

FIRST[®] Team 340

Greater Rochester Robotics



Sponsorship

Team Leaders:

Jason Rees, Team Advisor

Assistant Team Advisors:

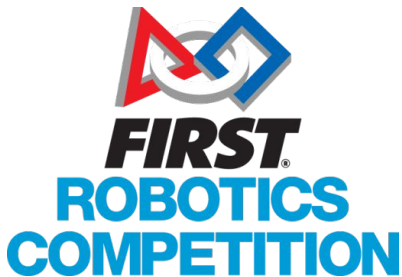
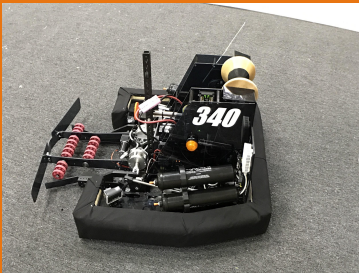
- Joel Ferrigno
- Jay Lasponara
- Jenna Ferrigno

To reach our team, contact Jason Rees at jrees@cccisd.org or contactteam340@gmail.com.

- www.Team340.org
- www.facebook.com/FIRST.Team.340
- twitter.com/FIRST_Team_340

"I don't build robots; I build kids who build robots."

- Jason Rees, Team Advisor



About Greater Rochester Robotics FIRST® Team 340

Greater Rochester Robotics (GRR) FIRST Robotics Competition Team 340 was founded in the fall of 1999 by Chris Mikus and John Simmons, two engineers working for Nortel Networks, along with Jason Rees, a Technology teacher for Churchville-Chili High School.

Our team was originally open to any student at Churchville-Chili High School along with children of Nortel Networks employees. We then started recruiting students from all around the Greater Rochester area, including students from Churchville-Chili, Fairport, Webster, Rush-Henrietta, and the Rochester City School Districts. Our name, Greater Rochester Robotics, was selected to reflect our diverse group of students from the Rochester area. Over the 20+ years, we have maintained our school diversity by allowing students to be part of our team if their home district does not have a FIRST robotics team.

GRR has averaged a team size of more than 35 students per year. Our team has a dedicated group of more than 20 mentors, most of which are parents of current and former team members, in addition to many team alumni who return to mentor. There are four program advisors who work for the school district to help enforce school policies, plan activities and trips, and help with recruiting new members and mentors.

GRR has grown from a club that worked during the six-week "Build Season" to a program that works year-round and is actively involved with FIRST Lego League Jr (FLL Jr), FIRST Lego League (FLL), FIRST Tech Challenge (FTC), VEX Robotics, and many community-related projects.

FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

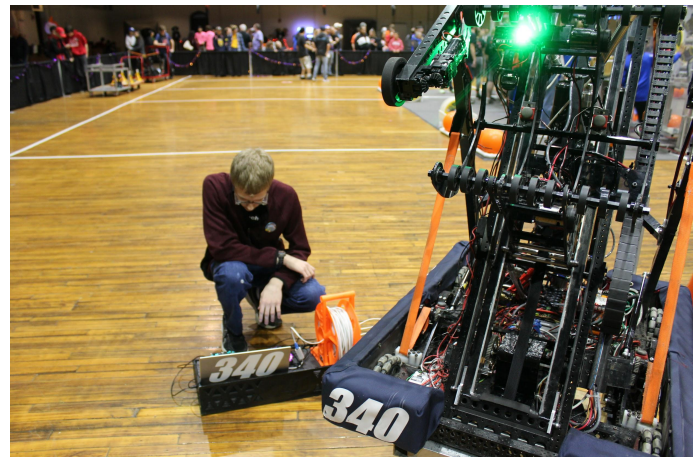
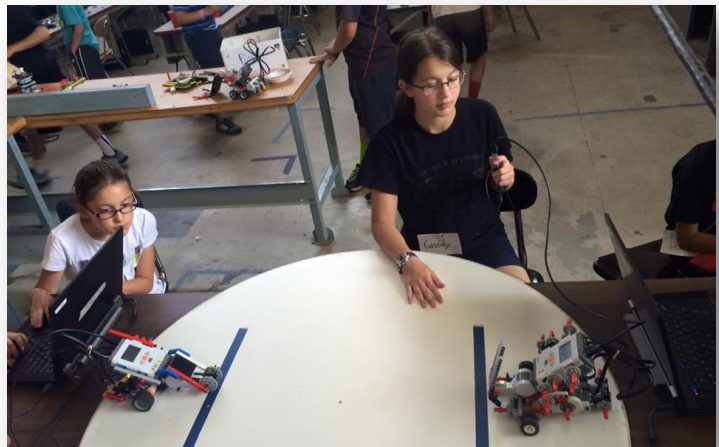
About **FIRST**

FIRST Robotics:

FIRST was founded in 1989 to inspire young people's interests and participation in science and technology. Based in Manchester, NH, the 501 (c) (3) not-for-profit public charity designs accessible, innovative programs that motivate young people to pursue education and career opportunities in science, technology, engineering, and math while building self-confidence, knowledge, and life skills.

Mission Statement:

Greater Rochester Robotics exists to inspire students to pursue an interest in engineering, science, and technology. We work to help students develop an appreciation for community service and volunteering. Our goal is to help young adults transition into forward thinking members of our global community.



GRR's Impact

On Our Community:

GRR has a strong history of team outreach.



We have made it our mission to help spread the ideals of FIRST and promote Science, Technology, Engineering, and Math (STEM) programs. We have held over 100 robotics demonstrations throughout our local community and also across New York State, emphasizing areas involving STEM but also covering sporting events, museums, and more. Our team has had numerous media submissions, TV coverage, and Facebook mentions, allowing us to reach over 3 million people in the past three years.

Additionally, much of our outreach has been focused on helping start new robotics and FIRST programs at all levels. It was with our help that many Rochester-area teams were established, including Pittsford Mendon's FRC team 3181. We have also coached, mentored, and sponsored over 250 First Lego League (FLL) teams over the past three years. In 2018, Team 340 sponsored and mentored Churchville-Chili's FIRST Tech Challenge (FTC) team 15054. They had very successful rookie year qualifying for the SUNY Poly Regional.

GRR has also made a commitment to helping people and groups in need. Over the past years, we have organized many Make a Difference Day charity drives, participated in the Heart Walk, the Breast Cancer Walk, and the Flour City Down Syndrome Network's Buddy Walk, worked in our school's Garden of the Saints, and more.



On Our Students:

GRR, a veteran FIRST Robotics Competition team, enables its students to learn skills that not only help them in high school but also in college and in the real world thereafter. Our team is student-led and mentor-guided. Students work side by side with volunteer mentors -- real-life mechanics, engineers, and programmers -- who teach via hands-on learning. This means that our robot is designed and built by our students; our mentors are only there to teach, give suggestions, and provide knowledge from their fields of work, but our robots are entirely student-designed and built.

Plus, we are one of the only local teams that accepts students from other school districts; we feel that all students should have the opportunity to participate in FIRST.

Team Fundraising

In addition to actively seeking sponsorship we strive to obtain semi-autonomy in the form of team fundraising opportunities. To support our team, GRR has continually undertaken various types of fundraising throughout the years from selling candy bars to hosting bottle and can drives throughout our community. We are always trying different methods for supporting ourselves.

Bottle and Can Drive



Flip Give

← → ↻ flipgive.com/teams/106135-greater-rochester-robotics-frc-team-340

≡ FlipGive



Greater Rochester Robotics FRC Team 340

\$1,159 earned of \$10,000 goal

By kelly@duboishouse.com · Churchville, NY · Booster Clubs

Shop at any of these great brands below and our robotics will earn cash back with every purchase!

Donate Now

GIVE DIRECTLY

Shop Online

GIVE CASH BACK

STORE

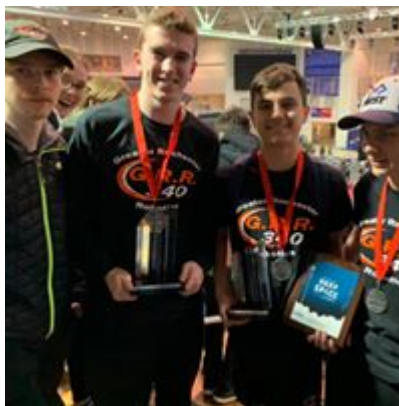
ACTIVITY

FUNDS

Why Give to GRR?

By donating to our team:

- **You will be supporting Rochester's future college students and work force:** The majority of students on this team graduate and go on to study in the Science, Technology, Engineering, and Math fields. Alumni of Team 340 have become engineers, scientists, teachers, software programmers, graphic artists, and more.
- **You will be supporting an historically-successful team with broad exposure:** Without a doubt, Team 340 is one of the most highly-awarded, and highly-respected *FIRST* Robotics Competition teams in the state. Throughout our 20+ years, we have been recognized for our team's excellence throughout the country and as well as internationally traveling to many different states. Some of our awards include Gracious Professionalism, Best Offensive Robot, Industrial Design, Excellence in Engineering, Industrial Safety, Engineering Inspiration, Chairman's, *FIRST* Dean's List Finalist, and Creativity award.
- **You will be supporting our community:** Our team participates in many community service events throughout the year. Most recently, we have participated in numerous charity walks, clothing and book drives, volunteering the gardens at our school, and helping local businesses.



"If everyone is moving forward together, then success takes care of itself." – Henry Ford

What is SWOT?

We use the SWOT Analysis to evaluate the Strengths, Weaknesses, Opportunities, and Threats to the GRR organization. The strengths and weaknesses refer to the internal factors that the team can work on. The opportunities and threats refer to external factors outside of the direct control of the team. Donations from sponsors provide the majority of a robotics team's

Strengths:

- Facilities
- Dedicated students
- Dedicated mentors and teachers
- Strong history of success
- Excellent reputation
- School district support
- STEM program (PLTW)

Weaknesses:

- Funding
- Training for students
- Training for mentors
- Mentor and teacher burnout

Opportunities:

- Addition of new sponsors
- Recruiting new mentors
- Addition of STEM programs
- Improved STEM programs
- New equipment at build site
- Community outreach

Threats:

- Loss of major sponsors
- Change of school policy
- Loss of key mentors



Team Budget

Financial Statement



Sponsor	Amount	Expense	Cost
Manahy Welding	\$200.00	Registration Fees	\$14,000.00
Senator Ranzenhofer	\$5,000.00	Regional (Away)	
C&M Forwarding	\$3,000.00	Transportation	\$4,025.00
Genesee Environmental	\$500.00	Lodging	\$5,117.00
Lions Club	\$500.00		\$8,592.00
Harris	\$1,500.00	Championship	
Clarkie's Transportation	\$1,000.00	Transportation	\$6,000.00
Custom Molding Solutions	\$1,000.00	Lodging	\$8,340.00
Bausch Foundation	\$9,000.00		\$14,340.00
Churchville-Chili Central School District	\$40,000.00	Robot Construction	\$6,560.00
Total	\$52,700.00	2017-18 budget	\$43,492.00

Additional Opportunities for Support

Robotics

<i>Design & Prototyping</i>	Assist with the design of the robot and teach the students how to turn prototypes into working robots.
<i>Manufacturing</i>	Assist students with the fabrication of mechanical components.
<i>Engineering Design</i>	Work with the team to pick a strategy, design a robot, and manage robot creation.
<i>Electrical</i>	Show students how to wire, organize an electrical board, and update and check-out the robot.
<i>Programming</i>	Work with the students to program the robot for competition
<i>Mechanical</i>	Help the students build a robot for competition in March
<i>Project Management</i>	Work with students to set time and performance goals to meet deadlines, etc.

Public Relations

<i>Marketing</i>	Assist with team marketing and writing a team business plan.
<i>Public Speaking</i>	Teach the students how to speak in front of potential Sponsors, the public and Judges.
<i>Website</i>	Teach students how to build and manage a website.
<i>Finance</i>	Help students to manage team funds and assist with fundraising.
<i>Graphic Design</i>	Create banners, logos, team handouts, and T-shirts for competitions.
<i>Social Media</i>	Work with students to set up and manage social media sites.

Other

<i>Travel Logistics</i>	Organize team travel locally and to regional events outside of the area.
<i>Feed the Team</i>	Coordinate and organize meals and snacks for the team during the build season.
<i>Plan Fundraisers & Volunteering</i>	Help plan, advertise, and organize team fundraisers and volunteering events, such as the bottle & can drives and walks.

Sponsor Benefits

Monetary donations are tax deductible under 501(c)(3) tax ID 27 0699733.

Title Sponsor:

- A title sponsor is the company that has the strongest partnership with GRR; this goes to the company that donates the most funds.
- A title sponsor receives all the benefits listed below, plus GRR will help with community service efforts and demonstrations at the company.
- Title sponsors can travel to demonstrations with the team presenting company information.

Platinum (\$10,000+):

- Company is thanked during competitions.
- Company is listed as an official sponsor through FIRST.
- Logo on T-Shirts, Robot, Banners.
- Listed on GRR website & mentioned on GRR's social media accounts.

Gold (\$5,000-\$9,999):

- Company is listed as an official sponsor through FIRST.
- Medium logo on Banner, T-shirts, Robot.
- Listed on GRR website & mentioned on GRR's social media accounts.

Silver (\$500-\$4,999):

- Company's Name on T-Shirts and Banners (large font).
- Listed on GRR website & mentioned on GRR's social media accounts.

Bronze (up to \$499):

- Company's Name on T-Shirts and Banners (small font).
(Listed from largest to smallest donor)
- Listed on GRR website & mentioned on GRR's social media accounts.

Goods & Services Donations:

- Company's Names/Logos on T-Shirts and Banners based on value, possibly more.
- Listed on GRR web site & mentioned on GRR's social media accounts.
(Goods & Services donations are tax deductible at cost.)

*Donations must be submitted prior to February 15 to be included on our t-shirts.
If contribution received after deadline, we will place on the subsequent design order.*



Sponsorship Form

Company Name: _____

Company Address: _____

State: _____ Zip Code: _____

Contact Name: _____

Contact Phone Number:

Contact Email Address:

Donation: _____

Mailing Address:
Attn: Jason Rees
Churchville-Chili High School
5786 Buffalo Road
Churchville, NY 14428

***Please make checks payable to Rochester Community Robotics
(Team 340)**

