships opportunities, bringing in industry professionals and sponsoring the annual Career Bootcamp reception with industry representatives.



JOIN THE COUNCIL TODAY OR RENEW YOUR MEMBERSHIP!

Submit your  
**2017 Membership Application** online at:

[www.centralfloridastem.org/getinvolved/joinCFSTEM](http://www.centralfloridastem.org/getinvolved/joinCFSTEM)

**amazon**smile  
You Shop. Amazon Gives.

Support **Central Florida STEM Education Council** when you shop:

Go to [smile.amazon.com](http://smile.amazon.com)



The **DISTI Duffer** is a grassroots effort to raise money for the Central Florida STEM Education Council via a casual 9-hole scramble tournament. The event is open to all skill levels and is about raising money and awareness of STEM in our Central Florida community. For more information, please visit: [distiduffer.org](http://distiduffer.org)