



Stuyvesant Robotics

345 Chambers Street, New York, NY 10282
212-312-4800
www.StuyPulse.com

2022-2023 Season

Max Zeng, President of Engineering
Myles Pasetsky, President of Software Engineering
Isabella Jia, President of Business



We are StuyPulse, Stuyvesant High School's award winning FIRST Robotics Competition team. Otherwise known as Team 694, we seek to impact young adults by cultivating skills in engineering, programming, marketing, teamwork, and leadership through the *FIRST* Competitions. *FIRST* (For Inspiration and Recognition of Science and Technology) is an international, nonprofit organization that promotes the spread of science and technology. At the same time, we hope to educate and inspire people in our community, both young and old, about the wonders of science and technology.



Stuyvesant Robotics

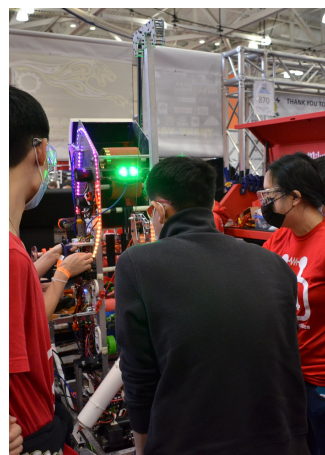
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Stuyvesant is one of the most selective public high schools in the United States, with admission granted via entrance examination to less than 5% of applicants. Of that 5% over 46.7% of students receive free/reduced lunch. The *FIRST* Robotics program meshes seamlessly with the school's educational focus on science, math, and technology. Our team remains one of the largest organizations at Stuyvesant, with over one hundred members. Over 80% of our team members are immigrants or first-generation Americans. The impact of this program can be seen in many of our alumni who continue to pursue higher STEM education at prestigious universities, and careers at tech corporations.



Our graduating members have been accepted into various prestigious colleges, such as MIT, Princeton, University of Chicago, Cooper Union, University of Pennsylvania, and Cornell University.



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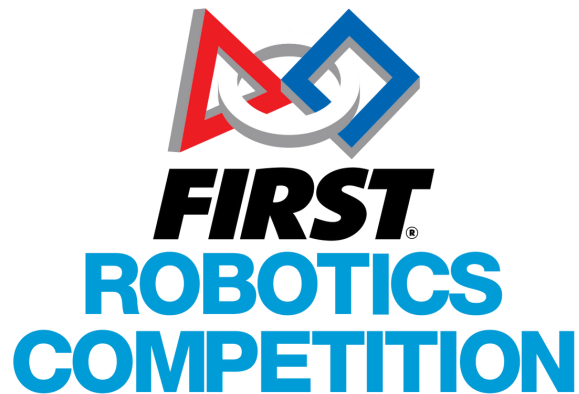
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About *FIRST*



FIRST (For Inspiration and Recognition of Science and Technology) is a multinational, nonprofit organization that promotes science and technology education; it partners with local businesses, educational institutions, and volunteer mentors to cultivate teamwork, strategic thinking, and community outreach skills in its participants.

FIRST introduces annual game challenges, giving FRC (First Robotics Competition) teams six weeks, and those in FTC (First Tech Challenge) six months to design, build, and program robots. They compete at any of over ninety regional events and one international Championship Event, which we have qualified for every year since 2010, winning the Curie Subdivision in 2016.





Outreach

Though Stuyvesant is a school of bright and motivated students, it is subject to the very same funding constraints that affect all public schools in New York. Students and parents work hard to raise needed revenue by holding various fundraisers, whether it be book sales or bake sales, but that is still not enough for us to build our robot.



We participate in Battery Park's annual STEAM Dream Day to inspire the younger generation with "wiggle-bots," small, hand-crafted robots.



After Hurricane Maria, we began mentoring FLL teams in Puerto Rico. With our newly-finalized curriculum, we are expanding our mentoring efforts locally throughout New York City!



After the 2020 earthquakes, we donated \$2500 dollars to the Hispanic Federation for Puerto Rico.



We host a student run series of lectures annually at our school, called StuySplash, where FIRST teams from all over are able to attend to share their knowledge and to learn more.



AWARDS & ACHIEVEMENTS

2022	World Championship	Division Quarter-finalist / Alliance Captain
2022	New York City Regional	Regional Winner
2022	New York City Regional	Innovation In Control
2022	New York City Regional	Dean's List Finalist (Myles Pasetsky)
2022	Long Island Regional #2	Regional Winner
2022	Long Island Regional #2	Innovation in Control Award
2022	Finger Lakes Regional	Regional Finalist
2022	Finger Lakes Regional	Innovation in Control Award
2021	New York Quebec Region	Regional Chairman's Award
2021	Beryllium Group	Game Design Challenge Designer's Award
2020	Palmetto Regional	Regional Winner
2020	Palmetto Regional	Innovation in Control Award
2019	New York City Regional	Regional Winner
2019	New York City Regional	Creativity Award
2019	Central New York Regional	Regional Finalist
2019	Central New York Regional	Creativity Award
2019	Tech Valley Regional	Regional Finalist
2019	Tech Valley Regional	Woodie Flowers Finalist (Shelley Grant)
2019	Tech Valley Regional	Entrepreneurship Award
2018	New York City Regional	Chairman's Award
2018	New York City Regional	Dean's List Finalist (Navid Kashem)
2018	New York City Regional	Regional Winner
2018	New York City Regional	Woodie Flowers Finalist (James Lonardo)
2017	Hudson Valley Regional	Regional Finalist
2017	New York City Regional	Regional Finalist
2017	New York City Regional	Dean's List Finalist (Yedoh Kang)
2017	New York City Regional	Entrepreneurship Award



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2017	South Florida Regional	Chairman's Award
2016	World Championship	Einstein Quarterfinalist
2016	World Championship	Curie Subdivision Winner
2016	New York City Regional	Regional Winner
2016	New York City Regional	Engineering Inspiration Award
2016	South Florida Regional	Entrepreneurship Award
2016	South Florida Regional	Regional Quarterfinalist
2015	New York City Regional	Regional Finalist
2015	New York City Regional	Gracious Professionalism Award
2015	New York City Regional	Dean's List Finalist (Yubin Kim)
2015	New York City Regional	Volunteer of the Year (Jeanne Boyarsky)
2014	New York City Regional	Regional Quarterfinalist
2014	Buckeye Regional	Regional Quarterfinalist
2013	New York City Regional	Regional Winner
2013	New York City Regional	Dean's List Finalist (Joanna Zhu)
2012	Connecticut Regional	Chairman's Award
2012	Connecticut Regional	Website Award
2012	New York City Regional	Woodie Flowers Finalist (Jeanne Boyarsky)
2011	Connecticut Regional	Chairman's Award
2011	New York City Regional	Excellence in Design Award
2011	New York City Regional	Dean's List Finalist (Alejandro Carrillo)
2010	World Championship	Dean's List Award (Seth Berg)
2010	Connecticut Regional	Chairman's Award
2010	New York City Regional	Regional Winner
2010	New York City Regional	Innovation in Control Award
2009	Connecticut Regional	Entrepreneurship Award
2008	New York City Regional	Engineering Inspiration Award
2008	New York City Regional	Regional Semifinalist
2008	New Jersey Regional	Regional Semifinalist
2007	New York City Regional	Regional Finalist
2007	New York City Regional	Industrial Safety Award
2007	New Jersey Regional	Judges Award



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2006	New York City Regional	Regional Finalist
2006	New York City Regional	Website Award
2006	New York City Regional	Creativity Award
2005	World Championship	Galileo Division Semifinalist
2005	New York City Regional	Chairman's Award
2005	New York City Regional	Woodie Flowers Award (Tom Ferguson)
2005	New York City Regional	Innovation in Control Award
2005	New York City Regional	Regional Semifinalist
2004	New York City Regional	Regional Quarterfinalist
2004	New York City Regional	Entrepreneurship Award
2003	New York City Regional	Regional Winner
2003	Philadelphia Regional	Regional Semifinalist
2002	New York City Regional	Engineering Inspiration Award
2001	New York City Regional	Regional Finalist



*In 2018 StuyPulse made history at the New York City Regional. Our team won the Chairman's Award, Woodie Flowers Finalist Award, and Dean's List Finalist Award in addition to going undefeated and winning the regional. StuyPulse is the only FRC team that has accomplished such an amazing feat at a single regional!



Sponsor Benefits

Gift Amount	Title	Benefits
Highest Overall Sponsor	Platinum	Sponsor shall receive the honor of naming the robot.
\$10,000+	Gold	Contributors shall receive a thank you package and have their name mentioned during every competition and in the Impact Award video.
\$5,000 - \$9,999	Silver	Sponsors shall have their company logo placed on the competing robot.
\$1,000 - \$4,999	Bronze	Sponsors shall have their company name/logo on the back of the year's T-shirt, along with an invitation to visit the robotics lab during the season.
\$500 - \$999	Aluminum	Sponsors shall have their company name/logo placed on our website for a year

Your donations will go towards things such as:

- buying robot parts
- buying tools
- paying for competition registration
- sponsoring trips for students in need
- sponsoring trips for volunteer mentors
- and more!

*Each level receives the sponsor benefits listed below it

Contact us and Check out our Social Media Pages!

Email- info@stuypulse.com Youtube- [StuyPulse](#) Facebook- [StuyPulse Team 694](#) Instagram- [@stuypulse](#) Twitter- [@StuyPulseRobots](#) Website- www.stuypulse.com TikTok [@stuypulse](#)