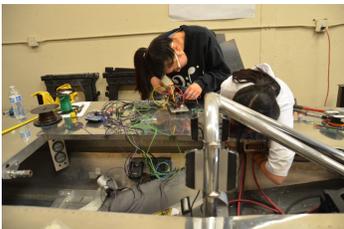


The Walnut Solar Car Team is known for its creative designs on building solar cars but the creativity does not stop with our cars. The team's creativity can also be seen in our fundraising activities. As part of our fundraising activities in the month of March, the team put on a spectacular Talent Show at Gard's Music. Performances from team members ranged from playing the drums, piano, duos, and much more. It was a night filled with joy, music, and laughter. Our Annual Talent Show fundraiser was a total success and allowed team members to display their musical talents. Among our attendees included a friend and a long time supporter of WSC, Mr. Gary Chow, from SGV Charitable Foundation. Mr. Chow presented the team with a check. We are extremely thankful and grateful for Mr. Chow's generous and continuous support.



In the past 2 months, the Walnut Solar Car members have been focusing on the electrical components of both cars. The wiring for the electric car is now completed with all wiring put in conduits for organization purposes. With everything properly wired on the electric car, the team is ready to move forward and begin adding the body on the car.

Since our solar car has a very unique and different design, it requires more time and resources to complete the electrical wiring. The structure of the solar car has been completed and allowed us to focus on the car's electrical work.



The electric car now has floor bars made out of a sheet aluminum that were welded and riveted together. Full of excitement and energy, our team completed the electric car's control panel, auxiliary system, and the wiring for the lead acid batteries. The lead acid batteries are used as a source of power which will be charged during the race by our solar panel charging station. The control panel holds all the switches required for the functioning of the electric car. The auxiliary system will control front and rear lights, the horn,

and brake lights. In order to ensure minimal disruptions during the race, the team must ensure that all wiring is done properly and organized by running them through conduits. The electric car is soon ready to be tested.



WSC believes in the importance of spreading awareness of The Walnut Solar Car Team. We do this by having community outreaches or participating at public events. As a result, this month we participated in the Footprints 2017: Making Tracks for Neighbors in Need. The event was sponsored by the Catholic Charities of Los Angeles San Gabriel Region. Our team members participated by walking to raise awareness and funds for less fortunate residents in our community. Our team also provided local residents with information about our solar car and electric car, our team's mission, goals, and the Solar Car Challenge.



On March 26<sup>th</sup>, our team captains participated in the CIE STEM 5-Star Challenge. The CIE STEM 5-Star Challenge is a very unique competition that allows individuals or teams to present research and findings related to STEM subjects and must impress the judges in order to obtain all five stars. Last year, WSC team competed along with students from Caltech, Pasadena Community College, and Mt. San Antonio College. Stay tuned to next month's newsletter to learn the results of the CIE STEM 5-Star Challenge.

In the upcoming month of April the team will have a Chipotle fundraising event on Saturday, April 1st from 5-9pm at Chipotle in Walnut. The funds raised from the event will go towards the team supplies and materials for both cars. The Walnut Solar Car Team will also participate in the Diamond Bar Birthday Party scheduled on April 8th at Pantera Park.

