

ROBODOX

April and May mark the end of the last Robodox Events for this year. This April, the team left for Anaheim, California to participate in the VEX World Championships. In May, the team wrapped up the year by learning new CAD skills and holding the Robodox Banquet.

'World Class VEXers

by Michael Wong

The Robodox took home trophies and ranked in the quarterfinals at the 2013 VEX High School World Championships which took place April 17-20th. Top teams from over 230 VEX Robotics Competition tournaments in cities around the world from May 2012 to March 2013 competed in this season's game, "Sack Attack," at the Anaheim Convention Center. 470 High School teams from around the world participated. Cedric Kim and Michael Wong of Robodox Team 599D ranked 10th place in their division, making it to the quarterfinal rounds, where they lost to undefeated tournament champion 7856A of Shanghai



Teams 599A and 599D in front of the Anaheim convention Center

Fuxing High School and team 44 Green Egg Robotics of Massachusetts. Team 599D was bestowed the Build Award, for superior craftsmanship and construction. Derek Ung and Gabrielle Merkin of 599A won the Teamwork Award, with credits to 599A programmer Chris Miranda for his winning essay, "The Retrovirus." The Teamwork Award recognizes 599A for their season-long commitment to work and collaborate with multiple independent robotic teams with the goal of enriching the experience of all students involved. The VEX World Championships Competition was sponsored and partnered by Autodesk, Chevron, EMC Corporation, Microchip, NASA, Northrop Grumman Foundation, Texas Instruments, and the FUTURE Foundation.



Over 700 teams came to VEX World to compete for the Championship

The CAD Academy!

by Eileen Alvarez

For three weeks in May, Robodox alumni and mentor Alex Anikstein came to K2 to host a "CAD Academy". He volunteered hours of his own time to teach the Robodox how to create three dimensional models of robot parts through computer aided design. The 'Dox learned the basics of CAD, from drawing to assemblies. These newly learned skills will help tremendously in the build seasons to come.

Every member of the team has probably experienced building a part and then not having it used, because another design had been changed. By CADding all parts ahead of time, there will be no discrepancies between subgroups; every part will have been previously been "CADded", leaving no issue of disagreement. Thanks to Alex, the 'Dox will be able to go about designing and building innovatively to give us that final push in becoming a powerhouse team.

The Robodox use Solid Works as their CAD program to efficiently create three dimensional designs.

Alex Anikstein helps Khalid with Computer Aided Design.



The Robodox Banquet

by Jeffrey Lee

On May 17th, the Robodox had their annual banquet in Highlander Hall from 6-9pm. The team held their awards ceremony, giving each and every member a serious and goofy award, describing their accomplishments. Seniors were given silver chords to commemorate their time on the team for graduation. They were also given a Robot Doctorate award. Executives for both semesters were given an award for their work. This year, mentors and team parents (coined "MamaDox"™) received an official white FIRST disc as recognition for all the work that they put into the team. Alex Anikstein received the new Mentor of the Year award for all his time in getting the team to learn the CAD software, Solidworks. Dave Paulson and Chris Siegert were inducted into the Robodox Mentor Hall of Fame. Along with the awards given out, the team was treated to great food from Rosie's Barbeque and a show from the 2012-2013 FRC robot, the Medic. Nearing the end of the banquet, a slideshow was presented showing all the great memories and hard work the team went through this past year.



Many thanks to all the mentors and volunteers who helped the team out over the years. With their support, the Robodox hope to have another exciting year.



Robodox Events:
Have a great summer!
Congratulations Senior class of 2013!

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