

For Inspiration and Recognition of Science and Technology

Poway High School – FRC Robotics Team 1622

Won the **Engineering Inspiration Award**, plus **\$5000** Registration to the World Championship, the **Underwriters Laboratories Industrial Safety Award**, and the **Safety Star of the Day – Sheldon Boyd**



Ryan Berardelli - FRC 1622 Team Spyder Robot

Please Congratulate the Poway High School's FIRST Robotics Students

Competing at the San Diego Regional
OUT OF 58 TEAMS TOTAL AT THE
EVENT!

The team made it to the quarterfinals, ranked 6 out of 58 robots with an average score of 77.7. This was an entire team accomplishment from

industrial design to engineering/fabrication, entrepreneurship and strategy for our team. Each sub-group in our team participated in the strategy and concept for the robot. We have two subgroups called Engineering Design and Business Operations. The team is entirely run by students, and the robot is built by the students.



Engineering Inspiration Award: *The Engineering Inspiration Award celebrates outstanding success in advancing respect and appreciation for engineering and engineers, both within their school, as well as their community. There are two top awards at the competition, Chairman's and Engineering Inspiration Award. Although we are already accepted, this award qualifies us for the World Championship in Saint Louis and NASA donates the \$5000 registration fee for us to attend.*

Underwriters Laboratories Industrial Safety Award: *Celebrates the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards. The winning team consistently demonstrates excellence in industrial safety performance that shines throughout the competition from uncrating to re-pack. This is the 14th time we have one this award since 2006 and we won it at all three regionals this 2015 season, which is unheard of! Amazing!*



Please congratulate students in the robotics team:

1. Addington, Philip
2. Anderson-Apodaca, William
3. Baker, Daniel
4. Berardelli, Ryan (HS)
5. Bolinder, John
6. Bonilla, Wayne
7. Boyce, Corey
8. Boyd, Shelldon
9. Brisebais, Gavin
10. Chan, Ryan
11. Chiu, Cedrick
12. Cooper, Ryan
13. Coughlin, Robert
14. Crawford, Alison
15. Custodio, Carly
16. Daugherty, Brendan
17. Dixon, Cole
18. Downs, Michael
19. Edgington, Cody
20. Fitzpatrick, Payton
21. Fu, Theodore
22. Gill, Navjot
23. Grewal, Bhavdeep
24. Hiemecke, Adley
25. Hodzic, Enio
26. Hofstedt, Rosemary
27. Johnson, Reid
28. Kanenobu, Shaka
29. Kim, Christian
30. Langley, Jonathan
31. Lavagnino, Anthony
32. Le, Duy
33. Lemus, Angel
34. Lettang, John
35. Mandell, George
36. Martinez, Christopher
37. McConnin, John
38. Morris, Matthew
39. Mulhall, Chad
40. Ortega, Connor
41. Ortega, Tyge
42. Reichard, Ian
43. Roberts, Kent
44. Salamy, Michael
45. Sanders, Chris
46. Serrano, Elise
47. Schwartz, Christopher
48. Setiady, James
49. Sit, Derek
50. Skvoretz, Anton
51. Stadler, Benjamin
52. Sweeney, Nicholas
53. Thomas, Philip
54. Ugalde, Elaine
55. Vijay, Adhvarth (HS)
56. Villar, Gabriel
57. Widjaja, Ignatius
58. Wheeler, Seth
59. Wong, Zack
60. Zhao, Ryan

For videos of the matches, go to:

<http://www.thebluealliance.com/team/1622>

Check out this year's game at:

<https://www.youtube.com/watch?v=W6UYFKNGHJ8>

And the game Manual Description at:

<https://rps01.usfirst.org/frc/manual/2015/FRC2015GameManual.pdf>

Note: This is our tenth anniversary year competing in the FIRST Robotics competition (FRC).

A personal thank you to ROP, Poway High School, PUSD, the PUSD Board of Education and the many parents/mentors that helped the students to be successful this year.

We would also like to thank our sponsors: Cubic / Qualcomm / Northrop Grumman / Evolution Controls Inc. / Leidos / BAE Systems / Abbott Fund / PTC / Lockheed Martin / Cymer / The Todd and Mari Gutschow Family Foundation / Teradata Corporation / General Atomics Aeronautical Systems Inc. / Palomar Technologies / NDEP / Raytheon Integrated Defense Systems / TechFlow / JINX / INCOSE / IMS Electronics Recycling / City of Poway / CoLogiq / Quik-Pak / Performance Titanium Group / Malgorzata Couture & POWAY HIGH and PUSD for their generous donations and support, allowing the PHS Robotic students to compete this year.

A personal thanks goes out to the PHS Advisory and mentors for their countless and tireless hours that they put into making the team successful during this 2014-2015 season.

For more information regarding FIRST Robotics go to

<http://www.usfirst.org/> and visit our website at

<http://www.teamspyder.org/>

For more information contact:

Rodger Dohm
Poway High School
Poway High Robotics Lead Advisor
Robotics Advisor Team 1622 FIRST
rdohm@powayusd.com
(858) 748-0245 x.5307

Todd Parr
Poway High School
Robotics Team Advisor
Team 371/372 FIRST TECH
tparr@powayusd.com
(858) 748-0245 x.5306

We will now compete in the International Worldwide Championship, in Saint Louis, Missouri for the FIRST Robotics Competition on April 22nd-25th. Go Team Spyder!

1622 Team Spyder Pit – Elise Serrano speaking to the judges

From left to right, Kent Roberts (Pokémon hat), Judges, Elise Serrano and Ryan Berardelli



Team Spyder in front of the Valley View Casino Center (San Diego Sports Arena)

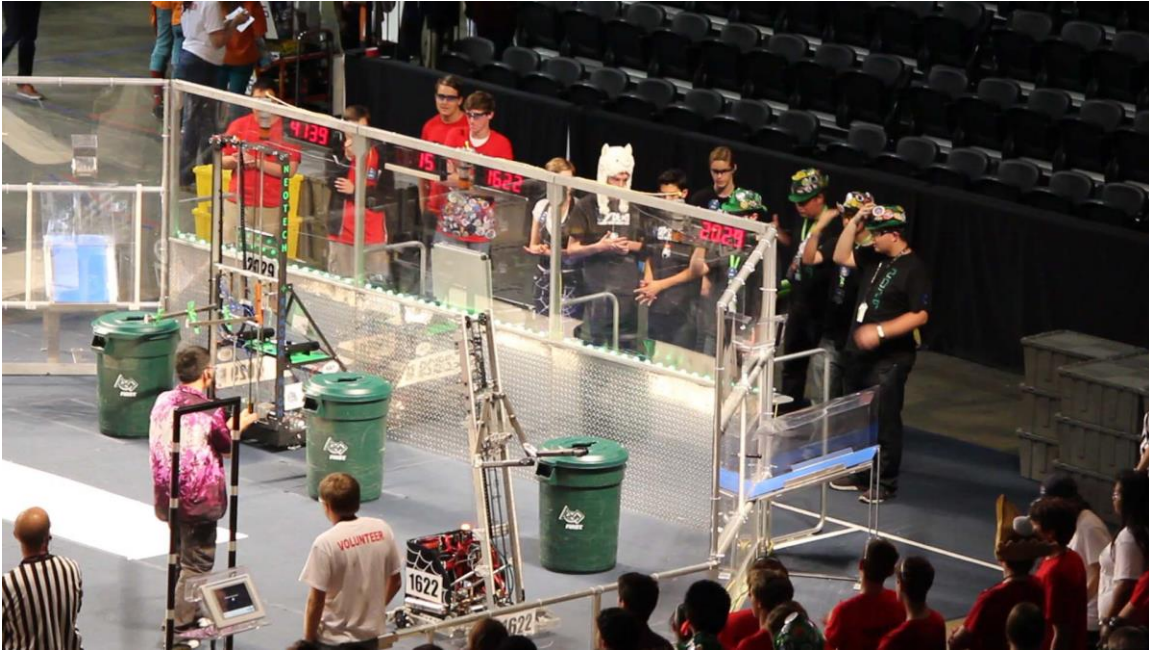


From left to right, row one, Rosemary Hofstedt, Philip Thomas (holding trophy), Sheldon Boyd (holding UL sign), future Spyders, row two, mentor Jason Lindquist, Adley Hiemcke, Angel Lemus, Christopher Schwartz, Philip Addington, Ian Reichard, Seth Wheeler, Ignatius Widjaja, mentor/alumni Nikki Gonzales, head coach Rodger Dohm, row three, mentor David Berardelli, Gabriel Villar, Shaka Kanenobu, Enio Hodzic, Bhavdeep Grewal, Theodore Fu, Elise Serrano, Carly Custodio, Cody Edgington, mentor Sarah Nuygen, mentor/alumni Ian Crawford, Tyge Ortega, Nicholas Sweeney, Alison Crawford, Ryan Berardelli, Westin Marcue, Christopher Martinez, John Lettang, John McConnin, Cedrick Chiu, Anton Skvoretz, assistant coach Todd Parr, row four, mentor/alumni Michael Mascarenhas, Kent Roberts (Pokémon hat), Connor Ortega, Navjot Gill, Corey Boyce, James Setiady, Christian Kim, Chris Sanders, Daniel Baker, row five, Reid Johnson, Michael Downs, Derek Sit, Gavin Brisebais, Duy Le, Michael Salamy, Ryan Zhao, Brandon McGoey, mentor Christoph Hiemcke, mentor Oscar Rodriguez, and mentor Matthew Culley.

2015 FRC Game Recycle Rush

On the field from left to right, Drive Team: Alison Crawford, Kent Roberts (Pokémon hat), Ryan Berardelli, and Rosemary Hofstedt.

1622 Team Spyder in the Quarterfinals with Ramona High's Neo-Tech 2029



1622 Team Spyder – Shelldon Boyd winning the Star of the Day Award



From left to right, Safety Judges, Shelldon Boyd