

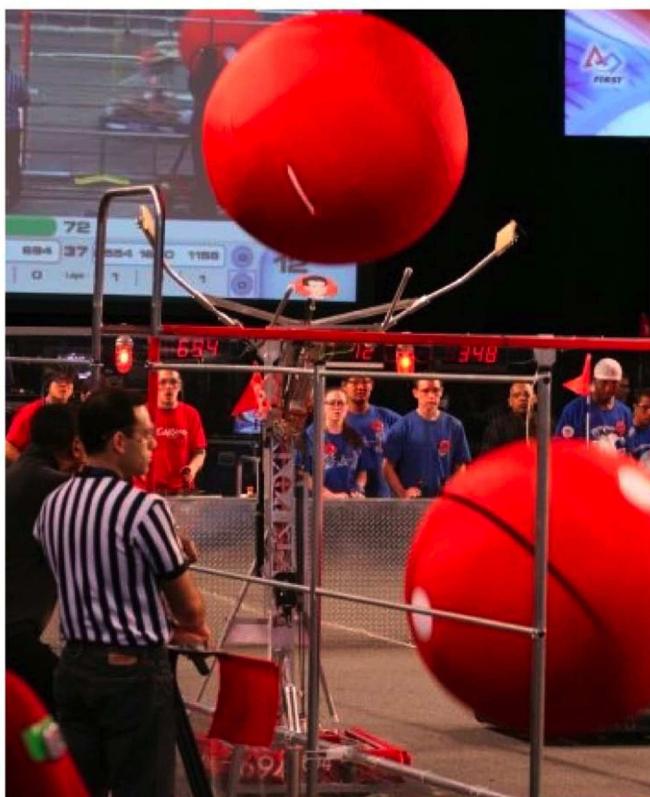


## **Stuyvesant Robotics**

Stuyvesant High School  
345 Chambers Street  
New York, NY 10282  
212 312 4800 ext. 4500  
[www.stuypulse.com](http://www.stuypulse.com)



# STUYVESANT ROBOTICS



tv We are Stuyvesant High School's award winning FIRST Robotics team. FIRST (For Inspiration and Recognition of Science and Technology) is an international, non-profit organization which promotes the spread of science and technology. We partner with local businesses, educational institutions and volunteer mentors to cultivate skills in teamwork, strategic thinking, and community outreach.

tv A FIRST team spends thousands of dollars on registration fees, a basic kit of parts, additional building materials, robot transportation, administrative expenses, and more.

tv In addition to funds we seek mentors who are specialists or hobbyists in engineering design, machine operation, programming, and marketing, who are willing to work with highly motivated students from NYC's most highly rated science high school!

**We invite you to be part of this amazing, educational endeavor!**

Stuyvesant High School Robotics Team  
(212) 312 4800 Ext. 4500  
345 Chambers Street, Room 450  
New York, NY, 10282

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2012 - 2013 Season

Eric Lam, President of Software Engineering  
Joanna Zhu, President of Engineering  
Doris Tsang, President of Marketing  
[info@stuypulse.com](mailto:info@stuypulse.com)

February 3, 2013

Dear Potential Sponsor:

We are Stuyvesant High School's award-winning F.I.R.S.T. Robotics team. F.I.R.S.T. (For Inspiration and Recognition of Science and Technology) is a multi-national, non-profit 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.

F.I.R.S.T. introduces annual game challenges, giving teams participating in its Robotics Competition division six weeks, and those in its Tech Challenge division six months to design, build, and program robots to compete at any of over seventy regional events and one international Championship Event, which we have qualified for every year since 2010.

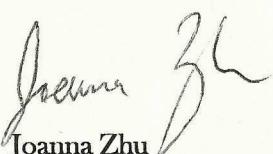
Stuyvesant is one of the most selective public high schools in the United States, with admission granted via competitive examination to less than 5% of applicants. The F.I.R.S.T. Robotics program meshes seamlessly with the school's educational focus on science and math. Our team remains one of the largest organizations at Stuyvesant with over one hundred members. Of those, almost one-third are females, and over two-thirds of the 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.

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 selling everything from books to baked goods, but that is still not enough.

We would like to invite you to become a corporate sponsor at the Silver (\$5000) level or higher; a list of sponsor benefits is enclosed. Please help us by aligning your cooperation with our aspirations. Doris Tsang, our President of Marketing, is spearheading the team's fund raising efforts. We look forward to hearing from you.

Thank you for your time.

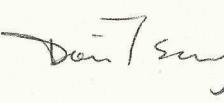
Sincerely,

  
Joanna Zhu

Stuyvesant H.S. '13  
President of Engineering

  
Eric Lam

Stuyvesant H.S. '13  
President of Software Engineering

  
Doris Tsang

Stuyvesant H.S. '13  
President of Marketing



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## Benefits of Sponsorship

Gift Amount	Title	Benefits
Highest Overall Contributor	Platinum	<ul style="list-style-type: none"><li>• All benefits of Gold plus</li><li>• Contributor chooses robot name</li></ul>
\$10000+	Gold	<ul style="list-style-type: none"><li>• All benefits of Silver plus</li><li>• Contributor logo placed at top of team banner</li><li>• Contributor receives plaque of appreciation</li></ul>
\$5000-\$9999	Silver	<ul style="list-style-type: none"><li>• All benefits of Bronze plus</li><li>• Contributor listed in enlarged font on T-shirts</li><li>• Contributor logo and link placed below team website navigation bar on every page</li><li>• Contributor name read by competition MC when robot is introduced for each match</li></ul>
\$2000-\$4999	Bronze	<ul style="list-style-type: none"><li>• All benefits of Aluminum plus</li><li>• Contributor decal placed on robot</li><li>• Contributor displayed on team banner</li><li>• Contributor listed in competition program</li><li>• Contributor receives signed team photograph</li></ul>
\$500-\$1999	Aluminum	<ul style="list-style-type: none"><li>• All benefits of Sheet Metal plus</li><li>• Contributor listed on team T-shirts</li><li>• Contributor receives certificate of appreciation</li></ul>
\$100-\$499	Sheet Metal	<ul style="list-style-type: none"><li>• All benefits of Nuts and Bolts plus</li><li>• Contributor's website linked on sponsor page of teams' website</li><li>• Contributor listed on robot and shipping crate</li><li>• Contributor receives letter of invitation to visit robotics lab during build season</li></ul>
\$50-\$99	Nuts and Bolts	<ul style="list-style-type: none"><li>• Contributor listed in team's annual magazine</li><li>• Contributor receives letter of appreciation</li><li>• Contributor receives letter of invitation to regional competition</li></ul>

To donate, please make a check out to **Stuyvesant High School with Robotics Team** in the memo line, and mail it to the following address:

### Stuyvesant High School

Attn: Mr. Rafael Colón, Technology Dept.  
345 chambers Street, Room 450  
New York, NY 10282

All contributions are 100% allocated towards the project expenses of the team, including materials, tools, shipping, and tournament fees. Please inquire about tax deductible donations.



BOARD OF EDUCATION OF THE CITY OF NEW YORK  
**STUYVESANT HIGH SCHOOL**

345 Chambers Street, New York, NY 10282-1099  
Telephone: (212) 312-4810 • Facsimile: (212) 587-3874

STANLEY TEITEL  
*Principal*

September 17<sup>th</sup>, 2009

To Whom It May Concern:

It has been my privilege to serve as the primary faculty advisor for the Stuyvesant High School Robotics Team for the past ten years. Under my leadership, the team has grown from a small group of a dozen students to over one hundred dedicated future engineers and entrepreneurs (almost one-third female) responsible for all engineering and marketing aspects of running the team.

We are a close-knit family of students, mentors, alumni and volunteer parents, bound together by a passion to create an environment where everyone has a role to play, whether it is building the actual robot or providing the necessary back-up support.

I have witnessed time and again the transformation of the lives of students who join the team early in their high school careers as shy individuals, unsure of how they fit into a team effort, and knowing nothing about power tools or the basic principles of physics. Three short years later, these same students are the ones taking leadership roles, speaking with authority on the subject of robotics and encouraging the newest members of the team to grasp the excitement of seeing our team grow and improve.

Each year I see an increasing number of team members choosing to pursue undergraduate and graduate studies in engineering, computer science, mathematics, physics and business at some of the top level schools in the country.

It is my hope and desire that you will assure that our program continues for the students of the future.

Thank you.

A handwritten signature in black ink that reads "Rafael Colón".

Rafael Colón  
Faculty Advisor  
Stuyvesant High School Robotics Team



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STANLEY TEITEL  
*Principal*

June 1<sup>st</sup>, 2006

Dear potential sponsor of the Stuyvesant Robotics Team:

I have watched this team grow from its beginnings in 2000, and I am proud to say that in just the few years since its founding, it has proven itself again and again as worthy of representing our school.

One of the outstanding features of this team is that it brings together students, parents and alumni working together to conceive, design and build a new robot each school year. This opportunity not only helps them apply what they learn to their schoolwork, but gives them life skills in running an organization.

This yearly project requires extensive funding, which I know has consumed a great deal of time for both students and parents. The long hours, the hard work and the constant need to fundraise have all contributed to making this a true team effort. This extensive funding covers materials, competition fees, travel, and meals; all of which are necessary for the team to function.

Having seen what this team has done and can do for the group of students involved, I urge you, through your sponsorship, to become a part of it.

Sincerely,

A handwritten signature in black ink, appearing to read "Stanley Teitel".

Stanley Teitel  
Principal



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## StuyPulse Fact Sheet

- **Team 694** has just completed our 13th blockbuster year!
- **Team 694** is amazingly diverse. Over half of the team are immigrants or are children of first-generation immigrants. Almost one third of the team is female.
- **Team 694** is developing a robotics outreach program to underprivileged schools and has helped start and mentor four other FRC teams, two FTC teams, and two FLL teams.
- **Team 694** holds a robotics splash at NYU Poly, which is attended by over 15 teams. The Splash features team management, strategy, engineering updates, and basic programming.
- **Team 694** has participated in robotics events at the Winter Garden of the World Financial Center, the Jacob Javits Center, City Hall, Queens Hall of Science, Liberty Science Center, Tribeca Film Festival, Grand Central Station, Chelsea Piers, Credit Suisse, D. E. Shaw, the Museum of Natural History, the New York State Fair, and the World Science Fair.
- **Team 694** is featured in Rockport Publishing's FIRST Robots: Behind the Design for winning the Xerox Creativity Award and was the subject of a recent six-part World Street Journal documentary.
- **Team 694** alumni return to the team to volunteer and mentor new members.

### Awards

2012 CT Chairman's Award  
2012 CT Website Award  
2012 NY Woodie Flowers Award  
2011 CT Chairman's Award  
2011 Excellence in Design Award  
    Sponsored by Autodesk  
2011 FIRST Dean's List Finalist Award  
2010 CT Chairman's Award  
2010 NYC Regional Winner  
2010 Rockwell Automation  
    Innovation in Control Award  
2010 FIRST Dean's List Finalist Award  
2009 CT Entrepreneurship Award  
2009 CT Regional Semi-Finalist  
2009 NYC Regional Semi-Finalist  
2009 Web Excellence Award  
2008 Engineering Inspiration Award

2008 NJ Regional Semi-Finalist  
2008 NYC Regional Semi-Finalist  
2008 Web Excellence Award  
2007 NYC Regional Finalist  
2007 Outstanding Volunteer Award  
2007 NJ Judges Award  
2006 NYC Regional Finalist  
2006 Xerox Creativity Award  
2006 Website Award  
2005 NYC Chairman's Award  
2005 Woodie Flowers Award  
2005 Radio Shack Innovation in  
    Control Award  
2004 Entrepreneurship Award  
2003 NYC Regional Winner  
2002 Engineering Inspiration Award  
2001 NYC Regional Finalist