

CREC Academy of Science and Innovation - Robotics Team

Preparing for National, International, and World Competition Events



chooseASI.org

2019 Accomplishments

- WORLD Champions - Innovate Award
- New England Regional Champions - Engineering Design
- CT State Champions - Engineering Design
- CT State Finalists (Sophomore Team)

2018 Accomplishments

- US National Champions - Robot Skills (programming & driving)
- US National Champions - Autonomous Programming
- CT State Champions in BOTH Engineering Design 3x & Robot Skills
- MA State Champions in BOTH Engineering Design & Robot Skills
- New England Regionals Robot Skills - 3rd place

Goals

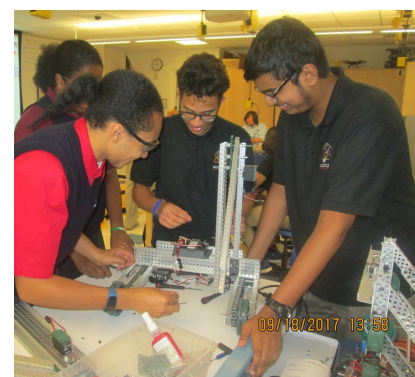
- Goal # 1: Compete in China, collaborate internationally, and improve our cultural intelligence
- ✓ Goal # 2: Double participation by increasing the number of robot teams at ASI from 2 to 5 in 2019
- ✓ Goal # 3: Improve our ranking (from 32nd) at the Robotics Worlds



For the first time in school history, the CREC Academy of Science and Innovation (ASI) Robotics team are New England Regional Engineering Design award winners, US National Robotics Champions AND World Robotics Winners! The team's story is unique, as we began the 2017-2018 season by combining two schools, each with their own robotics teams. Without delay, the team bonded and began a journey that would ultimately bring them to the highest level of competition that any of the students had ever experienced.

Expecting great things from this year's team, the school has budgeted enough money to take 12 students to a single out of state competition. Last year's students who competed at the US

Robotics Nationals and Worlds were so motivated to return that they significantly elevated their skills in order to rise to the challenge. Little did we know that so many students would perform at such elevated levels and qualify for both competitions. In order to sustain the program and ensure future excellence, we



would truly love to send all eligible students to both Nationals or Worlds and to China!

After winning the engineering design award three times in Connecticut and once in Massachusetts, the team went on to win robot skills (a combination of design, building, driving, and programming) in both states. This led to a 3rd place seeding at the Southern New England Regional Championship in Worcester, Massachusetts and ultimately the US National Championship! As we have hosted Chinese educators at our school and aim to develop international relationships with students from all over the world, the team hopes to host a team from China in 2019 as well as compete in the Asian Pacific Robotics Qualifier.

In order to compete at the Regional, National, and International/World level, the team must raise a substantial amount of money (approximately \$80,200.00 this year in order to allow the entire team to participate).

The real-world skills being developed by our students are preparing them for jobs in all areas of engineering and technology. Collaboration, leadership, teamwork, mechanical and electrical engineering, programming, and character development are at the core of their learning experiences.

We truly appreciate the time you have taken to consider our request and thank you for any contribution you make to improve the lives of our amazing students. **Through The CREC Foundation, a 501(c)3 nonprofit, your donation is fully tax deductible!**

Sincerely,

ASI Competition Robotics Team - rpolselli@crec.org



Summary of Funding Needs

- 17k for Nationals - 1k per student
- 12k for Worlds - Partially funded by students and sponsors
- 52k for trip to compete in the Asia Pacific Robotics Qualifier - China Trip

Event #1: US Robotics Championship (Council Bluffs, Iowa)					
Cost - Council Bluffs, IA	Description	Qty	Subtotal	Total	\$16,652.83
Travel	Airfare	19	\$498.57	\$9,472.83	
Overnight Accomodations (5 nights)	Hotel (5 rooms at 5 nights)*	25	\$120.00	\$3,000.00	
Meals	Food (Brakfast, Lunch and Dinner for 6 days)	228	\$10.00	\$2,280.00	
Rental Cars (2) - 1 week rental rate	Rental Cars (12 Passenger Vans) - 1 Week	2	\$950.00	\$1,900.00	

Event #2: World Robotics Championship (Louisville, KY)					
Cost - Louisville, KY	Description	Qty	Subtotal	Total	\$11,503.39
Registration	Entry Fee	1	\$995.00	\$995.00	
Travel	Flights	13	\$396.03	\$5,148.39	
Overnight Accomodations (5 nights)	Hotel (5 rooms at 5 nights)*	25	\$100.00	\$2,500.00	
Meals	Food (Brakfast, Lunch and Dinner for 6 days)	156	\$10.00	\$1,560.00	
Rental Cars (2)	Rental Cars (7 Passenger LARGE SUV)	2	\$650.00	\$1,300.00	

**All sponsors will be prominently promoted on our team Shirts, Website, Facebook, Twitter, and Instagram.*

Event #3: Asia Pacific Robotics Qualifier (Hong Kong, China)					
Item	Description	Qty	Subtotal	Total	\$52,109.00
Registration	Entry Fee	1	\$995.00	\$995.00	
Travel	Flights	15	\$1,242.00	\$18,630.00	
Overnight Accomodations (5 nights)	Hotel (4 rooms at 9 nights)*	36	\$199.00	\$7,164.00	
Meals	Food (Brakfast, Lunch and Dinner for 9 days)	234	\$15.00	\$3,510.00	
Evening Events	Cultural Experiences, Signseeing, etc. (5 days)	15	\$100.00	\$7,500.00	
Tour Director	Professional company/guide/translator	1	\$750.00	\$6,750.00	
Rental Cars (2)	Ground Transportation (driver and bus) - 8hr/day	1	\$7,560.00	\$7,560.00	

4 Easy Ways to contribute!

Sponsorship Voucher



www.ASIRobotics.org

Sponsorship Tiers

Silver - \$500 - \$999: Name on Website, Social Media, & T-Shirt

Gold - \$1,000 - \$4,999: Name on Website, Social Media, T-Shirt & Banner

Platinum - \$5,000 and above: Name & Logo on Website, Social Media, T-Shirt, Banner, & on the Robot

#1 - Direct support through PayPal - www.crec.org/c/asi-robotics

#2 - Family support through PayPal - www.crec.org/c/asi-robotics

#3 - Employer support - PLEASE check with your employer to see if they have a matching gift program!

#4 - Company/Corporate sponsorship - Checks can be made payable to:

ASI Robotics

c/o The CREC Foundation

111 Charter Oak Ave.

Hartford, CT 06106

For check donations, please return check with completed form.

Company Name: _____

Contact Person: _____

Address: _____

Telephone Number: _____

Email Address: _____

Student responsible for donation: _____

THANK YOU



All sponsorship donations are 100% tax deductible through our partnership with The CREC Foundation, a 501(c)3 charitable organization!

Special Thanks to all of our generous donors!

Platinum Level (\$5,000 and above)

- Stanley Black and Decker (\$12,000)
- Zuvic Carr and Associates Consulting Engineers (\$6,800)

Gold Level (\$1,000 - 4,999)

- Avis
- Lois Rivet
- Peter Paul
- Novel Tees Screen Printing
- Dr. and Mrs. Robert Polselli, Jr.
- Mark and Denise Robinson
- United Technologies

The logo for Stanley Black & Decker is displayed in a yellow, parallelogram-shaped banner. The text "StanleyBlack&Decker" is written in a bold, black, sans-serif font, with the ampersand being a stylized, bold symbol.

Silver Level (\$500 - \$999)

- The Realty Trust, LLC
- Beacon Pharmacy
- Burns McDonnell
- Little Caesars Pizza
- MTM Equipment Services



Bronze Level (\$100 - 499)

- Douglas Mechanical Services, Inc.
- Max Pizza II
- Mr. Robert Polselli, Sr.
- Samantha Polselli, RN
- Ogoz Business, LLC
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