

Los Altos Academy of Engineering

NEWSLETTER

“Building a cleaner, more fuel efficient tomorrow”

OCTOBER 2017



Engineering Class of 2017-2018

A New Year



As the school year is starting out, the engineering students are hard at work. This year is going to be a busy year for each team since Los Altos Academy of Engineering has been chosen to participate in the Solar Cup Challenge. In addition to that, the students of the Engineering Program have also been spending their time volunteering for various organizations to help the community. This year, they have already worked with Servants Arms at La Puente City Park and with Lion's Club at the Industry Hill Pro Rodeo.

Solar Cup Challenge

By: Christine Castrellon

This year Los Altos Academy of Engineering (LAAE) will be participating in the Solar Cup Challenge hosted by The Metropolitan Water District of Southern California. The event held at Lake Skinner challenges high school

students to design and build a solar powered boat that is able to withstand going up against others and conditions that the lake offers. The engineering program has participated in the event eight times prior to this year.

Although the group being selected to partake in the event this year has not raced, nor have prior experience, each individual team (design, mechanical, composites, and electrical) will be working together to take on the challenge head on. This was exciting news to the engineering program, as composite team leader Daniel Mesaya says, "Although last year we were rebuilding the engineering program, it was exciting to hear that we will be competing in the event since it gives us a chance to show the skills we acquired over the year." In order to qualify for the race the participants and boat must pass several inspections, technical tests, and provide a public service message by creating a conservation themed video. The Los



competing from May 19-21st but will have workshops to build the boat throughout the seven months prior to racing.

Lending a Helping Hand

By: Tiffany Liao

A few members of our engineering team volunteered at the Servant Arms Block Party on Saturday, September 16th. The organization has been a constant supporter of the Los Altos Academy of Engineering.

The Servant Arms Block Party serves the less fortunate people of the community. There were several stations including food supply, clothing supply, shoe supply, and lunch. During the event, engineering members helped pass out bags filled with food like granola bars and grits for families who came through. Other members assisted with serving lunch to those who attended the block party.

The heat of the day did not seem to bother the volunteers as they worked diligently to support those in need. Public Relations member Kevin Ku said, “I know it was hot, but being able to help out members of my community made it worth the while.” Tiffany Liao, design team



leader, had similar thoughts. “The Servant Arms have done quite a lot to sponsor the Los Altos Academy of Engineering so I think it is important for us to give back. Plus, it was an extremely humbling experience.”

As a group, we learned about our surrounding community and explored ourselves in the process of this event. Steven Mendez said, “The experience really broadened my perspectives on the world around me. There are people who are not as fortunate as I am and Saturday was a good reminder of that.”



Collectively as a group, we hope to be able to do more of these community service events in the future. As a team, we can give back to the community, all the while bonding with each other through service.

Lion’s Club

By: Kevin Ku

Members of the Engineering team met at the Pro Rodeo to help fundraise for Lion's Club. Lion's Club is an organization with over 1.4 million members. These members help out their local communities in various ways. Lion's Club has always provided the program a helping hand and we decided to return the favor, so the Los Altos Engineering team worked hard to fundraise for the club. The team sold food and beverages at the Pro Rodeo, allowing the Lion's Club members to take a much needed break from all the hard work that they do. Afterwards, the engineers stayed after closing hours to help the volunteers clean up after a long day. Overall, the event was a success, and the team was able to support the community that we all love.



THE LOS ALTOS
ENGINEERING



ACADEMY OF



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UPCOMING DATES:

MAY 19-21

THANK YOU!

WE WOULD LIKE TO THANK ALL OF OUR WONDERFUL SUPPORTERS FOR ALLOWING US TO CONTINUOUSLY IMPROVE THE PROGRAM.

CONTACT US!

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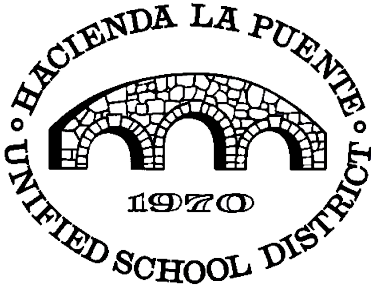
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