We hope you had a wonderful break!

Winter quarter has begun! It’s time to let those New Year’s Resolutions kick in and get started in the new year.

CPP WE Ambassadors have a substantial impact on the women in STEM in our surrounding communities. By participating in CPP WE, our Ambassadors not only establish friendships, but also inspire young girls to pursue careers in STEM. Introduce a Girl to Engineering is one of the largest outreach events on campus. The event is organized by CPP WE’s Student Coordinators and runs smoothly with the help of the CPP WE Ambassadors. Another outreach event, known as E-Girl, is held in conjunction with CPP WE and Dr. Palomo’s Engineering Outreach class. None of these events are possible without the help of our Ambassadors!

Don’t miss out on opportunities & mark your calendars!

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**INTRODUCE A GIRL TO ENGINEERING**

Introduce a Girl to Engineering is an outreach event for middle school girls to learn more about what being an engineer is like. Our activities for this year include designing cantilevers off the sides of tables, constructing pneumatic operated levers, and building simple homopolar motors. With our event being spread across two days (February 22 and February 29), with 100 middle school girls attending each day, this event would not be possible without the help of our CPP WE Ambassadors. There will also be a training day where confirmed volunteers will learn how all of the activities work in preparation to help students the day of the event. If you are interested in volunteering please email: cpp_we@cpp.edu.

**E-GIRL**

Similarly, in collaboration with Dr. Palomo’s EGR 299 Service Learning class, CPP WE helps with E-Girl. Its impact has been a significant reason for it also being held on two separate days (April 7 and April 20) this year. For this event, middle and high school girls are brought to campus to participate in a series of mind-stimulating activities that vary by engineering discipline. In addition, their parents are invited to attend informative workshops and a club fair to introduce them to what Cal Poly Pomona and our College of Engineering has to offer. Volunteer sign-up details will be emailed to our Ambassadors as the event approaches, along with the volunteer training dates. These outreach events provide fundamental leadership opportunities for our Ambassadors, so we encourage you all to participate!
Thank you to all the CPP WE Ambassadors who attended the Fall and Winter Quarter Ambassador Meetings. During the Fall Quarter Ambassador Meeting, which took place on November 13, we socialized and talked about upcoming events. We also designed and launched bottle rockets. Yeah, you read that right, we launched bottle rockets during the Ambassador Meeting. We like to keep our students engaged and having fun during our meetings. For the Winter Quarter Ambassador Meeting, which took place on January 22, we decorated cookies, just in case you didn't get enough sweets over winter break. The purpose of doing activities like this is to have females connect, share any ideas for new events, and just have fun.

On January 12, 2016 the College of Engineering held a networking luncheon for our college’s female faculty along with female faculty from the College of Agriculture and the College of Science. Unlike most networking luncheons, this one simulated speed dating by arranging the tables by interests and having the faculty rotate among one another to network. The faculty only had 5 minutes per rotation to gain as much information from their partner as possible. Limiting the amount of time they had to network encouraged them to speak more after the lunch concluded. Many had never met before and were excited to see the amount of female faculty amongst these colleges.
Where and what are you working on?
I work for Chevron at their refinery in El Segundo, CA. I recently completed the design work to install a new motor and need to ensure it gets installed correctly. One of my newest assignments is to provide electrical support on a coworker's project to install an infrared camera.

What is the biggest adjustment going from college to your career?
The most challenging adjustment has been setting my own deadlines and holding myself accountable. Deadlines and projects overlap, making time management vital.

What is the best thing about being out of school?
The best part of being out of school is rediscovering my hobbies. It is so freeing to have the evenings and weekends open to explore, travel, surf, ride my motorcycle or just stay in bed.

What part of college do you miss most?
I miss connecting with other students and helping them reach their potential. Now that I am settled into my job, I would like to make more of an effort to be involved with my alma mater.

Do you have any advice for current CPP WE girls?
My advice for CPP WE girls is to look for companies who value work-life balance. Don't rush graduation. Internships and experiences are more important than how many years it took you to graduate or how high your GPA is.

During the WE Talk, Emily Nguyen, Chemical Engineering 2010 Alumna, and Amanda Garcia, Industrial Engineering 2015 Alumna, spoke about their current positions at the PepsiCo-Frito-Lay Plant in Rancho Cucamonga. Additionally, the ladies spoke of the various ways Cal Poly Pomona’s “learn by doing” motto still applies to their everyday learning on the job. Both females have been a part of significant improvement projects to the PepsiCo-Frito-Lay Plant. Emily introduced a new way to package chips into their bags, eliminating tons of waste the old conveyor belt system left behind. Also, the expiration stamp on the front of bags was improved after Amanda solved a few issues in the programming of the machines. During the problem solving process, both ladies advised the audience to “utilize those with more expertise on your team to help you find solutions to the problem at hand”. Team work is a key to success! Another important piece of advice was to “always know more than your boss” because this eliminates any doubt in your abilities as an engineer. Take advantage of all opportunities and stay confident. Go get ‘em!
**Scholarship Opportunity**

Anthony Ihedoha Anaebere, Sr. Memorial Scholarship

This scholarship is for first born Nigerian-American students who are pursuing a degree in engineering. Anthony Ihedoha Anaebere, Sr. saw that education was power and drastically affected one’s personal, economic, and social life.

**Deadline:** February 20, 2016

**Amount:** $1,000

**Qualifications:** Be a Nigerian-born or first generation Nigerian-American student pursuing an undergraduate or graduate level engineering degree at an accredited college/university in the United States of America.

**Link:** [http://aiascholarship.com/](http://aiascholarship.com/)

> “His ability to pursue academic and professional excellence despite his life challenges is moving. But, what makes his achievements even more inspiring is that no matter what success he achieved, he saw it fit to pay it forward. If he was able to, he tried to help someone else achieve their own personal goals.”

- Anthony Ihedoha Anaebere, Sr.

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**Research Opportunity**

Research Experiences for Undergraduates at Portland State University

Portland State University is currently looking for qualified students for their research program during the summer. The summer-long research training program will focus on electron microscopy. Females, veterans, and minority students are encouraged to apply to the program. "Gain practical and professional skills to smoothly transition into advanced research positions, graduate programs, and competitive careers in STEM fields."

**Deadline:** March 1, 2016

**Amount:** $4,000 Stipend

**Program Dates:** June 20-August 12, 2016 (8 weeks)

**Link:** [www.pdx.edu/reu](http://www.pdx.edu/reu)

**Questions:** reuga@pdx.edu
Cal Poly Pomona’s **Formula SAE** (Society of Automotive Engineers) is currently looking for female students to join its team! Formula SAE is an international competition to design, build, test, and race a car from the ground up. Students on the team have the privilege of interacting with industry professionals and racing against the top teams internationally. After their experiences on the team, alumni have gone on to work at many of the world’s top automotive companies and many other companies most students dream about. Each year the team competes at multiple different competitions across the world, including Michigan and Germany. As an undergraduate student, this is a great opportunity to find your passion and show possible employers what you are made of!

For more information contact: cppfsae2016@gmail.com

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**WE HAVE A NEW STUDENT COORDINATOR!**

We have added to the CPP WE family with our new Student Coordinator, Shannen! She is a sophomore, computer engineering student and has been involved with CPP WE since her freshman year. Shannen enjoys programming in her free time, and her dream company is Google. She is excited to start planning events that impact female engineers on and off campus. She is also involved with housing as one of the building senators for the suites on campus.

“I can't change the direction of the wind, but I can adjust my sails to always reach my destination.”

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**We want to hear from you!**

As we plan the 2015-16 school year, we want to know your ideas on what you would like to see for the coming year. This program is meant for your success, and we want to make that happen.

Please email your suggestions to: cpp_we@cpp.edu

Thank you!

*Brooke, Shannen, & Teresa*

CPP Women in Engineering
Student Coordinators