

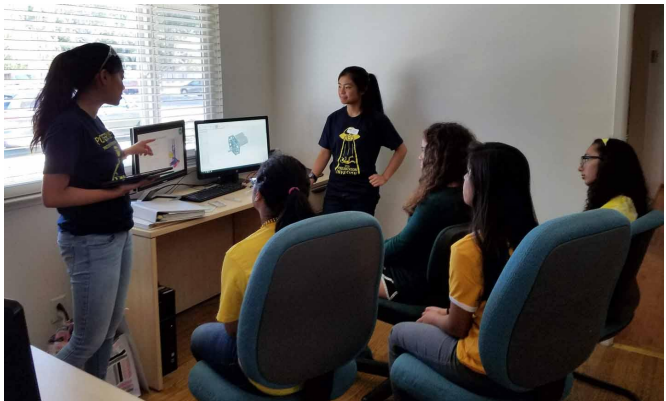
Recruiting New Members at the Annual Open Shop

Sarah Ungerer '20

Last Friday, September 7, 2018, Presentation Invasion hosted their annual Open Shop event for new members. A record-breaking 27 girls attended, with a total of 31 students being added to the roster. This brings our program to 75 members!

Throughout the day, the girls rotated through seven sessions based on the different sectors in robotics: mechanical design, control systems and software, manufacturing: machines, manufacturing: hand tools, safety, competition, and marketing.

The team is excited and eager to start off the season with all of its new members! Welcome to Team 2135!



Engaging Adults at Advantest

Christina Pham '20

On Tuesday, September 11, 5 girls went to Advantest, a potential sponsor, to give a presentation about the robotics team. Advantest is a manufacturer of automatic test equipment for the semiconductor industry and measuring instruments for designing, producing, and maintaining electronic systems.

In the girls' presentation, they talked about how Team 2135, FIRST, and FRC works in order to provide the company with background information about robotics. Then, they proceeded to explain the different aspects of Presentation Invasion and also demonstrated how the 2018 robot, Felix, runs during a match. During these runs, the employees were very engaged and interested in how the robots function.

The team looks forward to more opportunities like this to come in the future.



Training Sessions - CAD

by Kiana Layam '20 & Christina Pham '20

On September 18, students Kiana Layam '20, Zara Shariff '20, and Samantha Yang '19 hosted a seminar on design training at the Presentation High School campus for members who wanted to learn more about this field.

During this seminar, the presenters took the girls through the step-by-step process of how the team approaches the start of creating a new robot at the beginning of build season. Some important points that the girls covered included the deconstruction of the game, prioritization, prototypes, and solidworks (CAM).

The audience was interested and engaged throughout this session. Sowmya Shankar '20 stated, "It was very informative and it gave a good inside look into the process of how we approach designing a robot and robot parts." Teammate Anika Adulla '20 also mentioned that it was "helpful to know how the design team comes up with their ideas of how to accomplish tasks in such a short period of time."

This seminar was undoubtedly helpful in understanding how different parts of the robot are created and the team looks forward to expanding their knowledge about the robot's features and functions in upcoming training sessions!

Presentation Invasion Represents Robotics at ANSYS

Pallavi Saksena '20

On Thursday, September 20, 9 members of Team 2135 demonstrated their 2018 robot, Felix, to ANSYS, one of their sponsors.

At this casual event, the girls spread themselves out among the crowd to talk with others in small groups and answered various questions about the robot, competitions, and FIRST. They also showed video clips from past competitions in their discussions to emphasize Felix's capabilities.

The event ended with ANSYS receiving a thank you plaque from the team, which conveyed much appreciation for their sponsorship throughout the 2017-18 season.



Inspiring the Younger Generation One Event at a Time

Jessica Ibarra '19 & Sowmya Shankar '20
September 24, 2018

At Lowell Elementary School on September 23, the nine girls representing Presentation Invasion partnered with Sunday Friends to get children interested in STEM. Acting as guides, the team members allowed the kids to drive their robot, Felix, around and taught them how to pick up cubes.

Attendee Kiana Layam '20 said, "It was great to see that the kids were so excited about the robot and fascinated to see how it all works."

The girls had the fascinating opportunity to show the young children their possible future in STEM and to be the first to teach and inspire them to pursue robotics in their own future.

