



FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

FIRST Robotics Competition Team 467: Shrewsbury High School



A photograph of three young adults, two women and one man, standing together and smiling. They are dressed in formal attire. The woman on the left wears a white blouse with a blue floral pattern and has sunglasses on her head. The man in the center wears a dark blue suit, a white shirt, and a blue tie with a palm tree pattern. The woman on the right wears a dark blue button-down shirt and has pink sunglasses on her head. They are all standing against a plain, light-colored background.

Chairman's Presentation

A BIRD'S-EYE VIEW OF TEAM 467

SOAR with Team 467 Sharing Our Advancements in Robotics

Our 4-step plan to make a difference:

- Our Team
- Our Community
- Our State
- Our World



SOAR with Team 467

Sharing Our Advancements in Robotics

Our 4-step plan to **make a difference**:

- Our Team
- Our Community
- Our State
- Our World

Our Team

- **We are a family**
- **19 years** of FRC
- Record **109 students**
- Increase in females
- Student diversity!
- Grateful for mentor support



Our Community

Fall Festival and Parade

- Town expo
- Spread knowledge about 447
- Let kids try driving!



Elementary Demonstrations

- 4 Shrewsbury schools
- Simple machines in past years
- The engineering process this year
- Robot demo



Family Carnival and Parker Road Preschool



- Host Fall Family Carnival
- All profits go to Parker Road
- Volunteered for the last 3 years
- Built playground and garden

STEM Summer Camp

- 4 week program
- Grades 4-8
- Over \$21,000 raised
- ~100 students yearly



Girls in STEM

- Helped Girl Scouts earn 2 badges
- G.I.R.L.S. Workshop (Girls Innovating and Recognizing Leadership in STEM)



FLL

- 17 teams coached by 447 students
- 3 private teams assisted
- FLL kids continue to FRC!



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Our State

Mindstorm Mayhem

- Largest FLL qualifier in state
- Run entirely by 467
- 48 teams annually
- Jr. FLL team expo



Pie Bake

- 820 homemade pies
- Team fundraiser
- Donate 60 to Veterans Inc.



Sponsor Day



- Sponsors visit our shop in spring
- Would not be here without the support of our sponsors
- Sponsors range from local businesses to global companies

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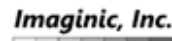
Sponsor Day

FRIENDS AND SPONSORS OF SHREWSBURY ROBOTICS 2017-2018 SEASON

SHREWSBURY ROBOTICS PLATINUM SPONSORS:



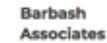
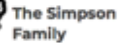
SHREWSBURY ROBOTICS GOLD SPONSORS:



SHREWSBURY ROBOTICS SILVER SPONSORS:



SHREWSBURY ROBOTICS BRONZ SPONSORS:



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Our World

Chinese FRC Team

- Assisted by 467 to compete in 2019
- Tour of our shop
- Foreign exchange program



Our Alumni

- Across the globe!
- SpaceX rocket launch
- Artificial limbs for kids in India
- Return to mentor, part of the 467 family



Safety outreach

- Every rookie team in New England
- Safety tips and information



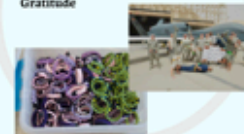
Humans and Robots of FIRST

- Growing social media platform
- Teams send pictures of their inspirational moments
- Posts reach thousands of people



Paracord Bracelets

- Previously partnered with Girl Scouts
- This year working with Operation Gratitude



Relay for Life

- Benefits American Cancer Society
- 12 hour walk
- \$3500 raised last year



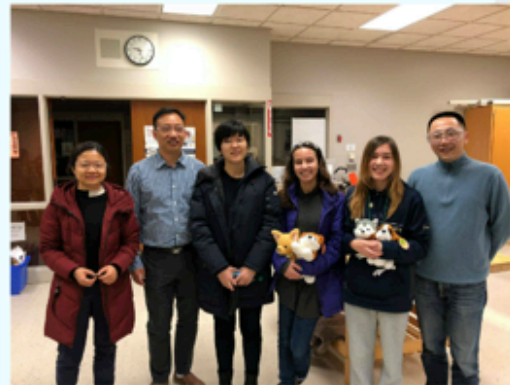
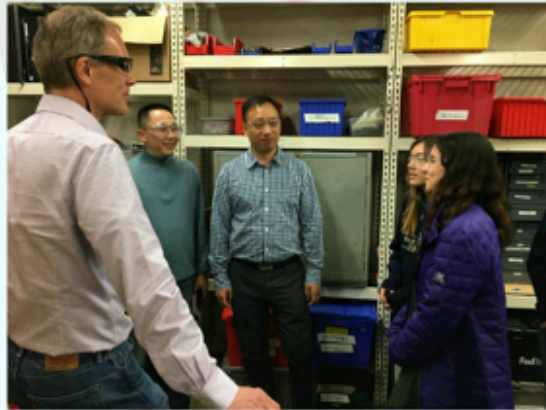
Hurricane Relief

- Gathered clothing, blankets, medicine
- Sent to citizens affected by Hurricane Maria



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We are **Team 467**
The Shrewsbury Colonials

SOARing to new heights!



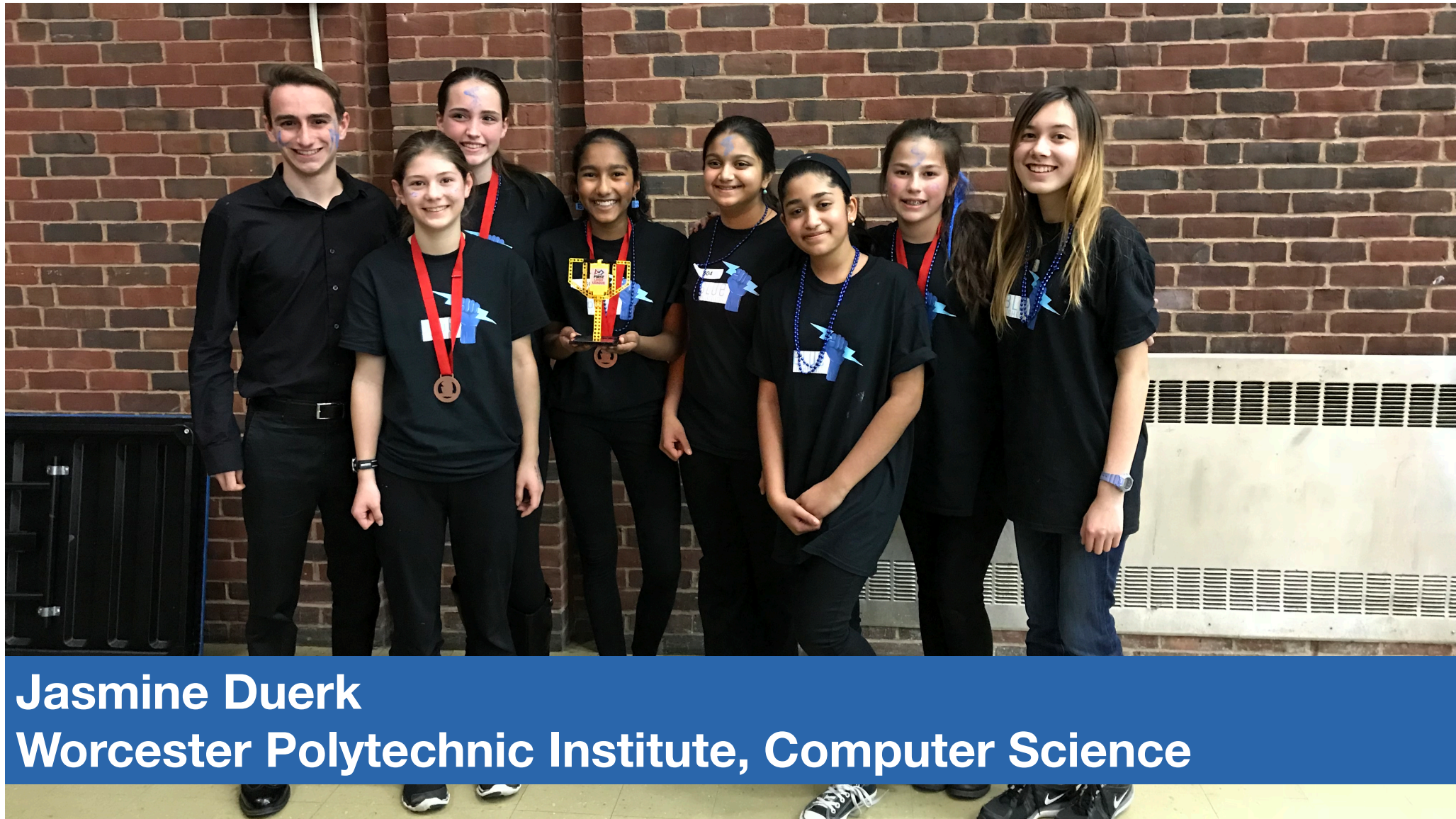
Student Impact





Nial McNally

Wentworth Institute of Technology, Mechanical Engineering



Jasmine Duerk
Worcester Polytechnic Institute, Computer Science



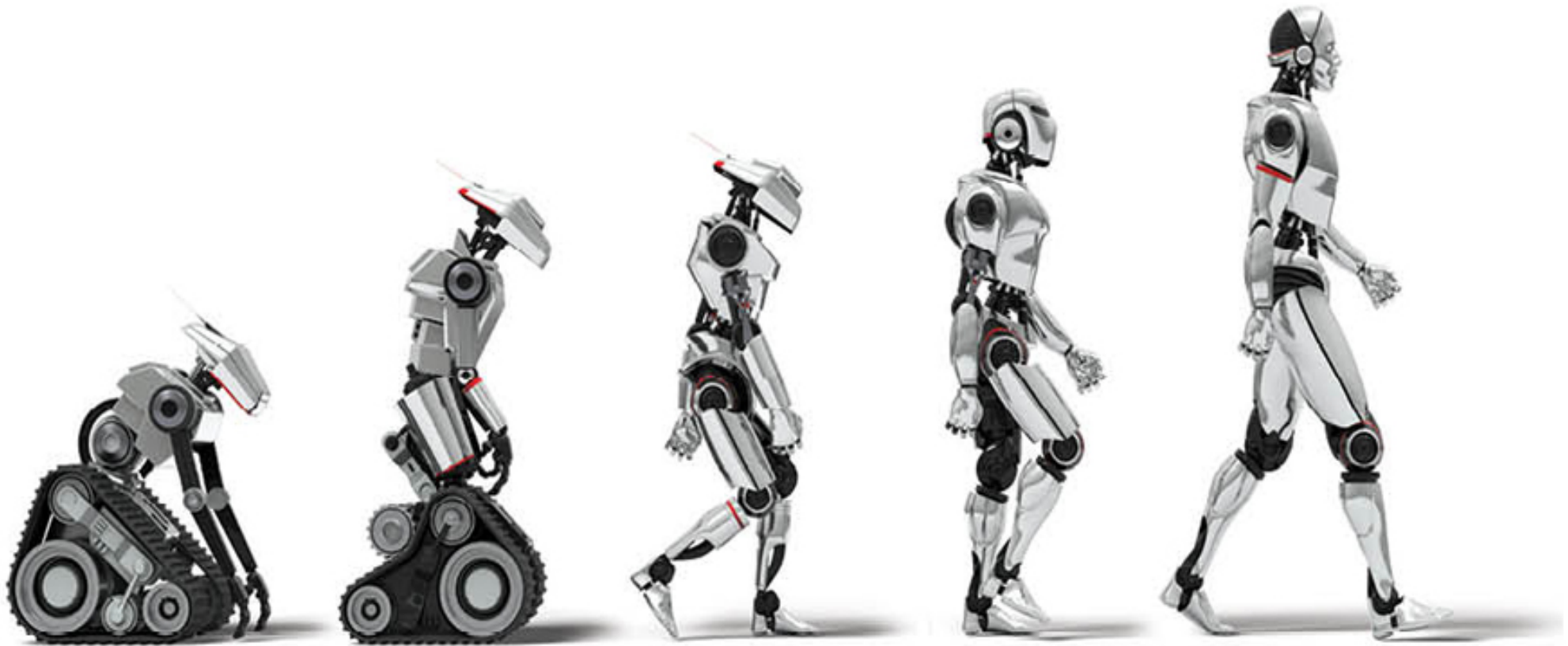
Sean Burns
Worcester Polytechnic Institute, Chemical Engineering



Akshay Ram

Syracuse University, Sports Analytics & Computer Science

The Future



“FIRST is more than robots. The robots are a vehicle for students to learn important life skills. Kids often come in not knowing what to expect – of the program nor of themselves. They leave, even after the first season, with a vision, with confidence, and with a sense that they can create their own future”

DEAN KAMEN

FIRST is growing

2018 *FIRST* Robotics Competition

- 3,650 teams
- 91,000+ participants
(Ages 14-18; Grades 9-12)

2017-2018 *FIRST* LEGO League

- 35,200 teams
- 280,000+ participants
(Ages 9-16*; Grades 4-8)





NE *FIRST* District Event

- 40 teams from across New England
- 1000 – 2000 participants + spectators
- Areas required for:
 - Competition field, Practice field & Pits
 - Judging, Volunteer & Interview rooms
 - Lunch purchase & consumption



Chairman's Video

