



*A team member from the Mechanical Bulls of Smithtown, FIRST Team #810, gears up for an intense match at the School-Business Partnerships of Long Island, Inc.'s Long Island Regional FIRST Robotics Competition.*

## WINNERS ANNOUNCED AT LONG ISLAND REGIONAL FIRST ROBOTICS COMPETITION

School-Business Partnerships of Long Island, Inc. (SBPLI) held its 15th annual Long Island Regional *FIRST* (For Inspiration and Recognition of Science and Technology) Robotics Competition at Hofstra University's David S. Mack Sports and Exhibition Complex (Arena) in Hempstead on March 28-29.

More than 2,000 students from 50 high schools from Long Island, New York City, New Jersey, and Brazil participated. 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, program 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, "Aerial Assist<sup>SM</sup>," in which two Alliances of three teams each attempted to shoot as many balls as possible into goals during a two-and-a-half-minute match. Additional points were earned by robots working together to score goals, and by throwing and catching balls over a truss suspended just over five feet above the floor as they moved the ball down the field.

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# WINNERS ANNOUNCED AT LONG ISLAND REGIONAL FIRST ROBOTICS COMPETITION

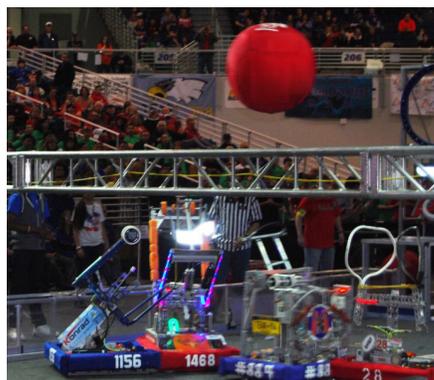
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Robert Kelley, a member of the Bay Shore High School *FIRST* Robotics Team #271 “Mechanical Marauders,” was named the recipient of the Fred Breithut Scholarship. The scholarship is given to a graduating high school student who plans to attend Farmingdale State College and enroll in one of the college’s four-year programs: mathematics, science, engineering technology or computer systems.

SBPLI named Troy Douglas, a longtime volunteer at the Long Island FRC, as its Volunteer of the Year. Winners of the Dean’s List Finalist Award were Justin Greene of the Half Hollow Hills High School West *FIRST* Robotics Team #3624 and Thomas Ciravolo of the Walt Whitman High School *FIRST* Robotics Team #2161. Katie Kurkowski of Southold High School *FIRST* Robotics Team #870 “Team R.I.C.E.” received the Fred Breithut MVP award.

This year’s sponsors included *FIRST*, FESTO Corporation, BAE Systems, Northrop Grumman, Stony Brook University, Hofstra University, Farmingdale State College, The Estée Lauder Companies, Schenck Trebel Corporation, and School Construction Consultants, Inc., among others.

SBPLI is currently seeking local businesses for sponsorship opportunities for the 2015 Long Island Regional. For more information, please visit [www.sbpli.org](http://www.sbpli.org).



A robot from Pierson High School *FIRST* Robotics Team #28 hurls the ball over the truss past the robots from Marista Pio XII High School *FIRST* Robotics Team #1156, Hicksville High School *FIRST* Robotics Team #1468, and Malverne High School *FIRST* Robotics Team #884 during a match at the Long Island Regional *FIRST* Robotics Competition.

Winners of the Long Island Regional were as follows:

Award	Team #	Team Name/School	Hometown
Musical Theme Award	527	Dragons/Plainedge	North Massapequa, NY
Imagery Award in honor of Jack Kamen	333	Megladons/John Dewey High School	Brooklyn, NY
Rockwell Automation Innovation in Control Award	3950	North Shore High School	Glen Head, NY
Xerox Creativity Award	810	Mechanical Bulls/Smithtown	Smithtown, NY
Delphi Engineering Excellence Award	329	Raiders/Patchogue-Medford	Medford, NY
Kleiner Perkins Caufield & Byers Entrepreneurship Award	1156	Under Control/Marista Pio XII	Novo Hamburgo, Brazil
Judge’s Award	564	Longwood Lions/Longwood	Middle Island, NY
General Motors Industrial Design Award	533	The Psi-cotics/Lindenhurst	Lindenhurst, NY
Motorola Quality Award	271	Mechanical Marauders/Bay Shore	Bay Shore, NY
Johnson & Johnson Gracious Professionalism Award	358	Eagles/Hauppauge	Hauppauge, NY
Chrysler Team Spirit Award	2638	Rebels/Great Neck South	Great Neck, NY
Rookie Inspiration Award	5099	Tigers/Northport	Northport, NY
Rookie All Star Award **	5016	Devildroids/Huntington	Huntington, NY
Highest Rookie Seed Award	5016	Devildroids/Huntington	Huntington, NY
Underwriters Laboratories Industrial Safety Award	2638	Rebels/Great Neck South	Great Neck, NY
Regional Finalist #1	28	Whalers/Pierson	Sag Harbor, NY
Regional Finalist #2	1468	J-Birds/Hicksville	Hicksville, NY
Regional Finalist #3	271	Mechanical Marauders/Bay Shore	Bay Shore, NY
Regional Winner #1**	884	Mechanical Mules/Malverne	Malverne, NY
Regional Winner #2**	1156	Under Control/Marista Pio XII	Novo Hamburgo, Brazil
Regional Winner #3**	329	Raiders/Patchogue-Medford	Medford, NY
Regional Engineering Inspiration Award**	28	Whalers/Pierson	Sag Harbor, NY
Regional Chairman’s Award* **	527	Dragons/Plainedge	North Massapequa, 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 24-27 at the Edward Jones Dome in St. Louis, MO.

## FRED BREITHUT SCHOLARSHIP BREAKFAST HELD AT FARMINGDALE STATE COLLEGE

On February 26, School-Business Partnerships of Long Island, Inc. (SBPLI), along with Farmingdale State College, presented its annual Fred Breithut Scholarship Breakfast Fundraiser at the college’s Campus Center. All the funds raised went towards the scholarship, which was awarded to Adam Lopez, a first-year Farmingdale State College student, and a graduate of Longwood High School.

Guest speakers included SBPLI Executive Director Joani Madarash, Farmingdale State College President Dr. Hubert Keen, the college’s chief development officer, Dr. Henry Sikorski; Dr. Lorraine Greenwald, Farmingdale State College’s dean of international education and programs; and Gordon Canary, the district office manager for New York State Senator Phil Boyle’s office.

Mr. Lopez expressed his gratitude for the scholarship and explained his passion for engineering and business, which led him to a double major in Mechanical Engineering Technology and Business.

The scholarship, which was created in 2009 in honor of SBPLI’s founder Fred Breithut, is awarded to an incoming Farmingdale State College student who has participated in SBPLI’s *FIRST* robotics programs and meets the eligibility requirements for the scholarship. The student receives \$1,000 for each semester he/she attends the college (maximum of eight semesters).



Pictured (from left to right): Joani Madarash, Gordon Canary, Adam Lopez, Dr. Lorraine Greenwald, and Dr. Hubert Keen.

# WINNERS ANNOUNCED AT FIRST LEGO LEAGUE CHAMPIONSHIP TOURNAMENT AND 6TH ANNUAL JR. FIRST LEGO LEAGUE EXPO

School-Business Partnerships of Long Island, Inc., in conjunction with Longwood Central School District, kicked off the 10th Annual Long Island FIRST LEGO League (FLL) Championship Tournament and the 6th Annual Jr. FIRST LEGO League (Jr. FLL) Expo on March 2 at Longwood High School. Over 40 FLL teams advanced to this Championship Tournament and approximately 50 Jr. FLL teams participated in the event.

This year's FLL challenge was NATURE'S FURY<sup>SM</sup>. The challenge required students to build and program robots to complete natural disaster missions, such as positioning an evacuation sign, clearing an airplane's runway of debris, and developing solutions that could be used in the future. After the tournament, teams presented their projects that corresponded with the challenge.

This year's Jr. FLL challenge was DISASTER BLASTER<sup>SM</sup>, in which children ages six to nine explored awe-inspiring storms, quakes, waves, and other natural disasters as they built a model made of LEGO® elements with a motorized part. They also presented a "Show Me" Poster, in which students exhibited their research about natural disasters, how technology can help respond to natural disasters, and how first responders use this technology.



Team #4406, Smart Cookies, of the Girl Scouts of Nassau County, gear up for their match at the SBPLI FIRST LEGO League Long Island Championship Tournament.



Team #2070, The Mind Twisters, of Dix Hills, pose at the Jr. FLL parade during SBPLI's Jr. FIRST LEGO League Expo.

Below is a list of award winners from the FLL Long Island Championship Tournament:

Award	Team #, Team Name	Location
Zebra Award	#5570, Chickenators	East Moriches, NY
Alliance Award	#1462, Carle Place Middle School #3181, Floral Park Brick Heads	Carle Place, NY Floral Park, NY
Robot Performance Award	#3181, Floral Park Brick Heads	Floral Park, NY
Mechanical Design Award	#4404, Merrick Masters :)	Girl Scouts of Nassau County, Merrick, NY
Programming Award	#9600, Robotics Avengers	Smithtown, NY
Strategy and Innovation Award	#5012, Fury of the Locust	Locust Valley, NY
Research Quality Award	#5288, Gear Headz	Rocky Point, NY
Innovative Solution Award	#18146, Eagles	Copiague, NY
Creative Presentation Award	#4406, Smart Cookies	Girl Scouts of Nassau County
Inspiration Award	#14190, Lakeville Lightning	Great Neck, NY
Teamwork Award	#15358, Kennedy Creators	Great Neck, NY
Gracious Professionalism Award	#8434, Rocky Point Radical Robotix	Rocky Point, NY
All Around Award	#3181, Floral Park Brick Heads	Floral Park, NY
High Energy Award	#14684, Tornadoes	Greenlawn, NY
Rookie Award	#14139, EMB Targets	Great Neck, NY
Champion's Award	#2878, Tesla Empire	Bayport, NY

Below is a list of award winners from the Jr. FLL Expo:

Award	Team #, Team Name	Location
Amazing Movement Award	#604, LEGO Stormers #1326, The Thinkers #1506, Longwood LEGO Lizards	Hicksville, NY Dix Hills, NY Middle Island, NY
Improvisation Award	#1508, Longwood Team Mudslide #2290, Magma Monsters	Middle Island, NY Yaphank, NY
Effort and Learning Award	#661, LEGO Lava #823, PSOLI K #824, PSOLI 2.1 #931, East Woods School's Rock Solids!	Garden City, NY Merrick, NY Merrick, NY Oyster Bay, NY
Complexity and Decoration Award	#1509, Longwood Fireballs #2652, Floral Park LEGO Fanatics #2653, The Power Housers #3051, Longwood Tsunami Splashers	Middle Island, NY Floral Park, NY Floral Park, NY Middle Island, NY
Most Explosive Award	#815, Team Tornado #825, PSOLI 2.1/Sapphire Cobras #922, Cliffsidiers #2070, The Mind Twisters	Locust Valley, NY Merrick, NY Girl Scouts of Nassau County Dix Hills, NY
Robust Design Award	#372, Super Scoopers #2659, Blue LEGO Hulks #2721, North Side Water Surges #3049, Longwood Blue Blasters	Girl Scouts of Suffolk County Floral Park, NY East Williston, NY Middle Island, NY
Construction Innovation Award	#373, Robot Girls #816, The Knockouts #1759, Disaster Blasters #2658, Epic Destructive LEGO Bots	Girl Scouts of Suffolk County Locust Valley, NY Greenlawn, NY Floral Park NY
Team Spirit Award	#157, Brainstormers #3015, LEGO Ladies #3017, Square Root of Nine #3028, Longwood LEGO Legends	Bayport, NY Melville, NY Melville, NY Middle Island, NY
Teamwork Award	#3, LEGO Maniacs #678, GC Brick Builders #702, Ghost Eagles #826, PSOLI 3.1	Huntington Station, NY Garden City, NY Garden City, NY Merrick, NY
Inquiring Minds Award	#819, Storm Troopers #1507, Longwood Team Avalanche #3050, Longwood Weather Wizards #3052, Longwood Mindcrafters	Locust Valley, NY Middle Island, NY Middle Island, NY Middle Island, NY
Long Island Award	#820, Royal Builders #821, Rescue Bots #2651, Super Six	Bayville, NY Bayville, NY Floral Park, NY
Gracious Professionalism Award	#2939, Amazing Creation	Bellmore, NY

# SBPLI ANNOUNCES AWARD WINNERS OF *FIRST* TECH CHALLENGE QUALIFYING TOURNAMENT AT SYOSSET HIGH SCHOOL

New York City *FIRST* (For Inspiration and Recognition of Science and Technology), along with School-Business Partnerships of Long Island, Inc., presented the *FIRST* Tech Challenge (FTC) Qualifying Tournament on March 1 at Syosset High School. Twenty-two teams from Long Island, the metropolitan New York area and Connecticut took part in the daylong competition.

The FTC is a program through *FIRST*, which is an organization that focuses on teaching children and young adults STEM (science,

technology, engineering, and mathematics) skills through stimulating robotics competitions. The FTC tournament requires students in grades seven through 12 to design, build, and program a robot to compete within an alliance format against other teams. Each year, a different themed challenge is presented to those who participate in the tournament.

The challenge was “FTC® BLOCK PARTY! SM”, in which Alliances of two teams programmed their robots to place plastic blocks onto pendulum goals. During each two-and-a-half

minute match, teams also had to raise their team flag up a flagpole, elevate their robots off the ground using a platform pull-up bar, and finish the match with a balanced pendulum to earn extra points.

Following the tournament, an award ceremony was presented by the *FIRST* judges. Different teams won trophies for various categories that represented a range of qualities, such as teamwork, creativity, and inspiration. The winners are listed below:



Members of Team #7120 “Bionica” (left) steer their robot while the members of Team #8109 “Beta Testers” (right) confer with each other during the *FIRST* Tech Challenge at Syosset High School.

Award	Team #	Team Name	Hometown
Motivate Award	6154	BotMasters	Boy Scouts and Girl Scouts of Nassau County, Merrick and Farmingdale, NY
Connect Award	7035	Radical Robots	Girl Scouts of Suffolk County, NY
Rockwell Collins Innovate Award	7407	Team Vega	Half Hollow Hills, NY
PTC Design Award	123	Vanguard	Syosset, NY
Think Award *	7120	Bionica	Hewlett, NY
Alliance Award Winner	4017	RoboPandas	Sewanhaka, NY
Alliance Award Winner **	6942	Pandemonium2	West Babylon, NY
Alliance Award Finalist	7417	Portledge School	Locust Valley, NY
Alliance Award Finalist ***	6722	Knights Who Say C	Independent
Inspire Award 1st Place *	4183	Icebreakers	Girl Scouts of Nassau County, Merrick, NY
Inspire Award 2nd Place *	8073	Quantum Chaos	Rocky Point, NY
Inspire Award 3rd Place *	3981	Gold Griffins	Bronx, NY

\* Indicates that these teams moved onto the NYC/Long Island Regional Championship Event which took place at NYU/Polytechnic Institute on March 8.  
 \*\* Pandemonium2 was the first team selected to the Winning Alliance and competed in the NYC/Long Island Regional Championship (Please note: Team #123, “Vanguard” from Syosset, hosted the event and also attended the NYC/Long Island Regional Championship).  
 \*\*\* Radical Robots was captain of the Alliance Finalist and competed in the NYC/Long Island Regional Championship.

## SBPLI RECEIVES DONATION FROM IEEE’S LONG ISLAND SECTION



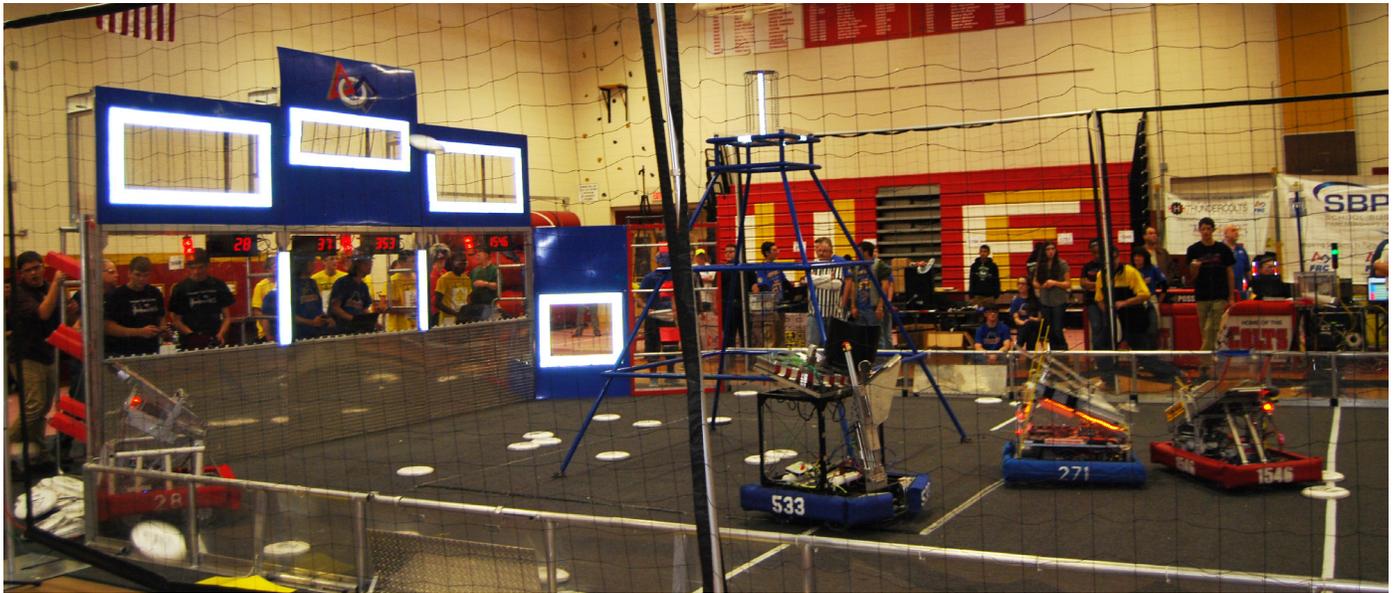
Pictured (left to right): John G. Schmidt, Joani Madarash and Chris Early.

On February 26, School-Business Partnerships of Long Island, Inc. was presented with a check in the amount of \$1,000 from the Institute of Electrical and Electronics Engineers (IEEE) to support the organization’s many educational programs, such as the Long Island Regional *FIRST* (For Inspiration and Recognition of Science and Technology) Robotics Competition (FRC).

IEEE is the world’s largest technical professional society. It is dedicated to supporting the development of technological excellence for the benefit of humanity around the globe. Members of the IEEE encourage a technological global community of highly cited publications, conferences, technology standards, and professional educational activities.

“We cannot thank IEEE enough for their generosity,” said SBPLI Executive Director Joani Madarash. “We are so grateful for their donation to help support our programs. The IEEE is an excellent organization and we look forward to joint initiatives in the future.”

# SBPLI SUPPORTS HALF HOLLOW HILLS INVITATIONAL POSTSEASON ROBOTICS EVENT



A robot from the Bay Shore “Mechanical Marauders” FIRST Robotics Team #271 shoots a disc into the goal during one of the rounds of the second annual Half Hollow Hills Invitational.

On November 16, 2013, high school robotics teams met at Half Hollow Hills High School West for a postseason robotics competition, sponsored by School-Business Partnerships of Long Island, Inc. (SBPLI) and the Half Hollow Hills School District.

The competition was designed to showcase the benefits of robotics programs on students, schools and their communities. Residents, teachers and administrators from the Half Hollow Hills School District and other Long Island school districts showed support for SBPLI and the robotics competition by attending the event.

Twenty-seven teams took part in the invitational: Baldwin, Bay Shore, Brentwood, Central Islip, Center Moriches, Cold Spring Harbor, Comsewogue, Connetquot, Great Neck South, Half Hollow Hills, Hauppauge, Hicksville, Island Trees, Lindenhurst, Long Island City, Malverne, Miller Place, North Shore, Patchogue-Medford, Pierson, Plainview-Old Bethpage, Port Washington, Sagem North, Seaford, and West Islip, with Huntington

and Northport participating as pre-rookie teams.

The finalists of the competition were *FIRST* Robotics Team #533, “PSIcotics” from Lindenhurst; *FIRST* Robotics Team #271, “Mechanical Marauders” from Bay Shore; and *FIRST* Robotics Team #2875, “Cyberhawks” from Cold Spring Harbor. The winners were *FIRST* Robotics Team #871, “Robotechs” from West Islip; *FIRST* Robotics Team #329 “Raiders” from Patchogue-Medford; and *FIRST* Robotics Team #3137, “T-Birds” from Connetquot.

Participating teams used the robots they built for the 2013 Long Island Regional *FIRST* Robotics Competition, which was held at Hofstra University in April 2013. During the competition, students had their robots, some weighing as much as 120 pounds, compete on a 27-by-54-foot playing field with bridges, attempting to earn points by shooting as many discs into the goals as possible. Matches ended with robots attempting to climb up pyramids located near the middle of the field.

## SBPLI WELCOMES NEWEST BOARD MEMBERS

Ray Donnelly, Carl Mesenberg and Jeffrey Stern have joined School-Business Partnerships of Long Island, Inc. (SBPLI) as its new board members.

Mr. Donnelly is a seasoned executive in international business with experience in over 20 countries throughout Europe and South America. He has also served as an official in local government, economic development and not-for-profit positions on Long Island. He brings to SBPLI a wealth of expertise that he gained with global companies such as Ericsson, Rockwell and Telephonics. His public sector record includes serving as the Director of Economic Development for the Town of Brookhaven and Deputy Executive Director of the Long Island Forum of Technology.

He is a graduate of St. Joseph's College and has completed executive education programs at New York University and the Institute of Directors in London. Mr. Donnelly has served on the board of the Suffolk Community College Foundation and is a former member of the American Chambers of Commerce in London and Dublin.

Mr. Mesenberg has been involved with the management of complex technical projects, both domestically and internationally, for more than 30 years. His positions have included Senior Vice President, Vice President and Director of Engineering, as well as many program management positions. He has also done technology consulting for Fortune 50 companies, as well as small startups.

He is also Vice President of Operations for an inspirational products company primarily specializing in women's casual clothing and giftware. In this position, he has been managing all the domestic and overseas procurement

and contract negotiations, shipping arrangements, quality control, sample evaluation and design oversight.

Mr. Stern is a practicing attorney on Long Island for over 35 years. Currently a solo practitioner (after a 20-year partnership at Stern and Altimari), he has built a thriving law practice that includes real estate transactions on Long Island and New York City, business transactions, litigation and estate planning.

Three of his four children have participated in *FIRST* (For Inspiration and Recognition of Science and Technology), and have earned college degrees in engineering. He volunteers at many events and has judged for *FIRST* LEGO League for over 10 years. He has also coached soccer, roller hockey and basketball for over 25 years. In addition, he volunteered at a local tutoring program and was a board member of the Jeffrey Mosenson Memorial Foundation.

SBPLI is thrilled to welcome these three individuals to the Board!



Ray Donnelly



Jeffrey Stern



Carl Mesenberg



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## ABOUT SBPLI

School-Business Partnerships of Long Island, Inc. (SBPLI) 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. Over 100 partnerships have been formed. In 1999, SBPLI brought the *FIRST* (For Inspiration and Recognition of Science and Technology) Robotics Competition to Long Island, in which eight high school teams participated. Since then, the Long Island Regional *FIRST* Robotics Competition has grown to 50 teams competing each year. SBPLI also hosts the *FIRST* Tech Challenge and Long Island's annual *FIRST* LEGO League Qualifying and Championship Tournaments and the Junior *FIRST* LEGO League Expo, in which over 1,300 elementary and middle school students from Nassau and Suffolk Counties take part each year. For more information, visit [www.sbpli.org](http://www.sbpli.org).



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**FOR MORE INFORMATION,  
VISIT [WWW.SBPLI.ORG](http://WWW.SBPLI.ORG)**

## CALENDAR OF EVENTS

### **3rd Annual Half Hollow Hills Invitational**

**November 15, 2014**  
Half Hollow Hills High School West,  
Dix Hills

### ***FIRST* LEGO League Practice Tournaments**

**December 6, 2014**  
Ronkonkoma Middle School

### ***FIRST* Robotics Competition Kickoff**

**January 3, 2015**  
Stony Brook University  
Jacob Javits Center, Room 100

### ***FIRST* Tech Challenge Qualifying Tournament**

**January 18, 2015**  
Hewlett High School

### ***FIRST* LEGO League Qualifying Tournaments**

**January 24-25, 2015**  
Central Islip High School  
*(In the event of inclement weather, tournaments  
will be held on February 7-8, 2015)*

**January 31, 2015**  
Mineola

### ***FIRST* Tech Challenge Qualifying Tournament**

**January 31, 2015**  
Syosset High School

### **Fred Breithut Scholarship Breakfast February 2015**

Farmingdale State College

### ***FIRST* LEGO League Championship Tournament and Junior *FIRST* LEGO League Expo**

**March 1, 2015**  
Longwood High School  
*(In the event of inclement weather, tournament  
and Expo will be held on March 8, 2015)*

### **16th Annual Long Island Regional *FIRST* Robotics Competition**

**March 26-28, 2015**  
Hofstra University

### **Robots & Roses Fred Breithut Scholarship Fundraiser**

**June 2015**  
Farmingdale State College