

About U.S. FIRST

FIRST was founded by inventor Dean Kamen, who first introduced the Segway™ Human Transporter (HT) two years ago. He created FIRST with a goal to inspire an appreciation of science and technology in young people, their schools and communities. Currently in its sixteenth year, the FIRST Robotics Competition will expand its reach to over 23,000 students representing approximately 930

teams from almost every state in the U.S. and abroad. More than 1,000 students competed in the Long Island Regional to earn a spot at the Championship that was held April 15-17 at the Georgia Dome in Atlanta, GA.



www.usfirst.org

About School-Business Partnerships of Long Island, Inc. (SBPLI)

SBPLI was founded in 1984 by its President, Fred Breithut, with the goal of developing partnerships between local high schools and businesses that would provide students with practical experience, while helping the business community develop its future workforce. Over 75 partnerships have been formed. In 1999, Long Island FIRST was formed for the purpose of developing a Long Island Regional FIRST Robotics competition. The Long Island Regional has since grown with 36 teams registered for the 2004 competition. The increase in participation among high school students and local business demonstrates the importance of supporting the Long Island Regional FIRST Robotics Competition.

SBPLI Board and SBPLI-L.I. FIRST Development Council

Christina Alzona, L.I. FIRST*
Nicholas Amoruso, School Construction Consultants*
Janet Anderson, L.I. FIRST*
Fred Breithut, SBPLI-L.I. FIRST*
Brendan Broderick, JC Broderick & Associates
Peter Burke, Bad Boys of Brentwood
Paul Cotrone, KeySpan Energy
Kenneth DeGennaro, DeGennaro & Associates*
Chris Early, Early Electronics
George Feist, NOVUS Management
Mary Ellen Freeley, Glen Cove CSD*
Kristie Golden, CEMS
Robert Kukta, SUNY Stony Brook
John Loonam, Northrop Grumman
Joani Madarash, accesslinx*
Marlene McDonnell, LI Business News*

Kristin O'Rourke, AVNET
Frank Otto, EDO*
William Recce, School Construction Consultants*
Jim Ruck, Sachem CSD*
Mary Anne Sadowski, Ingerman Smith LLP*
Frank Saracino, Education Consultant*
John Schineller, Engineer/Teacher
Scott Schuler, FESTO
Mitchel Shapiro, Foundation Fighting Blindness
Joseph Sicinski, Strategic Solutions*
David Vandergoot, CEMS*
Timothy Votapka, Progressive Marketing*
John Zaher, PRMG*
Hans Zobel, FESTO*

*Denotes Member of Board of Directors



SBPLI, Inc.-LI-FIRST
18 Cottontail Road
Melville, New York 11747
(631) 692-2962
www.sbpli-lifirst.org



School-Business Partnerships of Long Island, Inc.
Sponsor of the
Long Island FIRST Robotics Competition
18 Cottontail Road
Melville, New York 11747
(631) 692-2962
www.sbpli-lifirst.org
Annual Report and Spring/Summer 2004 Newsletter

In This Issue

Robotics Competition
Page 1

2004 Competition Results
Page 2

2004 Sponsors
Page 2

Media
Page 2

2004 Participating Schools
Page 3

Sponsorship Opportunities
Page 3

About SBPLI & FIRST
Page 4

2004 Host



Brian Buonomo, West Islip team leader, accepting Chairman's Award

SBPLI-L.I. FIRST Robotics Competition Featuring 36 School Districts Held at Suffolk County Community College

Between March 18-20, 2004, 36 high school robotics teams from the Long Island region competed at Suffolk County Community College's Michael J. Grant Campus in Brentwood before 10,000 spectators in an event combining the best of an athletic competition and engineering excellence. The event as in previous years was a tremendous success. The fun and excitement of the competition was evident as many students, professional mentors, school groups and community members came out to cheer on their favorite teams.



Team 871's robot, Blitz climbing the steps on the "FIRST Frenzy" playing field.

"The FIRST Robotics Competition is not just about the design and building of sophisticated robots. These students also develop maturity, professionalism, teamwork and mentoring skills that enrich their lives," said Fred Breithut, President of School-Business Partnerships of Long Island (SBPLI) and sponsor of the Long Island FIRST Regional Robotics Competition. "Many of our students develop an affinity for their science and math courses, go on to study engineering, technology or science in college, and also pursue career opportunities with sponsoring companies."

Dubbed the "NCAA of Smarts," the competition focused on 130 pound robots designed and built by joint teams of high school students and corporate engineers. Robotics teams received a kit of parts along with game rules and had only six weeks to build their robots. While fierce competition was the order of the day, winning was within very controlled game rules with point scores determining the ultimate victors.

Since its beginning, FIRST has had a positive impact on students and academic communities. Surveys conducted by the Center for Essential Management Services found that participating students' attitudes about science, math, teamwork and the working world significantly improved after participating. The students' self image also improved, particularly among minority groups. Also, interest in internship and employment opportunities with sponsoring local companies increased.

This season, participating FIRST students were applicants for over \$3.8 million in scholarships from leading universities, colleges and companies. **In the last three years, Long Island student participants were awarded over \$5000 in college scholarships.**

2004 SBPLI-L.I. FIRST Robotics Competition Results

Regional Chairman's Award West Islip High School	Smithtown High School	Clarke High School
Regional Woodie Flowers Award Brian Buonomo	Highest Rookie Award Hicksville High School	Xerox Creativity Award Southold Jr. Sr. High School
Engineering Inspiration Award East Islip High School (Team 311)	Daimler Chrysler Team Spirit Award Shrewsbury High School	Imagery Award East Islip High School
Regional Winner 1 East Islip High School	Delphi "Driving Tomorrow's Technology" Award General Motors of Canada, St. Catharine's Engine & Governor Simcoe Secondary School	Leadership in Control Award Hauppauge High School (Team 358)
Regional Winner 2 General Motors of Canada St. Catharine's Engine & Governor Simcoe Secondary School	General Motors Industrial Design Award Mt. Sinai School District	Web Site Design Award Shrewsbury High School
Regional Winner 3 Clarkson University & Massena High School & Salmon River High School	Johnson & Johnson Sportsmanship Award Hauppauge High School	Autodesk Visualization Award - Regional General Motors of Canada St. Catharine's Engine & Governor Simcoe Secondary School
1st Regional Finalist Pierson High School	Kleiner Perkins Caufield & Byers Entrepreneurship Award William Floyd High School	Rookie All-Star Award Hicksville High School
2nd Regional Finalist East Meadow School District	Motorola Quality Award East Meadow School District & WT	Rookie Inspiration Award Hicksville High School
3rd Regional Finalist		



FIRST Robotics Participants Earn Scholarships

Through their participation in the 2004 SBPLI-L.I. FIRST Robotics Competition, four students applied for and earned scholarships to technology programs from prestigious colleges worth a combined \$125,000 over four years.

The students are **Andrew Anderson, Port Jefferson; Kristopher Lee, West Islip; Frederick Liguori, Longwood;** and **Gregory Lilly, Miller Place.** Clarkson University awarded both Anderson and Lee scholarships annual scholarships of \$6,000.Liguori received a scholarship from Drexel University for \$8,000 annually. Lilly's scholarship from The Florida Institute of Technology is valued at \$10,000 annually.

This season, participating FIRST students were eligible to apply for over \$3.8 million in scholarships from leading universities, colleges and companies. At the 2003 national championships, Long Island students walked away with over \$400,000 in college scholarships. With additional scholarships yet to be announced, the amount of scholarships awarded to Long Island students is likely to grow. As a source of scholarships, this program surpasses Intel's International Science and Engineering Fair.

2004 SBPLI-L.I. FIRST Robotics Sponsors

Patron (\$25,000+) FESTO Corporation New York State Senator Owen Johnson	Auto Raffle,Hauppauge/FESTO Bad Boys of Bay Shore BJLJ Engineers Burton, Behrendt, Smith, PC Hofstra University Info Highway Ingerman Smith LLP JCBroderick & Associates Municipal Testing Labs OSI Teachers Federal Credit Union
Benefactor (\$10,000+) EDO Northrop Grumman	
Contributor (\$5,000+) JPMorgan CHASE Park East Construction School Construction Consultants	
Donor (\$1,000+) Aurora Contracting	Other (up to \$1000) Halpern Eurich Hunter Business Technical School Olympus Samuel Architecture Slant Fin

Media Coverage

Television
Competition featured on: "The Ticket" on WLIW Channel
21Channel 12 News Long Island, TV-55

Newspapers
Long Island Business News, Islip Bulletin, Plainview Herald, The Port Times Record, Suffolk Life, Medford News, Smithtown Messenger, South Shore Press, The Village Beacon Record, South Bay's



Be Part Of A Winning Team

How does your organization measure success? As a corporate partner of SBPLI's LI-FIRST regional competitions, you'll receive favorable media exposure, positive public awareness, and more than that, the satisfaction of teaming with a group of young people who could be the future members of your own corporate team. As you can see they're also your neighbors:

2004 SBPLI-L.I. FIRST Competition Participating Schools

Suffolk Bay Shore Deer Park East Islip Hauppauge Lindenhurst Longwood Middle Country Miller Place Mount Sinai Patchogue-Medford Port Jefferson Sachem Sag Harbor Smithtown Southold West Babylon	Westhampton Beach West Islip William Floyd	Off-Island St. Catherine's Engine & Governor Simcoe Secondary School, Ontario, Canada
Nassau Carle Place East Meadow Glen Cove Hicksville Island Trees Levittown Locust Valley Malverne Plainedge Plainview-Old Bethpage		Cheney Vocational Technical School, Manchester, CT
		BokTechnical High School, Philadelphia, PA
		Shrewsbury High School, Shrewsbury, MA
		High Technology High School, Lincroft, NJ
		Bridgewater-Raynham Regional High School,Bridgewater, MA
		Massena High School & Salmon River High School, Potsdam, NY



Pictured above are members of WIHS RoboTechs, representing West Islip High School. The WIHS RoboTechs were the recipients of the prestigious Chairman's Award.



Group shot of participating winning teams.

Sponsors Sought For 2005 Competition

In the Spring of 2005, high school teams from the Long Island Region will compete again before 10,000 spectators in the next LI-FIRST regional competition. And again next year, these robotics teams will be competing for honors, recognition and thousands of dollars in scholarships.



Pictured (left-right) is Janet Anderson, Program Coordinator of LI-FIRST, Senator Owen Johnson and Fred Breithut, President of SBPLI and Director of L.I. FIRST. Breithut and Anderson are seen presenting Senator Johnson with a plaque in recognition of his generous donation of \$100,000 to support the 2004 LI-FIRST Robotics Competition.

The School-Business Partnerships of Long Island coordinates the Long Island Regional and is charged with raising over \$200,000 necessary to put on the competition.

By joining us as a sponsor of the event, you will help us to ensure that our students, Long Island's future high-tech workforce, are better able to engage in the vital fields of technology and engineering. You will also be helping to secure Long Island's future as a leading technology region.

We urge you to join Hans Zobel of FESTO and New York State Senator Owen Johnson and other Long Island technology and community leaders in supporting next year's competition.

For more information, contact (631) 692-2962.



Pictured (left-right) is Janet Anderson, Program Coordinator of LI-FIRST; Hans Zobel, FESTO; and Fred Breithut, President of SBPLI and Director of L.I. FIRST. Breithut and Anderson are seen presenting Zobel with a plaque in recognition of FESTO's ongoing and generous support of SBPLI and the Long Island FIRST Robotics Competition. Zobel was also recognized as Volunteer of the Year.