

For Inspiration and Recognition of Science and Technology

## Poway High School – FRC Robotics Team 1622

Won the **Underwriters Laboratories Industrial Safety Award and Safety Star of the Day – Shelldon Boyd**



FRC 1622 Team Spyder Robot

Please Congratulate the Poway High School's FIRST Robotics Students

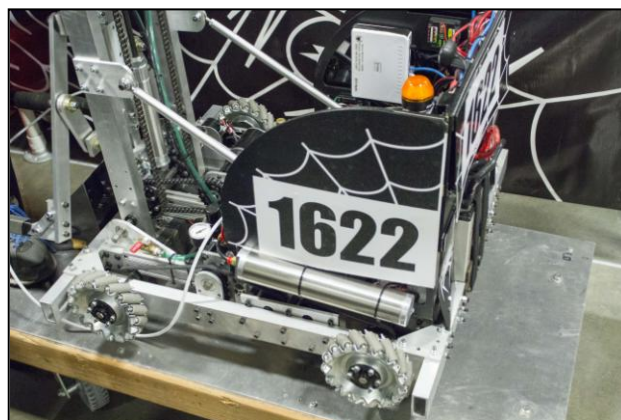
**Competing at the South Florida Regional** OUT OF 55 TEAMS  
TOTAL AT THE EVENT!

We did not place, but were well represented at the event ranking 31 out of 55 robots with a record of 3-7-0 and an average of 45.50 in scoring. 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 students.



***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.

At the Florida Regional in Fort Lauderdale every team had a working robot and was very competitive. Our robot performed flawlessly. If it was not for the first match with two penalties our robot would have been ranked much higher for performance. In spite of the intense competition our drive team managed to make 40 points at each match. This is a tall order while learning how to drive the robot since we shipped it to Florida right after it was built. As a team attending the Florida Regional it was great preparation for the upcoming regionals in Bayou and San Diego.



## 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>

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**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. / Liedos / 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:

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Robotics Advisor Team 1622 FIRST  
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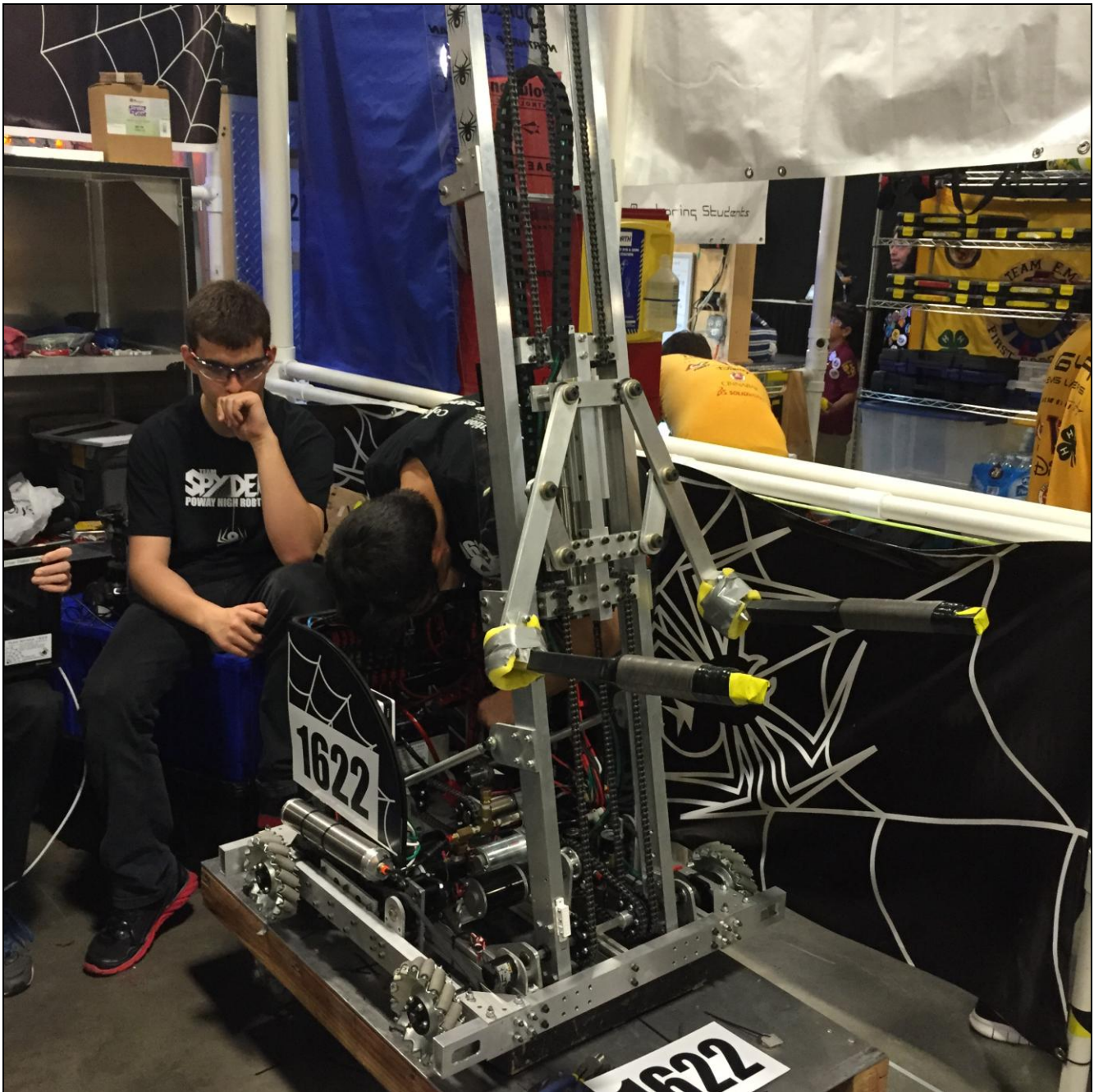
Todd Parr  
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Team 371/372 FIRST TECH  
[tparr@powayusd.com](mailto:tparr@powayusd.com)  
(858) 748-0245 x.5306



We are now off to the Bayou Regional in New Orleans, Louisiana where we will compete on March 19th-21st. Following the South Florida and Inland Bayou Regionals, we will be competing at the San Diego Regional on April 2<sup>nd</sup>-4<sup>th</sup> at the Valley View Casino Sports Arena and then hopefully to Saint Louis for the International Worldwide Championship FIRST Robotics Competition on April 22<sup>nd</sup>-25<sup>th</sup>. Go Team Spyder!

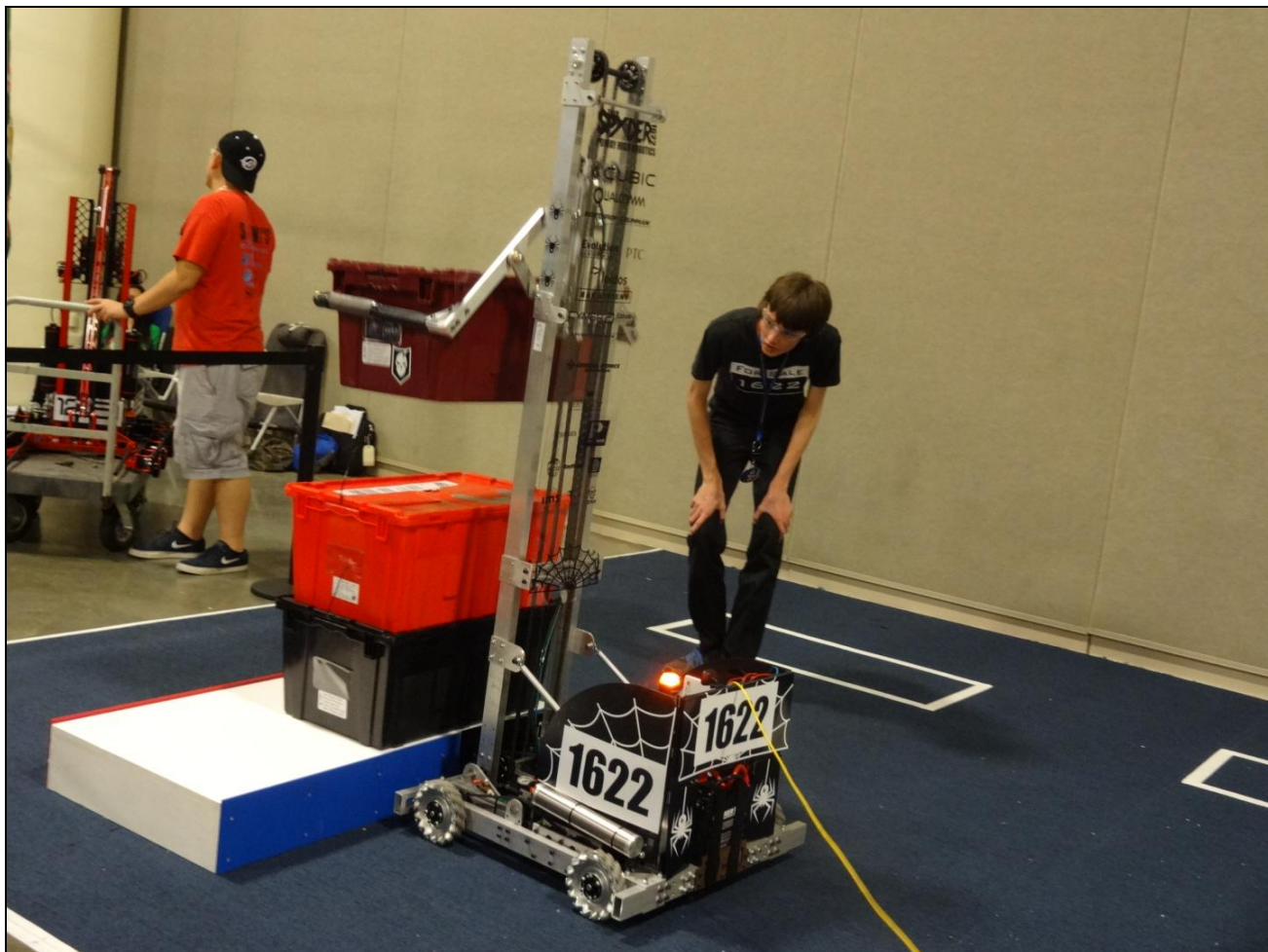
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### 1622 Team Spyder Robot





## 2015 FRC Game Recycle Rush



1622 Team Spyder – Sheldon Boyd Winning the Star of the Day Award



**Team Spyder in front of the  
Greater Fort Lauderdale-Broward County Convention Center**



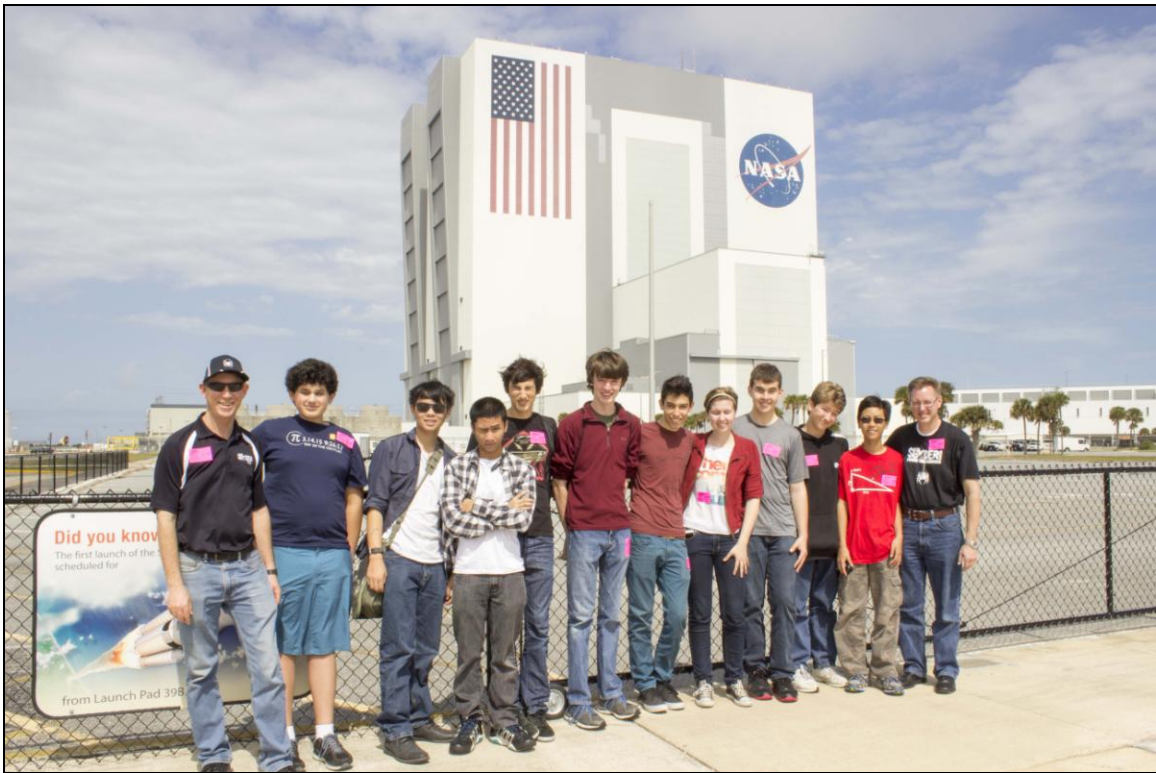
From left to right, coach Todd Parr, Matthew Mooris, Ignatius Widjaja, John McConnin, Ryan Chan, Christopher Martinez, Sheldon Boyd, Chris Sanders, Kent Roberts, Alison Crawford, Ryan Berardelli, and coach Rodger Dohm

**Kennedy Space Center**

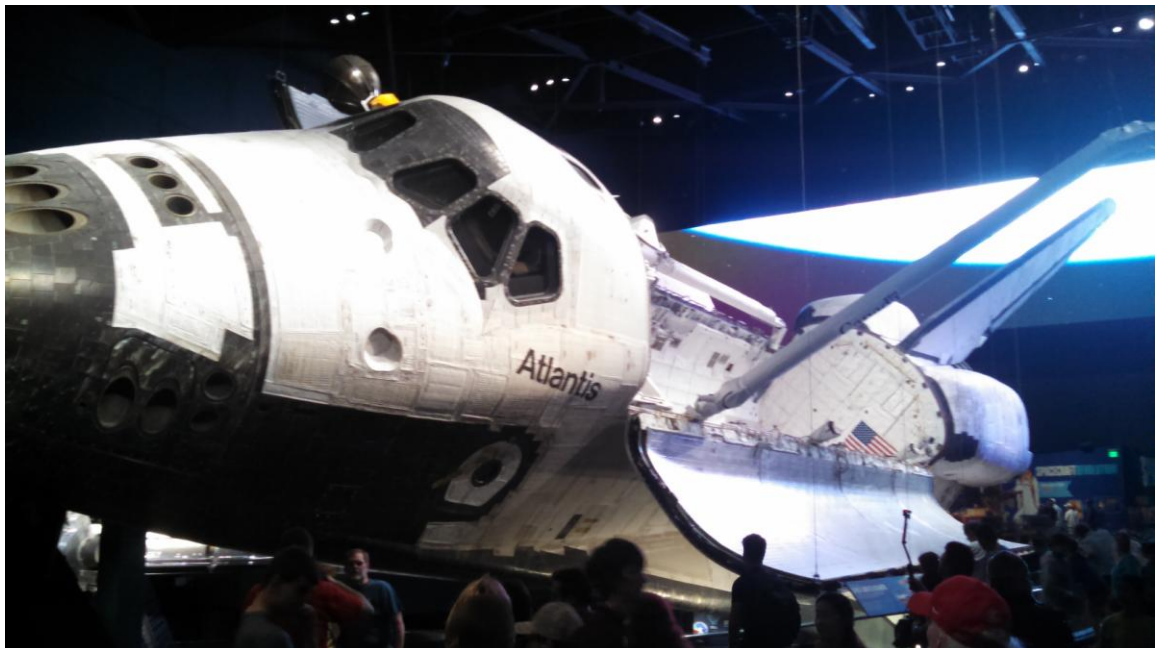


From left to right, coach Rodger Dohm, Chris Sanders, Christopher Martinez, John McConnin, Sheldon Boyd, Ryan Chan, Ignatius Widjaja, Kent Roberts, Matthew Mooris, Alison Crawford, Ryan Berardelli





**From left to right, coach Todd Parr, Chris Sanders, Ryan Chan, Shelldon Boyd, Christopher Martinez, Kent Roberts, Ryan Berardelli, Alison Crawford, Matthew Mooris, John McConnin, Ignatius Widjaja, and coach Rodger Dohm**



**Space Shuttle Atlantis**