

A robot from the Plainedge High School Team #527 shoots the basketball into one of the hoops in a game of "Rebound RumbleSM" at School-Business Partnerships of Long Island's 13th annual Long Island Regional FIRST Robotics Competition on March 30-31. Also pictured are the robots from the Pierson High School Robotics Team #28 and the Queens Vocational and Technical High School Robotics Team #1796.

WINNERS ANNOUNCED AT 13TH ANNUAL LONG ISLAND REGIONAL FIRST ROBOTICS COMPETITION

More than 1,200 students from 50 high schools from Long Island, the New York metropolitan area, Pennsylvania and Ohio participated in School-Business Partnerships of Long Island, Inc.'s (SBPLI) 13th annual Long Island Regional FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition. The event took place on March 30-31, 2012 at Hofstra University's David S. Mack Sports and Exhibition Complex. Teams received honors and recognition that rewarded design excellence, competitive play, sportsmanship and high-impact partnerships among schools, businesses and communities.

With the hope of winning one of several coveted awards, high school students worked with professional mentors to design and build a robot over a six-week timeframe using a kit of parts and a standard set of rules. The students gathered to compete with their robots in this year's game, "Rebound RumbleSM," in which two alliances of three teams competed

on a 27-by-54-foot playing field with bridges, attempting to earn points by shooting as many basketballs into the hoops as possible. Additional points were earned for balancing robots on the bridges.

During the event, SBPLI named Robert V. Kukta, associate professor and director of the undergraduate program at Stony Brook University's Department of Mechanical Engineering, and Frank Saladino, a former technology teacher at Plainview-Old Bethpage High School, as its Volunteers of the Year. The Fred Breithut Award went to Edwin Meyer of Brentwood High School Robotics Team #3460. Robert Gandolfo, mentor for the Plainedge High School Robotics Team #527, received the Regional Woodie Flowers Award. Winners of the Dean's List Finalist Award were Emily Stern of the Plainview-Old Bethpage JFK High School Robotics Team #353 and Joshua Graber of the Great Neck South High School Robotics Team #2638.

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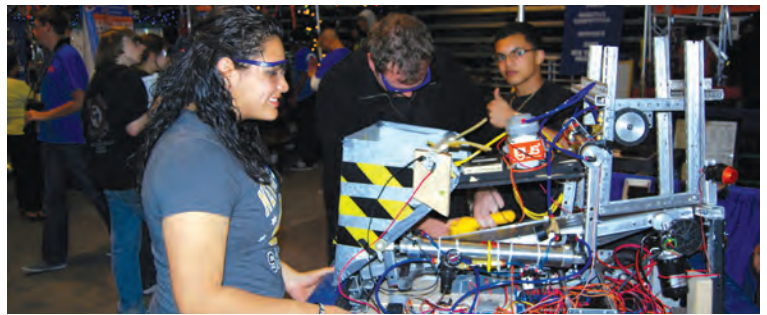
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WINNERS ANNOUNCED AT 13TH ANNUAL LONG ISLAND REGIONAL FIRST ROBOTICS COMPETITION (Continued)

Major sponsors for this year's competition were SBPLI, Inc., Motorola Solutions Foundation, FESTO Corporation, Hofstra University, School Construction Consultants, Inc., BAE Systems, Northrop Grumman, Stony Brook University, Farmingdale State College, Schenck Trebel Corporation, Mr. Scott Matovich and Family, and Estée Lauder Inc.

Members of the Uniondale High School Robotics Team #1537 work on the robots in the pit area in preparation for an upcoming game during "Rebound RumbleSM."



REGIONAL AWARD WINNERS

Award	Team #	School	Location
Musical Performance Award	2872	The Wheatley School	Old Westbury, NY
Imagery Award in honor of Jack Kamen	3059	Riverside Engineering & Design High School	Yonkers, NY
Rockwell Automation Innovation in Control Award	2875	Cold Spring Harbor High School	Cold Spring Harbor, NY
Xerox Creativity Award	1751	Comsewogue High School	Port Jefferson Station, NY
Delphi Engineering Excellence Award	3137	Connetquot Central School District	Bohemia, NY
Kleiner Perkins Caufield & Byers Entrepreneurship Award	884	Malverne High School	Malverne, NY
Judge's Award	1468	Hicksville High School	Hicksville, NY
Website Award	353	Plainview-Old Bethpage JFK High School	Plainview, NY
General Motors Industrial Design Award	1796	Queens Vocational and Technical High School	Long Island City, NY
Coopertition™ Award	569	W.T. Clarke High School	Westbury, NY
Motorola Quality Award	527	Plainedge High School	North Massapequa, NY
Johnson & Johnson Gracious Professionalism Award	358	Hauppauge High School	Hauppauge, NY
Chrysler Team Spirit Award	353	Plainview-Old Bethpage JFK High School	Plainview, NY
Rookie Inspiration Award	4006	Central Islip Senior High School	Central Islip, NY
Rookie All Star Award**	3950	North Shore High School	Glen Head, NY
Highest Rookie Seed Award	4006	Central Islip Senior High School	Central Islip, NY
Underwriters Laboratories Industrial Safety Award	329	Patchogue-Medford High School	Medford, NY
Regional Finalist #1	3137	Connetquot Central School District	Bohemia, NY
Regional Finalist #2	329	Patchogue-Medford High School	Medford, NY
Regional Finalist #3	353	Plainview-Old Bethpage JFK High School	Plainview, NY
Regional Winner #1**	527	Plainedge High School	North Massapequa, NY
Regional Winner #2**	1796	Queens Vocational and Technical High School	Long Island City, NY
Regional Winner #3**	870	Southold Junior Senior High School	Southold, NY
Regional Engineering Inspiration Award**	2638	Great Neck South High School	Great Neck, NY
Regional Chairman's Award* **	564	Longwood High School	Middle Island, NY

** The Chairman's Award is the most prestigious award of the event and recognizes the team that embodies the goals and purpose of FIRST and best represents a model for other teams to emulate.*

*** These teams were eligible to participate in the FRC Championship that took place April 28-29, 2012 at the Edward Jones Dome in St. Louis, MO.*

JOANI MADARASH NAMED EXECUTIVE DIRECTOR



Joani Madarash

School-Business Partnerships of Long Island, Inc. (SBPLI) has named Joani Madarash as executive director of the organization. Ms. Madarash has been an active member of SBPLI's development council and board of directors since 1993 and has acted as interim co-president since January 2012.

Ms. Madarash is president and founder of accessLinx, Inc., a boutique multimedia production company based in Smithtown, New York. Before that, her life's work

focused on vocational rehabilitation and employment of individuals with disabilities.

During her time with SBPLI, Ms. Madarash has served as secretary of the board, vice president of event coordination, and as gala chair for the organization's 60 Over 60 Gala in 2008 and 2009. She also served as event manager of the VIP receptions for the Long Island Regional FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition and the Robots and Roses Receptions at Farmingdale State College. Ms. Madarash has also frequently served as emcee for various receptions hosted by the organization.

In addition, Ms. Madarash is co-president of the Suffolk County Rehabilitation Council and the Long Island regional representative and board member for New York State APSE (Association of People Supporting Employment 1st) since its inception in the early 1990s.

Ms. Madarash received her Bachelor's degree in Psychology from Queens College, City University of New York (CUNY) and her Master's degree with advanced graduate studies in Counseling at C.W. Post at Long Island University.

FESTO CORPORATION, MOTOROLA SOLUTIONS FOUNDATION EACH DONATE \$25,000 TOWARDS LONG ISLAND REGIONAL FIRST ROBOTICS PROGRAM

School-Business Partnerships of Long Island, Inc. (SBPLI) received checks in the amount of \$25,000 each from Motorola Solutions Foundation and FESTO Corporation. The money went toward the cost of this year's Long Island *FIRST* (For Inspiration and Recognition of Science and Technology) Robotics Competition (FRC), which was held March 30-31, 2012 at Hofstra University.

Due to current economic circumstances, SBPLI seeks additional sponsors to ensure continuation of this excellent and unique STEM (Science, Technology, Engineering and Math) high school level program. In 2012, SBPLI showcased 42 Long Island teams and eight other teams from the metropolitan New York area, Pennsylvania and Ohio at Hofstra University.



Pictured (left to right): Bill Sicari, Hans Zobel, Joani Madarash and John Loonam.



Pictured (left to right); Tom Boehm, Hans Zobel, Joani Madarash and John Loonam.

“ROBOTICS” AIRED ON MSG VARSITY

MSG Varsity can be seen only on Cablevision on Channel 14 (Channel 714 in HD).

On May 12, 2012, MSG Varsity aired an all-new television special titled “Robotics,” which followed three local high school teams as they prepared to compete in the SBPLI Long Island Regional *FIRST* Robotics Competition (FRC). School-Business Partnerships of Long Island, Inc. (SBPLI) sponsors this event as part of *FIRST*'s (For Inspiration and Recognition of Science and Technology) nationwide high school robotics competition. Teams featured in the one-hour

special were Team #329 from Patchogue-Medford High School, Team #353 from Plainview-Old Bethpage High School and Rookie Team #4006 from Central Islip High School.

In “Robotics,” cameras followed the three Long Island teams throughout the six-week process of building a competition-ready robot for the Long Island Regional.

ROBOTS & ROSES RECEPTION AT FARMINGDALE STATE COLLEGE RAISES MONEY FOR FRED BREITHUT SCHOLARSHIP FUND

For the third year in a row, School-Business Partnerships of Long Island, Inc. (SBPLI) hosted the Robots & Roses Scholarship Reception on June 12, 2012 at Farmingdale State College. Those in attendance enjoyed food, beverages and live entertainment and took part in a silent auction. Members of the Plainview-Old Bethpage High School Robotics Team #353 “POBots” demonstrated their robot for the attendees.

Robots & Roses is a fundraising event supported in part by Farmingdale State College, with proceeds going to benefit the Fred Breithut Scholarship Fund, which is named in honor of SBPLI's founder and chairman who passed away on April 26, 2010.

The Fred Breithut Scholarship was established in November 2009 in partnership with Farmingdale State College. It is for eligible graduating high school seniors who have met the academic requirements, participated in the Long Island *FIRST* (For Inspiration and Recognition of Science and Technology) robotics program and will be entering the freshman class to pursue a degree in science, engineering or technology at Farmingdale State College. Qualified students may apply and one student is selected each year.

With Mr. Breithut's passing, SBPLI wishes to keep his legacy alive by continuing to award the scholarship to eligible high school students. The

Robots & Roses Scholarship Reception will help in maintaining sufficient funds to provide a scholarship of \$1,000 per semester to a new incoming freshman student at Farmingdale State College each year, as well as for the earlier Fred Breithut Scholarship recipients as they proceed through their four years of college.



Pictured during this year's Robots & Roses event (left to right) are Ginny Greco, Bob Martin, Joani Madarash and Janet Anderson.

LONG ISLAND TEAMS RECEIVE NUMEROUS AWARDS AT SBPLI'S FIRST LEGO LEAGUE CHAMPIONSHIP TOURNAMENT

More than 400 Elementary and Middle School Students Take the "FOOD FACTOR® Challenge"

Following eight weeks of research and design and two days of participation in the Qualifying Tournaments, 42 teams from elementary and middle schools across Long Island demonstrated their problem-solving skills, creative thinking, teamwork, competitive play and sportsmanship at this year's Long Island *FIRST* (For Inspiration and Recognition of Science and Technology) LEGO League Tournament, "FOOD FACTOR® Challenge," that took place on March 4, 2012 at Longwood High School in Middle Island. This year marked the eighth year of the tournament on Long Island which was sponsored by School-Business Partnerships of Long Island, Inc. (SBPLI) and the Longwood Central School District.

In the FOOD FACTOR Challenge, teams built, tested, and programmed an autonomous robot using LEGO® MINDSTORMS® NXT to solve a set of food safety missions as well as research, develop, and share their innovative solutions to improve the world's current food preparation processes.

FIRST LEGO League is an international program for 9- to 14-year-old children created in a partnership between *FIRST* and the LEGO Group in 1998, based on their common belief that fun and learning go hand-in-hand, and that an inspired mind can accomplish anything. Each September, *FIRST* LEGO League announces the annual Challenge to teams, engaging them in authentic scientific research and hands-on robotics design. Using LEGO MINDSTORMS technologies and LEGO play materials, children design, build, and program robots to complete missions based on real-world challenges. After eight intense weeks, the competition season culminates at high-energy, sports-like tournaments.



Members of Team #782 — "Sweeney Llamas" of Locust Valley prepare to program their robot during the FIRST LEGO League Championship Tournament.

The Champion's Award recognizes a team that embodies the FLL experience by fully embracing the core values of *FIRST* while achieving excellence and innovation in both the robot game and the project. The award winners had the opportunity to participate in one of the two FLL U.S. Opens on either May 4-6, 2012 in Florida or on May 18-20, 2012 in LEGOLAND in California.

Sponsors of the tournament included SBPLI; Longwood Central School District; Massapequa Union Free School District; Brookhaven National Laboratory; *FIRST*; Sideboard Computers; Farmingdale State College; The Law Office of Jeffrey Stern; Lisa Cohen; the Plainview-Old Bethpage School District; Sir Speedy of Plainview; and Robert Woods of LEGO Education.

FLL CHAMPIONSHIP TOURNAMENT AWARD WINNERS

Award	Team #	Location	Team Name
Champion's 1st Place	5318	Girl Scouts of Nassau County (GSNC), Hicksville	GSNC LEGOchicks
Champion's 2nd Place	3438	Bayport	RoboPhantoms
Mechanical Design 1st Place	5	Bayport	Peaced Together
Mechanical Design 2nd Place	782	Locust Valley	Sweeney Llamas
Programming 1st Place	778	Locust Valley	Baybots
Programming 2nd Place	739	Carle Place	Carle Place Middle School
Research 1st Place	5321	GSNC, Merrick	GSNC Merrick Masters:)
Research 2nd Place	4774	Merrick	Full Metal Alchemist
Innovative Solution 1st Place	8867	Dix Hills	Awesome AHAPers
Innovative Solution 2nd Place	775	Locust Valley	Kung Food Fighters
Presentation 1st Place	3307	Hewlett-Woodmere	WMS Bulldogs
Presentation 2nd Place	6124	Smithtown	Viking B.Y.T.E.S.
Robot Performance 1st Place	6254	Floral Park	Brick Heads
Robot Performance 2nd Place	5	Bayport	Peaced Together
Teamwork 1st Place	3707	Middle Island	Longwood Lions Green
Teamwork 2nd Place	9514	GSNC, Oceanside	GSNC Digital Darlings
Gracious Professionalism 1st Place	859	Port Washington	Congo Bots
Gracious Professionalism 2nd Place	5319	GSNC, Hicksville	GSNC LEGOTronettes
Strategy & Innovation 1st Place	3252	Baldwin	Teach Me How To LEGO
Strategy & Innovation 2nd Place	777	Locust Valley	Roboteers
Inspiration 1st Place	5317	GSNC, Merrick	GSNC Catastrophic Moves
Inspiration 2nd Place	3270	Huntington Station	Let Me Think
Judge's Award	11781	Copiague	Copiague Robotics

WINNERS ANNOUNCED AT JUNIOR FIRST LEGO LEAGUE EXPO

On March 4, 2012, fourteen teams participated in the 4th Annual Junior FIRST (For Inspiration and Recognition of Science and Technology) LEGO League (Jr. FLL) Expo at Longwood High School. The event was presented by School-Business Partnerships of Long Island, Inc. (SBPLI) and the Longwood Central School District. This year, Jr. FLL participants took part in the Snack Attack Challenge.

In the Snack Attack Challenge, students took a “hands on” approach to the topic of food safety by exploring how proper preparation and storage can help keep us healthy. Teams learned about simple machines as they built a model made of LEGO elements with a motorized moving part, and created a team Show-Me Poster to represent their Snack Attack findings.

Focused on building an interest in science and engineering in children ages 6-9, Junior FIRST LEGO League is a hands-on program designed to capture young children’s inherent curiosity and direct it toward discovering the possibilities of improving the world around them. Just like FLL, this program features a real-world challenge, to be solved by research, critical thinking and imagination. Guided by adult coaches and the Jr. FLL Core Values, students work with LEGO elements and moving parts to build ideas and concepts and present them for review. Each yearly Challenge has two parts: the LEGO Model and the Show-Me Poster. Working in teams of two to six children and guided by at least one adult coach, teams worked to complete the Challenge.



Members of the Girl Scouts of Suffolk County in Farmingville “Extreme LEGO GO GO Boots” — Team #481 show off their medals and their Show-Me poster at the Junior FIRST LEGO League Expo.

Sponsors of the tournament included SBPLI; Longwood Central School District; Massapequa Union Free School District; Brookhaven National Laboratory; FIRST; Sideboard Computers; Farmingdale State College; The Law Office of Jeffrey Stern; Lisa Cohen; the Plainview-Old Bethpage School District; Sir Speedy of Plainview; and Robert Woods of LEGO Education.

JUNIOR FIRST LEGO LEAGUE TOURNAMENT AWARD WINNERS

Award	Team #	Location	Team Name
Against All Odds	2172	Elmont	Zion Jr. Innovators
Teamwork	2272	Merrick	Fabulous Fayette 5
Teamwork	482	Girl Scouts of Suffolk County (GSSC), Nesconset	Super Scoopers
Teamwork	481	GSSC, Farmingville	Extreme LEGO GO GO Boots
Teamwork	871	Melville	Amazing Builders
Show Me Poster	98	Huntington Station	Justice League
Show Me Poster	2296	Old Bethpage	Storm Hawks
Show Me Poster	658	Oyster Bay	St. Dominators
Team Spirit	1232	Commack	Fruit Flyers
Reviewers Award	903	Oyster Bay	Munchkins
Reviewers Award	1493	Merrick	Merrick Connection
Model Design Award	220	Seaford	LEGOonauts
Model Design Award	1716	Albertson	TNT Muff
Gracious Professionalism	1887	Plainview	Robotic Brain Freezers

A SUMMER OF FUN AND LEARNING AT SBPLI'S FIRST ROBOTICS SUMMER DAY CAMP

On July 23-27, 2012, School-Business Partnerships of Long Island, Inc. (SBPLI) held its inaugural FIRST (For Inspiration and Recognition of Science and Technology) Robotics Summer Day Camp at Dowling College.

In addition to developing an interest in science, engineering and technology during the five-day camp program, campers ages 9-18 learned how to assemble and program robots. The camp was designed for middle school students, incoming freshmen and sophomores, and students at all high school levels who have not played an active technical role on a high school robotics team.

At the conclusion of the camp, parents and friends were invited to see what their children had accomplished. Campers demonstrated how robots could move using voice-activated technology, pull objects over long distances and navigate a maze. Students also explained how the robots were able to operate using mechanical and electrical engineering and pneumatics. After the demonstration, middle school campers took turns operating one of the high school robots used in this year’s “Rebound Rumble” to shoot a basketball into a hoop. All campers received a certificate and a T-shirt from SBPLI.



Representatives from SBPLI and Dowling College are joined by the campers. Pictured are: Pat Hughes (back row, left), Dr. Elana Zolfo (back row, second from left), Dr. Jeremy D. Brown (back row, third from left), Ralph Cerullo (back row, seventh from right), Frank Saladino (back row, fourth from right), Joani Madarash (back row, third from right), and Ronnie McDonald (back row, second from right).



A group of FLL campers show parents and guests how their robot is able to navigate a maze during a presentation at School-Business Partnerships of Long Island’s FIRST Robotics Summer Day Camp at Dowling College.

John W Engeman
Theater at Northport

SUPPORTS SCHOOL-BUSINESS PARTNERSHIPS OF LONG ISLAND, INC.

SAVE \$5 OFF REGULAR TICKET PRICE

As part of the "Community Give Back" Program, the John W. Engeman Theater is proud to offer members and supporters of School-Business Partnerships of Long Island, Inc. **\$5.00** off the regular ticket price.

In order to receive the discount, contact the box office directly at (631) 261-2900 and mention the code **SBPLI**. **When the code is used, the John W. Engeman Theater will donate \$10.00 to SBPLI for each ticket purchased.**

To order tickets online, visit www.engemantheater.com and input **SBPLI** in the promo box. **(This offer is not available for Friday and Saturday night performances.)**

The following plays will run during the season:

"Sweet Charity"

Now Through October 28

"A Christmas Carol"

November 15, 2012-January 6, 2013

"Wait Until Dark"

January 24-March 10

"Boeing Boeing"

March 21-May 5

"South Pacific"

May 23-July 14

John W. Engeman Theater is located at 250 Main Street in Northport.

For more information, call the theater at (631) 261-2900 or visit www.engemantheater.com.

ABOUT SBPLI

School Business Partnerships of Long Island, Inc. was founded in 1984 by Fred Breithut with the goal of developing partnerships between local high schools and businesses that would provide students with practical experience and curriculum development, while helping the business community develop its future workforce. More than 100 partnerships have been formed. In 1999, Long Island *FIRST* was formed for the purpose of developing a Long Island Regional *FIRST* Competition. In 2000, fourteen high school teams participated. The Long Island Regional has since grown with 50 teams participating in 2012.



PO Box 101
Kings Park, NY 11754
(631) 627-8400
www.sbpli.org

CALENDAR OF EVENTS

3rd Annual Fred Breithut Golf Tournament

September 20, 2012

Wind Watch Golf & Country Club,
Hauppauge

FRC Post-Season Invitational November 17, 2012

Half Hollow Hills West High School,
Dix Hills

SBPLI Family & Friends Night at the New York Islanders

November 17, 2012

Nassau Coliseum

FLL Practice Tournament December 1, 2012

Farmingdale State College

Barnes & Noble Book Fair December 8-9, 2012

Barnes & Noble
Manhasset & Lake Grove

Fred Breithut Scholarship Holiday Fundraiser Breakfast

Date TBD (December)

Farmingdale State College, Knapp Hall

FRC Kickoff

January 5, 2013

Stony Brook University,
Jacob Javits Center, Room 100

FLL Qualifying Tournaments

January 26-27, 2013

TBD

FLL Championship Tournament March 3, 2013

Longwood High School

14th Annual Long Island Regional *FIRST* Robotics Competition

April 5-6, 2013

Hofstra University

FOR MORE INFORMATION, VISIT WWW.SBPLI.ORG