

# Robodox

TEAM NEWSLETTER  
APRIL & MAY 2015

## THE FALL CLASSIC ROBOT

After the Ventura Competition, the Robodox was supposed to be done with Build Season. However, they have decided to create another robot for the game Recycle Rush. They have decided take advantage of the down time between their last competition and next year's Fall Classic to improve the mistakes made on the Hematologist. Building another robot would also provide an opportunity to immediately teach next year's incoming team members with real, hands-on experience.

Named the Resident, the new robot is a project for the underclassmen of the team. After much discussion, the Resident recently passed the design stage and is currently being modeled with CAD, computer aided design. The Robodox are getting back into the rush of build season and they have their very short deadline approaching.



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## THANK YOU, DR. K

### A SHORT POEM DEDICATED TO OUR LEAVING MENTOR

Dr. K, Dr. K  
Why won't you stay?  
Will hanging with us  
Be a possibilit-ay?



# EXECUTIVE ELECTIONS

As a student-led team, the Robodox implements an executive system consisting of 6 positions: President, Events, Media, Outreach, Pit/Shop Safety, and Treasury. These executives perform their respective jobs in order to run the Robodox as smooth as possible. This year, the board performed a range of tasks: they fed the team during competitions, arranged sponsors, mentored elementary school children, ordered team lab coats and much more.

With the end of the year quickly approaching and the senior class getting ready to start the rest of their lives, the Robodox must choose their new executive board. On April 30, 2015, the Robodox gathered in K2 to listen to potential candidates and choose the members that will be tasked with running the team next year. Many candidates had convincing speeches and when the potential board was open to questioning, they creatively answered inquires.

After all members finished listening to the speeches, they carefully picked their future board. The new board was sworn in by the presidents, Jake Mattinson and Jeffrey Lee, and at the Robodox banquet, the 2014-2015 executive board officially said goodbye to their positions and handed over their titles to the next generation.

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## THE NEW MAN BEHIND THE MONEY: INKIAD AHMED

**Jas** What did you think about the election results?

**Inkiad** I feel like the people running for their respective positions all had great things to offer and we chose well.

**Jas** Are you excited to be the next treasury executive?

**Inkiad** I have high hopes for the future and am really excited to start making a bigger impact on the team, and make more monies.

## 1/2 OF THE PREZ. CREW: CHRIS SALGADO

**Jas** Were you nervous about running?

**Chris** Yeah, that's why I asked 20 something people if I should run or not.

**Jas** What do you have to offer that made you stand out from the other candidates?

**Chris** I have a lot of fun ideas to make the team more enjoyable. The new rookie integration plan was my thing. Plus I work hard for the team, I'll always get my job done, not to mention I'm pretty cool with Van.

“ I think elections went well. Everyone who won their position earned it. I believe the executives will be prepared for their roles next year and in terms of executives, the team will be well off. In robotics, there have been issues in the past and I believe the executives in the coming year will have the vision to fix these problems. ”

- Jeffrey Lee



# 2015-2016 ROBODOX EXECUTIVES

## PRESIDENTS

## EVENTS



## MEDIA

## OUTREACH



## SHOP SAFETY

## TREASURY





## ST JUDE TRIVIA:

The St. Jude Medical Center was founded in 1976 and has produced medical technology to treat health problems such as: heart failure, heart rhythm disorders, vascular disease, structural heart disease, chronic pain, and movement disorders.

(Source: sjm.com)

## ST. JUDE MEDICAL FIELD TRIP

On May 4, 2015, the Robodox headed out to St. Jude Medical to see the applications of robotics in a career-based setting. Although St. Jude is the Robodox's biggest sponsor, most of the team was unaware about the company itself. Thus, the Robodox travelled to St. Jude in order to uncover the center's mysteries.

While this appeared to be a mere field trip, the importance of seeing real-life applications of robotics opened up many new possibilities for team 599's members. At St. Jude, robotics utilized to aid those with medical issues. Many people would not automatically associate robotics with medicine, but Hersh Gupta, junior, emphasized the importance of seeing different places where robotics is used. "Robotics isn't just making a probe to explore the farthest reaches of space," said the newly-elected president, "but it is also building minuscule robots to help fix an irregular heartbeat or to bring someone back to life from suddenly being unconscious."

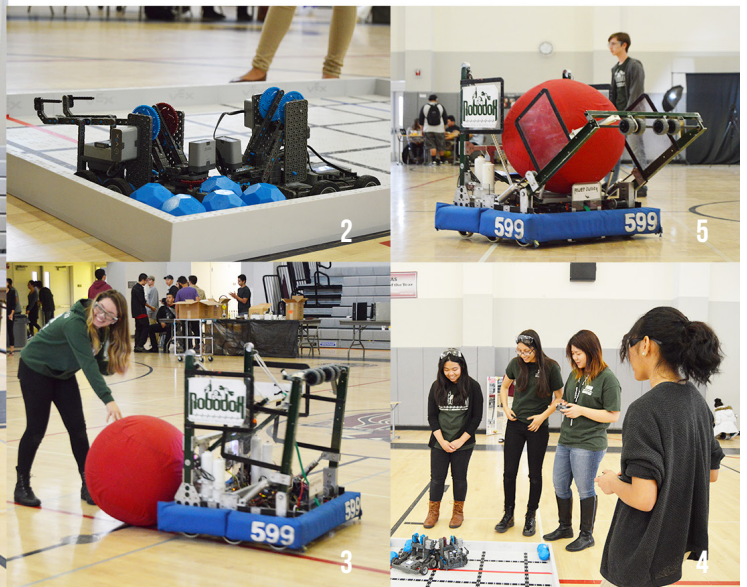


The Robodox pose in front of the St. Jude Medical building before leaving the premises. From left to right (top): Jeffrey Lee, Hersh Gupta, Freddy Torres, Tanvi Kharkar, Jenna Mattinson, Grace Lee, Dylan Leighton, Jake Mattinson, Hosna Qasmei, and Eileen Iniguez (bottom): Adhikara Budhyhartono, Cesar Ferrufino, Chris Salgado, and Juyeong Lee

# VAAS STEM EXPO



1: (from left to right) Jenna Mattinson, Sam Fischbach, Freddy Torres, Melita Haryono, Carmina Delos Santos, Jose Morales, Hersh Gupta, Amy Contreras, Hosna Qasmei, and Jas Delgado (behind the camera). 2: The VEX IQ robots, made by Balboa Elementary School students, huddle in a corner of their playing field. 3: Jenna Mattinson guides the red FRC game piece towards the Anesthesiologist. 4: The Robodox test out the VEX IQ robots before the Expo officially begins. 5: The robot, Annie, demonstrates its ability to shoot.

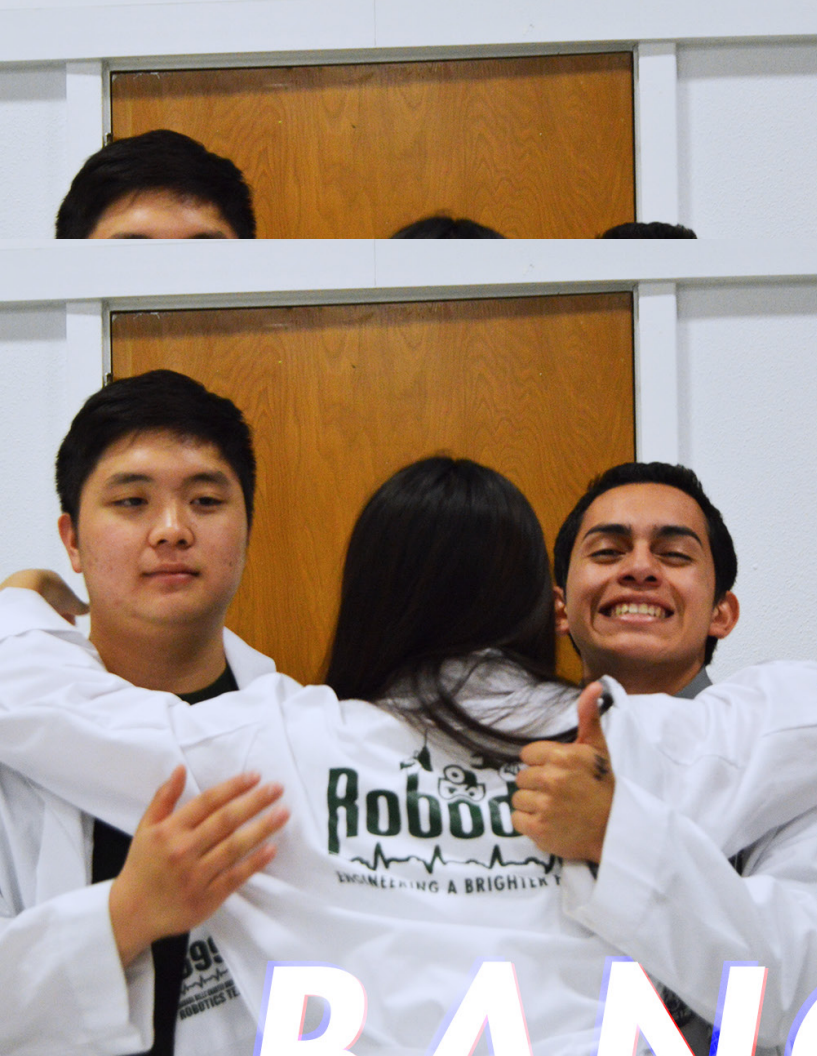


The Robodox attended the Valley Academy of Arts and Sciences' first annual STEM Expo on May 14, 2015. The Robodox sought to spread their unique flavor of STEM: Robotics. Of the ten Robodox members that attended the Expo, six presented their 2014 FRC robot and the remaining four showed off VEX robots.

The FRC group drove the Anesthesiologist ("Annie"), amazing onlookers with its ability to deftly fling and intake a large red ball. The team invited bystanders to play catch with Annie. (Many were hesitant due to the nature of Annie's swift movements.)

Meanwhile, the VEX group had a very different vibe with their robots. On a tiny playing field, they controlled VEX IQ robots made by elementary students that they visit weekly throughout the school year. The game that their robots played was simple: get the ball into the opposite goal. Nevertheless, this simple game showed both the Robodox and the VAAS STEM Expo the potential that children have and the importance of community outreach.

While the event was largely quiet, it was a great opportunity to meet the local STEM community and show off the 'Dox's skills.



# BANQUET





# BANQUET 2015

The end of the year marks a special event for the Robodox: The annual banquet. On May 15, 2015, Granada's robotics team gathered in their school's auditorium, Highlander Hall, to celebrate the team members and their achievements throughout the year. Throughout the event, team members, parents, mentors, and coaches sat around tables in anticipation for the food. Oh, and the awards.

The first major event were the superlatives given to each of the team members, one meant to be funny and the other serious. It wasn't long until the team members bursted into laughter at the humorous superlatives as they remembered treasured inside jokes and other team member's quirks. However, the same amount of appreciation was given to the serious superlatives that highlighted the skills that each team member brought or developed throughout the year.

Special awards were given to the seniors of the team, commemorating their dedication to the Robodox and the work they put into their subsystems. While team members found joy in seeing the seniors receive recognition for their achievements, it was hard for many to realize that in several weeks, they would be leaving the team. Despite this, the Robodox made the best of the banquet and carried on, enjoying what time they had left with their seniors.

Near the event's end, the Robodox made sure that they recognized some of the most important members of their community: the parents, mentors, and coaches who helped the Robodox succeed. Each of these individuals were given a photograph of the students and a collection of letters from students expressing their appreciation. Finally, the event ended with one of the most anticipated features of the annual banquet-- the slideshow. Media apprentice and sophomore Carleton Zhao created this year's slideshow, featuring pictures of the team members throughout the year.

Nostalgia filled the air as the team relived their favorite memories from pictures of competitions, the social, and other past events.

Overall, many enjoyed the banquet and it was a success. A majority of team members even wished that the event was longer than the standard two hours. While reminiscing the past painted smiles over the faces of many, the Robodox now look forward to the future and the memories they'll make next year--whether it be on the team, at a university, or anywhere else they decide to go in order to follow their aspirations.

**Contact The Robodox (Team 599) at:**  
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## UPCOMING EVENTS:

- Last Robodox Meeting: June 4, 2015
- Fan in the Stands: July 25, 2015 - August 2, 2015
- Robodox Social: August 22, 12-4 PM (Come earlier to help setup)