

INSIGHT

The CI STEM Newsletter



After-School Program

The past couple of months have been full of firsts for our students. Thanks to Careers in Energy, CI STEM students were given the opportunity to visit Thums Island, a man made island off the coast of Long Beach. Students also had the opportunity to learn about the physics behind roller skating and try on a pair of roller skates for themselves. Coming from a largely agricultural county, CI STEM students also learned about the biggest challenges facing the agriculture industry in their county and how technology is used. Finally, while balancing a full academic and extracurricular load, our dedicated students began their journey to becoming experts in coding and robotics. Following the success of this year, we look forward to the next school year and the many discoveries in the STEM field.

Mentorship Program

Students met with the CI STEM coordinator, Diana Magana, and had a fruitful discussion during which they shared their feedback and comments on their CI STEM mentoring experiences.

Overwhelmingly, students expressed how grateful they were that their mentors listened to their dreams, desires, and concerns on STEM related careers. In turn, mentors shared their own life and career experiences, something which students know is not always easy.

In particular, students shared their appreciation for the personal and career advice they received from their mentors as well as the insight mentors gave into their own journeys. It was this insight that allowed students to see the common ground they shared with their mentors and, thus, allowed them to aspire to reach the same level of success their mentors have achieved.





Congrats to the UBCI, CI Dream, and CI STEM Class of 2019

June 14th was a very special day for the Upward Bound and CI STEM staff as we were able to celebrate the graduation of 18 Upward Bound and CI Dream seniors, four being CI STEM participants. Our CI STEM seniors have achieved great success academically in large part to the time their mentors invested in them. Beign a part of CI STEM has given voice to students' career aspirations in the STEM field.

In the fall, Desirae Barragan will pursue a B.S in Biology, Pre-Med at UCLA with the hope of one day becoming a doctor. Francisco Contreras will begin his higher education journey at Oxnard College where he will pursue a major in Biology when he transfers to a 4- year institution in the near future. Eduardo Martinez will pursue a degree in Engineering at CSUCI. He hopes to one day have the opportunity to work alongside one of our very own CI STEM mentors. Lastly, Karen Melendez will begin her journey towards pursuing a major in biochemical engineering at Oxnard College.

There is plenty to celebrate and we invite all of our CI STEM mentors to celebrate with us as they have been a part of their journey and have had an undeniable influence in their success. We, and our graduates, thank you!

Summer Academy: The Beginning of a Beautiful Robot

For the next six weeks, CI STEM students participating in our Summer Academy will build on the Vex robotics skeleton they put together this past semester. They will also participate in an educational workshop at the California Oil Museum in Santa Paula, CA.

Students will continue to build on their computer software knowledge using AutoFusion 360 and CAD to code their robots and hopefully get to a point where they can enter competitions.

