



CITRUS CIRCUITS

MARCH 2018

UPCOMING EVENTS

**Houston
Championships**
April 18-21

SPONSORSHIP UPDATES

Jupiter
DJUSD
UC Davis
NVIDIA
TechnipFMC

Saturn
IFI

Neptune
First St. Realty - Claire Slotton
UC Davis School of Medicine
UC Davis College of Agricultural and Environmental Sciences
UC Davis College of Biological Sciences

Venus
Aerometals
DMG Mori
Hill Engineering
M Cubed
SunPower
UC Davis College of Engineering
UC Davis College of Letters and Science
UC Davis Global Affairs
WestCoast Products

Mercury
Far Western Anthropological Research Group
Da Vinci Boosters

Inkind/Other
Markforged
Solidworks
GitHub
Fastenal

LINKS

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 facebook.com/frc1678

 twitter.com/frc1678

 instagram.com/frc1678

 youtube.com/citruscircuits

CITRUS CIRCUITS WINS AT SACRAMENTO REGIONAL

Citrus Circuits competed in the Sacramento Regional, hosted by UC Davis, from March 21 - 24 at the ARC Pavilion in Davis. Over 64 teams came to compete, not only from California, but Nevada, Hawaii, and Brazil as well. We seeded first after qualification matches, allowing us to choose Team 1323 Madtown Robotics from Madera and Team 3970 Duncan Dynamics from Fresno as our alliance partners. After progressing through the qualification matches undefeated and achieving a 3.87 out of 4 ranking point average, our alliance advanced to the finals and won the regional. In addition, we also won the Chairman's award, an award honoring teams that demonstrate exceptional outreach programs. For the past five years, we submitted for the Chairman's award and continued to grow our outreach programs. Our team won this award because of our summer RoboCamps, Farmers Market booth, DYR competitions, and the mentorship and support we received from other teams. This milestone for Citrus Circuits motivates us to pursue new heights as we Educate, Empower, and Excel.



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CENTRAL VALLEY REGIONAL WIN

Citrus Circuits competed in their last event of the regular season, the Central Valley Regional. It took place from April 5 - 8 in Fresno with 48 teams from California and Hawaii. After qualification matches, our team seeded first with a total of 11 wins and 1 loss. Despite a disappointing loss against MadTown Robotics in our last match, we seeded first and were able to choose MadTown as our alliance partner along with Team 4698 Rio Robotics from Sacramento. Our team made it all the way to finals and secured our third regional win in an exciting pair of matches against an alliance led by 1538 Holy Cows. With this Regional over, our next competition is the FIRST Championships in Houston, Texas, from April 18 to 21.



WE WON THE ENTREPRENEURSHIP AWARD



For the first time in Citrus Circuits history, we won the Entrepreneurship Award at the Central Valley Regional. This award celebrates the entrepreneurial spirit, and honors a team that has developed a comprehensive business plan and displays the vital business skills to ensure a self-sustaining program. This award was made possible by the ongoing effort of the entire Business and Media subteam, all of whom contributed their ideas, time, and effort.

UPDATES ON DYR ROBOCAMPS

This summer, Citrus Circuits is hosting six weeks of RoboCamp for children going into grades 4-8. Camps include Introductory/Intermediate, Intermediate/Advanced, Advanced Programming, and Girl Powered. These camps all help promote both robotics and STEM education in the Davis community. Students from Citrus Circuits will be Camp Counselors and guide campers through hands-on robotics and fun activities. During each week, RoboCampers will start out by building and constructing their robot. After making any necessary structural changes to complete the game, campers will program an automated robot routine and test it on a game field. At the end of the week, campers will compete in three challenges: Auto-challenge, Team Challenge and Driver's Skill Challenge. The participants that do the best in each challenge win an award. By the time the camp ends, the campers will be inspired to continue working with robots and programming.

INTERVIEW WITH SPONSOR CLAIRE SLOTTON

We recently interviewed Claire Slotton from First Street Realty, one of our local sponsors, about Citrus Circuits. She is a long time Davis resident and works as a Realtor through First Street Realty. Claire is very passionate about the environment, eats local food from her garden, bikes in her free time, and works toward creating zero waste.

Why did you decide to sponsor our robotics team?

I am deeply interested in engaging students in science and math. Citrus Circuits, the Davis High robotics team, does that and so much more! On a tour of one of their work days, I was given tours of the different subteams; the mechanical shop was headed up by a woman - It nearly made me weep. When I was in high school that would have been very unusual. I also saw young people working hard on challenging issues (with a sprinkling of assistance from a few saintly adults). They had a task and they did what it took to work it out. That's grit. Every employer is looking for that and every employee who has it has a better likelihood of having a rewarding career. What better way to get launched into a life of curiosity and accomplishment?

What aspect of being a sponsor do you find the most rewarding?

I am especially interested in Citrus Circuits reaching out to and mentoring other schools to start their own programs, which they are doing successfully already. I'm hoping to assist with that in the future by offering my sponsorship in the form of matching funds for any fund raising those kids can gather.

How do you see Citrus Circuits as a part of our city's community?

I think Steve Harvey, Citrus Circuits' head coach, has offered Davis kids the gift of love of science. We need scientists. We need accomplished team workers. What a gift it is.

What would you say to other local sponsors interested in supporting our team?

Chip in. These young people will amaze you.



Claire Slotton (left) and her assistant Nicole Altamirano