



# IEEE Newsletter

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## Faculty/Staff vs. Students Basketball Game

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(From left to right: Keertana Settaluri, Emily Macon, Eric Schwartz, Trent Fields, John Harris, Dylan Zuniga, Noah Harris, Julio Chavez, Quashawn Durant, Kris Rea, Chris Sarli)

### Mission Statement

This monthly newsletter will inform, entertain, and connect the students of Electrical and Computer Engineering at the University of Florida. This newsletter links students to our university and future workplace by presenting articles on our department, industry, and events hosted by the different campus organizations.

The IEEE Newsletter needs your help in making this a better newsletter. Please email your comments, events, and ideas to [ieee.uf.newsletter@gmail.com](mailto:ieee.uf.newsletter@gmail.com).

Sports fanatics rejoice, it's that time of year again! College football may be nearing its end, but our gators are currently on the court for another season of college basketball. But why watch it when you can play it?

The ECE department hosted its 5th Semi-Annual Faculty/Staff vs. Students Basketball game on November 24th behind the New Engineering Building.

This semester, the game was played co-ed which brought out the ladies of ECE to represent their respective teams. Representing the Students: Julio Chavez, Trent Fields, Emily Macon, Kris Rea,

Chris Sarli, Keertana Settaluri, and Dylan Zuniga.

Representing the Faculty/Staff: Quashawn Durant, John Harris (Chair of Department), Noah Harris, Marcy Lee, Kym Mason, and Eric Schwartz. After about an hour and a half of some fancy layups (shout out to Kym's reverse layups) and jump shots, the Faculty/Staff team once again sank the game ending shot, adding to a winning streak they now hold.

**Basketball Game  
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# Faculty/Staff vs. Student Game

Basketball Game  
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(Left to right: Keertana Settaluri, Trent Fields, and Quashawn Durant)



(Left to right: John Harris, and Trent Fields)

Want to help end or extend the Faculty/Staff reign? Be sure to come on out next semester as the teams are open to anyone affiliated with ECE.

Announcements will be made a few weeks before the game is held so keep on the lookout as no date is currently set. As a student, there is no better opportunity to get to know your professors and department leaders than by exchanging a few fouls on the court.

**-Emily Macon, CE Sophomore**





The Engineering Leadership Institute will host the “Powered to Lead” Summit. The Summit’s Agenda includes:

**Thursday, January 15, 2015**

**UF Reitz Union**

Program and session times subject to change.

**8:00 – 9:00 a.m.**

*Registration*

**8:15 – 9:00 a.m.**

*Student Leaders Breakfast*

**9:00 – 10:30 a.m.**

*Welcome*

*Women in Engineering Leadership*

*Keynote Address*

*Panel Discussion/Q&A: Leadership in Academia*

**10:45 a.m. – 12 p.m.**

*My Accidental Leadership Journey*

**12:15 – 1:15 p.m.**

*Keynote Luncheon: Characteristics of Effective Leaders*

**1:30 – 3:30 p.m.**

*Leadership and Scholarship Award Presentations*

*Panel Discussion/Q&A: Leadership in the Workplace*

**3:30 – 4:30 p.m.**

*Gator Engineering Reception*

*with Keynote Speakers, Alumni, Panelists and Student Leaders & Student Raffle*

To register, please visit:

<http://www.eng.ufl.edu/summit2015/summit-registration/>

# Paper Keyboards at Cade Museum

On November 22, 2014, Women in Electrical and Computer Engineering (WECE) volunteered at the Cade Museum for a Sci Art event. This event showed how science and art can merge and create new ways to play music while motivating young kids to want to pursue engineering when they grow up.

The event was coordinated by Macy Yang along with the Cade Museum. The activity consisted on showing children how metals are conductors, and, therefore, when mixed with art mediums, such as paint, metals would also make paint conductive.

The children would first paint stripes with the conductive

paint in paper. At the computer lab the children would find pre-programmed circuit boards that would contain eight piano keys. With the help of alligator clips, the boards were connected to the paper.

Using an online virtual piano, the board would be connected to the computers that would reproduce the sounds of the keys as the children played. At first, I was skeptical, yet it worked!

Paint is not the only art medium that can become conductive. Gu-ee, a sticky form of play-doo, mixed with small pieces of metal, can also be used as piano keys.

Eight kids participated in this activity while various WECE members volunteered. Special thanks to everyone involved in this project for representing UF, our department, and showing the young the amazing things that technology allows us to do.

**-Valentina Rendon, CE Junior**

