Introduce a Girl to Engineering

Femineer® Summit and Day Camp

Robot Rally

Introduce a Girl to Engineering

Career Opportunities

We Talks and We Chats

Graduation Appreciation

5/15 Femineer® Summit

5/18 Engineering Commencement!!!

5/23 Career Fair
On April 12th, CPP WE hosted its annual Femineer® Summit in the Bronco Student Center from 8:30-3pm. We invited over 600 K-12 female students to showcase their innovative projects relating to creative robotics, wearable technology and raspberry pi robotics. All of our participants shared their projects which they have been working on all year long during the project showcase. Through this experience, we hope that these young female students feel inspired to continue to learn about STEM and be future leaders in their careers. Thank you to our dedicated volunteers, staff and campus partners for making this event a huge success. We are really looking forward to hosting our 2nd Femineer® Summit of the year on May 15th!

Women in Engineering will be hosting its first Femineer® Day Camp this summer! The Femineer® Program serves to inspire and empower K-12 female students to develop the skills and confidence needed to pursue majors and careers in STEM. The Femineer® camp, held at Cal Poly Pomona, is open to rising 7th-12th graders. Over the course of the camp participants will cover the Femineer® Creative Robotics curriculum. Provided with the knowledge and materials, students will utilize real-world engineering skills to develop a finished product by the end of the camp.

**Dates:**
- June 24-28, 2019, 9am-3pm each day
- July 15-19, 2019, 9am - 3pm each day

**Cost:**
- $600/participant

Includes lunch each day and all materials and supplies for camp. All students will also receive a t-shirt, notebook, and drawstring bag.

On April 19th, the Cal Poly Pomona College of Engineering hosted the 13th Annual Robot Rally in the Darlene May Gym. This event consisted of over 800 students, which made up about 250+ teams that participated in the impromptu obstacle challenge, fast line following challenge, teamwork challenge, and the sumo robot challenge. All of these student participants are part of the Robotics Education through Active Learning (REAL) program, which gives them the opportunity to take part in a hands-on engineering project based on math, science and language. The students were able to showcase their creations and compete against other students from the participating schools. There were over 50 volunteer judges from all departments of the college as well as from different engineering clubs on campus. It was an exciting event full of cheering, high fives and fun.

Our 6th annual Introduce a Girl to Engineering (IG2E) event took place on Monday, February 25th. We had about 200 students from local schools come and participate in engineering related activities. They were able to gain a basic understanding of engineering concepts through simple projects. The different activities include constructing a LED flashlight, a Ferris wheel, a metal crystal structure, and a robotic hand. Through these activities they were able to gain an insight into mechanical, electrical, civil, and chemical engineering.

Thank you, to all the volunteers who helped make this event possible. Keep an eye out for next year’s volunteer sign up in order to be part of IG2E.
On February 12th, CPP Alumna Bianca Machuca shared with our own female students her experience at Cal Poly Pomona and how that helped her in the workplace. Bianca graduated with a B.S. in Civil Engineering from Cal Poly Pomona back in 2012. Today, she is currently a Plant Engineering Manager at UPS. Bianca believes that Cal Poly Pomona’s learn by doing approach is one of the many reasons why CPP stands out to employers. Bianca is very grateful that she got her education at Cal Poly Pomona and she believes she would not be as successful if she went to school elsewhere.

On March 28th, we had our WE Talk with CPP Alumna, Michelle Alfonsi who graduated from Cal Poly Pomona in 2013 with a B.S. in Mechanical Engineering. Michelle shared with the students that her mother graduated from Cal Poly Pomona in 1987. Michelle and her mother are both currently engineers working at Boeing. Michelle is a Mechanical Design Engineer while her mother is a project engineer. Michelle explained how her relationship with her mother inspired her to pursue engineering in the first place.

Women in Engineering invited the Electrical Engineering Technology female students to a WE Chat hosted by Dr. Farhana Abedin. Dr. Abedin is currently an assistant professor in the Electromechanical Engineering Technology department at Cal Poly Pomona. Dr. Abedin shared with the students that challenges that she has faced as an engineering student and in the workplace. She later offered advice on how to overcome those challenges.
Niagara Bottling recruiters visited Cal Poly Pomona to hire engineering students for internships and jobs. The event was a huge success with a great turnout. Niagara Bottling will be back in Fall looking for the next set of applicants. Keep a lookout for future emails.

Attend the final hiring fair on Thursday, May 23rd from 10am-1pm in the BSC-Ursa Major. Meet employers who are seeking to hire for internships or full time jobs!

Word Bank: Aerospace, Biomedical, Chemical, Civil, Design, Electrical, Environmental, Geological, Hydraulics, Industrial, Mechanical, Petroleum, Quality, Software, Transportation, Water

Across
1. Works in building Space and Air Vehicles
2. Works with ways to eliminate waste of time, money, materials, man hours, and other resources
6. Works with repairing, maintaining and building structures to control water resources
11. Works on drawings of products and systems that involve using scientific and mathematical techniques
12. Works with doctors to build equipment for clinical problems
13. Works on building buildings, bridges, roads, canals and dams
14. Works with coding and creates operating system
15. Works with the production of hydrocarbons, which can be either crude oil or natural gas
16. Works on the management of facilities compatible for movement of people and/or goods traveling around the world

Down
3. Works with the mechanical properties of liquids or fluids
4. Works to manage develop, operate and maintain IT systems and enterprise architectures with a high standard
5. Works with the environment to make better exploration items
7. Works with the study of electricity, electronics and electromagnetism
8. Works to design large-scale processes that convert chemicals, raw materials, living cells, microorganisms and energy into useful forms and products
9. Works that requires an understanding of core areas including mechanics, dynamics, thermodynamics, materials science, structural analysis, and electricity
10. Works to address the issues of energy preservation, protection of assets and control of waste from human and animal activities
Congratulations Cal Poly Pomona Women In Engineering Class of 2019! Thank you for all your support and involvement in our program! We are so proud of all your accomplishments. We hope you all continue to be leaders in the engineering field. Feel free to reach out to us via email at cpp_we@cpp.edu if you want to keep in touch with the program! Good luck with all your future endeavors!

We hosted our annual WE Breakfast where medallions and cords were given to our graduating seniors. During the breakfast, we also recognized our Women of the Year: Senior, Minna Mattis, and Junior, Vanessa Rubien. Thank you so much for your involvement in WE and we look forward to seeing where you will

CONGRATS TO OUR GRADUATING WE AMBASSADORS!

Jazmin Acevedo    Sheli Cohen    Hana Haideri    Jaclyn Molnar    Camille Orilla    Kristi Rounsefell
Emmeline Adu-Beng  Hilary Doan    Cailin Helmick    Clarissa Moreno    Genelle Paderanga    Maha Shah
Rubi Barrios Solis  Alyssa Emerson    Joliette Li    Aroua Naji    Wonji Park    Shannen Sharma
Deandra Boentaran    Holly Everson    Jennifer Lopez    Kylie Ng    Victoria Quintos    Kerlin Trigueros
Kristina Campuzano    Carson Gattenby    Vanessa Lopez    Victoria Nguyen    Casandra Rivera-Fernandez    Melissa Ugalde
Alejandra Castellon    Denise Guevara    Evelyn Mateo    Anh Nguyen    Savannah Rodriguez    Christina Villanueva
Viviana Cisneros    Bhavana Gupta    Elizabeth Meyer    Diem Nguyen    Teresa Rodriguez    Audrey Wong