



Our PVIT VEX team of freshman qualified for VEX World at the end of April. Pictured L-to-R: Noah Lin, Dominic Yore, Aaron Guo, Tyler Ewald, Rodrigo Boixo, and Cole Welcher.

PVIT Newsletter

March 11, 2018

REAL ENGINEERING OF REAL PROBLEMS

SCHEDULE FOUND ON PVIT.ORG

VEX Team Qualifies for World Championships!

On Saturday, the PVIT VEX team finished in the top four of alliances at the Central California VEX State Championships (the Southern CA event was full) and won a bid to the VEX World Championships. After a long night of working on the robot, the team had various problems throughout the tournament in Bakersfield, but managed to tune their performance and get autonomous code running just in time for the playoffs. Congratulations to this young team who will be travelling to Louisville, KY for the championships.

Spring Forward!

At 2:00am on Sunday, Mar 11, clocks will "spring forward" to go on daylight savings.

Boeing Internship Applications Due

If you are a junior and plan to apply for the Boeing internship, applications are due this **Friday, March 16**. The application is LONG, so please plan enough time to

complete the paperwork and turn it into Ms. Hafer's office.

OUTREACH EVENT Upcoming

Silver Spur Elementary School has invited PVIT to their Science night on Wed, Mar 21, 5-7pm. If you would like to participate in this great outreach event (counts for your PVIT outreach assignment), please email Mrs. Norris. Set-up is 4:30pm – you **MUST BRING YOUR PROJECT** and talk to the elementary school children about what you are working on.

Electric Car Battery Charger

The E-car team is missing the charger for their batteries – looks kind of like this charge except ours is blue. If you have seen the charger or know where it is, please let the team know.



MENTOR'S MINUTE



Mentor Shahram Namvari is new to PVIT and as with many mentors, is helping out because his daughter is involved with the rocketry team. Shahram received a BS and MS in Mechanical Engineering from USC and works at Boeing in Huntington Beach. He has enjoyed working on the Orbiter Hydraulic system, the Space Shuttle hydraulic system, and now works on the Soace Launch System thrust vector control actuators. In his mentoring, Shahram sees that Team 2 is really eager to see the rocket emerge from assembled parts and to fine tune parameters to make the rocket fly as specified. When he isn't working or mentoring, Shahram enjoys riding dirt bikes on mountain trails and restoring his 1969 Mustang.

Thank you to all students and mentors who helped to show off your PVIT projects to the WASC committee. The visiting educators were extremely impressed with the technical capability, dedication, and teamwork of all the students and teams. The PVIT program was mentioned over and over in meetings throughout the week as an impressive display of learning. Thank you to everyone for your help to highlight your great work.

