FIRST® Global Innovation Awards

Finalist Teams and Winners
2010 - Present

FIRST® is a global robotics community that prepares young people for the future.

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2021-2022 FIRST® LEGO® League CARGO CONNECTSM Season

**Takevians** Samsun, Turkey - **Durable Packaging, Solid Cargo Winner**

Durable Packaging, Solid Cargo strengthens corrugated cardboard boxes without changing the amount and type of material by making use of the newly discovered epithelial tissue cell shape, the "Scutoid" shape which can evenly distribute any force applied.

**Baksteen Valken** Oshkosh, Wisconsin, USA - **FalconFire Runner-Up**

FalconFire is device that uses heat, smoke, and infrared flame detectors to sense fires in cargo containers.

**iAmicos** Yorktown Heights, New York - **FlexShelf Runner-Up**

FlexShelf allows for more usable space in containers; it is a height-adjustable platform enabling products marked "not stackable" to be placed underneath while additional cargo is loaded above.

**AC/DC/EG** São Caetano do Sul, São Paulo, Brazil - **Perlite Thermal Insulator (P.T.I) Community Choice Award**

The P.T.I. (Perlite Thermal Insulator) is a low-cost solution made of cardboard plates filled with perlite, which allows the transportation of medicine at a safe temperature.

**The Albots** St. Louis, Missouri, USA - **The Road Guardian Implementation Award**

The Road Guardian is a solution to automate the reporting of road conditions and potholes.

**CRE8** Mason, Ohio, USA - **F.R.E.S.H. Pack Create Award**

F.R.E.S.H pack (Farmer-friendly, Reusable, Eco-cooling, Scalable, Heat-reducing Packaging solution) is an eco-friendly, affordable, zero electricity packaging solution made of natural materials that can be used at various stages in the post-harvest transportation journey of fresh fruits and vegetables.

**Darth Rappers** Cary, North Carolina, USA - **’MILE’NIUM F.A.L.C.O.N Innovation Impact Award**

The MILENIUM F.A.L.C.O.N (last MILE delivery of vacciNes In an aUtonomous Mini-Freezeron-A-drone for Life-saving medicines and COvid vacciNes) is an autonomous drone with a freezer for last-mile delivery of vaccines.

**Robo Raptors** Fair Lawn, New Jersey, USA - **Cargo on the Clock (C-Square System) Design Award**

Cargo on the Clock uses Radio Frequency IDentification (RFID) technology to decrease the time taken to find a package in the back of delivery trucks, reducing carbon emissions and traffic jams.

**Blue Star Robotics** Pearland, Texas, USA - **Damaged Road Tracking Solution (DRTS)**

Damaged Road Tracking Solution (DRTS – pronounced “dirts”) is a realtime system to identify, report, and prioritize damaged roads.

**Eco Cargo Solutions** Hessa skole, Ålesund, Norway - **Pack-man solution**

The Pack-man solution is a half-pipe mounted on fish delivery trucks that covers the gaps on the truck and leads the meltwater into a storage tank instead of onto the road, which causes accidents.
Gizmo Gang Omaha, Nebraska, USA - *HAGL Dispenser and Tote System*

HAGL Dispenser and Tote System delivers laundry detergent in bulk (330-gallon totes) to stores, where it dispenses the detergent from the totes to reusable jugs to the consumer, reducing packaging waste.

The Great Gatsbys Minneapolis, Minnesota, USA - *PAWSome Packing Product*

PAWSome Packing Product is a packing product composed of entirely recycled materials, capable of a secondary use for small mammals, and finally able to be composted upon end of life-cycle.

The Green Brick Road Mamaroneck, New York, USA - *Green Path Delivery – GPD*

Green Path Delivery (GPD) is a home delivery weatherproof and anti-theft drop-box in neighborhoods to secure package delivery (with rapid-opening Bluetooth-enabled RFID lock), so goods arrive in original manufacturer packaging, reducing packaging waste.

Herobotics – Gold Springdale, Arkansas, USA - *Sensor Powered Organ Transportation*

SPOT - Sensor Powered Organ Transportation allows the transportation of kidneys to be safe, regulating temperature and other key factors during transport.

The MailMasters Redmond, Washington - *Flexi-Box*

Flexi-Box is based on the origami “bellow fold” which can compress and expand; this box will reduce wasted space in packaging.

New Cats on The Block Johnston, Iowa, United States. Invention: The Food Bank Flat

The Food Bank Flat holds food cups (like applesauce) more securely in backpacks given out at food banks and prevents damage to the foil packaging. It is made of low-cost, recyclable materials.

RoboPixls San Jose, California, USA - *PAC (Pixl Affordable Cooling)*

PAC, or Pixl Affordable Cooling is a portable refrigeration device, using a team designed PAC power hub that combines the electricity generated from a solar panel and bicycle wheels.

SESI Biotech São Paulo, Brazil - *Ideal Box Showcase Team*

The Ideal Box is a sustainable delivery box made from recycled materials and coated in coconut fiber that has a heating system and compartment for cold foods.

SustainaBot Milano, Italy - *FrostBox*

FrostBox is a portable medicine transportation system and contains a thermometer, a GPS, and an AI.

The Swag Hats Waukee, Iowa, USA - *OSCAR- Organ Sensing Cargo Alert Reader*

OSCAR (Organ Sensing Cargo Alert Reader) is a cooler with sensors and tracker that helps keep organ alive during transport by alerting everyone connected to OSCAR if there is a problem.

TriTech Dix Hills, New York, USA - *SCOUTbot*

SCOUTbot is an autonomous robot that travels ahead of freight trains to scan for track damage or objects on the track.
to signal the train to stop before a collision occurs.
2020-2021 FIRST® GAME CHANGERS℠ Season
The FIRST® Global Innovation Awards welcomed FIRST® Tech Challenge and FIRST® Robotics Competition teams who participated in the FIRST Innovation Challenge presented by Qualcomm during the FIRST GAME CHANGERS powered by Star Wars: Force for Change season.

FIRST® LEGO® League Challenge Teams

**SESI Big Bang** São Paulo, Brazil - FI-GLOVE Winner
FIGLOVE is an innovative strip placed in the palm of the hand that reduces the pain of fibromyalgia patients through pulsed vibrations during the practice of exercise.

**LEGO Legion** Cincinnati, Ohio USA - SmartSteps System Runner-Up
The SmartSteps System is a shoe insole equipped with sensors measuring weight that enables patient recovery from survey or injury and is paired with an App for patient-therapist communication.
The Acti-Go All Terrain Sled combines two sleds into one, for use on both grass and snow, keeping kids active in the summer and winter.

**Believe and Achieve Bots** Bettendorf, Iowa, USA - *Correction Coach*

The **Correction Coach** is a wearable, instant feedback device that helps individuals improve their sports/activities by helping users to train and improve limb movements to learn sports motions correctly.

**Blazing Stars** Buffalo Grove, Illinois, USA – *UltraBlaze*

**UltraBlaze**, a low cost training skateboard equipped with object detection and warning system, provides an opportunity to visually impaired children to explore the world of skateboarding with confidence.

**The Blue Jay Bots** Austin, Texas, USA - *The Mobile U Walker*

**The Mobile U Walker** features a compact design and raises and lowers its legs so that users can comfortably stand from a chair and walk.

**Climb Blind** Bergen, Norway - #Grips for visually impaired climbers

**Climb Blind** makes rock climbing accessible for visually impaired climbers through the use of light and sensors in the climbing grips.

**The Corti-Patch Kids** Oakville, Ontario, Canada - *The Corti-Band Innovation Impact Award*

The **Corti-Monitor System** provides Addison’s Disease patients with knowledge of their cortisol levels and can administer a hands-free injection when needed, so that they are able work out/exercise without concern.

**Cosmic Creators** Des Moines, Iowa, USA - *Improving Baseball for the Blind and Visually Impaired*

Through the use of white noise in place of beeps, Cosmic Creators has improved the sport of Beep Baseball for visually impaired players to help pinpoint the location of the ball.

**D++** Tel Aviv, Israel – *TechKneeCare*

**TechKneeCare** is a knee-physiotherapy home kit that consists of a Bluetooth camera and a customizable application based on the progress of the rehabilitation process.
DO-MORE (Desk & Office – Mobile Ongoing Rewarding Exercise) is a social sports-kit and App that will encourage sedentary employees to be active, healthy, and happy by connecting to a pedal device for a workstation.

Positioning bracelets use a movement detecting program using Python to better track the trajectory of the ball used in Goalball, a Paralympic sport for athletes with visual impairment.

Runner’s Sight was created as an autonomous robot that helps blind people run by guiding them on an Olympic race track.

The Winter Warmer is a garment you wear under your coat that helps keep you warmer longer, was created to help keep people active during the winter in colder climates.

PlayAR is a library of augmented reality fitness games which use your camera on your computer/phone to use your face as a controller and mix fitness with games.

Limestoneopoly is an interactive game that not only motivates players to get out and be active, but also inspires them to be more involved with their town square or wherever the game takes place.

Move Bag is a multifunctional and sustainable backpack to practice physical exercise while on the go and is attached with an elastic system put in strategic places to allow for several types of exercises using all muscle groups.

The ExerWheel4000 is a add-on for existing wheelchairs that converts exercise movements into wheelchair motion, providing wheelchair users with more opportunity to be active.

Acti-Vest empowers the visually impaired to navigate and explore the world around them by enabling the wearer to navigate their surroundings by using ultrasonic sensors.

The Third Eye is a sensor strap that alerts users of surrounding obstacles with an infrared sensor connected to a haptic motor, allowing those with impaired vision to experience outdoor play.
14725 - Java the Hutts Fort Myers, USA - PATHWAYS: Mobility Tool for the Visually Impaired Winner

PATHWAYS is a ultra wideband radio detector device with an integrated vibration motor module that attaches to a cane for visually impaired users and through its novel software, forms a virtual boundary, enabling a safe path for movement.

18368 – ALIEN Greendale, Wisconsin, USA - Winter Wheels Runner-Up

Winter Wheels is a set of clip-on, traction-enhancing wheel covers for wheelchairs. Winter Wheels allow wheelchair users to maintain mobility in snowy and icy outdoor conditions.

16457 – Deviation Aurora, Illinois, USA - Flex-Fit Runner-Up

The Flex-Fit is a Bluetooth device that is controlled by muscle contractions and allows people to play video games by contracting a specific muscle, which helps to strengthen it over time and helps people struggling to complete their physical or occupational therapy.
18025 - BSRC Mad About Robots  Pune, Maharashtra, India -  STUNNER | Learn, Play, Exercise Business Model Award

STUNNER is a 3-in-1 solution (learn-play-exercise) to mental health and academic pressures faced by students and it mounts on the handlebars of an existing exercise-bike.

6547 - Cobalt Colts  Overland Park, Kansas USA -  Wii Fit Balance Board for Nintendo Switch

Wii Fit Balance Board allows the user to play video games just like a controller, but with physical movements, combining gaming with physical exercise.

11248 – Cougars  Chatham, New Jersey, USA -  Enabling Long-Term Patient Health Trend Tracking

Enabling Long-Term Patient Health Trend Tracking bridges the gap between virtual and physical health through an App that enables health care professionals to evaluate patients through activities, tests, and games to monitor long term health and prescribe treatment.

16548 - Dream Machines  Austin, Texas, USA -  Fast Find

The FastFind is an easily installed App that leads users on a scavenger hunt through walking, jogging, running, biking, or using a wheelchair and rewards players for moving both indoors and out.

14564 - Fast and Curious  San Diego, California, USA -  MATRx - A motivating exercise mat for the future

MATRx is a fun, affordable, configurable, smart mat that guides and motivates movement and can incorporate it into any sedentary activity via guided and configurable squares.

10161 - Fayetteville Free Library SUITS  Fayetteville, New York, USA – ExerStep

The ExerStep is a compressible foot pedal that encourages and tracks lower limb movement, helping Postoperative lower limb joint replacement patients with their movements.

16944 - FM493RS  El Dorado Hills, California, USA -  Scolioxercise: Resistive Exercise Vest with Medical Safeguards for Counteracting the Debilitating Effects of Scoliosis

Scolioxercise is a personalized system that uses resistance bands attached to a vest with sensors to monitor the pressure being exerted on the spine, allowing people with scoliosis to exercise safely and strengthen their back.

11997 - Heights Techies  Bronx, New York, USA Improving Blood Circulation for Wheelchair Users (WESST) is a wearable electronic system of conductive fabric that generates electrical muscle stimulation and creates electrical pulses that mimic the action of electrical signals coming from neurons, helping improve blood flow and health for wheelchair users.

18225 - High Definition  Bellevue, Washington, USA -  Heart-and-Sole

Heart-and-Sole is a one-of-a-kind mobile fitness App that combines fun and adventure with walking.

11039 - Innov8rz  Fremont, California USA -  DigiHealth: Health like never before

DigiHealth is an App that integrates the user’s personal goals and restrictions to tailor complementary diet and exercise routines to maximize health improvement.

15465 - K.R.A.S.H.  Howell, Michigan, USA KEBB -  KRASH Engineered Boxing Bag by Team 15465

KEBB (KRASH Engineered Boxing Bag) is designed and programmed to help regress the symptoms of Parkinson’s disease by combining physical and cognitive activity.

3415 – Lancers  Livingston, New Jersey, USA -  Fitness Frenzy

The Fitness Frenzy uses bracelets paired with a phone App to promote exercise using the addictive power of video games.

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First LEGO League  First Tech Challenge  First Robotics Competition
18433 - MakeShift Tech Hamilton, Ontario, Canada - Paws Abilities

Paws Abilities is a product created by teens for teens; its App rewards for the timely completion of activities with enhancements for a virtual pet of their choosing, helping teens suffering from ADHD, ADD, depression and anxiety.

16884 - Mechanical Advantage San Diego, California, USA - Encouraging Physical Activity in Autistic Children Using Personalized Gamification App Innovation Impact Award

This App uses the unique traits of children with autism to create a personalized gaming experience that rewards steps walked, jogged, or run with earned time to play a hidden object game.

19030 - Team Supercalifragilisticexpialidocious Delhi, India - H.O.P.E - Humanly Operable Programmed Exerciser

H.O.P.E. - the Humanly Operable Programmed Exerciser is a portable robotic rehabilitation system that can act as an artificial affordable physiotherapist for all.

8565 - Technicbots Plano, Texas USA Burt's Helping Hand

Burt's Helping Hand is a custom-designed training device that engages kids with Developmental Coordination Disorder (DCD) through play while targeting a specific motor skill.

16656 – Thunderbots Granite Bay, California, USA – Umuscle Design Award

The UMuscle is an innovative self-learning system to help prevent muscle atrophy, combining electrical muscle stimulation, electromyography, and machine learning to recommend customized programs for each user.

**FIRST® Robotics Competition Teams**

5553 - Robo'Lyon Neuville Sur Saone, France - Walk Assistant Winner

The Walk Assistant is a belt that provides a solution for Parkinson's disease patients who develop a "Freezing" (sudden immobility) symptom and allows them to walk more easily.
SightWalk is a visual assistance and sidewalk navigation device that helps visually-impaired individuals navigate outdoor environments; it uses a chest-mounted device that vibrates and gives audio cues to alert the user of potential concerns.

Circulatio is convenient wearable technology. In the form of compression sportswear leggings/biker shorts, it reduces the pain of menstrual cramps, allowing menstruating athletes to be comfortable doing physical activities.

Dean's Arm is a robotic arm that easily attaches to powered wheelchairs, providing users and para-athletes with independence and the ability to achieve optimum physical health.

SPOCKS (Sensor Platform for Orthopedic Compliance after Knee Surgery) uses sensors to monitor knee range of motion, weight bearing, and quadricep activation at home so patients better adhere to activities post surgery and share data with their health care professionals.

Swish! Connect helps special-education children develop their motor skills via an auto-adjusting basketball hoop, an App, and a website, helping their ability to easily and independently complete daily tasks.
5406 - Celt-X Hamilton, Ontario Canada – LightPad

The LightPad, is a simple, touch activated, multicoloured light system with built in reminders; it is affordable for all demographics looking to get moving and have fun through online games.

7504 – Cybearbots Brewster, New York, USA - Way-to-Go Cane

The Way-to-Go Cane Attachment gives visually impaired cane users vibrational feedback on obstacles, including those higher than waist height, guiding them to their destination.

8621 - KITS Angels FRC Akola Maharashtra, Team, India - MULTICROP SEED SOWING MACHINE Innovation Impact Award

The Multi Crop Seed Sowing Machine is an affordable and easy to maintain crop sowing system, which contains a feature for farmers to monitor and count seeds per acre and it’s light-weight, handheld design makes it ergonomic for its repetitive motion.

7480 - Machine Mavericks Kingston, Ontario, Canada - AquaCue – A Swim Guide for the Visually Impaired Business Model Award

AquaCue uses sonar positioning technology integrated into swim caps to cue swimmers with visual impairments when they need to turn around in their swim lane.

6418 - The Missfits San Francisco, California USA – PØP

PØP provides a way for families and groups to stay physically active together and have fun doing it from the comfort of their own homes with interactive game piece ‘bubbles’ that stick to flat surfaces.

172 - The Northern Force Gorham, Maine USA - The Seeing Wall

The Seeing Wall is a product that helps people with visual impairments climb portable or gym rock walls using sound and haptic feedback.

3616 – Phenomena Lafayette, Louisiana, USA - “Pheno-Advance 3616”

Pheno Advance 3616 is a pedal assist device that can be added to any bicycle to empower those with an impaired leg to be more active and ride a bike.

4586 – PRIMO Modiin, Israel – EasyMotion

EasyMotion is a compact electrical wheelchair designed to move easily and elegantly around obstacles while being simple to control with minimal muscle effort for the user, allowing them to move in an effective yet dignified manner in their own home.

4253 - Raid Zero Chinese Taipei - NATASHA (Neural-Network Augmented Therapy Assistance Stroke Healing Approach)

NATASHA is a universal online stroke therapy platform which offers specialized games for stroke rehabilitation and is guided by AI machine learning.

7563 - SESI SENAI MEGA ZORD São Paulo, Brazil – Personal Robot

Personal Robot was created as an inclusive tool to demonstrate right way of doing an exercise, making each workout much more efficient and safer by providing personalized training.

971 - Spartan Robotics Mountain View, California USA - T.E.A.R. (Testing and Evaluating ACL Risks)

T.E.A.R (Testing and Evaluating ACL Risks) measures an athlete’s Hamstring to Quadricep ratio through a device dramatically less expensive than competitors; it allows for accurate measurement of the strength of both the hamstring and the quadriceps.

6652 – Tigres Nuevo LeÓN, Mexico - Therapplay
Therapplay is the ideal complement to physical therapy for children with a Musculoskeletal Disorder in the superior limb and guides the patient through challenges via a modular device and App.

2554 - The WarHawks Edison, New Jersey, USA – VisualEyes
VisualEyes aims to assist the visually impaired with navigation and object recognition in their immediate surroundings, providing them the ability to move safely and securely.

900 - The Zebracorns Durham, North Carolina, USA – InSoul
InSoul is a digital shoe insole designed to keep runners in the race and people on their feet; it incorporates machine learning to provide real-time feedback to analyze gait, cadence, stride, pronation, and more to help avid runners avoid acute injury and optimize their running.

2019-2020 FIRST LEGO League CITY SHAPER℠ Season

8 To Automate Dublin, Ohio, USA - REST: Roof Evaluating Strain Tool Runner-Up
Absolute Zero Martinsville, Virginia, USA - The Wheel2Ski
Aideatrón Robotix Canary Islands, Spain - E=Wall Winner
Astro Jelly Dogs Woodbine, Maryland, USA - Grow Homes
The Conyngham Code Crackers, Brobots Sugarloaf, Pennsylvania, USA - The Conyngham Catcher
Electric Eagles Emek Hefe, Israel - GLL - Great Leg Lock
The Fidgety Pokémon Phoenix, Arizona, USA - The Dust Collar
THE F.O.U.R. Clinton, Wisconsin, USA - Rodent Repelling Housewrap
Golden Pandas Westfield, Indiana, USA - Sporalizer
The Greenscrapers Canton, Michigan, USA - The Greenscaper
Hældagerskolen (DOAM) Kolding, Denmark - The IllumiLegInator
Hardhat Hackers Portland, Oregon, USA - Biometric Hardhats for Construction Site Safety
North 40 Oakland, Maryland, USA - Bird Buddies Window Spray
QuickBots Dayton, Ohio, USA - Polar Play Runner-Up
Rebel Robotics Norfolk, Nebraska, USA - The SafeStep
The Ruling Robot Falcons Newport News, Virginia, USA - The Bee Byway
SESI Biotech Sao Paulo, Brazil - ECOPAVI - Cold-applied ecological asphalt sealant
TITANS L.J. Goiás, Brazil - Sustainable Solvent Liquid (SSL)
Wizarding 8, Fuquay Varina, North Carolina, USA - The VOICE (Verbal Operational Inclusion Communication and Equity) Board
X-LANDERS 10.0 Kruisland, The Netherlands - The Mudmaster
2018-2019 INTO ORBIT℠ Season

Alamo Area Co-op T2 (Quadships) San Antonio, Texas, USA - Quadship Space Shower
Blue Box Windham, New Hampshire, USA - SALT: Spacecraft Air Leak Technology
Cats Love Mars Santa Clara, California, USA - C.A.T.S.S. - Combustion Artificial Intelligence Thermal Imaging Safety System
*Chaos Crew Fresno, California, USA - Astrotube Clipper Runner-Up
CrossBots Searcy, Arkansas, USA - Cryo and Thermal Suit (CAT Suit)
FrancoDroid Rio de Janeiro, Brazil - CosmoCup – the space menstrual cup Winner
Happy Dave Juneau, Alaska, USA - Astro Greens
Heschel RoboHawks Northridge, California, USA - Pinacal
iDB TECH-NO-LOGIC Verona, Italy - WEMIT Runner-Up
Mindbuilders Folsom, California, USA - Urilizer
QuickBots Dayton, Ohio, USA - Space Rx
Rambunctious Astrobots Idaho, USA - Scroot Voot 2000
Redstone Mechanics Germantown, Maryland, USA - Growing Food in Space
Robo Flow Hilliard, Ohio, USA - The Space Onesie (S-1Z)
Robotic Wolverines Palm Beach Gardens, Florida, USA - Hand Exoskeleton
Smart Cookies Charlotte, North Carolina, USA - Space Eyes
TalentumSAP Kosice, Slovakia - CUL - Clean Your Laundry
The Eight Magneteers Pittsford, New York, USA - Magnetic Dodgeball
Tiger Techs Team Orange Sharon, Pennsylvania, USA - Shape Shifter
Virus – Estonia - Using useless dust for useful plants

2017-2018 HYDRO DYNAMICS℠ Season

Aqua Allies – Excelsior, Minnesota, USA - D.A.V.I.D. Buoy (Deployable Aquatic Versatile Intelligent Device)
Brick Force – Durango, Colorado, USA - Quadcopter LiDAR Remote Flow Analyzer
Brick Torrent – Draper, Utah, USA - KnowFlow
Coyote Pups Gamma Team – Old Town, Maine, USA - Aquamergency Water Purifier
D++ - Tel Aviv, Israel - PLASTICKER Runner-Up
FEDAC Mix Wolvineers Girona, Spain - Flood Preventer
FOG Busters Richland, Washington, USA - FOG Buster 86
FSINGENIUM Pamplona, Spain - HYDROBALL Winner
FVCA C3s Neenah, Wisconsin, USA - Solar Safe
LEGO Legion Cincinnati, Ohio, USA - UVeggie Runner-Up
MH Razorbots Mountain Home, Arkansas, USA - Venturi Effect Power Supply
Operation T.A.C. (Technology & Character) San Clemente, California, USA - SeaSafe Water Analysis Kit
Rain Regents Leamington, Ontario, Canada - BirdSpa
RevForce Miami, Florida, USA - AWE (Atmospheric Water Extractor)
Robo Girls Lexington, Massachusetts, USA - Flood Level Detection
Rusty Sailors Ventura, California, USA - Fiber Filter
St Clare Transformers 1 New York, New York, USA - Artist’s Miracle
Super Aqua Squad Yuma, Arizona, USA - Aqua Box
The Dots Shoreview, Minnesota, USA – Drip Drop
Thunderbots Sacramento, California, USA - UltraOrganix Filter

2016-2017 ANIMAL ALLIESSM Season

AP CavBots Augusta, Georgia - The MOOd Tag
Black & White Celje, Slovenia - StayBW
Blue Rays Naples, Florida - The Beekeeper 20,000
BrickSmart The Woodlands, Texas - Water Multiplier 4000
Can’t Find that Piece Federal Way, Washington - Saving Animals from Windmills
Green Mustaches Grand Rapids, Michigan - Mustaddle
The Hydrators Oakville, Ontario, Canada - H:O Post Winner
Jasper County 4-H Gearbots Newton, Iowa - Calf Pacifier
NeXT GEN Oakland, Maryland - Bee Haven
Legos R Us Halifax, Nova Scotia, Canada - Animal Deterrent System (ADS)
Les Huskies 2.0 Quebec City, Quebec, Canada - Moulée-Matic
The LEGO Force Westerville, Ohio - THRIVE (Therapeutic Horse Riding Interventional Vest Equipment)
Periodic Pandas Westford, Vermont - Bee Finder
R2-Bee2 Los Altos, California - Safe Hive
SpyDog5.6 Waldron, Arkansas - B.L.U.E. (Blue Light UV Enclosure)
TC Blockheads Neola, Iowa - TC BatClan
Team Gryffindor Chappaqua, New York - Vfly Runner-Up
Team Phoenix Lafayette, Louisiana - FISH: 3.D. Runner-Up
Tiger Pride Pryor, Oklahoma - BeeH:0
Titanium Beasts Ann Arbor, Michigan - Bee ALERT+
2015-2016 TRASH TREKSM Season

24/7 Oakville, Ontario, Canada - Bacteria Buster
A.V.E.N.G.E.R.S. Russel, Ontario, Canada - Yay Bale Wrap
CyberTigers Austin, Texas - Water Soluble 6-Pack Rings Runner-Up
eColors Bilbao, Spain - Blue wipe-cycling
Eli-minator-Gang Halle, Germany - SPILOP (Stop package information leaflets - save our paper)
Fast Thinking Girls Mount Prospect, Illinois - FIRF (Food Into Renewable Fuel)
Gryffindor Chappaqua, New York - PLASTIC ZERO
Green Mountain Gears South Burlington, Vermont - Sorta Scrappy
The Incredibots Gahanna, Ohio - Styro-Filter Winner
iRobot Palo Alto, California - TrashCam
LOL Elm Grove, Wisconsin - The L-Cup
Nano Nerds Folsom, California - Polystyrenator
Not the Droids You Are Looking For Pittsburgh, Pennsylvania - Invisi-Sort
Robostallions Stuart, Florida - Chipsulation Runner-Up
Team A.I.R. Livingston, New Jersey - Artificial Intelligence Recycler (A.I.R.)
Team Storm Terre Haute, Indiana - Eco-Snappy Tips™
Termigators Greenville, South Carolina - The Wyrhmole
Those Blue Girls, Chester Springs, Pennsylvania - Diaper Wizardz Environmentally Friendly Diaper Service
Trurobotics Truro, Nova Scotia, Canada - Aerobically Decomposing Plastic (ADP) Doggy Bags
Trash and Trekreation Aspen, Colorado - The Cable Chomper

2014-2015 – FLL WORLD CLASSSM Season

Brick Ops Overland Park, Kansas - Lexi-Learn
Braille Boys & Annie Cumming, Georgia - Insta-Braille Runner-Up
The Dark Knights Bellevue, Washington - ReWrite with a SmartWrite
Electric Eagles New York, New York - SocialQ
Fast & Curious Rockville, Maryland - SMART
FLL & Beyond: 2 squared + 3 Santa Barbara, California - Raiders of the Lost Elements/ChemBattle
Guardians of the Bricks Fernley, Nevada - String EaZe
Heschel RoboHawks Northridge California - The Word Ring
LEGO Lions Austin, Texas - Haptic AppPlatform for Visually Impaired Runner-Up
Mann Master Builders Union, Kentucky - Safe Tackle Football Helmet
NDV Blue DragonBots San Francisco, California - SimuBot
NeXT Generation Tully, New York - Bridge to Communicate
Robobenders Northern Westchester, New York - What is My Face iPhone App
RoboLearners Moorestown, New Jersey - HEARcules
Robrostorms Glen Rock, New Jersey - ConnectMe Classroom App
Robot Rights Dublin, Ohio - Math Magic
Roboticons Kaysville, Utah - AllerScan
Robogators Team 2 Everett, Washington - Bridging Classic w/ New Teaching Methods
Team Storm Terre Haute, Indiana - ROY G. BIV Math System Winner

2013-2014 – NATURE’S FURYSM Season

Robotic Raiders Williamsburg, Iowa, USA – Cyclone Survivor Board Game Runner-Up
The Brain Busters Sherborn, Massachusetts, USA - Balloon-Based Notification Sign Winner
Robotec Santiago, Chile - Tsunami Evacuation System Runner-Up

2012-2013 – SENIOR SOLUTIONS™ Season

NeXT GEN Oakland, Maryland, USA - Gramma-Jamma Winner
Lucky is our Dog Columbus, Ohio, USA - The Buddy Runner-Up
Rockford Christina Royal Nahwhals Rockford, Illinois, USA - The MPA: Magnetic Plug Adaptor Runner-Up

2011-2012 – FOOD FACTORSM Season

Moderately Confused Dublin, Ohio, USA - Erasable Barcode Co-Winner
SIS Robotics Revolution Shelton, Connecticut, USA – Smart Sticker Co-Winner
BioNXT Buddies Vancouver, British Columbia, Canada - Gold-Nanoparticle-Gel Melamine Test Runner-Up
Brainy Bunch Great Falls, Virginia, USA - Brainy Smart Terahertz (THz) Detector Runner-Up
Buzzer Bots Kennewick, Washington, USA - Bee Box 5000 Runner-Up
X-Treme Team Indio, California, USA - Scanner with Infrared Laser Runner-Up

2010-2011 – BODY FORWARDSM Season

The Flying Monkeys Ames, Iowa, USA - BOB-1 Hand Device Winner
4th Motor East Troy, Wisconsin, USA - Non-Invasive Glucose Monitoring System Runner-Up
Blue Gear Ticks Lincoln, Massachusetts, USA - Unfurling Stent for Growing Children Runner-Up