



Transforming Our Culture

"We're in the business of transforming our culture. And we're doing it by altering the trajectory of kids' lives, wherever they live, whatever their background." **FIRST**[®] Founder Dean Kamen

Now in our second guarter-century, *FIRST*[®] (For Inspiration and Recognition of Science and Technology) is extremely proud to be a powerful, transformational force in how the world's young people view science and technology, and to have demonstrated a proven impact[†] on how students around the globe discover, develop a passion for, and seek education and careers in STEM (science, technology, engineering, and math) fields.

Officially, the mission of our not-for-profit public charity is to help develop today's students into tomorrow's science and technology leaders and innovators. We achieve this by harnessing their fascination with robots, immersing them in fun-filled robotics and research programs that span their school years from kindergarten through high school. Yes, they design, build, program, and compete with robots. But FIRST is so much More Than Robots[™].

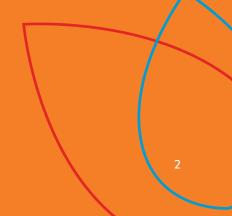
We help transform their futures by teaching team-building and mutual respect, helping them master STEM knowledge, instilling self-confidence, and developing leadership and life skills that are so essential to their success in the 21st century. We show them how to sprout wings, then watch them learn to fly, which inspires all of us who guide them.

Thanks to leaders in business, government, media, education, and entertainment – plus hundreds of thousands of tireless Volunteers from all walks of life - FIRST has grown dramatically over the last 25+ years. The number of student participants positively affected by *FIRST* is approaching 2 million worldwide, yet the transformation of generations of young people into productive, game-changing world citizens has just begun.

Will you join us as we continue to transform our world?

continue to transform the world?

Learn about the FIRST vision, reach, programs, and events at www.firstinspires.org



Impact That Transforms Outcomes

A decade of verifiable data shows that exposing kids to fun, exciting FIRST programs builds 21st century work skills and greatly increases their motivation to seek education and careers in STEM fields. Three years of data from a rigorous longitudinal study of FIRST indicates that girls in FIRST are significantly more likely to have greater gains in STEM than their peers or boys in FIRST.

	STEM Exposure	STEM Interest & Skills	Education, STEM Careers	Long-Term O
FIRST Students	 84% build the robot 88% work on robot design strategy 60% program/code 77% learn about STEM jobs 97% have FUN! 	 88% more interested in learning about STEM 88% better understand how STEM is used to solve real-world problems 98% increase teamwork skills 93% increase problem-solving skills 	 86% more interested in doing well in school 84% motivated to take challenging math or science classes (<i>FIRST</i> Robotics Competition, <i>FIRST</i> Tech Challenge) 94% embrace the importance of <i>Coopertition</i>®, <i>Gracious Professionalism</i>® 80% more interested in jobs that use STEM 	FIRST Alumni are: College Majors: 3X as likely to major in engineerin 4X as likely for women in FIRST to Career Expectations: Nearly 4X as likely to pursue a ca Opportunities: 10X as likely to have an apprentic co-op job in their freshman year of
Girls in FIRST		 85% more interested in learning about STEM 92% better understand how STEM is used to solve real-world problems 98% increase problem-solving skills 	 83% motivated to take challenging math or scient 98% embrace the importance of Coopertition[®], G 82% more interested in jobs that use STEM (FIRST ROM 	racious Professionalism®
	Liver at erial			
	Ulti	imate Impact	75% + of FIRST Alumn (student or pro	i are in a STEM field ofessional)

Sources: 1. FIRST Longitudinal Study, 2015 2. Brandeis University: Cross-Program Evaluation of FIRST Tech Challenge and FIRST Robotics Competition (2011); 3. Evaluation of the 2012-13 FIRST LEGO League Program (2013); 4. More than Robots: Evaluation of FIRST Robotics Competition Participant and Institutional Impacts (2005); 5. FIRST, 2015 Survey of FIRST Robotics Competition and FIRST Tech Challenge Alumni

*Than a matched comparison group

Long-Term Outcomes

FIRST Alumni are: **College Majors: 3X** as likely to major in engineering and

4X as likely for women in *FIRST* to major in engineering* **Career Expectations:**

Nearly 4X as likely to pursue a career in engineering*

Opportunities: 10X as likely to have an apprenticeship, internship, or co-op job in their freshman year of college*

ce classes (FIRST Robotics Competition, FIRST Tech Challenge) racious Professionalism[®] otics Competition, FIRST Tech Challenge)



Inspired to learn more? www.firstinspires.org/about/impact

Young Innovators Transforming the World

Across our Progression of Programs, team members are change makers, problem solvers, divergent thinkers, and inventors. By providing skill-building opportunities for innovation literacy and offering forums that let young visionaries take center stage, FIRST is helping create the next generation of global innovators.



"For me, innovation also means making technology accessible to all, not just a privileged few." - Maya Varma, FIRST Future Innovator Award winner

Biobal Innovation Award Presented by XPRIZE WINNER THE INCREDIBOTS

Transforming Trash

In its sixth year, 27 countries participated in the 2016 *FIRST*[®] LEGO[®] League Global Innovation Award presented by XPRIZE[®], an award that celebrated the inventions *FIRST* LEGO League teams created during the TRASH TREKSM season. The prize gives teams a way to build critical skills around innovative thinking. "The Incredibots" from Gahanna, Ohio, took the prize with their Styro-Filter, a device that successfully converts Styrofoam waste into activated carbon, which is used in water filters to reduce contaminants. The team plans to use their \$20,000 prize money to file a full utility patent, conduct more tests, and run a bench scale trial.

Almost everyone who gets involved with FIRST agrees on one thing: FIRST is a transformative experience like no other.

Thanks to the generous time and resources of hundreds of thousands of forwardlooking adults, millions of young people around the globe are exposed to science and technology. Through *FIRST*, these students acquire personal and professional skills, and gain self-confidence that will put them on a trajectory toward becoming successful 21st-century adults. *FIRST* provides a nurturing, inclusive community in which young people of all backgrounds can explore their hidden talents. Each is transformed in some positive way, ready to further their science and technology education and become tomorrow's leaders and problem solvers. It's what we do.

Simultaneously, the adults who guide and provide for these students' experiences find themselves just as transformed. Mentors rediscover their own love of learning through their teams' discoveries. Volunteers find new purpose for their lives. Sponsors discover a future pipeline for skilled, innovative workers. All are inspired by the transformational engine that is *FIRST*.

On page 7, you can review some of the remarkable facts and figures that make up today's *FIRST*, a far cry from our humble beginnings in 1989. We are now recognized as a bona fide agent of transformation in our culture, altering attitudes about what should be revered in our society and opening new — and often unexpected — educational and career pathways to so many kids. Read about the tremendous impact our program has already achieved at *www.firstinspires.org/about/impact*.

If our story of success and transformation inspires you, as it has so many others over the past quarter-century, then we put forth this challenge: Join us in some way, no matter how small. With the vast majority of students around the world still not having access to *FIRST* programs, and with a special need to reach underrepresented and underserved communities, there is much to do.

Commit your company's resources and people. Sponsor one or more teams. Become a Mentor. Fundraise. Donate. Or simply volunteer in your community. Our kids deserve everything you can give.

To those who already give — our Strategic Partners, Founding Sponsors, Sponsors, Mentors, Volunteers, participating School and Program Administrators, Parents, and Teachers — our heartfelt thanks. Your continuing generosity of time and resources is what makes *FIRST* a stand-out.

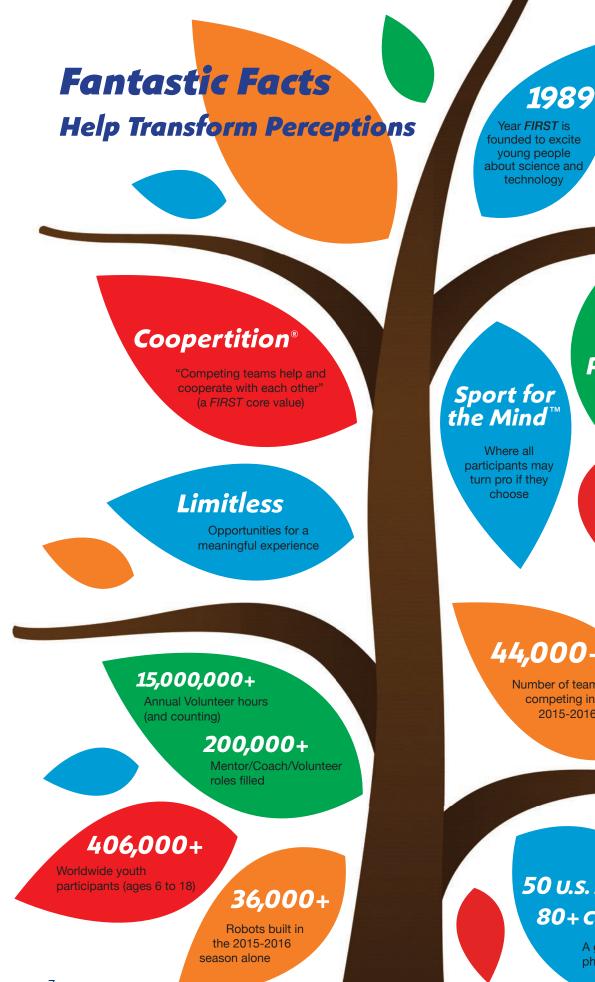
The opportunities offered by *FIRST* programs belong in *every school* and *every community, everywhere*. We need to reach the young people who dream, those who need a shot of self-confidence, the tinkerers and doers, those looking to discover who they are and what they can do, and the ones who just want a chance to belong. Working together, we will make that transformation happen.

Are you in?

Transforming Diagnosis

The *FIRST* Future Innovator Award sponsored by the Abbott Fund celebrates *FIRST* Tech Challenge and *FIRST* Robotics Competition students who successfully design a unique solution pertaining to one of three chosen National Academy of Engineering Grand Challenges.* Winner Maya Varma from Cupertino, California, designed a smartphone-based app for the diagnosis and management of pulmonary illness that uses low-cost electronics and 3-D printed parts to create a hospital-grade spirometer to help diagnose the five most common types of lung disease.





Gracious **Professionalism**⁶ "Respect for others, being a good sport, sharing what you've learned" (another FIRST core value) 44,000+ Number of teams competing in the inaugural 1992 2015-2016 season \$25 million+ Scholarship funds available 50 U.S. States **80+***Countries* A growing global phenomenon

13%

umber of FIRS7

teams over

When I joined the FIRST family over three years ago, I went through an unexpected transformation.

I quickly recognized how powerful our organization is in changing the lives of all involved, and it made me want to commit more of my time, energy, and ideas to this purpose than any venture I had ever been connected to in the business world. Watching *FIRST* work its magic, up close, inspires me on a daily basis.

Changing opportunities. I'm inspired as I watch our programs bring transformation to not only economically strong communities, but those that are challenged and disadvantaged. I'm proud that our organization has targeted these areas and has also empowered young women by providing a non-judgmental environment in which to discover and pursue their potential.

Changing skill sets. I'm inspired as I see our kids learning in-demand, 21st century workforce skills that go beyond hands-on mechanical and electrical skills and coding — team building, creative problem solving, collaboration, business acumen, public speaking, and more. Beyond good citizens, we are developing skilled, innovative, *immediately employable* young people.

Changing outcomes. I'm inspired by countless first-hand reports that tell me how *FIRST* has changed the lives of so many, kids and adults alike. Kids discover a world in which they can follow a passion without ridicule or rejection. Adults find a calling for their time and talents. Parents see an educational path for their children through scholarships. And all are enriched in the process.

Changing milestones. Because of all of this, *FIRST* is transforming as well, driven by our goal to reach more — and more diverse — young people. For example, significant investment in our Diversity & Inclusion Program and expansion to a dual *FIRST* Championship structure will provide thousands more students an opportunity to participate in this life-changing experience.

What is *not* changing is that everything we do will be guided by our goal of impacting more kids in ways that maintain both the world-class quality and core values on which the *FIRST* organization is built.

To you who have given enormous amounts of time, donated money and resources, provided grants, sponsored teams, supported us in countless ways, and tirelessly spread the word, we owe our heartfelt gratitude. *FIRST* works because of *you*. I encourage you all to press on with renewed energy until we can say that all children everywhere have the opportunity to transform through the power of *FIRST*.

How does FIRST inspire you?

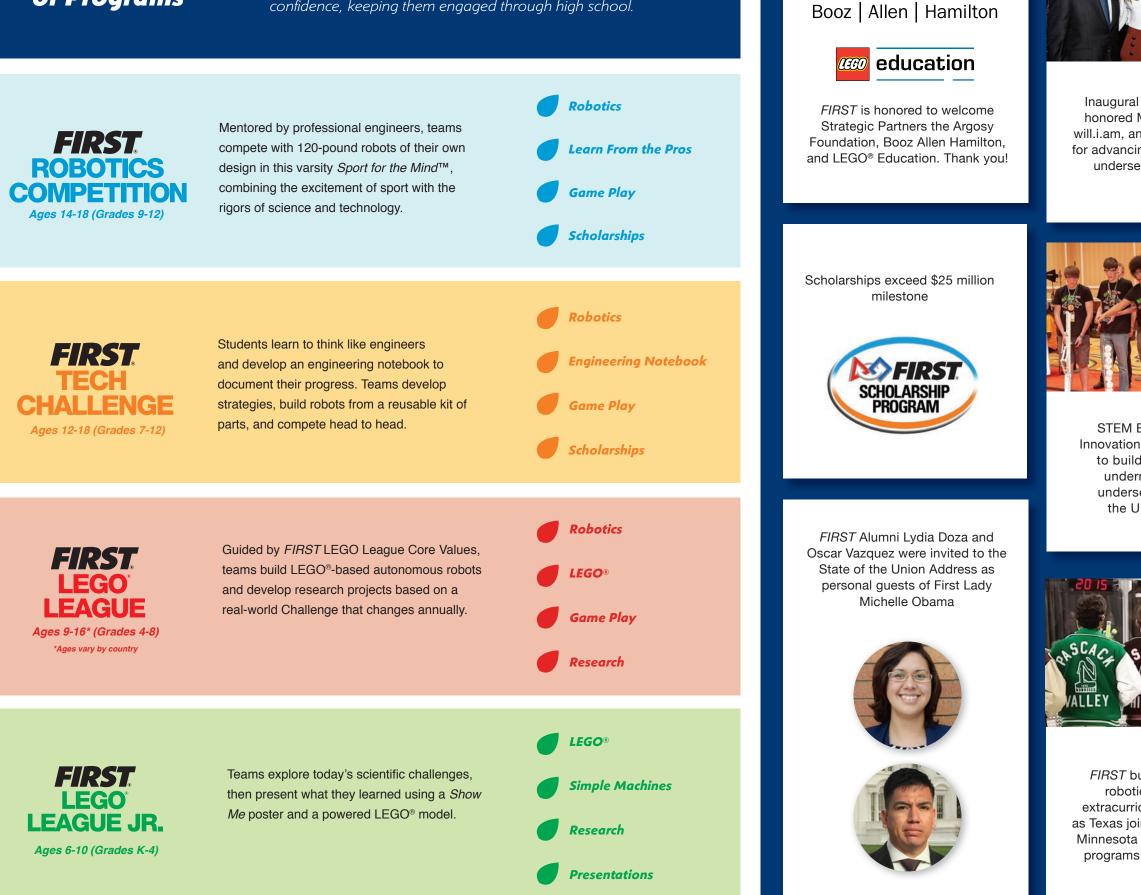


Donald E. Bossi President

President's Letter

Progression of Programs

A progression of four programs for ages 6 to 18; gets young people involved early, developing skills and building confidence, keeping them engaged through high school.





ARGOSY FOUNDATION

> Inaugural *FIRST*, Inspire Gala honored Michael Bloomberg, will.i.am, and Diana Lee Guzman for advancing STEM education in underserved communities



STEM Equity Community Innovation Grant was launched to build STEM literacy in underrepresented and underserved students in the U.S. and Canada



FIRST built momentum for robotics as an official extracurricular sports activity as Texas joined Connecticut and Minnesota to sanction robotics programs as an official sport

2016 Season Highlights

New Strategic Alliances: Alpha Omega Epsilon, the ECIA Foundation, and Sigma Phi Delta







Helping to Transform **Underserved Communities**



\$1.7 million raised to expand diversity efforts and student access to STEM opportunities



Inaugural FIRST, Inspire Gala

To help further expand diversity efforts and STEM opportunities to students in underserved communities, over 500 FIRST supporters gathered at 583 Park Avenue in New York for the inaugural FIRST, Inspire Gala.

The event featured prominent speakers such as Bill Ackman, founder & CEO of Pershing Square Capital Management, L.P.; Michael R. Bloomberg; will.i.am; Dean Kamen, founder of FIRST; Don Bossi, president of *FIRST*; and many *FIRST* students, recognizing the impact that the organization has made in STEM education over the past 26 years.

One of Chevrolet's first 2016 Volt electric cars was a featured item of an online auction. Other items included a clock handcrafted by Dean Kamen; dinner with Kamen and a personal tour of his home, WestWind; a private tour of The Future, will.i.am's private creative complex in Hollywood; lunch in New York City with iconic awardwinning American filmmaker and musician, Andrew Jarecki; and an off-hours tour of The Metropolitan Museum of Art.

"Engineers coming out of communities like mine (Boyle Heights, Calif.), that's the America we need. We need to help make FIRST mandatory in every school."

vill.i.am



Three honorees were presented with individual awards for their efforts to advance STEM education in underserved communities in New York City and Los Angeles:

Michael R. Bloomberg, Founder of Bloomberg LP, Philanthropist, and Three-Term Mayor of New York City, earned the John C. Whitehead Leadership Award in honor of the New York City luminary who recognized the need for hands-on activities that inspire youth with the power of STEM.

will.i.am, Global Music Artist, Entrepreneur, and Philanthropist, earned the Community Inspiration Award for inspiring students to pursue STEM and help build stronger communities.

Diana Lee Guzman, FIRST Alumna and NYU Tandon School of Engineering Student, earned The Evelyn Kamen Rising Star Award, named after the official Grandmother of FIRST, who served much of her life as a teacher in the New York state school system leading students toward exciting futures.

"FIRST is humbled and honored to receive such generous support from organizations that share our commitment to inspiring young people in STEM. There are so many students who don't have access to programs like FIRST that challenge and engage them in a dynamic, fun way through hands-on learning. With expanded support, FIRST can reach more kids in underserved communities, especially urban settings, and help them start teams in their schools."

FIRST President, Donald E. Bossi

"By providing young people with opportunities to explore new worlds, FIRST is making a big difference in their lives and in our future. Bloomberg is proud to support organizations like FIRST that are encouraging the next generation of talented scientists and engineers and preparing them to take on some of the toughest challenges we will face, from improving public health to fighting climate change."

Michael R. Bloomberg



A Career Path Transformed

eem

Lauren Lyons, FIRST Alumna

Lauren Lyons credits FIRST Mentors for her transformation from shy young girl to confident, successful SpaceX engineer helping the company to launch re-usable rockets and send humans to space. They helped her understand what real engineers do and that engineering tasks could be fun — machining parts, wiring circuit boards, designing pneumatic actuators. She got hooked.

Being a FIRST Alum at Princeton gave Lauren the confidence to successfully tackle challenging course work. While mentoring a local FIRST team, she was befriended by long-term FIRST Volunteer Dave Lavery from NASA, who helped her win a NASA internship working on the Mars rovers. It was the beginning of an exciting career and a long-term mentoring friendship.

"It's not only those Mentors that I hold dear, it's the FIRST lessons of Coopertition[®] and Gracious Professionalism[®]," said Lyons.

"FIRST changed the way I viewed the meaning of success."

Learn more at www.firstinspires.org/showcase-lyons-bargas

"Students need to understand that their future does not have to look like their present."

Dr. Tim Hadfield, Camdenton (MO) R-III School District Superintendent

A Rural School District Transformation

Tim Hadfield's rural school district sought to prepare its students, many of whom had never traveled out of their community (where the biggest employer was Walmart), for jobs of the future. They struggled to find ways to introduce students to STEM fields and to teach their kids the essential life skills employers seek. Then they discovered FIRST.

Because FIRST offered fun, STEM-based activities while teaching both hard and soft skills, they formed an initial FIRST Robotics Competition team - LASER 3284. Today, Camdenton offers the FIRST Progression of Programs for K-12, with one of every 14 district students involved at some level. Their success rate speaks for itself. Ninety-two percent of their original team's FIRST Alumni have sought a STEM education or career.

Tim urges other educators to discover *FIRST*. "My advice to other superintendents is, don't wait."

Learn more at www.firstinspires.org/camdenton-case-study



Transformation in the Outback



FIRST Robotics Competition Team 3132 "Thunder Down Under"

In 2015, FIRST Australia visited Ivanhoe, an Australian Outback community of only 150 where just one student in two decades had attended university. Their mission was to pilot Robots in the Outback (RITO), a partnership with Google Australia. Mentors from Sydney-based FIRST Robotics Competition Team 3132 "Thunder Down Under" worked with all 32 kids in Ivanhoe's K-12 school to start FIRST LEGO League Jr., FIRST LEGO League, and FIRST Robotics Competition teams. Now, many team members are considering higher education.

In many underserved Outback communities, the RITO initiative has had amazing success. Supported by a Google Australia grant, RITO started 75 FIRST LEGO League and 11 FIRST Robotics Competition teams in the 2015-2016 season. High school teams received two-day visits from experienced FIRST Mentors from Team 3132 and the United States. A rookie team from Ulladulla gualified for the 2016 FIRST Championship, and their community guickly raised overseas travel costs. After one season, Ulladulla's graduates all pursued STEM education or jobs, and the FIRST presence grew. "Robotics and coding is now the norm in the community," said Ulladulla Mentor Matt Macdonell.

Read the full story at www.firstinspires.org/robots-in-the-outback

"The growth and confidence students gained in six months is unbelievable."

Matt Macdonell, Mentor, Team 6035 "House of Ulladulla"



Grades K-4 (ages 6 to 10)

The Challenge

From reducing to reusing to recycling and beyond, students looked at trash in a whole new way, then built LEGO® models using LEGO® Education WeDo technology, and created Show Me posters to represent what they learned



Accomplishments

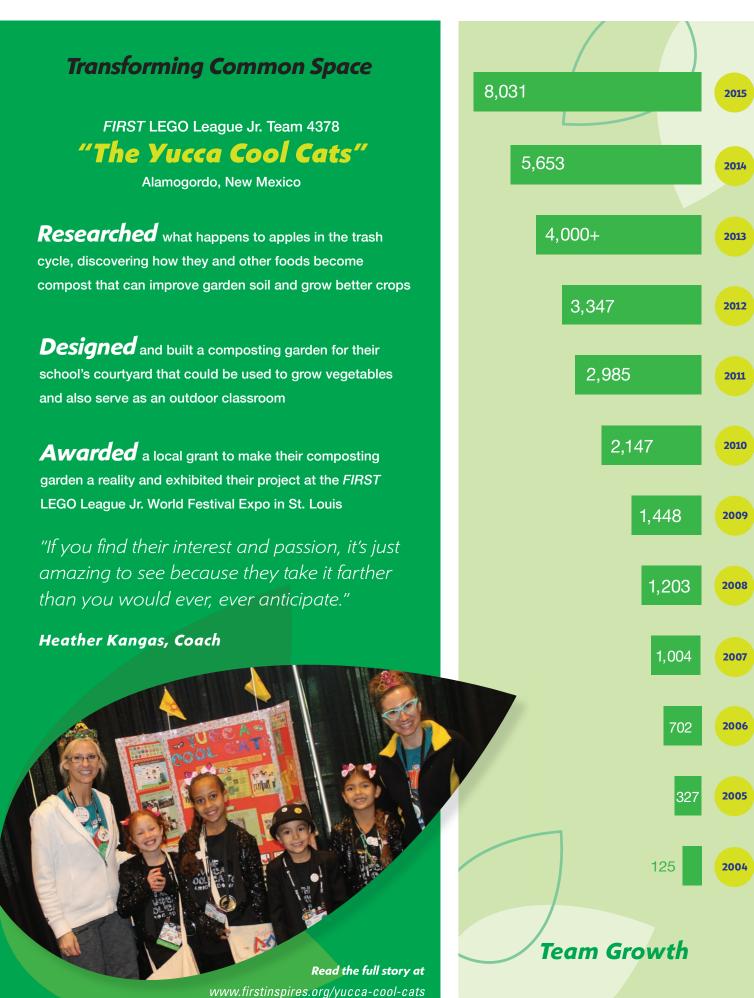
Approximately 48,000 6-10 year-olds participated on 8,031 teams in 29 countries, celebrating curiosity, imagination, discovery, and teamwork

Expos

Over 300 regional Expos; FIRST LEGO League Jr. World Festival Expo in St. Louis

Noteworthy

Collaboration with the SEA Research Foundation to increase STEM education in youth-serving organizations resulted in a highly successful pilot of the Season Pass program, with over 100 10-team sites participating, and the development of new program materials





Grades 4-8 (ages 9 to 16*)

The Challenge

Teams researched and shared their innovative solutions to address a real-world trash problem, and used a team-designed autonomous robot, programmed with LEGO® MINDSTORMS® technology, to complete "missions" representing how we make and handle trash



Accomplishments

Approximately 232,000 9-16 year-olds* on 29,034 teams from 80 countries participated in this season's Challenge *Ages vary by country

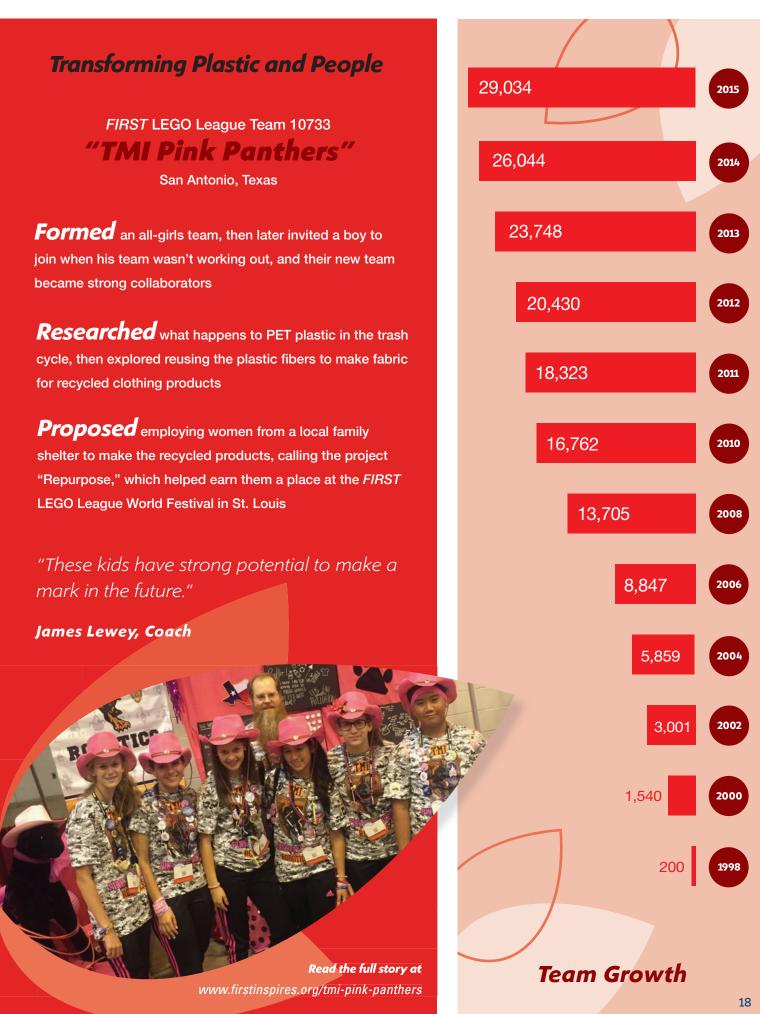
Competitions

1,248 Qualifying Tournaments; 153 Championship Tournaments; 5 Open Championships; FIRST LEGO League World Festival in St. Louis

Noteworthy

An option was introduced to allow teams to familiarize themselves with the elements of the program without the pressures of competing in a formal event. Also: The Incredibots were awarded the Champion's Award at World Festival and the Scientific American Innovators Award at the Google Science Fair, while member Ashton Cofer presented a TED-Ed Weekend talk in 2016

became strong collaborators





Grades 7-12 (ages 12 to 18)

The Challenge

Teams designed, programmed, and operated robots to simulate rescue situations faced by mountain explorers, such as "resetting" rescue beacons, delivering rescue climbers to a shelter, and parking on a mountain



Accomplishments

Approximately 47,000 participants (ages 12-18, grades 7-12) on 4,711 teams from 25 countries; eligible for over \$20 million in college scholarships

Competitions

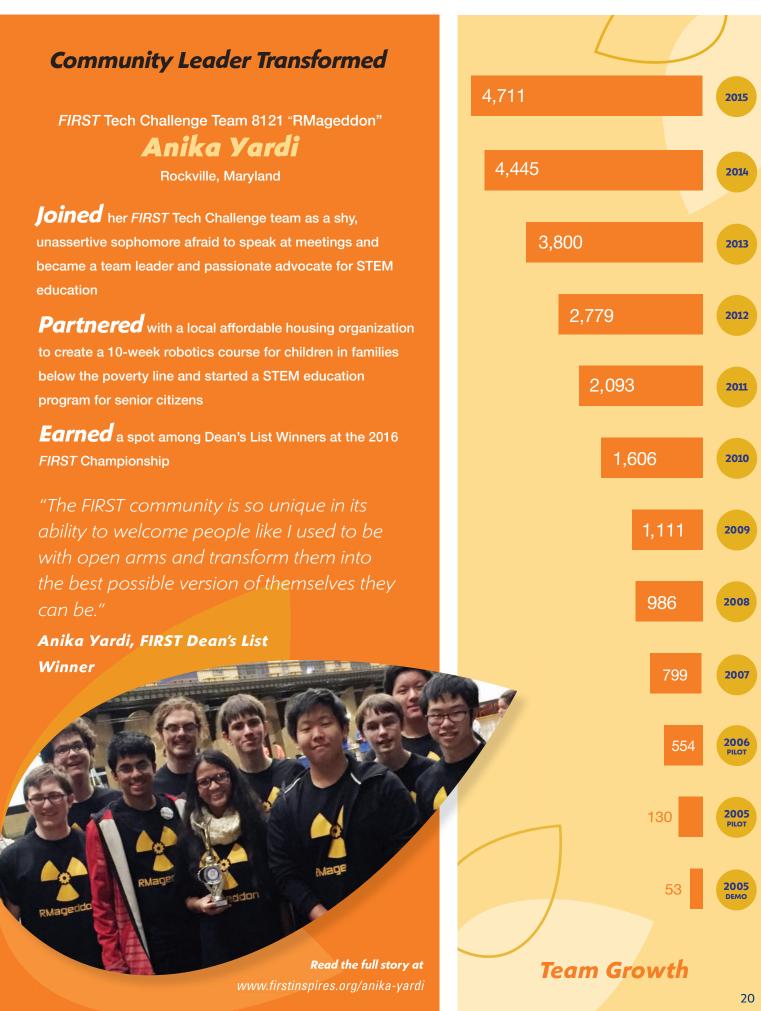
529 Meets, League Championships, and Qualifying Tournaments; 66 Championship Tournaments; 4 Super-Regional Championship Tournaments; FIRST Tech Challenge World Championship in St. Louis

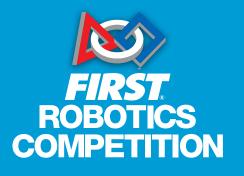
Noteworthy

419 FIRST Tech Challenge team members were nominated for the prestigious Dean's List Award, which recognizes leadership skills, long-term commitment to FIRST awareness of FIRST within their schools and communities. Also: Team 7013 "Hot

Anika Yardi

education





Grades 9-12 (ages 14 to 18)

The Challenge

Competing Alliances guided team-designed robots to breach opponents' defenses, score boulders through goals, and surround and scale the opposing tower to capture it



Accomplishments

78,500 high school students on 3,140 teams from 24 countries; eligible for over \$25 million in college scholarships

Competitions

65 District Events; 8 State/ **District Championships:** 53 Regional Events; FIRST **Robotics Competition** Championship in St. Louis

Noteworthy

FIRST STRONGHOLDSM successfully introduced an artistic and themed flair to the game, providing an even greater opportunity for more participating students to show their creative talents. Also: Team 987 "HIGHROLLERS" of Las Vegas, NV, was the Chairman's Award Winner

Self Transformation

FIRST Alumnus Kenny Bargas East San Jose, California

Overcame gang influence and a challenging background to become a *FIRST* Robotics Competition team leader, UC Berkeley grad, and high school English teacher

Played a vital role in helping his team overcome challenges, work hard, and find solutions themselves

Returned to his childhood neighborhood to teach children from low-income families and introduce them to all the opportunities *FIRST* offers

"It still astounds me the person who I have become. Before joining robotics, the only reflection I saw from others was a dead end to prison. Fortunately, teachers and organizations like FIRST and NASA looked beyond my police record. Now, as an educator, I continue in their vision of trying to transform our society into something better."

Kenny Bargas, FIRST Alumnus









- Member of the FIRST Board of Directors
- ▲ Member of the *FIRST* Executive Advisory Board
- FIRST Honorary Director
- * FIRST Senior Advisor
- Matching Gift

2015-2016 FIRST Contributors

Corporations and Corporate Foundations

\$1.000.000+

Anonymous **Bechtel Group Foundation** The Boeing Company **DEKA Research & Development Corporation** Google, Inc. National Aeronautics and Space Administration (NASA) Qualcomm® Incorporated **Bockwell Collins** Inc. United Technologies Corporation (UTC)

\$250.000 - \$999.999

3M Company **BAE Systems** Bloomberg L.P. Booz Allen Hamilton, Inc. Boston Scientific Corporation Caterpillar, Inc. Corporation for National and Community Service (CNCS) DoD STEM The Dow Chemical Company General Electric Company (GE) **General Motors Corporation** John Deere Leidos, Inc. Monsanto Company Motorola Solutions Foundation NRG Energy, Inc. PTC. Inc. **Bockwell Automation Inc.**

Up to \$249,999

100 Black Men of Atlanta Inc. 3D Systems AAON, Inc. **AB** Foundation Fund ABB Inc Abbott Fund Abbott Laboratories ABNA of Illinois, Inc. Accenture Accumetra, LLC Accurate Gear Adrian Community Chest Advanced Technology Services Inc. Advanced Thin Films, Inc. Advantage Business Media Airtech 25 Alcoa, Inc.

Allegheny Technologies Allendale Foundation for Education Excellence Inc Allied Automation AmazonSmile Foundation American Museum of Science and Energy Foundation American Program Bureau American Society of Mechanical Engineers (ASME) Amgen Foundation Analog Devices, Inc. Applied Materials Applied Medical Arkinson, Andelson, Loya, Ruud & Romo Arrowhead Concrete Works, Inc. ASCO Aerospace, USA ASML ASRC Fed & Defense ATK Autodesk, Inc Automatic Data Processing, Inc. AutomationDirect com Avnet United Way **Baldor Electric Company** Ballston Spa Partnership for Innovation in Education Fund of the Community Foundation for the Greater Capital Region Bally Gaming Inc. BancFirst Bank of America Charitable Foundation, Inc. Barr Engineering Barrows Training & Education Physical Therapy Battelle* Baxter International Inc BDI Beach Wire and Cable Norwin S. & Elizabeth N. Bean Foundation Beckman Coulter Foundation Best Buy Children's Foundation Best Buy Co., Inc. B-K Lighting Bloomberg L.P. Bloomingdale's Blue River Analytics BMO Harris Bank N.A. **BNY Mellon** Boca Bearing Company **Bosch Community Foundation** BP Corporation North America, Inc. Brace Integrated Services **Branford Education Foundation Bright Funds Foundation** Bright House Networks Broadridge Foundation Bronxville Parent Teacher Association

Brown & Company

Burns & McDonnell Foundation

Alexander & Associates

Alienware and Killer Networking

CACI, Inc. California Space Grant Foundation Canal Park Business Association (CPBA) Capgemini Caterpillar Foundation Cedar Falls Scheels Cedar Falls Tourism Bureau Center for Energy Workforce Development (CEWD) CenterPoint Energy Cherokee Nation Chesapeake Technology The Chickasaw Nation CIGNA Foundation * Cincinnati Visitor and Convention Bureau Cirrus Aircraft Cisco Foundation * Cisco Systems, Inc Citrix Systems **Cleveland Indians Cliffs Natural Resources** Coastal Counseling Associates The Coca-Cola Company **Cognizant Technology Solutions** Cogswell Benevolent Trust Jerry Cohen Foundation College of the Canvons **Colorado Neurodiagnostics Comcast Foundation** Comcast NBCUniversal **Community Foundation of Greater** Chattanooga, Inc **Community Foundation of West Chester** Liberty Community Health Charities of North Carolina Community Robotics Learning Foundation Competitive Electric Sports LLC Computer System Designers (CSD) Cone Communications **Connecticut Business & Industry** Association **Consolidated Communications Inc** Consolidated Edison Company of New York, Inc. Cooler Master **Corning Incorporated** Cox Communications **CPS** Energy **Credit Suisse Americas Foundation CSC** Charitable Foundation **Custom Courier Solutions** Customer Love Team - Build-A-Sign D&K Engineering DaDaLeLe Company Dan Deery Toyota The Danish Management Society **DC Public Schools** Deep Space Systems Inc. **DEKA** Foundation Dell Giving* Dell Inc

Delphi Corporation Demand Electric Inc. Denso International America, Inc. Devon Energy Corporation Dice Discover the Palm Beaches Disney Worldwide Services, Inc. DISTek **DIS-TRAN Packaged Substations, LLC** Doefer Companies Dominion Nuclear Connecticut, Inc. DonorsChoose.org Duke Energy Dunlap Codding P.C. Dunwoody College of Technology Eastman Chemical Company Eaton Computer Services Eaton Corporation Ecolab Foundation Edgewater Resort & Waterpark Edith Grobe Foundation Educational Resource Center, Inc. Edward Jones Foundation Electric Sales Associates, Inc Element Product Design Studio Elliesox Endurance Services Limited Ernst & Young Eruditium LLC Ethicon, LLC Evans Industries, Inc. Express Employment Professionals ExxonMobil Corporation ExxonMobil Foundation * FCA Foundation FedEx Corporation Fidelity Investments Fikret Yuksel Foundation First American Financial Corporation First American Title Insurance Co. First Tech Federal Credit Unior Flatirons Fund of the New Hampshire Charitable Foundation Flexware Innovation Inc. FLIR Systems, Inc. Florida Atlantic University Florida High Tech Corridor - USF Florida Power & Light Company Flowserve Ford Motor Company Fraydun Foundation Fulcrum IT Services LLC Fundacion TV Azteca Fusion Jeunesse/Youth Fusion Gadgetoff Garner Holt Productions, Inc GE Healthcare GE Intelligent Platforms, Inc. GE Oil & Gas GE United Way Campaign Geller & Company

In 2016, as part of the FIRST Scholarship Program, nearly 200 FIRST Scholarship Providers made available over \$25 million in scholarship opportunities to FIRST Robotics Competition and FIRST Tech Challenge participants and Alumni. S FIRST.

The majority of FIRST scholarships are made available by specific colleges or universities for enrollment at their campuses; others are made available by corporations, associations, or foundations for use at a selection of schools. The 2016 FIRST Scholarships are listed on page 34.

To learn more about the FIRST Scholarship Program, or to make FIRST Scholarships available from your institution, please visit: www.firstinspires.ora/scholarships

Gene Haas Foundation General Electric Energy (Power & Water) General Electric Transportation General Motors Foundation * Genesis Attachments Genesis Systems Gentherm Genworth Financial, Inc. George's Delicatessen, Inc. GitHub Inc. Glad to Be Here Foundation The Gleason Works GlobalFoundries Goldman Sachs Group, Inc Goldman, Sachs & Company Matching Gift Program Goodwill Industries Google.org - Mayes County The Graco Foundation Grandma's Adventure Zone Granite Bench Charitable Foundation Great-West Life & Annuity Insurance Company Greenspan Foundation Greenwich Academy H. Campbell & Associates Harris Corporation Harris Corporation, RF Communications Division Hartel's/DBJ Disposal Hartford Steam Boiler The Leona M. and Harry B. Helmsley Charitable Trust The Help Group Henny Penny Corporation Herman Miller Cares Highwater Ethanol, LLC Hillsborough Community College Foundation, Inc Honda of America Mfg., Inc. Honeywell Aerospace Honeywell Hometown Solutions

SCHOLARSHIP PROGRAM

Honolulu Community Action Program, Inc. i2R Robotics i.am.angel foundation **IBM** Corporation IBM Corporation Employees* Ignite Your World IM Flash Technologies Inasmuch Foundation Infusion Ingersoll Rand Inn on Lake Superior Institute of Electrical and Electronics Engineers, Inc. (IEEE) Intel Foundation Volunteer Grant Programs Irby Utilities Irving Convention & Visitors Bureau **ITESM Campus Leon** Jacobs Technology, Inc. The Jamar Company Jewish Community Foundation of Greater MetroWest NJ John Deere John Hancock Financial Services, Inc., Matching Gift Program Johnson & Johnson Family of Companies Contributions Fund of the Community Foundation of New Jersev Johnson Controls, Inc. Joy Global Inc. JPMorgan Chase Bank N.A. Kaiser Permanentes Kansas City Power and Light (KCP&L) Kimberly-Clark Corporation Kinetic Vision Kirkpatrick Foundation, Inc. KI A-Tencor Kraus-Anderson Construction Co. Kronos Incorporated Ladish Co. Foundation Lakeshore Arts Alliance, Inc. Lam Research Foundation Fund at the East **Bay Community Foundation**

Larry H. Miller Group LEGO A/S LEM USA Inc. LexisNexis LINN Energy, LLC Lockheed Martin Corporation Los Alamos National Labs Louisiana Children's Discovery Center M+W US. Inc. MacLean Power Systems Macy's/Bloomingdale's Madera Unified School District Manchester Tank & Equipment Co. The Manitowoc Company Foundation Marmon Utility (Hendrix) Martin Engineering MasterCard Employee Engagement Fund MathWorks, Inc. Matter Communications in honor of Kepware Customer Reference Program Participants Mattlin Foundation Mattson Technology MC2 McDonald's Corporation McElroy Foundation McGraw-Hill McKesson Cornoration Medtronic, Inc. The Medtronic Foundation The Merck Foundation Metalurgica Met Mex Penoles, S.A. de C.V. Microchip Technology, Inc. Microsoft Corporation Microsoft Corporation * Microsoft Silicon Valley MidAmerican Energy Midland Center for the Arts Miner's/Super One Minnesota Power Foundation Mitsubishi Hitachi Power Systems Americas Inc

Monsanto Company Morgan Stanley & Co., Incorporated Mountain Education Foundation, Inc. Mouser Electronics, Inc. MPW Industrial Services MSP Communications Mutual of America NASA Kennedy Space Center National Center for the Advancment of STEM Education (nCase) National Grid National Society of Black Engineers Navistar NCR Foundation Neighbors Empowering Youth New York University Polytechnic School of Engineering (NYU Poly) NextEra Energy Nfrastructure NH Charitable Foundation Nidec Motor Corporation The Nordam Group Nordson Cornoration North Shore Bank of Commerce Northern Door & Hardware Inc Northern Tier Energy Northland Foundation Northrop Grumman Corporation Northwest Maritime Center Norwolf Tool Works Inc. Novelis Inc Nuclear Fuel Services, Inc. Nussey Foundation **NVIDIA** Corporation NY Charities Nypro Inc. Oak Ridge National Laboratory OGE Energy Corporation Foundation, Inc. **Ogle Family Practice** Ohio Space Grant Consortium

OK Business Roundtable Oklahoma Aeronautics Commission Oklahoma Center for the Advancement of Science & Technology Oklahoma State Department of Education Oklahoma State University Oklahoma State University College of Engineering Optum Services Inc. **Oracle Foundation** Orange & Rockland Orbital ATK, Inc. **Orbital Energy Services** Oregon Community Foundation P&G Global Engineering Pape Truck Leasing Parker Hannifin Corporation Partners for Community Inc. Pascor Atlantic Corporation Pavcom Pavroll, LLC PDF Solutions, Inc. Pentair Foundation People for Leisure and Youth, Inc. (PLAY) Pershing Square Capital Management L.P. PGE Foundation * Pheasant Hill Foundation **Picatinny Arsenal** Pitney Bowes Planet Vulcan – FIRST Tech Challenge Team 9928 The Plexus Corporation Charitable Foundation, Inc The Polaris Foundation Police Athletic League, Inc. Portland General Electric Power & Water Solutions Inc. Power/mation Pratt & Whitney Precision Mold & Tool, Inc Preformed Line Products Company Prent Corporation Presbyterian Health Foundation Production Glue Progea USA, LLC Public Service Enterprise Group Publix Super Markets Charities Purdue University Student Organizations Pureworks Pwc US The Quaker Chemical Foundation Qualcomm Incorporated Matching Gift Program* Quality Sheet Metal & Welding Inc. Rackspace Hosting Rand Worldwide, Inc. **Raydon Corporation Raytheon Company** Reed Technology and Information Services Inc. **Regal Beloit Charitable Foundation REM Holdings Renesas Electronics America** Republic Bank

Resolution Copper Mining Ricardo, Inc Ricardo PLC Robotics Institute of Maine Rochester General Hospital Rochester Institute of Technology The Roddenberry Foundation Royalty Pharma St. Jude Medical Foundation St. Louis Community College St. Louis Community College Foundation St. Louis Convention & Visitors Commission St. Louis Regional Chamber St. Luke's Salesforce Foundation * Salesforce.org The SAMPE Foundation SanDisk 🍫 Satcom Direct, Inc. Saturn Systems Inc. Schneider Electric School Outfitters Schumaker Elevator Science Applications International Corporation (SAIC) SCREEN Semiconductor Solutions Seagate Technology, LLC Segway Shaw Farm Dairy, Inc. Shea Concrete Products Shermco Industries Show Ready Events LLC **Siemens Corporation** Sil-Pro, LLC Snantron Inc SoCalGas Society of Women Engineers (SWE) Software Engineering Professionals, Inc. Solar Turbines Incorporated Solidyn Solutions Sonny's Enterprises Sony Corporation Soros* The Soter Group LLC Southeastern Construction & Maintenance Inc Southern California Combined Federal Campaign Southern California Edison Southwire Company SpaceX The Spear Group, Inc. Spirit of St. Louis Air Show SPX Transformer Solutions SBA International Corporation Standlev Stanley Black & Decker, Inc. State Street Bank Mary R. Stauffer Foundation Stay in Duluth STEM Action Center Sugarman Productions, Inc.

Sunny Days Charitable Foundation SUNY Polytechnic Institute Foundation, Inc. SurfMerchants Symantec* Tampa Armature Works, Inc. Tanury Industries Target TE Connectivity **TE Connectivity Foundation** TechWorks Campus Tennant Company Teradata Corporation Tesoro Corporation **Tesoro Foundation** Texas Instruments Incorporated Textron Charitable Trust Thompson Coburn LLP Thrivent Financial Thrivent Financial for Lutherans Foundation * Tiffany and Company Time Warner Cable Tormach **TOSA** Foundation TR Electronic Tradebot Systems, Inc. Transl Inion Tree Street Managment Tudor Investment Corp. Turck Works Turner Construction Company Turtle & Hughes Two Sigma Investments LP UBS Union Station Hotel and Hilton Ballpark United Building Maintenance United Health Group United HealthCare Services, Inc. United Launch Alliance (ULA) United Way of Central and Northeastern Connecticut University of Iowa University of Minnesota College of Science & Engineering University of North Carolina at Asheville University of Tennessee Knoxville University of Tulsa U.S. Air Force US Army U.S. Army ROTC U.S. Bank Foundation U.S. Embassy, Mexico City Utah Governor's Office of Economic Development Utah Stadium Owner LLC Vanguard Instruments Co., Inc. Vantage Partners LLC Verizon Foundation ViaSat, Inc. Victron Energy B.V. Viking Pump, Inc.

Virginia Polytechnic Institute and State University (Virginia Tech) Visit Duluth Visit Lubbock Volvo Group North America VPI Engineering Vulcan Spring & Mfg. Co. Walker Contracting Group Walt Disney Company Walt Disney Imagineering Watts Water Technologies Waukesha County Technical College West Bend Community Memorial Library Western Digital Corporation The Williams Companies, Inc. Williams Industrial Services Group Willkie Farr & Gallagher, LLP Wilton Library Association, Inc. Wishes In Stitches Embroidery Wolseley Industrial Group Women in Cable Telecommunications (WICT) Wonik IPS USA Xcel Energy Xerox Corporation Xilinx XPRIZE® YKK AP America, Inc. YKK Corporation of America YMCA of Broward County John Steele Zink Foundation ZogSports New Jersey

Individual and Family Foundation Donors

\$1.000.000+ **Argosy Foundation**

\$25.000+

Anonymous **Bezos Family Foundation** Brin Wojcicki Foundation Larry & Tami Cohen Ann & John

Doerr Jaqui E. Safra & Jean Doumanian Michael Dubno 🔺 Walter Havenstein The Heinz Endowments Lynn Hudson Pablo Legorreta David Lugliani M.J. Murdock Charitable Trust Newman's Own Foundation Tom & Cindy Secunda Myron Ullman 🔳 Jim • & Nancy Utaski Josh 🔺 & Judy Westor Rainer Ziehm

\$5,000 - \$24,999

Eric Aroesty Donald E. Bossi 🔳 Don Bulens Kevin Burke The Curtis L. Carlson Family Foundation Jane P. Chwick Connie Crawford William Danforth James Dimon Donald Duet Jay Flatland Arlene Goldman Guernsey Foundation Timothy Hall Karen & Rick Hargrove The Bruce J. Heim Foundation Marc Hodosh 🔺 Howard Family Foundation Jain Family Foundation The Keough Family Foundation Vernon R. Loucks, Jr. Sheri McCoy Thomas & Paula McInerney Scott McKay 🗖 The Milk Money Foundation, Inc. Mosher Family Foundation Dennis Muilenburg Kevin Murai Dr. William P. Murphy Jr. * David Murray The Gerald Oppenheimer Family Foundation Vance Opperman Robert
& Elizabeth Parkinson

Latisha Rourke Siegel Family Endowment Melody & Rich Simoncic Karl Sprules Gary
and Diane Tooker Family Foundation Filiot & Jaime Turner Robert 🔳 & Lynn Tuttle **Robin Vince** Lawrence and Sherian Washington Family Foundation Ronald Zarrella

Up to \$4,999

Maria Abejo Joshua Adelson Amanda Aftergood Kimberly Aftergood Kamal Aggarwal Susan Agrawal The Agron Family in memory of Jesse Laufer Ben Aaron Daanish Ahmad Senel Akbas Kerry & James Albolino David Alday Clements Eric Alev in honor of Stephen Alev Toomas Allik Oksan Alpdemir in honor of Jon Morgan Alfonso Amico Joan Amos Claudia Anderson Dennis Anderson B Dale Anderson in honor of Scott & Kristin Anderson Andrew Anastrom Anonymous in honor of Ed Andreas Anonymous in honor of Anritsu Company Anonymous in honor of Brett Aukburg Anonymous in honor of Garrett Bernstein Anonymous in honor of Bria Media, Inc. Anonymous in honor of BWW Communications Anonymous in honor of Anthony J. Desany Anonymous in honor of Hufmann Media Sales Anonymous in honor of John Day's Automotive Electronics Anonymous in honor of The Leadership Team Anonymous in honor of my parents and my brothers Anonymous in honor of Shivam Parikh Anonymous in honor of Power Systems Desian Anonymous in honor of David Whitaker Philip Aponte D.L. Arenson David Armitage in memory of William Perkins Charles Armstrong Alana Asmussen in honor of Scott & Kristin Anderson

27

Geoffrey Atkinson in honor of Dan Atkinson Anand Atreva in honor of Anisha Jain & Anand Atreva Graeme Baer Lynn Bagliebter in memory of Samuel Schlussel Andy Baker Robert Baldwir S.L. Ballew **Bancroft-Clair Foundation** M F Banigan Victoria Barnes in honor of Brett Hobson Jim and Dede Bartlett Foundation Paul Battista in honor of Michael & Kristina Ring M.L. Baumgartner Kathy Beadle William & Diana Beaulieu Jefferv Becraft Brenda Bell-Govan Stephen Bennett David Benninghoff Matthew Berg Marilyn Bernstein in memory of Jesse Laufer **Bialkin Family Foundation** Chad Bishop Donald Blain Richard Bocchinfuso in honor of The FusionStorm NYC Engineering Team Richard Bocchinfuso in honor of The FusionStorm NYC Sales Team Karie Bogrette in honor of Lexie Bogrette David Bonderman Dennis & Denise Bone Emily Bone Paul Boone Stanley & Ann Borowiec **Bostock Family Foundation** Tom Bottiglier Peter Bower Levda Bracho Elizabeth Bradford Birkby Samantha Branch Jeffrey Braun **Daniel Brecher** J. Bredemeyer Kevin Breuer Carina Bridgemohan **Bright Funds Foundation** James Brodnick Christopher & Barbara Brody Christina Broeker Marv Jo Brown Philip Brylowski Charles Bryson in honor of Jay Flatland & Paul Rose William Buckley Terrell Burch Ursula Burns Jim Busby Ryan Byrne Patricia Calderon William Cammuso

Pamela Caraballo Scott Caradonna Ronald Cardullo Tom Carlone James Carr Joseph Carter Christopher Cerrudo Ka-Kit Chan Sarov Chandran Ron Chaney Bay Chang William Chapman Angela Chase Rodolfo Chavez Arun Chawan Michael Cheich Michael Cheich in honor of Derrick Windsor Pamela Cheng I. Cheng Wu in honor of Samuel D. Momotiuk Jennifer Chen-Pearson Nagesh Chintada in memory of Chintada Seshagiri Rao Andrew Chronopoulos Octavian Ciubotariu Mickey Clagg Lancelot Clarke Joshua Clausman Mark Clifton Kellie Cloud Robin Coger 🔳 Ron Cohen in honor of Pablo Legorreta Stuart Coher William Colabello Jeremy Cole Loreen Collins Will & Robert Collins Robert Consolin Arthur Cooper Harold Cooper **Beverly Cooper Miller** The Leon and Toby Cooperman Family Foundation Wendy Covey David Crane Elizabeth Creighton Sterling Crockett Christopher Crowley John Crudele Alan Cunningham Joanne Curry Roger Curtis Lawrence Daddario M. Jane D'Agostino Brian Dahlman Chandni Das in honor of Anshu Sinha Wolfgang Daum Pavan Dave David Davis & Beth Portnov-Davis Kenneth & Lisa Davis Suzanne Davis in memory of Alexander Starosielski Robert Debes

Ron Deblinger Carlson Delaserna Melissa Demmon Charles D'Englere Donna & Henry DePaolis Chris Dern Emily-Anne Deutsch Amy Devine Dale DeYoung Vignesh Dhanasekaran Navdeep Dhindsa Greg DiCostanzo & Gillian McPhee Jason Dillon Joseph Dirrim Brice Dobry Ryan Dognaux David Dolling Emma Dorgan Irwin & Janet Dorros Marc Douat Edward Dougherty Jennifer Dowd Colby Downes The Drexler Family Foundation Patrick & Janis Dunlan Nagarajan Duraisamy James Durand Patti & Terry Durkin in honor of Mr. John E. Abele Patti & Terry Durkin in memory of Scott R. Frock Mitzi & Warren Eisenberg Ann Elliott in honor of Sean Elliott Mark Enzien Ellen Erhardt Edie Ervin Taisha Escribano Julia Espel Eric Espenhahr Kay Evans Robert Evans Jeffrey Evelhoch Katherine Even in honor of Zoë & Luke Eugene Eydlin Carolyn Fagan Randall Fahev Ron Falcone Vickie Falzarano Robel Fasil Robert Fayfield in memory of Norm Brady Jeff Fenstermaker Ferland Family Foundation, Inc. Robert Ferraro Sarah Ferraro Aquiles Ferrer Noah Fiedel Curt Fiedler in honor of Ingrid Fiedler Mark FitzGerald in honor of Orges Furxhi Erin Fleck Cherrie Fleisher-Strauss Cathy Fletche David Fletcher

Juan Flores Jennifer Floyd Howard & Margaret Fluhr **Bernard Flynn** Terry Foland Charlotte Fore Kathleen Fox Suzanne K. Fox in memory of Thomas M. Fox Sr. Mary Fraser Edward Fried Deborah Friedmar Steve Froehle Michelle Gagnon in honor of Don Bossi Michelle Gagnon in honor of The Development Team Mark & Nancy Gallivan Renee Gallup **Emmanuel Galsim** Karthik Gandhi Victor & Patricia Ganzi **Clifford Garner** David Gedvmin **Geisler Family Trust** Martin Geller Viktor Geller Gwendolena George Jason George Gordon Gerson Darlene Gibson Koenraad Gieskes Joel Gilbert The Rosalinde and Arthur Gilbert Foundation Ben Gilliland Scott Gillings Paul & Theresa Giordanella Mark Giordono Robert Giusti in memory of Dr. Barton Aron Kamer Adam Gleitman David Glover Scott Godin Susan Gold Rochelle Goldberg Alfred Goldstein Patrick Gorey James Gorham in honor of FIRST Robotics CompetitionTeam 195 "CyberKnights" Regina Goss in memory of Jesse Laufer Patricia Gottenge Jerry & Paula Gottesman Timothy Goudge Darcy Gray Octavia Grecescu Peter Green Rochelle Green Garrison & Philip Garrison Darren Greenberg Mark Greenlaw Glenn Gribble David Griff Eileen Griffee TG Griffin Jonnathan Griffin

Loretta Grob Victor Groisser Christopher Grontkowski **Gregory Gross** Steven & Jonith Grundmann Ross Gustafson Octavio Gutierrez Drew Gutsteir Saima Haider Katherine Hanamy Thomas Hansen Charles Harkless J.J. Hartel Patrick Hartigan Barbara Hayes Laura Hayman Laura Havtman Stephen & Lynn Hazard Lynne & Henry Heilbrunn Patricia Henrich Michael Herskovitz Steven Higgins John Himebrook **Reacy Hobbs** Margaret Holland Dawn Holmes Arthur Holst Jeffrey Honeck Sarah Hopkins Jerry Hopple Joseph Houle Marc Howard Mark Howland Bret Hribar Theodore Hsu & Tara Sharkey K.K. Hughes Patti Hunter in memory of Jesse Laufer Marguerite Ianello David Iani Susan Ilax Nicholas Iorio Timothy Isted The Alfred and Rosemary Iversen Family Foundation of the Community Foundation of New Jersey Suresh K. Iyer Roger Jackson, Jr. Paul Jacobs Sharon Jadrnak Bill Jansen David & Kimberley Jeakins David & Kimberley Jeakins in honor of FIRST Robotics Competition Team 238 Stephen Jelinek & Betsy Wisch Daniel Jo Carrie Johnson in honor of Jim Rothrock Dan Johnson Godwin Johnson Mr. & Mrs. James L. Johnson III Ken Johnson Kurt Johnson in honor of Jim Bothrock Lee & Jana Johnson

Michael Johnson & Flizabeth Barnes Randall Johnson Tiffany Johnson Timothy & Kim Johnson Dave Jones E.J. Jones Fred Jones Family Foundation Roji Joseph John Karlen Brendan Karvelis L. Robert & Kathleen Kaswel Richard Katz in memory of Jesse Laufer Marilyn Kemp in memory of Ryan Boette Jack Kemper Jerome Kenealy Brigid Kennedy in honor of David Moss Charles Kennedy Muhtar Kent Alexander Kernhaum Ben Kershaw **Richard Ketaily** Veronica Killebrew Fred Kiser Susanne Klausenstock Marcus Kline Kathleen & George Klinich Melissa Knight Alison Koenig in memory of Daniel Koenig Kathleen & Michael Kolberg The Matthew Korn and Cynthia Miller Family Foundation Marvann Korsch Steven Korsch Gary Kosar Bernard and Carol Kossar Foundation Inc. Karen Kowalczvk Dennis Krause Sharon Krawiec Brad Krevoy in memory of Aidenn Kenna Tisseur Russell Kriegel in memory of John Xintaras, Jr. Carol Kubis Pramil Kuchhal Barbara Kuleba The Kunkel Family Foundation Michael & Kusumarn Fleming Todd Kvamme William Kwan Alison Kwong **Robert Lamaute** Christian Lambertz Jimmy Lambrinos William & Beth Landman Greg Landry Ms. Cheryl Lapointe Peter Lasorte Paul A & Kelley Lazarus George & Claudia Le Masurier Minh Le in memory of Sarah Anne Le Nicholas Leccese James Lee

National Aeronautics and Space Administration (NASA) Receives the **FIRST Founder's Award**



Charles F. Bolden, Administrator, NASA; Dave Lavery, Program Executive for Solar System Exploration, NASA; Dean Kamen; Alexis "Jackie" Bolden

FIRST Founder Dean Kamen presented the 2016 Founder's Award for exceptional service in advancing the ideals and mission of *FIRST* to one of the organization's oldest and most fervent supporters: *The National Aeronautics and Space Administration (NASA).*

Starting with one team in 1995, NASA has grown its support to sponsor 258 *FIRST* Robotics Competition teams for the 2016 season. Most importantly, NASA engineers work directly with teams as Mentors. Engineers from every NASA center, and headquarters, are involved with local teams.

The primary mechanism for this support comes from NASA's Robotics Alliance Project (RAP), which serves to inspire young people from all walks of life to explore engineering and science careers.

NASA says programs such as *FIRST* are critical to its survival. NASA plans many planetary exploration missions over the next few decades that feature robotic explorers, and it knows demand for expert roboticists to design, build, and operate these explorers will outstrip the supply emerging from academia. By supporting robotics programs, NASA hopes to nurture new talent to carry the agency — and the U.S. — into the future.

Over the years, NASA has hired numerous *FIRST* Alumni. Seventy percent of the Robotics Automation and Simulation Division staff at NASA's Johnson Space Center are *FIRST* Alumni and/or Mentors.

William Lee Margaret Lehman Wendy Lehnert Willison Stewart Leicester Rebecca Lenard Natalia Lerner Laurie Leshin Tom Letendre Arie Levi in memory of Guy Levi Jim Levitt in honor of Matthew Krogsrud Leslie Levitt in memory of Stephen Koca Denise Lewis Sean Lewis LHB Foundation Fund of the Duluth Superior Area Community Foundation Michelle Liechtv Lori Light Ashley Liles in honor of Rick & Mari Liles Irene I in Cori Linn in memory of Bertha Goldman Mary Lizardi Diana Lofaro Devin Lombard Greg Long Michelle Long & Isaac Mishkit Kelly Lonarrino Denice Loud B.C. Lovett Breanne Lubinsky John Lucas Jessica Luciano Nicholas Luthe Lev Lvovsky John Lynch 🔳 Jennifer Lynskey Ana Machado Jessica Machado Jock Mackinlay Jim Macklin Rajanl & Shanthi Maddhi Vicki Magasinn in memory of Jesse Laufer Pamela Maker Carla Malden & Normal Beil in memory of Jesse Laufe Brandon Mancin Sarah Mannello Derek Manwaring Kimberly Marciano in honor of Christopher Triebe Jeffrev Marcone The Marcus Foundation, Inc. Jason Markesing Chamberlyn Marks in honor of Sherri Ausbon Mary Beth Marks Gregory Marra Francesca Marsala S.H. Marshall Michael Marshall Todd Martin Michael Martinez Paul Martino Marshall Massengill

Darin Mastricola John Matison Julie Matteini Paul Mavfield William McClung Jonathan McCov Ian McMahor Christopher McRoberts Kevin Meier Peter Meindl Dmitry Melikov Marlon Menezes Andrea Messina Demarco Jason Messler Jason Meyer Jeff Meyers David & Diana Milich Dan & Kimberly Miller in honor of Scott & Kristin Anderson Miller Family Charitable Foundation Thomas Miller Allison Milmoe in honor of W. Price Foltz Jeffrey Misiewicz Alice Mohr Andrew Mola Samuel Momotiuk in honor of Joev Kerns Nelly Monick Joanne Monty Alex Moon **Richard More** Craig Morrison Gilberto Morrison Dale Morrow Anita & Paul Moss Peter Mueller John Mui Brian Muirhead Patrick Mulvey Timothy Mushkin Balakrishnan Nagappan Nick Nanton Cynthia Neal-Harris in honor of Dr. H. Wayne Harris Danny Nelson Austin Newman Benjamin Ng William Nguyen C.A. Noble Shawn Noble in honor of Robotic Regals Richard T Nolar Bill & Melinda Nussey in memory of Al George **Richard Oakes** Gene O'Brien Lucia O'Connell Maureen O'Connell Offit Capital Advisors LLC Todd O'Leary Jennifer Olser Mr. & Mrs. Thomas Olson Teresa On in memory of Jesse Laufer Catherine Ono

Vincent Ordv Travis Orfe Peter Orlando Robert K. Ortberg Endre Osborne Catherine Osman in memory of Reeve Hammell David Otten David Palastro Christine Pan Shalini Parigi Gwendolvn Paris Vijay Parmar Himanshu Patel Prijesh Patel Forrest & Dianne Patenaude in memory of William Perkins Sachin Patil Robyn Pearson Heidi Peguero Charlotte Pennella Arnold S. Penner Foundation, Inc Michelle Perez Dan Perlman Timothy & Gail Peter Alec Peters Michael Petersor Steve Peterson John Petrykanyn David Phillips **Timothy & Frankie Phillips** Theresa Pierre Elizabeth Plott Daniel Pobocik in memory of Ray Eugene Bussard Jeffrey Pogue **Richard Poque** Kimberly Pollock William Pollock Michael Pomianek Chelsea Powell Thomas Propst Rodney Qualls Eileen & Leslie Quick Mary Quimpo C.A. Raether Maheswara Rai Carol Raman Aaron Raphel Michael Rappaport Apoorva Rastogi Pankai Rastogi Kris Reddina Joseph Reepe Jonathan Reilly Stephen Reinert Christophe Renaud George Reyme Jamie Rich Jeffrev Rieth Joshua Riff **Biley Family Foundation**

Joy Rivera Devin Roams Garth Roark Monique Robbins **Richard Roberts** Gerard Roche **Gary Rodgers** Jonathan Rodin Barbara Jean Roldan Nicholas Romano M D Romero Eliot Rubin **Bussell Charitable Fund** Edward Rust The Ryan Family Foundation Jamie Sachs Edwige St. Juste Branden Sam Sanghi Family Foundation David Santin Anne Sarles Dilip Sathe Marjorie Sauer Terence Sauer Melissa Sayen in honor of Mike Sayen Lois Sayrs in honor of Daniel Cohen **Kristine Scarpone** David Schafer in memory of Jesse Laufer R.L. Schaffer Mark & Juanita Schemel Sarah Schenkelberg in honor of John Doerr R.D. Schmidt Diane Schmit James Schnur John Schreibe Larry Schroeder Philip Schwarz Johnathan Scott Brenda Seymour in honor of Greg Seymour Amy & Roland Shahinllari Shiva Shankar Gatti Neal Shapiro **Robert Shapiro** Barry Sharp Garv Shave Mirabella Sheppard Eric & Mary Sherk Gregory Shoup Dr. Brett Shurman in memory of Jesse Laufer Steve Siakel Joan Sides Frederick Siege Jeffrey Siegel Paul Silberberg Randall & Cynthia Simatic Carol Singer & Daniel Singer Bricklin Sean Skelly **Diane Skouruprich** L. William & Norma Slanetz in memory of William Perkins Sarah Slattery

Nanette Smith Jesse Smith in honor of Philip Raso Marcia Smith Fleres Tonva Snyder Janice Solarz Miriam Somero Pallavi Somuri Archesh Son R Sonnemann Corinne & Harry Sookram Monica Sottile Eileen M. Span Ellen Spear Elizabeth Specht in honor of Steve Specht William Spero Stephen & Tina Squer Brandi & John Staropoli Kelly Stashko Rvan & Sharon Stawicki Sandra Stemple in honor of Craig Stemple Nancy Stephens in memory of Jesse Laufer Marianne Stevens **Boseann & Mark Stevens** Tracev Stevens **Richard Stocking** Michele & Robert Stockwell Dia Stolnitz Chelsea Stone Dane Stone Mr. & Mrs. James P. Stone Linda Stone Lucy Stone James Strachan Brian Stratton Kate Straus Tong Su Meyyammai Subramanian in honor of Van Lanning Wei-Yang Sun Farrokh Sutaria Damian Sutcliffe John & Deirdre Sweeney Joshua Sweetkind-Singe David & Deborah Swenson Robert Tankoos Joseph and Arlene Taub Foundation Thomas Taylor Linda Tenda David Thomas Kield Thomsen Amanda Timson in honor of Andrew Timson **Richard Tinker** Patricia Tolber Brian Townley Mark Tracy Nina & Donald Tranquillo Cecilia Trost Mucahit Turel Dan Turk Wesley Turner Paul Ulland Vijay Umapathy

Katarina Van Heusen Allyn Vannoy in honor of Carolyn Roman Joe Varnell Victor Velazquez Jr. J.L. Velino Esther & Robert Vermouth in memory of William Perkins Pamela Vesely Shelly Waggoner Stephen Waldman Deepak & Mei Walia Frank Walter III & Marguerite Walter Zhunquin Wang in honor of Hot Wired Robotics P.G. Wanninger Bruce Warner in memory of Jesse Laufer Alfred Bie & Joan Watanabe Robert Weaver in honor of SCTE San Diego Chapter Michael & Shari Webb Shawn & Angela Weck Robert & Laurel Weinberg in honor of Evan M. Weinberg Jerrold Weiner Shawn Weisfeld Adam Wells R.J. Wetherall Hank Wethington James White Robert J Wieczorek Elisha Wiesel Vincent 🔺 & Jean Wilczynski M.J. Williams **Zia Williams** Scott & Adrienne Williams James Williamson Sandi Willsey in honor of my son Colin R. Lemen Ryan Wilson in honor of Ian Wilson Jacob Windle Ferd Winget Sharon Winters Kimberly Womack David Woodruff Gary & Kathryn Woods Timothy Wright Wu Family Foundation Bruce Wyman J.D. Wynes Anthony Xu Unhyi Yang Mallikariuna Yemme S.W. Yoder Meiko Yoshidome & Colin Caesar Brian & Samantha Young Wayne Young Albin & Estelle Zabrocki Melissa Zaineb Henry Zee Donald Zeigler Matt Zurad Zoran Zvonar & Milica Stojanovic

J.A. Unruh Family Foundation

2016 FIRST Championship Sponsors Presenting Sponsor



Program Sponsors

The Boeing Company Bosch Center for Energy Workforce Development (CEWD) Google, Inc. IBM Corporation Monsanto Company NRG Energy, Inc. United Technologies Corporation (UTC) U.S. Air Force

FIRST Shipping Sponsor

FedEx Corporation

Sponsors

Abbott Fund **BAF** Systems **Bechtel Corporation** Booz Allen Hamilton, Inc The Coca-Cola Company Comcast NBCUniversal **CSC** Charitable Foundation DaDaLeLe Company Dr. William H. Danforth Dice The Dow Chemical Company Edward Jones Foundation General Electric Company (GE) Hilton St. Louis at the Ballpark Microsoft Corporation Mouser Electronics, Inc. Nidec Motor Corporation **NVIDIA** Corporation St. Louis Regional Chamber St. Louis Union Station Hotel Southwest Airlines SpaceX UL Vulcan Spring & Mfg. Co.

2016 Bart Kamen Scholarship Fund Contributors

Lois Sayrs Maria Edith Tuiza Sandi Willsey

Lifetime Bart Kamen Scholarship Fund Contributors

John Abele ■ /Argosy Foundation Frank DeLorenzo Jay Duchin Marcia Smith Fleres Margaret Frankian Bahi Ghazal Tuan Hoang Marc Hodosh 🔺 Robert lles Dean Kamen Kaplan Simons Family Foundation George Lanigan in memory of Claire C. Toohev Richard Lanigan in memory of Claire C. Toohey Lloyd Lee Lively Group Minh Nguyen Van Nguyen Anne Ortwerth & Mary Gunter Judith Peritz Ethel Rubinstein Lois Sayrs Dana & Kathy Seero Linda Stone Maureen Toohey Gary
and Diane Tooker Family Foundation Maria Edith Tuiza Robert Tuttle Jim Utaski 🔵 Josh Weston 🔺 Mr. & Mrs. Vincent Wilczynski 🔺 Sandi Willsey

2016 FIRST Alliances

Alpha Omega Epsilon (A.O.E.) American Society for Engineering Education (ASFF) Automation Federation/ISA Boys & Girls Clubs of America Electronic Components Industry Association (ECIA) Foundation Girl Scouts of the USA MIT Alumni Association National 4-H Council National Center for Women & Information Technology (NCWIT) National Fluid Power Association (NFPA) Foundation National Parent Teacher Association (PTA) National Robotics Week Sigma Phi Delta (SPD) Society of Hispanic Professional Engineers (SHPE) Society of Women Engineers (SWE) Yale Science & Engineering Alumni

2016

Woodie Flowers Award Success is More Than Winning

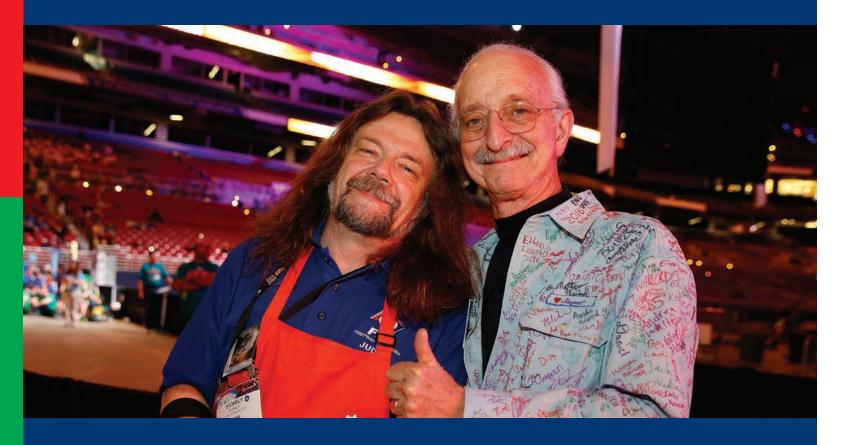
For students on FIRST Robotics Competition Team 360, an unrelenting commitment to service is the thread that runs through everything their Mentor does.

The 2016 Woodie Flowers Award winner, Eric Stokely, never lets members of "The Revolution" forget that being successful is more than winning, and that being a FIRST team means having a positive presence on the field and working tirelessly to better their community.

Team members credit Stokely for their team's industrious spirit and commitment to Gracious Professionalism. He promotes student drive by pushing team members to take initiative and face challenges head on, creating a team dynamic that fosters innovation and empowers the students to become leaders.

Stokely never stops working to make FIRST accessible to all students. He encourages the team's outreach efforts to develop the FIRST program internationally. In 2008, they helped to launch FIRST Robotics Competition Team 2905 "Sultans of Turkiye" in Turkey. Working toward establishing an official Regional event in Turkey, the team's collaboration with a Turkish foundation helped make the first offseason event in that country a reality this year.

Through his service — to his students, the Washington FIRST Robotics organization, and his community - Eric Stokely has created something that will last forever. His legacy will live on in students whose lives he has touched around the world - and in the service they give to their own communities, following in his footsteps.



2016 FIRST Scholarship **Providers**

Platinum (\$500,000+)

Capitol Technology University Clarkson University Florida Institute of Technology Illinois Institute of Technology Kettering University Macquarie University Michigan Technological University Milwaukee School of Engineering Olin College of Engineering University of Advancing Technology University of Rochester U.S. Navy ROTC, St. Louis Recruiting District Webb Institute Worcester Polytechnic Institute Yale University

Gold (\$100,000-\$499,999)

Bart Kamen Memorial FIRST Scholarship Boston University Bucknell University College of the Atlantic Culinary Institute of America Daniel Webster College Drexel University Embry-Riddle Aeronautical University - AZ Embry-Riddle Aeronautical University - FL Hudson Valley Community College Instituto Tecnológico Autónomo de México (ITAM) Jacksonville University Lawrence Technological University Lindenwood University Merrimack College Northeastern University Randolph College

Rensselaer Polytechnic Institute Rochester Institute of Technology Rose-Hulman Institute of Technology Stevens Institute of Technology SUNY Polytechnic Institute **Tulane University** University of Missouri - Kansas City Virginia Commonwealth University

Silver (\$40,000-\$99,999)

Arizona State University Bradley University California University of Pennsylvania Case Western Reserve University Fairleigh Dickinson University Florida A&M University/Boeing Gordon College Hallmark University Harvey Mudd College Johnson & Wales University

Macquarie FIRST China and Semia Scholarshins Marquette University Massachusetts Institute of Technology (MIT McKendree University Missouri University of Science and Technology Northern Arizona University Northwest Nazarene University Nuts, Bolts & Thingamajigs, The Foundation of FMA, Intl. Oklahoma State University Pace University Pacific University Pellissippi State Community College Raytheon Company Seattle Pacific University Syracuse University **Temple University** University of Cincinnati University of Iowa University of Kansas University of Minnesota/ PTC, Inc. University of Portland University of South Carolina University of Southern California University of Texas Arlington Vaughn College of Aeronautics and Technology Washington State University - Engineering

Bronze (\$20.000-\$39.000)

Adelphi University

California State University, Los Angeles/The Boeing Company Canadore College **Carleton University** Carnegie Mellon University/The Boeing Company City College of New York, CUNY **College for Creative Studies** Colorado State University Columbus College of Art and Design Eastern Washington University Florida Power & Light/NextEra Energy Foundation Frank Minolli Foundation - Summer Pre-College Scholarships Gordon College Grand Valley State University Hofstra University Idaho State University, College of Technology Lake Superior State University Make School Summer Academy Mercer University School of Engineering Mollov College NextEra Energy Foundation, Florida Power & Light Company Nipissing University Northwestern University Ohio State University Rutgers, The State University of New Jersey

St. Clair College *FIRST* Windsor Essex Great Lakes Regional Scholarship

Southern New Hampshire University Steve Sanghi * Scholarship Texas Tech University University of Detroit Mercy University of Illinois at Chicago University of Maryland - College Park University of Massachusetts Lowell Engineering University of Massachusetts Lowell -Sciences University of New Hampshire Manchester University of Tennessee University of Washington/The Boeing Company Vermont Technical College Washington University in St. Louis/The Boeing Company Whitworth University William Paterson University Xavier University York University

Brass (up to \$19,999)

American Petroleum Institute - Delta Chapter ASME - ASME Auxiliary Baker University Boise State University College of Engineering Cleveland State University - Washkewicz College of Engineering DePaul University East Carolina University Eastern Michigan University Farmingdale State College Ferris State University Gates Corporation George Fox University Georgia Institute of Technology Globe University Indiana State University Indiana University – Purdue University Indianapolis (IUPUI) School of Engineering and Technology Itasca Community College Kansas State University Lake Superior State University Marvville University Metropolitan Community College - Business and Technology Metropolitan Community College - Maple Woods Mineral Area College Montclair State University Murray State University New York Institute of Technology North Carolina A&T State University North Carolina State University NYU Tandon School of Engineering Oregon Institute of Technology **Oregon State University** Oregon State University - John and Emma Gilleland Women in Engineering Scholarshin

Phil Clancy Memorial Scholarship Philpott FIRST Robotics Scholarship for Engineering, UNLV Polytechnic Institute of NYU Purdue University - Computer Science Queen's University Robert Morris University The RoboProm Scholarship Ryerson University St. Louis Community College - The Ashok Agrawal Scholarship for FIRST Students Schoolcraft College ServoCity / Actobotics SME Education Foundation Society of Women Engineers (SWE) -Houston Area South Dakota School of Mines and Technology Southern California Regional Robotics Forum (SCRRF) Southwestern Michigan College Texas A&M Universitv Texas Instruments University of Central Missouri University of Connecticut University of Illinois Chicago University of Illinois at Urbana-Champaign University of Massachusetts Amherst/PTC University of Minnesota, Duluth University of Mississippi University of New Hampshire University of North Alabama University of Ontario Institute of Technology University of Tennessee University of Texas at Austin University of Texas at San Antonio University of Toronto University of Vermont University of Waterloo University of Windsor University of Wisconsin - Madison U.S. Naval Academy Summer STEM Program Washington State University - Agriculture Western Carolina University Western University Engineering Whitworth University Yale Young Global Scholars Program Youngstown State University

Pennsylvania State University

2015-2016 SEASON FIRST LEGO League Jr. **Sponsors**

Program Sponsor



Top Team Sponsors

Sponsors in this section are listed in descending order starting with the Sponsor of the highest number of teams John Deere The Dow Chemical Company DoD STEM United Technologies Corporation (UTC) SAIC Rockwell Automation, Inc. Baltmore Public Schools Leidos Inc Motorola Solutions Foundation Qualcomm Incorporated Booz Allen Hamilton, Inc. FedEx Corporation GE Energy PTC, Inc.

2015-2016 SEASON FIRST LEGO League **Sponsors**





Global Sponsors







Rockwell Automation

Sponsors Australia

FIRST LEGO League Global Innovation Award presented by **XPRIZE[®]**

Founding Partner XPRIZE®

In Cooperation with The United States Patent and Trademark Office

Partners in Innovation

Booz Allen Hamilton, Inc. LEGO[®] Education NRG Energy, Inc. **Global Innovation Collaborators** John Deere

Rockwell Collins, Inc.

Top Team Sponsors

(10 or more teams in 2015-2016) Sponsors in this section are listed in descending order starting with the Sponsor of the highest number of teams. John Deere DoD STEM Caterpillar, Inc. **Bockwell Automation Inc.** The Dow Chemical Company United Technologies Corporation (UTC) SAIC Rockwell Collins, Inc. Leidos Inc Qualcomm Incorporated National Aeronautics and Space Administration (NASA) M.J. Murdock Charitable Trust GE Healthcare Booz Allen Hamilton, Inc. Oklahoma School District Cisco Systems, Inc. TE Connectivity Motorola Solutions Foundation Apple **Bechtel Group Foundation** GE Energy Google.org United Therapeutics Corporation PTC, Inc. DCPS Motorola Mobility Foundation Teradata Corporation FedEx Corporation NRG Energy, Inc. **Picatinny Arsenal** Renesas Xerox Corporation Host Organizations and Championship Tournament

Macquarie University **BAE Systems - Australia**

- **Bechtel Group Foundation** Cedars Christian College Curtin University Ford Motor Company Australia Google, Inc. Grace Lutheran College Granville Boys High School King David School LEGO Education Narrabeen Sports High School NI Northern Advanced Manufacturing Industry Group Queensland University of Technology Swinburne University Austria HANDS on TECHNOLOGY e.V. LEGO GmbH Mellowmessage GmbH Motorola Solutions Foundation
- NI Germany GmbH SAP AG Vision Components GmbH **Belgium**

Stichting Techniekpromotie **3M Company** ASML Avans Hogeschool Beslist.nl Citaverde College **Deltion College Discovery Center Continium** Facility Support - events FIRST Tech Challenge & FIRST Robotics Competition Team Noord Nederland FOM - Stichting voor Fundamenteel Onderzoek der Materie Fontys Hogescholen Frencken Haags Centrum voor Onderwijsbegeleiding Hanze University Groninger HAS Hogeschool Heutink

Hogeschool de Kempel Hogeschool Holland Hogeschool Utrecht Faculteit Educatie, Instituut Archimedes

Hogeschool Vives IWT Hogeschool Zeeland, University of Applied Sciences **IBM** Corporation ISW Irenestraat Poeldijk Kenniscentrum Bèta Techniek Kokkerelli - Stichting Kids University for Cooking LEGO dokters The LEGO Group Magic Shoot Ministerie van Defensie NFGD audiovisueel NI Océ - A Canon Company

voor het Technisch InstallatieBedrijf POA Valleiregio Prowise Radboud Universiteit Nijmegen Riiksuniversiteit Groninger **ROC Drenthe College** Rockwell Automation, Inc. Saxion Hogeschool Science Center Delft Science on tour Sluiis Management Statoil Stichting Beleef je Beroep Stichting DOENK Summa College Eindhoven Techniektalent.nu Technische Universiteit Delft Technische Universiteit Eindhoven TU/e Junior Universiteit van Amsterdam Universiteit Leider Universiteit Twente Universiteit Utrecht Villa Flora VOKA (Kamer van Koonhandel) Limburg Vrije Univesiteit Amsterdam Wageningen Universiteit YouTech Bolivia ONTI Foundation Gobierni Autónomo Municipal de el Alto Brazil SESI - Brazilian Social Services of Industry-National Department Colégio Eduardo Gomes (Primary and High

OTIB - Opleidings- en ontwikkelingsfonds

School) Federal Institute of Paraná John Deere Foundation NI

Rockwell Automation, Inc.

SESI Regional Departments (9): Amazonas Bahia, Distrito Federal, Goiás, Minas Gerais, Paraná, São Paulo, Rio Grande do Sul, Rio Grande do Norte **ZOOM Education**

Canada

Alberta Alberta Youth Robotics Society Association of Professional Engineers. Geologists and Geophysicists of Alberta

Association of Science and Engineering Technology Edmonton Catholic Schools

City of Edmonton

Edmonton Economic Development

Newfoundland and Labrador Statoli

College of the North Atlantic, PPD Campus

Department of Business, Tourism, Culture and Rural Development (BTCRD) Skills Canada Newfoundland and Labrador

Verafin, Inc

Nova Scotia

Acadia University Advanced Systems Bell Aliant (TV1) **Enterprise Car Rentals** Kentville Toyota Kings County Honda Lockheed Martin Corporation Michelin Canada Nova Scotia Business Inc. Nova Scotia Community Colleges (NSCC) Pratt & Whitney Canada Province of Nova Scotia – Education and Farly Childhood Development Province of Nova Scotia – Labour and Advanced Education Scotiabank Teens Now talk Women in Science and Engineering (WISE) Ontario Argosy Foundation Durham College Kumon Math and Reading Centres Lakeside Process Controls Lexmark Government of Ontario Ontario Power Generation Qualcomm Incorporated SYNNEX Canada University of Ontario Institute of Technology University of Waterloo United Way Worldwide and Wells Fargo Yves Landry Foundation Québec General Electric Company (GE) BMO Financial Group

Bombardier Brault & Bouthillier **Commission Scolaire Beauce-Etchemins** Commission Scolaire de la Pointe-De-L'Île Commission Scolaire de Montréal **Commission Scolaire Marguerite-Bourgeoys** CRSNG Emplois Compétences English-Montreal School Board Fondation J. Armand Bombardier Fondation Lucie et André Chagnon Groupe CANAM MANAC Ménard Family City of Montreal Réseau Réussite Montréal Robotique FIRST Québec Saputo Sherbrooke University Youth Fusion Chile Fundación SparkTalents

3M Company **Bechtel Group Foundation** Inacan LEGO Foundation

China

Education

Czech Republic

FIRST Scandinavia Norwegian Research Council SKS Statoil

Jõhvi Spordikeskus Semia Limited Jõhvi Vallavalitsus Kalev Lauluväljak Marmiton Nutilabo Põltsamaa Felix Colombia Robomiku Saku Läte SEB Škoda Tallinn Snace Swedbank Tartu Ülikool Telia **Faroe Islands** Frederick University FIRST Scandinavia Norwegian Research Council SKS Statoil Tekna - The Norwegian Society of Graduate HANDS on TECHNOLOGY e.V. Technical and Scientific Professionals The Norwegian Directorate for Education and Training Mellowmessage GmbH The Norwegian Public Roads Administration France Association MEDIO Sciences Environnement Aquitaine Robotics Vision Components GmbH Ville d'Armentières Association Arcadie Ville de Bordeaux CNRS Collège Lestonnac Conseil Départemental de Gironde Tekna - The Norwegian Society of Graduate Conseil Départemental de la Nièvre Technical and Scientific Professionals EIRLAB (High Tech FabLab de l'Ecole d'ingénieur ENSEIRB MATMECA) and Training Jeulin La MAE (Mutuelle d'Assurance Solidaire) LEGO Education Fundación para el Desarrollo de las Ciencias Le Temps des Cerises (Médiathèque d'Issy v Tecnología les Moulineaux) Lycée Gustave Eiffel Maison de la Nature Ville de Meudon Nevers Agglomération Robotics, Technology and Human Resources Development Association Ville de Nevers Nièvre Numérique Ministry of Communication and Information Robot Campus Technology Ville de Saint Etienne Techno Future Egypt So Digital Germany Center HANDS on TECHNOLOGY e.V. Estonia LEGO GmbH Mellowmessage GmbH ΔΗΗΔΔ Motorola Solutions Foundation NI Germany GmbH SAP AG Vision Components GmbH

Bechtel Group Foundation The Boeing Company China The Dow Chemical Company LEGO Education Shanghai Science and Technology Museum Fundación Global Arte Ciencia y Technología Fundación Universitaria Luis Amigó Cyprus FduΔCT Aqua Spring Burlington Books Cypriot Centre of Environmental Research & Metropolis of Lemesos Municipality of Lemesos Ministry of Education Eduxe LEGO GmbH Motorola Solutions Foundation NI Germany GmbH SAP AG Denmark The Norwegian Directorate for Education The Norwegian Public Roads Administration **Dominican Republic** Design Studio, The Bold Look of Kohler Familia León-Rivera Egypt The Bibliotheca Alexandrina Technology Innovation Entrepreneurship MTIÏ Robootika Aura Büroomaailm Eformular Energia Avastuskeskus

Haridus-Ja Teadusministeerium

Greece

Hasartmangumaksu Nöukogu

FduAC1 Alexander Innovation Zone S.A. Alpa Radio 96.5 Anatolia Hotels Aristotle University of Thessaloniki School of Philosophy and Education Region of Central Macedonia Conferience Cosmoradio Dios Natural Mineral Water E-Charity Epi-Direct Leda Papadopoulou Communication Experts Epiloges.Gr Ethnos Newspaper FM100 Focus FM 103.6 Fylatos Publishing Goody's Burger House Pefka Greek Rescue Team Greek Teachers Hellenic Ministry of Education, Research and Religious Affairs Hellenic Petroleum S.A. Ιεκ Ακμη- Akmi College Inter Brokers - Interbrokers, Insurance Company Interworks S.A. Karfitsa.Gr Kleemanr Municipality of Kordelio- Evosmou Lady's Note Livemedia Ministry of Macedonia and Thrace Μπελλης Κ. & Σια Ο.Ε. **Olympia Electronics** Ora Thessaloniki Peter Sport Pigolampides.Gr Municipality of Pilea-Chortiati Plus Radio 102.6 Print Xpress Company Radio Thessaloniki 94.5 Regional Solid Waste Management Association of Central Macedonia Roche Roller Lovers Science Center and Technology Museum "NOESIS Sunshine 107 7 Municipality of Thessaloniki Time Channel To Sxoleio Tis Fisis Tuvunu TV100 Vegetable Chandlers' Association in Thessaloniki V FM 91.1 Χρωμα FM 105.8 Xpress Group – Print Express Youth Foundation of the Metropolis of Neapolis & Stavropolis

Haiti

FEDUDEVH Atalou Microsystem, Haiti Caroll's Jewelers, Fort Lauderdale i²robotics, FIRST Tech Challenge 6081 Lakai Marie LEGO Foundation Sparky, FIRST Robotics Competition 384 100-One

Hona Kona Semia Limited

Hong Kong Youth Federation

Hungary

HANDS on TECHNOLOGY e.V. LEGO GmbH Mellowmessage GmbH Motorola Solutions Foundation NI Germany GmbH SAP AG Vision Components GmbH

Iceland

FIRST LEGO League á Íslandi Krumma Nýherji University of Iceland India

India STEM Foundation Caterpillar, Inc. John Deere LEGO Foundation RoboGenius Academy Techtronics Education

Indonesia

Mikrobot ABC Alkaline Axioo Cerebrofort & Cerebrovit Tunjungan Plaza

Israel

37

FIRST Israel Bank Happalim City of Dimona Ha'Kfar Ha'Yarok City of Hertzeliya Citv of Jerusalem City of Kfar Yona Kokhav Yair Council Meitar Council City of Modiin- Maccabim - Reut City of Ness Ziona City of Ra'anana City of Rehovot Robotec Technion – Israel Institute of Technology City of Tel-Aviv Yaffo Tel-Aviv Yaffo Academic College World ORT City of Yerucham Italy Fondazione Museo Civico di Rovereto

APT Rovereto e Vallagarina Cassa Rurale di Rovereto Caterpillar, Inc. Comune di Rovereto Istituto d'Istruzione Superiore "Don Milani" Rovereto Lenovo Media Direct srl Ministero dell'Istruzione Università e Ricerca Protezione Civile Provincia Autonoma di Trento Trentino Sviluppo/Polo della Meccatronica Japan FIRST Japan Crefus The Japan Society of Mechanical Engineers LEGO Education Tokyo Institute of Technology Jordan King Hussein Foundation Jubilee enter for Excellence in Education Latvia MTÜ Robootika ARGUS Cēsu novada pašvaldība Novikontas Vides fakti ZAA0 Zalā josta ZIN00 Lebanon Cedars Cultural School-Education and Technoloav Center American University in Beirut (AUB) Booz Allen Hamilton, Inc. Education and Technology Center (ETC) Institute of Electrical and Electronics Engineers, Inc. (IEEE) (Lebanon) Jarus Radio Khoury Home LBCI TV Lebanese International University (LIU) **Riak Branch** Rafic Hariri University (RHU) Zoomal Lithuania Robotikos Akademija Baltic Orbis Luxemboura Stichting Techniekpromotie 3M Company ASML Avans Hogeschool Beslist.nl Citaverde College **Deltion College** Discovery Center Continium Facility Support - events FIRST Tech Challenge & FIRST Robotics Competition Team Noord Nederland

FOM - Stichting voor Fundamenteel Onderzoek der Materie Fontvs Hogescholen Frencken Haags Centrum voor Onderwijsbegeleiding Hanze University Groningen HAS Hogeschool Heutink Hogeschool de Kempel Hogeschool INHolland Hogeschool Utrecht Faculteit Educatie, Instituut Archimedes Hogeschool Vives IWT Hogeschool Zeeland, University of Applied Sciences **IBM** Corporation ISW Irenestraat, Poeldijk Kenniscentrum Bèta Techniek Kokkerelli - Stichting Kids University for Cookina LEGO dokters The LEGO Group Magic Shoot Ministerie van Defensie NFGD audiovisueel NI Océ - A Canon Company OTIB - Opleidings- en ontwikkelingsfonds voor het Technisch InstallatieBedriif POA Valleiregio Prowise Radboud Universiteit Nijmegen Rijksuniversiteit Groningen **ROC Drenthe College** Rockwell Automation, Inc. Saxion Hogeschool Science Center Delft Science on tour Sluijs Management Statoil Stichting Beleef je Beroep Stichting DOENK Summa College Eindhoven Techniektalent nu Technische Universiteit Delf Technische Universiteit Eindhoven TU/e Junior Universiteit van Amsterdam Universiteit Leiden Universiteit Twente Universiteit Utrecht Villa Flora VOKA (Kamer van Koophandel) Limburg Vriie Univesiteit Amsterdam Wageningen Universiteit YouTech Malaysia Sasbadi Holdings Berhad All State Education Departments, Ministry of Education Malaysia Bank Rakyat Foundation

Bechtel - Malavsia **CIMB** Foundation The Institution of Engineering & Technology (IET) **KDU University College** LEGO Education Malaysian Communications And Multimedia Communication (MCMC) Ministry of Education, Malaysia (MOE) National Science Centre (MOSTI) Penang Science Cluster (PSC) Teacher's Training Institute (Malay Language Campus), Kuala Lumpur Telekom Malaysia Berhad UCSI University Universiti Teknologi Petronas (UTP) Universiti Tenaga Nasional (UNITEN) Mexico Explora, Descubre Y Crea, AC Centro Escolar Cedros Fundación Azteca General Motors México Instituto Federal de Competencia Económica Instituto Federal de Telecomunicaciones Instituto Tecnológico Autónomo de México (ITAM) Instituto Tecnológico y de Estudios Superiores de Monterrey MET MEX Peñoles MUTEC - Museo de Tecnologia y Ciencia Bárbara and Ignacio Navarro Promedici, S.A. de C.V Rockwell Automation, Inc Secretaria de Economía Secretaria de Educación Pública Moldova MTÜ Robootika StarNet U.S. Agency for International Development Montenearo Young Inventors of Montenegro Domen Elko Tim Ministry of Education, Government of Montenearo Ministry of Science, Government of Montenearo Neckom Telenor Netherlands Stichting Techniekpromotie 3M Company ASML Avans Hogeschool Beslist.nl Citaverde College **Deltion College Discovery Center Continium** Facility Support - events FIRST Tech Challenge & FIRST Robotics Competition Team Noord Nederland FOM - Stichting voor Fundamenteel Onderzoek der Materie

Frencken Haags Centrum voor Onderwijsbegeleiding Hanze University Groningen HAS Hogeschool Heutink Hogeschool de Kempel Hogeschool INHolland Hogeschool Utrecht Faculteit Educatie Instituut Archimedes Hogeschool Vives IWT Hogeschool Zeeland, University of Applied Sciences IBM Corporation ISW Irenestraat Poeldijk Kenniscentrum Bèta Techniek Kokkerelli - Stichting Kids University for Cooking LEGO dokters The LEGO Group Magic Shoot Ministerie van Defensie NEGD audiovisuee NI Océ - A Canon Company OTIB - Opleidings- en ontwikkelingsfonds voor het Technisch InstallatieBedrijf POA Valleiregio Prowise Radboud Universiteit Nijmegen Rijksuniversiteit Groningen **ROC Drenthe College** Rockwell Automation, Inc Saxion Hogeschool Science Center Delft Science on tour Sluijs Management Statoil Stichting Beleef je Beroep Stichting DOENK Summa College Eindhoven Techniektalent.nu Technische Universiteit Delft Technische Universiteit Findhoven TU/e Junior Universiteit van Amsterdam Universiteit Leiden Universiteit Twente Universiteit Utrecht Villa Flora VOKA (Kamer van Koophandel) Limburg Vrije Univesiteit Amsterdam Wageningen Universiteit YouTech New Zealand Kiwi FIRST Academic Colleges Group DMXking.com Nigeria Coderina Caterpillar, Inc. MTN

Fontys Hogescholen

National Information Technology Develo Agency (NITDA) **Rivers State University** SAP University of Abuja Norway FIRST Scandinavia The Norwegian Directorate for Education Training

The Norwegian Public Roads Administra Norwegian Research Council SKS Statoi Tekna - The Norwegian Society of Gradu Technical and Scientific Professiona Oman King Hussein Foundation Jubilee Center for Excellence in Educat

Pakistan

STARfALL (Science and Technology Awareness-and Recognition for All) Cardiac Center of Texas **LEGO** Foundation Robo Campus

Palestine

King Hussein Foundation Jubilee Center for Excellence in Educat Peru

Wernher Von Braun IFP S A **Bobitica** Creativa Sac

Philippines

FELTA Mutli-Media, Inc. American Airlines/Cathay Pacific **Bechtel Group Foundation Enchanted Kingdom** Implementing Agency - DepED - Depart of Education Intel Corporation Quezon Science Interactive Center Poland

HANDS on TECHNOLOGY e.V. Akces LEGO GmbH Mellowmessage GmbH Motorola Solutions Foundation NI Germany GmbH SAP AG Vision Components GmbH

Portugal

Evoluir21 AKI - é fácil fazer Arabot HI-FI, Lda. Instituto Superior Técnico - Campus Taguspark Nobrinde

Qatar

King Hussein Foundation

Jubilee Center for Excellence in Educat

Republic of Korea

FEST (Feeling and Enjoying Science & Technology Organization)

opment	Dongseo Culture
	The Electronic Times
	Embassy of Mongolia
	Embassy of Romania to the Republic of Korea
	FocusTour Daegu
	Funers
on and	Institute of Korean Electrical and Electronics Engineers
ation	LEGO Education
	Sogang University
	UL Korea
	U.S Embassy, Seoul
uate	Russia
als	Oleg Deripaska's Volnoe Delo Foundation
	EN+ Group
	GAZ Group
ion	Serbia
	Zavod Super Glavce
	Atria Grupa
	Kreativni Centar
	NFInnova
	PP Design Plus
	Prometheus Technologies SAGA
	Skockani
ion	Trizma
	Singapore
	Duck Learning
	Canadian International School
	Infocomm Development Authority of Singapore (IDA)
	Slovakia
	HANDS on TECHNOLOGY e.V.
	Anasoft
ment	Eduxe
	LEGO GmbH
	Mellowmessage GmbH
	Motorola Solutions Foundation
	NI Germany GmbH
	SAP AG
	Vision Components GmbH
	Slovenia
	Zavod Super Glavce
	DeweSoft d.o.o.
	EFAFLEX INŽENIRING, d.o.o., Ljubljana
	Epilog d.o.o.
	Halcom Group
	LEGAMA d.o.o.
	L-TEK d.o.o.
	Metrel d.d. Mint International House d.o.o
	ORO MET d.o.o.
	Plastika Skaza d.o.o.
	RLS Merilna tehnika d.o.o.
	Rotary Club Ljubljana Tivoli
	Yaskawa Slovenija d.o.o.
ion	South Africa
	Tshwane University of Technology Cape Town Science Centre
	KwaZulu Natal Science Centre

Nelson Mandela Metropolitan University SAP South Africa Sci-Bono Discovery Centre University of South Africa Spain

Fundación Scientia Fujistu-Magtel Fundación Princesa de Girona LEGO Education Robotix **ROTO Frank** Urbaser Sweden

FIRST Scandinavia The Norwegian Directorate for Education and Training The Norwegian Public Roads Administration Norwegian Research Council SKS Statoil Tekna - The Norwegian Society of Graduate Technical and Scientific Professionals Switzerland

HANDS on TECHNOLOGY e.V. Educated LEGO GmbH Mellowmessage GmbH Motorola Solutions Foundation NI Germany GmbH SAP AG Vision Components GmbH Taiwan K Kingdom Inc. Energizer Holdings, Inc. E Sun Robot Association

Microsoft Corporation National Science and Technology Museum NI

Thailand

Gammaco (Thailand) Co., Ltd. **Bechtel Group Foundation** CPRAM Co., Ltd. Lactasoy Co., Ltd.

Turkey

Bilim Kahramanlari Dernegi (Science Heroes Association) Abaliogl Allianz Borusan Bursa Teleferik Cocukus Damla Demirer Holding DEPARK (Dokuz Eylül Technology Development Zone) DRC FARPLAS Galeri Zilberman Gediz University

Hacettepe Technopark Schools Hacettepe University HDI Insurance Humanera (Transearch) **IBM** Corporation Incekara Holding Inci Aku Innova Ipragaz Istanbul Kultur University Koroplast The LEGO Group Limak Okan University Orta Anadolu Philips Prfit Promar Textiles **Ribatech** Textiles Social Innovation Center (SIM) Teknokta Uludag Robot Toplulugu Uludag University Ukraine Prolego Ltd. **LEGO** Foundation LEGO Ukraine LLC United Arab Emirates ATLAB Trading LLC Ministry of Education **United Kingdom & Ireland** The Institution of Engineering and Technology (United Kingdom & Ireland) American School in London **Bechtel Group Foundation Callington Space Centre** Caterpillar, Inc. CSC Dynamic Earth EESW **EPSRC Centre for Innovative Manufacture** in Intelligent Automation Ford, Dunton **Galway Education Centre** Gatwick Airport **Glasgow Science Centre** HP Labs IWM Duxford Lambdaiam Learn It Loughborough University Marden CLC NI OpenZone CLC Parkair Systems Perkins/Caterpillar, Inc Portsmouth University Queen Mary University London **BEACT** Foundation Royal Academy of Engineering SAP

STFC Daresbury Laboratory Teesside University University of Birmingham University of Bradford University of Brighton University of Coventry University of Kent University of Reading W/5 Wessex Setpoint Winchester Science Centre United States Adventist Robotics League North American Division Office of Education Adventist Health Sacramento Adventist Academy Southern Adventist University Walla Walla University School of Engineering Alabama Association for Unmanned Vehicle Systems International (AUVSI) FIRST Robotics Competition: Team 538 "The Dragonslayers" Team 3319 "G.R.E.A.T." Grissom High School Alaska Alaska Airlines Alaska Communications Alaska Development Corporation Anchorage School District BP Corporation North America, Inc. Fairbanks North Star School District GCI Juneau Economic Development Council Lower Kuskokwim School District University of Alaska Anchorage. School of Engineering University of Alaska Fairbanks, College of Engineering and Mines Arizona Arizona State University, Ira A. Fulton Schools of Engineering Cisco Systems, Inc. General Motors Desert Proving Ground Intel Corporation LEGO Foundation Time Warner Cable SRP Gary
and Diane Tooker Family Foundation Unruh Foundation Arkansas Arkansas State University Mountain Home Baxter Healthcare Corporation Don Tyson School of Innovation Harding Academy, Searcy Mountain Valley Spring Water The Science and Technology Group, Inc. University of Arkansas College of Engineering Washington Junior High California – Central **Clovis Unified School District**

Satrosphere

Sheffield Hallam University

Fig Garden Rotary Kettleman Hills Waste Management Anita Mefflev Visual Impact Technologies, Inc. California – Los Angeles **Girl Scouts of Greater Los Angeles** La Canada Unified School District Rockwell Collins, Inc. California – Northern Aragon High School Google.org Inderkum High School Intel Corporation Playing @ Learning Sobrato High School California - Southern/LEGOLAND® **LEGOLAND®** California SPAWAR Systems Center Pacific ViaSat, Inc. Colorado Arrow Electronics Broadband Video ColoradoGives.org **Computer Explorers** Denver Museum of Nature & Science Gates Corporation InterCall Lockheed Martin Corporation LunarG Nan Desu Kan Wade and Katherine Sutton Technetronic Solutions, Inc. Trace3 TerumboBCT United Launch Alliance (III A) U.S. Engineering Connecticut Buck Foundation **Dominion Millstone Power Station** Enfield School System FIRST Robotics Competition: Team 155 "The Technonuts" Team 173 "RAGE" Team 175 "BUZZ" Team 230 "GaelHawks" Team 236 "The Techno Ticks" Team 558 "Elm City Robo Squad" Team 1071 "Team Max" Greenwich Academy Ingenuity NE **LEGO** Corporation of America Northeast Utilities Foundation Pfizer Corporation Delaware **Delaware State University** The DuPont Chapter of Sigma Xi First State Robotics Honda Foundation Salem Community College Society of Women Engineers (SWE) United Way Florida – West Coast Doolittle Institute

Derrel's Mini Storage

Florida High Tech Corridor Hillsborough Community College Hillsborough Community College Foundation **IBM** Corporation Robbie Lee Illustrator Suncoast Credit Union Foundation TechPlayzone, Inc. University of South Florida Georgia The Boeing Company Georgia Tech Center for Education Integrating Science, Mathematics & Computing (CEISMC) Georgia Tech Research Institute (GTRI) Georgia Tech School of Electrical & Computer Engineering (ECE) Phillips 66 Shell Women in Electrical & Computer Engineering (WECE) Guam Andersen Middle School Guam Department of Education Micronesia Mall St. Paul Christian School SPAWAR Systems Center Pacific Hawai'i Bank of Hawaii Gray Hong Nojima & Associates Hagadone Printing Hawai'i Academy of Science Friends of Hawai'i Robotics Hawaiian Electric Company D R Horton KY International Oceanic Time Warner Cable R.M. Towill Corporation Royal Contracting Co., Ltd. S&M Sakamoto Xerox Hawai' Y Hata & Co Itd Idaho Ada County Extension Office Avista Foundation Boise State University College of Southern Idaho Girl Scouts of Eastern Washington & Northern Idaho Holy Family Catholic School Idaho 4-H Endowment Idaho Falls County Extension Office Idaho National Laboratory Idaho State University, College of Engineering Idaho State University, College of Technology Idaho State University, Electronics Department Idaho State University, Energy Systems Technology and Education Center Kendall Subaru of Idaho Micron Foundation M.J. Murdock Charitable Trust Nez Perce County Extension Office Open Lab Idaho Sandpoint High School

Starbucks Twin Falls County Extension Office University of Idaho, College of Agricultural & Life Sciences University of Idaho Support Services Washington County Extension Office Illinois 4-Sure Entertainment Baxter Bradley University Brickworld Caterpillar, Inc. CEFCU (Citizens Equity First Credit Union) Elgin Community College Five-Star Audio Visual Google.org Illinois Institute of Technology John Deere Monsanto Company Motorola Solutions Foundation Navistar Omron PTC, Inc. **RLC Sound & Lighting** Sonoscan, Inc Sports Awards Takeda University of Illinois, Chicago University of Illinois at Champaign Indiana 3M Company Amazon Brickworld Exelis Indiana University – Purdue University Fort Wayne (IPFW) Markeys Rental and Staging Purdue Polytechnic Columbus lowa Iowa State University College of Engineering John Deere Rockwell Collins, Inc. Kansas City Region Black & Veatch Burns and McDonnell Cerner DST Systems Garmin Google Fiber Honeywell Ewing Marion Kauffman Foundation KC STEM Alliance Science City - Union Station University of Missouri - Kansas City School of Computing and Engineering VMI Kansas – Liberal Golden Plains Credit Unior City of Liberal Kentucky Northern Kentucky University

I ouisiana

Chapte

American Petroleum Institute - Delta

Hon & Mrs Charles Cusimano II The Bruce J. Heim Foundation The Faculty, Staff and Students of Holy Cross Schoo Intralox Kentwood Water Murar Foundation, Inc NASA John C. Stennis Space Center Dr. Sanford Pailet The Schreier-Edisen Foundation Society of Petroleum Engineers - Delta Section Tulane University University of New Orleans Maine The Libra Foundation

Robotics Institute of Maine The University of Maine, College of Engineering Walmart Foundation

Marvland

BAE Systems Northrop Grumman Corporation Rockwell Collins, Inc

Massachusetts Ravtheon Company

Worcester Polytechnic Institute

Michigan

FCA Foundation FCA US LLC FIRST in Michigan Ford Motor Company **General Motors Corporation**

Minnesota **3M** Foundation

Boston Scientific Corporation H.B. Fuller Foundation Magenic Merchant & Gould

St. Jude Medical

Mississippi

Mississippi Power Education Foundation Tennessee Valley Athority (TVA) U.S. Army Engineer Research and Development Center

Missouri – Eastern MO – St. Louis

ABNA Engineering, Inc. Bishop DuBourg High School Black & Veatch Blue Valley CAPS School District **Camdenton School District** The Colletti Family Destination St. Louis The Doerr Family Emerson Employees Community Fund of The Boeing Company St. Louis Gateway to Innovation (G2I) Hazelwood School District LeAnn Heumphreus James Mulligan Printing Mercer MICDS

Missouri University of Science and Technology Partners for Progress of Great St. Charles County PTC Inc Qualcomm Incorporated RCGA Kathie Reuter Rockwell Automation, Inc. Bockwell Collins Inc **Bockwood School District Rolla School District** St. Charles Community College St. Louis Community College Foundation St. Louis Community College -Florissant Valley St. Louis Community College - Forest Park St. Louis Community College – Meramec St. Louis Community College – Wildwood St. Louis Convention & Visitors Commission Saint Louis Science Center Saint Louis University The Seeser Family Society of Manufacturing Engineers -Education Fund Southeast Missouri State University Smithville School District University City School District The Wolfe Family Missouri – Columbia Missouri 4-H Robotics

Missouri 4-H Center for Youth Development

Morenet MU College of Engineering MU College of Education

Montana

Advanced Electronic Designs

American Computer Museum

Billings Public Schools

ExxonMobil Foundation Montana State University - College of Engineering

Montana State University Office of the Provost

Montana Tech M.J. Murdock Charitable Trust Oracle Verizon Wireless

National Society of Black Engineers

National Society of Black Engineers Nebraska

Nebraska 4-H Foundation Time Warner Cable

University of Nebraska-Lincoln Extension

Nevada

FIRST Nevada Garfield Family IBM Software Group Knights of Pythias Micromanipulator, Carson City National Security Technologies, LLC

Partners for Community Inc. **Republic Services** Rich, Wightman & Company Society of Women Engineers (SWE)

New Hampshire **BAE Systems**

Nashua High School South

New Jersey - North County College of Morris Mount Olive Board of Education Picatinny Arsenal Siemens Diagnostics Products

New Mexico

Evalumation General Mills Albuquerque Plant Lockheed Martin/Sandia National Laboratories Northrop Grumman Corporation Office Depot/Office Max

OGB Millworks

New York – Finger Lakes University of Rochester

Valeant Weamans Xerox Corporation

New York – Long Island

Bank of America - Andy Margolin

Brookhaven National Laboratory Central Islip Public Schools

Connetquot School District

LEGO Education

Longwood Central School District

LuHi Summer Camp Programs

Mineola Public Schools

Karen Newman

Park Shore Country Day Camp

Plainview-Old Bethpage School District Sideboard Computers

Sir Speedy – Plainview

Jeffrey Stern, Attorney

Vera Bradley - Walt Whitman Mall

New York - Mid-Hudson IBM Corporation

Institute of Electrical and Electronics Engineers, Inc. (IEEE) Mid-Hudson Section

International FIRST LEGO League New York Tech Valley

New York – New York City ΔR

Bloomberg L.P. Consolidated Edison Company of New York, Inc.

Michael Dubno 🔺 People of Goldman Sachs and Friends Google.org Pershing Square Foundation Siegel Family Endowment Two Sigma Investments LP

New York – Potsdam

Adirondack Energy BAE Systems Clarkson University Connect a Million Minds™, an Initiative of Time Warner Cable

- National Grid
- Northern Machining
- PPC: A Belden Brand St. Lawrence-Lewis BOCES

U.S. Air Force

New York – Utica

Assured Information Systems (AIS) BAE Systems Carbone Auto Group The Community Foundation

- **Oneida-Herkimer Solid Waste Authority**
- Park Outdoor Advertising
- Small Business Development Center (SBDC)

SUNY Polytechnic Institute

North Carolina Duke Energy

North Carolina A&T University, College of Engineering

TE Connectivity

North Dakota

Advanced Engineering and Environmental Services, Inc. (AE2S)

Alerus Financial

Basin Electric Power Cooperative

- Bobcat Company Greater Grand Forks Convention and
- Visitors Bureau HB Sound & Light
- John Deere
- Minnkota Power Cooperative, Inc.
- Otter Tail Power Company
- Probitas Promotions
- **Retrax Retractable Bedliners**
- University of North Dakota College of Engineering and Mines

Whalen's Moving & Storage Ohio

- ASME Dayton Section The Ohio Educational Outreach Foundation Rockwell Automation, Inc.
- The Wright State University The Wright-Patterson Air Force Base Educational Outreach

Oklahoma

41

The Chickasaw Nation Oklahoma State University, College of Engineering, Architecture and Technology Oregon Bonneville Power Administration Electro Scientific Industries FFI Garmir Google Data Center Grants Fund of Tides Foundation IBM Cornoration Intel Corporation Masonic Lodge #110 Mentor Graphics **ONAMI & Business Oregon** PH Tech Bockwell Collins Inc. Timbercon

Vernier Software & Technology Pennsylvania - Northwest

Eriez Magnetics Little Caesars Penn State Behrend - Youth Education Outreach Office

Pennsylvania -

Southeast - Philadelphia Archbishop Wood High School **Central High School** Downingtown Area Robotics The Franklin Institute Girl Scouts of Eastern Pennsylvania Hatboro-Horsham School District The Haverford School Owen J. Boherts School District Patton Middle School The School District of Philadelphia Springside-Chestnut Hill Academy University of Pennsylvania - GRASP

Pennsvlvania – Southwest Central

Laboratory

CBM - Business Machines **Community Foundation for Alleghenies** Galliker Dairy Company Goodwill Industries of the Conemaugh Valley Greater Johnstown Career and Technology Center Lift Johnstowr Westmont Hilltop School District

Pennsvlvania – West

BrainSTEM Learning Carnegie Mellon's Robotics Academy NXT Innovations Robomatter, Inc

Puerto Rico

Chiquiespacio Clever Media First Tech Federal Credit Unior Holsum IR Sound Corp Liberty Cable

Toché DJ UGrad

Rhode Island

Active Data Solutions AIR 4-H All Saints STEAM Academy Bryant University/ RI NSF EPSCoR Dr. Edward A. Ricci Middle School Humanity Centered Robotics Initiative at Brown University laus, Inc Institute of Electrical and Electronics Engineers, Inc. (IEEE) Providence Section Kickemuit Middle School David Livingston Narragansett Pier Middle School National Grid Navy Federal Credit Union NF FIRST New England Institute of Technology Roger Williams University SAIC

Salve Regina University Textron Charitable Trust

South Carolina Grand Strand Technology Council LEGO Foundation Space Naval Warfare Systems Center

Atlantic South Dakota

Augustana University **Block Productions Creative Kindling** First Bank and Trust First Premier Bank Llovd Companies Sheldon F Reese Foundation Sioux Falls Public Schools South Dakota School of Mines and Technology South Dakota Space Grant Consortium

Fred and Mary Stahmann Family Fund of SFACE Tennessee - Fast

Oak Ridge Associated Universities Tennessee Tech University Tennessee Valley Authority (TVA) UT-Battelle

Tennessee - West Institute of Electrical and Electronic Engineers (IEEE) International Paper Tennessee Society of Professional

Engineers (TSPE) Tennessee Valley Authority (TVA)

University of Memphis Texas – Alamo/San Antonio

Akimeka CPS Energy Frost Bank Lockheed Martin Corporation Rackspace Hosting Time Warner Cable

Valero

Texas - Central/Austin Dell, Inc Freescale NI Panera Bread Co Penske Silicon Labs

Spansion Tokyo Electron

Texas – North/Dallas

ExxonMobil Corporation Lockheed Martin Corporation Perot Museum of Nature and Science Rockwell Collins, Inc.

Texas – South/Houston

University of Houston Texas – Southwest/El Paso ELPaso STEM Foundation

Ft. Bliss – Brigade Modernization Command (BMC)

Institute of Electrical and Electronics Engineers, Inc. (IEEE) EP Professional Section

Institute of Electrical and Electronics Engineers, Inc. (IEEE) RAS Student Chanter National Aeronautics and Space Administration (NASA)

NI

Utah Chevron Corporation Fidelity Investments IM Flash Technologies STEM Action Center Utah Educational Savings Plan Utah Valley University Verizon Virginia/DC Booz Allen Hamilton, Inc

Industrial Medium Software James Madison University College of Education College of Integrated Science and Technology College of Science and Mathematics School of Engineering Leidos Inc Rockwell Collins, Inc. SAIC The United States Patent and Trademark Office **Turning Points Software**

West Virginia

West Virginia Higher Education Policy

Commission, Division of Science and

Casper Area Convention and Visitors Bureau

Central Wyoming Board of Cooperative

Natrona County Recreational Joint Powers

Nobe, Inc. Screenprinting & Embroidery

Jubilee Center for Excellence in Education

Educational Services

Natrona County School District

Greiner Motor Company

King Hussein Foundation

ParMar Stores

Research

Wisconsin

Wyoming

City of Casper

Casper College

Board

Anita Pinkham

Pizza Hut

Yemen

Pepsi

West Virginia Space Grant

Rockwell Automation, Inc

1890 Incorporated Screenprinting

Thrasher

Cherie Bharti Fairmont State University, College of Science and Technology

NASA IV&V Robotics Alliance Project

Skillpoint STEM Council

2015-2016 Season FIRST Tech Challenge Sponsors Official Program Sponsor

Rockwell Collins

Official IoT. CAD and Collaboration Software Sponsor



Official Control System Sponsor

Top Team Sponsors

(10 or more teams in 2015-2016) Sponsors in this section are listed in descending order starting with the Sponsor of the highest number of teams PTC, Inc. John Deere Alcoa, Inc. The Boeing Company Rockwell Collins, Inc. DoD STEM University of Iowa Scale Up Qualcomm Incorporated Rockwell Automation, Inc. M.J. Murdock Charitable Trust **Oklahoma School District** United Technologies Corporation (UTC) The Dow Chemical Company Leidos, Inc. **TF** Connectivity Caterpillar, Inc. **Bechtel Group Foundation** United Therapeutics Corporation U.S. Embassy Grant

Tournament Sponsors

Australia **Bechtel Group Foundation** Ford Motor Company Grace Lutheran Google.org Macquarie University Canada

Alberta

Conseil scolaire Centre-Nord The Dow Chemical Company École Maurice-Lavallée FIRST Robotic Society Manseau Web IT Services Inc. Printing Impression & Graphics Inc. Studica

China

Beijing Ministry of Education The Boeing Company, China Caterpillar Foundation, China **Chongging University** PTC, Inc. Qinghua University Qualcomm Incorporated Shanghai Science and Technology Museum Shenzhen Museum of Science and Technology South China Institute of Technology Southeastern University Tongji University

Czech Republic

Avast NOEN PTC Academic Program Romania France Farnel Element 14 Fondation Partenariale Grenoble INP Fontaine

Grenoble INF Grenoble-Alpes Metropole

Grenoble INP - Alumni NI PTC. Inc.

Région Rhône Alpes Germany

Israel

Argosy Foundation

City of Hertzeliya

City of Ra'anana

Fundación Televisa

México (ITAM)

Rockwell Automation, Inc.

Secretaria de Economia

Netherlands

Fontys University

ASML

Kora

MuRata

PTC. Inc.

PlanoPlastics

Mexico

Heinz Nixdorf Museums Forum Paderborn Novelis Inc. PTC, Inc. India

Bechtel Group Foundation Caterpillar Foundation John Deere PTC, Inc. Techtronics Education (India) 1td

Technion - Institute of Technology

Fundación Azteca de Grupo Salinas

Instituto Tecnológico Autónoma de

Secretaria de Educacion Publica

Centro Nacional de Actualización Docente

New Zealand

ACG Strathallan Kiwi *FIRST*

Republic of Korea

The Electronic Times Embassy of Romania to the Republic of Korea Focus Tour Daegue FUNERS

Institute of Korean Electrical and **Electronics Engineers** Novelis Inc

Qualcomm Incorporated Sogang University UL

U.S. Embassy Seoul

Russia

Agency for Strategic Initiatives EN+ Group Fond "Volnoe Delo' GA7 Group The Ministry of Education and Science of Russia

South Africa

Benchoff South Africa Tshwane University of Technology Vega South Africa Vodacom SA Yokaqawa

Taiwan

K. Kingdom Inc. National Science and Technology Museum NI

United States

FIRST Tech Challenge Super-Regional National Sponsors Center for Energy Workforce Development (CEWD)

Rockwell Collins, Inc.

East Super-Regional Championship BW Tek

Center for Energy Workforce Development (CFWD)

Kerith Foundation Lockheed Martin Corporation

Rockwell Collins, Inc.

Verizon

North Super-Regional Championship Presented by Rockwell Collins. Inc. Center for Energy Workforce Development (CEWD)

Rockwell Collins, Inc. University of Iowa College of Engineering

South Super-Regional Championship Akimeka ARM Inc Accenture Federal Booz Allen Hamilton, Inc. Center for Energy Workforce Development (CEWD)

CPS Energy FIRST in Texas - Texas Workforce Commission Graebel Van Lines Hallmark University NI **Backsnace Hosting** SASTEMIC **Tesoro Corporation** Toyota Motor Manufacturing Texas University of Texas at San Antonio U.S. Air Force U.S. Navy Whataburger

West Super-Regional Championship Presented by Google.org

Center for Energy Workforce Development (CEWD) Google.org Playing @ Learning **Tesoro Corporation** Alaska Alaska Airlines Alaska Communications BP Corporation North America, Inc.

Conoco Phillips

GCI

Shell

Tesoro Corporation

University of Alaska Anchorage

University of Alaska Fairbanks Arizona

FIRST Robotics Competition Team 2486 "CocoNuts"

Northern Arizona University

FIRST Tech Challenge: Team 2944 "T-REX" & Sonoran Science Academy Team 3928 "AstroNuts" & Coconino High School Team 5132 "AHERT Ravens" & Menual School Team 5661 "EFHS Wolves" & Estrella Foothills High School Team 6526 "Purple Dragons" & Bioscience High School Team 8640 "Trojan Robotics" & Valley Christian High School

Arkansas

Arkansas FIRST Incorporated Entergy FIRST Robotics Competition Team 16 "Bomb Squad McDonald's: Mountain Home Mountain Home A & P Commission Mountain Home Public Schools Twin Lakes Community Foundation California, Los Angeles AIG

Alcoa, Inc. The Boeing Company Calls By Cloud Carmen Martinez-Realton deToledo High School Häagen-Dazs

Heritage High School, Perris Monrovia High School Monrovia Rotary Club Monrovia Schools Foundation Palm Desert High Schoo Palmdale Aerospace Academy Rockwell Collins, Inc. Techl K Thrifty Wash Valero Refinery Valusoft Cosmi Western Center Academy YUI A

California, Northern

Intel Corporation Oracle Playing @ Learning Qualcomm Incorporated

- Colorado Adams County School District
- Colorado Cotton Mine Colorado STEM Education **Douglas County School District** King Soopers LAUNCH 4 Education Liberty Common High School Mimi's Cafe Panera Bread Co **Resurrection Christian School Roaring Fork School District** Sam's Club Starbucks Walker Mowers Weld RE-4 District

Connecticut

Anonymous Barnet Associates LLC General Electric Company (GE) Greens Farms Academy Greenwich Academy Planet Pizza **Ridgefield Academy Ridgefield Screen Printing** Delaware

Aailent

Axalta Coating Systems **Delaware State University Delaware State University Foundation** DuPont First State Robotics Honda Foundation Verizon Florida Rockwell Collins, Inc. Tampa Bay Robotics Foundation, Inc.

Georgia

Alcoa, Inc. Cisco Systems, Inc. East Cobb Middle School Georgia FIRST Robotics Kennesaw State University Gray Hong Nojima & Associates Hagadone Printing Hawai'i Academy of Science Friends of Hawai'i Robotics State of Hawai'i Hawaiian Electric Company HFLL City of Honolulu D.R. Horton **KY** International Oceanic Time Warner Cable **R.M.** Towill Corporation Royal Contracting Co., Ltd. S&M Sakamoto University of Hawai'i Mānoa College of Engineering Xerox Hawai'i Y Hata & Co Itd Idaho Micron Foundation University of Idaho, College of Agricultural & Life Sciences Extension 4-H Illinois Baxter International Inc. Bradley University Caterpillar, Inc. CEFCU (Citizens Equity First Credit Union) Elgin Community College Five-Star Audio Visual Google.org Illinois Institute of Technology John Deere Monsanto Company Motorola Solutions Foundation Navistar Omron PTC, Inc. **RLC Sound & Lighting** Sonoscan, Inc. Takeda University of Illinois, Chicago University of Illinois, Urbana/Champaign Indiana Alcoa Foundation Caterpillar, Inc. E3 Robotics Center ETHOS Science Center FIRST Robotics Competition Team 1741 "Red Alert Robotics' Indiana Space Grant Consortium (INSGC)

Nucor Steel

lowa

John Deere

Purdue FIRST Programs

Engagement

Manufacturing

MidAmerican Energy

Rockwell Collins, Inc.

University of Iowa

The College of Engineering at the

Purdue University Provost Office of

Vincennes University - Jasper Campus

VUJC Center for Technology, Innovation &

Hawai'i

Kentucky AMTEC

Domtar National Aeronautics and Space Administration (NASA) - Kentucky Owensboro Community and Technical Colleae

Maryland

Bechtel Group Foundation Capitol Technology University Community Foundation of Howard County Maryland Governor's Office on Service and Volunteerism **Microsoft Corporation** Rockwell Collins, Inc. Universities Space Research Association LIPS

Massachusetts

Andover High School Arlington High School Beaver Country Day School Belmont Hill School Berkshire Community College Canton High School Deerfield Academy Gann Academy Lexington High School Marlborough High School Meadowbrook School Milton High School MIT Lincoln Laboratory Natick High School Needham High School St. Sebastian's High School University of New Hampshire, Manchester Walpole High School Westford Academy Wolfeboro High School Michigan Comau Consumers Energy DTE Energy Foundation Ford Motor Company General Electric Aviation General Motors Company Gorman's PTC, Inc. State of Michigan Dept. of Education Minnesota **Boston Scientific Corporation** MnDRIVE St. Jude Medical Foundation Seagate Stratasvs University of Minnesota College of Science and Engineering Mississippi Delta Health Alliance FedEx Corporation

Tennessee Valley Authority (TVA) University of Mississippi Center for Mathematics and Science Education University of Mississippi Provost Office

University of Mississippi School of Education University of Mississippi School of Engineering Missouri ABNA Engineering, Inc. APWA - American Public Works Association Bishop DuBoura High School Black & Veatch Blue Scone Burns & McDonnell Camdenton School District Cerner Destination St. Louis The Doerr Family DST Systems Emerson Employees Community Fund of The Boeing Company, St. Louis Garmir Gateway to Innovation (G2I) Girl Scouts of Eastern Missouri Honeywell International Inc. James Mulligan Printing KCPL Marion Kauffman Foundation Marvville Universitv Mercer Metropolitan Community College Business & Technology MICDS Missouri University of Science and Technology MRI Global Partners for Progress of Greater St. Charles Council Ranken Technical College Kathie Reuter **River City Robots Bockwood School District** Rolla School District St. Charles Community College St. Charles West High School St. Louis Community College Foundation St. Louis Community College – Florissant Valley St. Louis Community College – Forest Park St. Louis Community College – Meramec Campus St. Louis Convention & Visitors Commission St. Margaret of Scotland Southeast Missouri State University UMKC - School of Computing and Engineering University City School District U.S. Engineering VML The Wolfe Family Montana Advanced Electronic Designs American Computer Museum **Belgrade Public Schools** ExxonMobil Foundation

Montana Space Consortium

Montana State University - College of Engineering Montana State University - Office of the Provost Montana Tech Oracle Verizon Wireless Nebraska Nebraska 4-H Foundation University of Nebraska-Lincoln 4-H Extension University of Nebraska-Lincoln College of Engineering Nevada Argosy Foundation Best Buy Co., Inc. CGI, Inc. Clark County School District Coral Academy of Sciences High School FIRST Nevada Dolan Automotive Community Center Partners for Community Inc. Reed High School University of Nevada Las Vegas University of Nevada Reno New Jersey BAE Systems PSEG Foundation New York – Excelsior Applied Concepts, Inc. Bowers & Company Byrne Dairy, Inc. The Community Foundation Covey Media Inc. The M & T Charitable Foundation NBT Bank William G. Pomeroy Foundation Svracuse University Tessy Plastics New York – Hudson Vallev The Albany Academies General Electric Company (GE) Kennedy Catholic High School Red Hook High School Yonkers Riverside High School AB AT&T Bloomberg L.P.

Tesoro Corporation URS Engineering Ohio

Pace University Athletics Department Seidenberg School of Computer Science and Information Systems at Pace University

New York - New York City

Consolidated Edison Company of New York, Inc. Michael Dubno 🔺 Goldman Sachs Group, Inc. Google.org Pershing Square Foundation Siegel Family Endowment Two Sigma Investments LP North Carolina Cisco Systems, Inc. Duke Energy

North Carolina A&T State University Shell Foundation TF Connectivity North Dakota **AE2S Engineering** Bartlett and Engineering Bismarck Bombshellz Roller Derby Team Bismarck Public Schools Career Academy **Bismarck State College** Bobcat/Doosan Edling Electric Gateway to Science **KLJ** Engineering Mandan Public Schools **Missouri River Education Cooperative** Succeed 2020 Grant NISC North Dakota Career and Technology Education Department North Dakota Department of Transportation Engineers North Dakota State Engineering Department North Dakota State Water Commission Swenson and Hagen Engineering Tait Engineering

Lockheed Martin Corporation

Worley/Parsons Best Buy Co Inc. Cincinnati Bell Duke Energy

Great Oaks Institute of Technology and **Career Development** iSPACE. Inc **Rockwell Automation**, Inc. Toyota Motor Engineering & Manufacturing North America

Woodward Trust

Oklahoma

National Aeronautics and Space Administration (NASA Southwestern Oklahoma State University Southwestern Oklahoma State University Foundation Weatherford Oklahoma City Council (Hotel Motel Commission) Oregon Bonneville Power Administration

C.M. Capital Foundation **Electro Scientific Industries** FEI First Tech Federal Credit Union Garmin AT Google.org / Tides Foundation **IBM** Corporation Intel Foundation Masonic Lodge #110 **ONAMI & Business Oregon Oregon Community Foundation Oregon International Air Show** Performance Health Technologies Rockwell Collins, Inc.

Saint Paul Foundation Schwab Charitable Fund Spark Technology Education Tektronix Timbercon Vernier Software & Technology Pennsylvania Alcoa, Inc. Bible Baptist Church BW Tek California University of Pennsylvania Central High School CMU National Robotics Engineering Center Dallastown Intermediate School Emmaus High School Freire Charter High School **Google Community Foundation** Harrisburg High School Kerith Foundation Lockheed Martin Corporation Millersville University Montgomery County Community College Mt. St. Joseph Academy N-Tech Systems, Inc. Oxford Area High School Pennsylvania State University - Great Vallev Pennsylvania State University - York Peters Township Middle School Shady Side Academy TCHS-Brandywine Temple University University of Scranton Westinghouse Electric Company Wissahickon High School Wissahickon Middle School Rhode Island New England Institute of Technology Providence Engineering Society Texas – Alamo Akimeka CPS Energy FIRST in Texas - Texas Workforce Commission Rackspace Hosting SASTEMIC Tesoro Corporation Toyota Motor Manufacturing Texas U.S. Air Force U.S. Navy Texas – Arlington SIM-DFW (Society for Information Management – DFW) Bockwell Collins Inc. University of Texas at Arlington College of Engineering Texas – Houston Dickinson High School The Dow Chemical Company

Hamshire Fannett ISD

Jacobs Engineering

Harmony Science Academy

Hoga Middle School, HISD

NRG Energy, Inc. San Jacinto College **Texas Workforce Commission**

Texas – Lubbock ASME - Petroleum Division

Frenship High School

Texas Tech University Edward E. Whitacre Jr. College of Engineering

Texas Tech University Equity & Community Engagement Division of Institutional Diversity

Texas Tech University Office of the President

Texas Tech University Office of the Provost

Utah

Hill Air Force Base STEM

Carl D. Perkins Grants

Southern Utah University's Walter Maxwell Gibson College of Science & Engineering

STEM Action Center

Weber State University College of Engineering, Applied Science & Technology

Vermont University of Vermont

Virginia Actobotics **Battlefield High School Bechtel Group Foundation Capital One Foundation** CapTech **Consol Energy** CSC Deep Run High School Dominion Resources **GE** Volunteer Foundation GFICO **Genworth Foundation** In Source James Monroe High School Lindner Foundation Lockheed Martin Undersea Systems Mazda Foundation Micron Foundation Newport News Shipbuilding Norfolk State University Northrop Grumman Corporation Orange County High School PTC, Inc. Qualcomm Incorporated Rockwell Collins, Inc. Southwest Virginia Community College SPAWAR STARS T-Cup Terra Tech Engineering Services Traditional Screenprinting Two-Way Radio **U.S. STEM Foundation** University of Virginia School of Engineering VCU School of Engineering Wisconsin Rockwell Automation, Inc.

University of Wisconsin - Milwaukee College of Engineering & Applied Science

Wyoming

1890 Incorporated Apparel, Screenprinting and Embroidery Casper Area Convention and Visitors Bureau **Casper College** Central Wyoming BOCES ConocoPhillips Natrona County School District Natrona County School District #1 Pepsi Qdoba Mexican Eats

A list of FIRST Tech Challenge Team Sponsors is available online at www.firstinspires.org/ robotics/ftc/team-sponsors

2016 FIRST Robotics **Competition Sponsors** Kickoff Sponsors







Suppliers Crown Suppliers

3M Company AndyMark, Inc. Bimba Manufacturing CTR Electronics FedEx Corporation Gates Corporation iqus® Inc. Innovation First International Microsoft Corporation NI Philips Lighting PTC, Inc Rockwell Automation, Inc. SolidWorks

45

UL **Diamond Suppliers**

Analog Devices, Inc. Autodesk, Inc. Bishop-Wisecarver Group BURNDY® LLC EnerSys Festo GitHub, Inc Grainger WPI **Gold Suppliers**

AutomationDirect.com **Digi-Key Electronics** ebm-papst Inc. Fluke Corporation IMI Precision Engineering/Norgren Inventables MaxBotix Inc. Novelis Inc **Open Mesh Networks** Parker Hannifin Corporation **REV Robotics** Ruland Manufacturing Co., Inc. SMC SolidProfessor Tableau Software **TE Connectivity** Vulcan Spring & Mfg. Co. Walt Disney Parks and Resorts Wolfram Research Silver Suppliers 16 Hertz LLC Altium Anderson Power Products® **Clippard Instrument Laboratory** DENSO/ASMO Eaton - Bussmann Division ECIA Freelin-Wade Kent Elastomer Products, Inc. Next Gen Robots, LLC RoboRealm, LLC Sapa Extrusions North America Snap Action, Inc. Texas Instruments TransCOR Information Technologies WestCoast Products Xilinx **Bronze Suppliers** American Button Machines AMS Robotics Belden Inc Bivar Bosch Coilcraft Inc.

CollabNet Comcast NBCUniversal Covestro LLC (Formerly Bayer MaterialScience CUI Inc.

Delphi Automotive PLC **Diamond Technologies** Haydon Kerk Motion Products, Inc. Hitec RCD USA Honeywell Sensing & Productivity Solutions **HPE** Automation Kepware Technologies Law Logistics Littelfuse, Inc Maxim Integrated Modulus Mouser Electronics, Inc. NASON NXP Semiconductors PHD Inc. The Siemon Company Triangle Mfg. Wago Corporation Wurth Electronics Midcom Inc.

Cvpress

Top Team Sponsors

(20 or more teams in 2016) Sponsors in this section are listed in descending order starting with the Sponsor of the highest number of teams. The Boeing Company DoD STEM FIRST Robotics Competition Rookie Grant National Aeronautics and Space Administration (NASA) United Technologies Corporation (UTC) PTC, Inc. General Motors Company FIRST Robotics Competition Hardship Grant Qualcomm Incorporated Medtronic Foundation BAE Systems Hawaii Brin Wojcicki Foundation Leidos, Inc. Comcast NBCUniversal Argosy Foundation Rockwell Automation, Inc. Caternillar Inc. **Boston Scientific Corporation** Booz Allen Hamilton, Inc. **Bechtel Group Foundation** Apple The Dow Chemical Company John Deere **Picatinny Arsenal** Bosch Lockheed Martin Corporation Monsanto Company Pentair Foundation Walt Disney Imagineering Abbott Fund NRG Energy, Inc. GE Healthcare Google.org United Therapeutics Corporation TE Connectivity

Ravtheon Company Motorola Solutions Foundation GE Energy

Event Sponsors

Alamo Regional Akimeka ARM Inc. Booz Allen Hamilton, Inc **CPS** Energy Elevate Systems Engineering and Construction Contracting Association IBEW Local Union No. 60 Rackspace SASTEMIC Tesoro Corporation Texas Disposal Systems U.S. Air Force U.S. Army ROTC UTSA Engineering Whataburger

Arizona North Regional

Avnet Avnet United Way Donations Craig and Barbara Barrett Foundation **Bechtel Corporation** The Boeing Company Microchip Employees United Way Donations Microchip Technology, Inc. Northern Arizona University ON Semiconductor Sanghi Family Foundation Wells Fargo & Company Wishes in Stitches Embroidery Arizona West Regional

Avnet

Avnet United Way Donations **Bechtel Corporation** The Boeing Company Craig and Barbara Barrett Foundation Grand Canyon University **Microchip Employees United Way Donations** Microchip Technology, Inc. ON Semiconductor Sanghi Family Foundation Wells Fargo & Company Wishes in Stitches Embroidery

Arkansas Rock City Regional

Arkansas State Fairgrounds Baxter International, Inc. **B**vlites The Coca-Cola Company **Geisler Family Trust** Harding Center for Distance Education in Bible and Ministry Little Rock Convention and Visitors Bureau Novak Technical Services, LLC Australia Regional ∆arNet AndyMark, Inc.

BAE Systems Blackbird Ventures The Boeing Company Ford Motor Company Google.org LEGO Education Macquarie ICT Innovations Center Macquarie University Manton Sea and Air NI Optus Rockwell Automation, Inc. Salesforce.org **Bayou Regional** Dr. & Mrs. Nick Altiero Amazon Smile Anonymous API The Dow Chemical Company Entergy FIRST Louisiana-Mississippi The Bruce J. Heim Foundation Infinity Science Center Intralox Jefferson Parish Convention and Visitors Bureau Kirkendoll Management Leidos Inc The Louisiana Bar Association SPF U.S. Army ROTC U.S. Navy **Buckeye Regional**

Cleveland State University - Washkewicz

College of Engineering **Delphi Foundation** NASA Glenn Research Center Nordson Corporation **Ohio Aerospace Institute** Paragon TEC Parker Hannifin Corporation The Plain Deale RPM Rockwell Automation, Inc. SGT Sierra Lobo U.S. Air Force Zin Technologies **Central Illinois Regional** Baxter International, Inc. Bradley University Caterpillar, Inc.

CEFCU (Citizens Equity First Credit Union)

Elgin Community College

Illinois Institute of Technology

Motorola Solutions Foundation

Five-Star Audio Visual

Monsanto Company

Google.org

John Deere

Cleveland Indians

Navistar Omron PTC, Inc. **RLC Sound & Lighting** Sonoscan, Inc. Takeda University of Illinois, Chicago University of Illinois, Urbana/Champaign

Central Valley Regional

Alan Mok Engineering Arkinson, Andelson, Loya, Ruud & Romo Barrows Training & Education Physical Therapy Carles & Georgia Beckett B-K Lighting **Cal-Tropic Producers** Darden Architects **Discount Auto** Extended Learning, Inc. Gail Tesei, Inc. Going Nuts, Inc Google.org Illuminate Education, Inc. JBT Food Tech Madera Family Medical Group Madera Produce Madera Unified School District Mangini Associates, Inc. Midland Tractor Pape Truck Leasing PTC, Inc. **RMA GeoScience** SIM Architects Diane Skouruprich Westside Equipment Company **Dallas Regional**

Cisco Systems, Inc. Flowserve Goldman Sachs Group, Inc Irving Convention & Visitors Bureau Mouser Electronics, Inc. NCB Tarrant County College Texas Instruments

Festival de Robotique FIRST **Robotics Competition à Montreal** Regional

Armtex Banque Nationale La Famille Beaudoin BMO Bombardier Brault & Bouthillier Éducation RRF CΔF Can-am Centre des sciences CGI, Inc. C. IECN Commission scolaire Beauce-Etchemin Commission scolaire de la Pointe-de-l'Île

Commission scolaire de Montréal Commission scolaire des Premières-Seigneuries **Commission scolaire English-Montreal** Commission scolaire Lester-B.-Pearson Commission scolaire Marie-Victorin Commission scolaire Région de Sherbrooke CSC École de Technologie Supérieure École des métiers de l'aérospatiale de Montréal Économie, Science et Innovation - Québec Emplois Compétences FIRST Canada Fondation Azrieli Fondation J. Armand Bombardier Fonds de bienfaisance des employés de Montréal - Bombardier Aéronautique Fonds de recherche, Nature et technologies - Québec Future Electronics Google.org HFC Montréal Héroux Devtek Hewitt Hydro Québec M.I. Integration Manac La Famille Ménard Ville de Montréal Morguard Investment Ordre des ingénieurs du Québec Polytechnique de Montréal Power Corporation du Canada Pratt & Whitney Canada Quartier de l'Innovation de Montréal Province de Québec Ville de Québec Réseau Réussite Montréal Solotech Stade Uninrix Strudes LIBS Université Concordia Université de Montréal Université de Sherbrooke Université du Québec à Montréal Université du Québec à Rimouski Université du Québec en Abitibi-Témiscamingue Université Laval Université McGill Vigilant Global WSP **Finger Lakes Regional**

Bausch + Lomb/Valeant Pharmaceuticals **Corning Incorporated** County of Monroe Industrial Development Agency **Custom Courier Solutions** Democrat & Chronicle Eastman Kodak Company

Mark Enzien **FSI** Charitable Foundation The Gleason Works Cindee Gray Harris Corporation, RF Communications Division Ronald Iannucci Novelis Inc. Glen Pearson William Pollock PTC Inc Rochester Business Journal Rochester Institute of Technology Rochester Regional Health System U.S. Armv Xerox Corporation Ronald Zarrella FIRST Chesapeake District Championship Sponsored by Booz Allen Hamilton, Inc. Accenture AmeriCorps Andersen Foundation Anton Paar ASRC Federal Space and Defense **Bechtel Group Foundation** Edward T. Bedford Foundation BluePrint Automation Booz Allen Hamilton, Inc. **Brookfield Foundation** Canon Virginia, Inc. Capital One Capital One Bank - New Product Innovation **CapTech Ventures** Cedar Street Trust Crabtree and Company CSC Marie G. Dennett Foundation Dominion Resources DuPont **ECPI University GE Volunteer Foundation** GEICO Genworth Foundation Harris Corporation InSource Solutions INSPR Media Jackson Foundation Jen Scharl Design and Photography Jewett Machine Leidos, Inc. Lindner Family Foundation Lockheed Martin Underseas Systems Mazda Foundation Micron Mary Morton Parsons Foundation National Aeronautics and Space Administration (NASA) Newport News Shipbuilding/Huntington Ingalls Industries Northpoint Graphic Studios

Northrop Grumman Corporation

Orbital ATK. Inc. Pauley Family Foundation ProSport CPA Qualcomm Incorporated RichTech Rockwell Collins, Inc. Rolls-Royce Science Matters/WCVE Showbest Fixture Corporation Spawar Systems Center Pacific Stihl Towne Bank U.S. Army USRA VCU School of Engineering Veritas Xfinity Center, University of Maryland YMCA of Metropolitan Washington

FIRST Oregon

Autodesk, Inc. RΡΔ Cascade Microtech, Inc. Daimler First Tech Federal Credit Union FLIR Systems, Inc. Lam Research Mentor Graphics Microchip Puppet Labs Tripwire

Greater Pittsburgh Regional

Apple California University of Pennsylvania Comcast NBCUniversal Google.org The Heinz Endowments

Greater Toronto Central & East Regionals

AndvMark, Inc. Argosy Foundation Balluff Bruce Power Centerline Windsor Limited The Dow Chemical Company Durham College FedNor GM Canada Hatch HP Lakeside Process Controls Little Electric Inc. Magna MNP Nipissing University OACETT Ontario Ministry of Education **Ontario Power Generation** Power Workers' Union Pratt & Whitney Canada Qualcomm Incorporated

RBC Wealth Management Redpath Rockwell Automation, Inc. Ryerson University St. Clair College Scotia Bank Siemens Corporation SYNNEX Canada тммс Union Gas University of Ontario Institute of Technology University of Toronto University of Waterloo University of Windsor Valiant VFX Pro Xerox Corporation Hawai'i Regional Sponsored by **BAE Systems BAE Systems** Booz Allen Hamilton, Inc. Monsanto Company **Hub City Regional** CH Foundation Monsanto Fund Texas Tech University

Idaho Regional

Visit Lubbock

J.A. & Katherine Albertson's Foundation

Boise State College of Engineering ΗР Jeker Family Trust **Micron Foundation** Jav & Debra Platt Plexus **Power Engineers** STEM Action Center STEMBus USA Trailers Plus Indiana *FIRST* Sponsors

80/20 Inc. Allfuses com Allied Automation AndyMark, Inc. Barnes & Thornburg, LLP Bright House Networks The Dow Chemical Company Fastenal University of Indianapolis MTD Products Rare Bird Inc. Rolls-Royce Salesforce.org SEP TechPoint Foundation for Youth Indiana FIRST Robotics Competition District State Championship 80/20 Inc. Ameriprise Financial AndvMark, Inc.

B & D Mfg., Inc. Bucheri, McCarty & Metz, LLP Coca-Cola Bottling Co. Community First Bank of Indiana Community Foundation of Howard County Delphi Automotive PLC Dow ArgoSciences LLC Echelbarger Precision Machining Fastenal Company Frito-Lav Heritage Lanes Howard County Indiana University, Kokomo Ivy Tech Community College Kokomo School Corporation Meyer Plastics, Inc. Ravtheon Company Rolls-Royce Rotary Club of Kokomo SEP St. Vincent University of Indianapolis Walmart Perry Meridian FIRST Robotics **District Competition** 80/20 Inc. Barnes & Thornburg, LLP Cargill, Inc.

The Dow Chemical Company Fastenal Company Perry Meridian High School Raytheon Company Rolls-Royce SEP University of Indianapolis Tippecanoe FIRST Robotics District Competition 80/20 Inc. Arni's Cook Medical Delphi Foundation The Dow Chemical Company Fastenal Company Novelis Inc. Purdue FIRST Rolls-Rovce SFP Subway Tippecanoe School Corporation Walker Warren FIRST Robotics **District Competition** 80/20 Inc. Barnes & Thornburg, LLP

Cargill, Inc. The Dow Chemical Company Fastenal Company Raytheon Company Rolls-Royce SEP University of Indianapolis Walker Career Center Warren Central High School

Iowa Regional

Accurate Gear Cedar Falls Tourism Bureau Dan Deery Toyota DaDaLeLe Company Denso DISTek Freestyle Productions Genesis Greater Cedar Valley Alliance and Chamber **Guernsey Foundation** John Deere McElroy Trust MidAmerican Energy Monsanto Company PTC, Inc. Scheels University of Northern Iowa Viking Pump **Israel Regional** ADP **Bialkin Family Foundation Bostock Family Foundation** Check Point The Leon and Toby Cooperman Foundation **Drexler Family Foundation** Mitzi and Warren Eisenberg Family Foundation Bernard M. Flvnn Victor Ganzi Paula Gottesman Jewish Federation of Greater Metrowest NJ Bernard and Carol Kossar Foundation Inc. Mutual of America Parasol Foundation Arnold S. Penner Foundation, Inc. Qualcomm Incorporated Gerard R. Roche **Ryan Family Foundation** John Schreiber Neal Shapiro and Hyunju Chang Paul Silberberg Stephen J. Squeri Technion – Israel Institute of Technology City of Tel Aviv Frank & Marguerite Walter Lake Superior Regional Anonymous

Archer Racing Accessories Arrowhead Concrete Works, Inc. Barr Engineering Canal Park Business Association (CPBA) Cirrus Aircraft **Cliffs Foundation** Consolidated Communications Inc. Duluth Entertainment and Conference Center Chris and Jay Dillon Dunwoody College of Technology Edgewater Hotel FIRST Robotics Competition Team 3132 "Thunder Down Under

Freestyle Productions Genesis Grandma's Adventure Zone Hartel's/DBJ Garbage Disposal and Recycling IBM Corporation Inn on Lake Superior Involta Itasca Community College Jamar Joy Global Inc. Kraus-Anderson Construction Lamar LHB Foundation Fund Microsoft Corporation Minnesota Power Foundation Northland Foundation Pentair Foundation Plexus Republic Bank St Luke's Saturn Systems Software Engineering Super One Foods Target United Health Group University of Minnesota - Duluth U. S. Air Force Visit Duluth

Las Vegas Regional

Albertsons Amazon Smile Argosy Foundation **Best Buy Foundation** Boys & Girls Club of Truckee Meadows Carson Aviation Academy, KCXP Carson City CGI, Inc. **Chevenne High School** Cimarron-Memorial High School Cirque du Soleil Clark High School Nelson & Maria Cochrane Coral Academy of Science High School Cox Communications CSN **Clark County School District Dolan Automotive Community Center** Eagle Valley Middle School Sheldon (Shelly) & Rochelle Freid GE Oil & Gas Home Depot H. & J. Hoppert iD Tech Jensen MetalTech Jo Mackey Magnet School Las Vegas Convention and Visitors Authority Local Motors Lockheed Martin Corporation Paul & Mavis MacDowell MGM Resorts National Broadband Services National Security Technologies, LLC

The Nevada Prepaid Tuition Program Northwest Career and Technical Academy Partners for Community Inc. PBG Associates LLC Pine Middle School Steve & Susan Philpott Clifford & Marilyn Quick **Raytheon Company** Rich, Wightman & Company Shenzhen Dadalele Culture Communication Co., LTD Smith's Food & Drug Solotech Stanley Black & Decker, Inc. State Farm Ryan & Kate Timmers Tronox LLC UNLV UNR West Career and Technical Academy Kim Womack

Lone Star Regional

American Society of Mechanical Engineer (ASME) **Bechtel Group Foundation** BP Corporation North America, Inc. CenterPoint Energy ExxonMobil Corporation General Electric Company (GE) **Greater Texas Foundation** Jacobs Technology, Inc. LINN Energy, LLC The Williams Companies, Inc.

Los Angeles Regional

Bancroft-Clair Foundation Cooler Master GSD&M Idea City/U.S. Air Force Northrop Grumman Corporation Gerald Oppenheimer Family Foundation **Raytheon Company** SpaceX **Tesoro Foundation**

Mexico Regional

Fundación Azteca de Grupo Salinas General Motors Mexico Ignacio & Barbara Navarro Instituto Tecnológico Autónomo de México (ITAM) Instituto Tecnológico y de Estudios Superiores de Monterrey MET MEX Peñoles Promedici, SA de CV Qúalitas Compañía de Seguros Secretaria de Economia Secretaria de Educación Pública Michigan FIRST Sponsors AndvMark, Inc. Bosch

Castaing Family Foundation Comau Consumers Energy

	Deloitte
,	Delphi Foundation
	Detroit Hispanic Development Corporation
	The Dow Chemical Company
	DTE Energy Foundation
	Dura Automotive Systems
	FCA Foundation
	Ford Motor Company
	General Cable
n	General Motors Company
	General Motors Foundation
	Gorman's
	Ideal Group
	Kendall Electric
	Kettering University
	LEX
	State of Michigan
	PTC, Inc.
	The Robot Garage
	TARDEC
	Toyota
	University of Michigan
S	Whirlpool Corporation
	Michigan <i>FIRST</i> Robotics
	Competition District State Championship
	A Dream Limousine and Sedan
	Allegra Networks
	American Society for Engineering Education (ASEE)
	American Waste
	AndyMark, Inc.
	Atomic Object, LLC
	Autodesk, Inc.
	Automation Federation/ISA
	Bays de Noc Visitors Convention and Visitors' Bureau
	Bedford Public Schools
	Bink's Distributing
	Blarney Castle Oil Company
	Bluewater Technologies
	Bosch
	Boys & Girls Clubs of America
	Castaing Family Foundation
	Chevron Corporation
	The Coca-Cola Company
	Comau Coma Drive Coording Colutions
	Cone Drive Gearing Solutions
	Consumers Energy
	Culver's
	Dadara Dart
	Delat Chamber of Commerce
	Delphi Foundation
	Disher Design & Development The Dow Chemical Company
	DTE Energy
	Dura Automotive Systems

Eastman & Smith Ltd.

EMP Powering the Future

Empirical Solutions Corporation

Fiat Chrysler Automobiles Flexco/Clipper Belt Lacer Ford Motor Company **GE** Aviation Systems General Motors Company **General Motors Foundation Gentex Corporation** Girl Scouts of the USA Grand Traverse Band of Ottawa & Chippewa Indians Grand Valley State University Gull Lake Community Schools Foundation Gull Lake View Golf Club & Resorts Haworth Inc. Helena Chemical Co. Home Depot J.C. Huizenga Independent Bank Ingham Intermediate School District Jackson National Community Fund Jimmy John's Kendall Electric Kettering University Lacks Enterprises Inc. David & Robin Leclero LECO Delivering the Right Results Livonia Public Schools Wendy Ljungren Magliner MCM Electric Company Michigan Works Michigan's Best Entertainment Midland Public Schools Mid-Michigan Limousine MIT Alumni Association Charles Stewart Mott Foundation Stat EMS National 4-H Council National Center for Women & Information Technology (NCWIT) National Parent Teacher Association (PTA) National Robotics Week NK Electric NN, Inc. North Flight EMS Opti Temp Inc. Pacinos Food and Spirits Parker Hannifin Corporation Pensi **Pioneer Construction Renaissance Unity** Roman Manufacturing **Roush Industries** Schoolcraft College Sebastian Foundation Society of Cable Telecommunications Engineers (SCTE) Society of Hispanic Professional Engineers (SHPF) Society of Women Engineers (SWE) St. Joseph Lions Club **TBA ISD Career Tech Center**

TC Controls, LLC

Tovota TPC Technologies, Inc. TPI - Total Plastics Inc. Trantek Automation Corporation Traverse City Area Public Schools TRW UI Valley Electrical Contractors Waterford School District Whirlpool Corporation Wolverine Coil Springs Co. Yale Science & Engineering Alumni

Mid-Atlantic Robotics FIRST **Robotics Competition Region** Championship

ADP at the request of Josh Weston Bloomberg L.P. Bristol Myers Squibb Comcast NBCUniversal The Dow Chemical Foundation DuPont Johnson & Johnson Mercury Systems NJ Manufacturers Novartis Foundation Picatinny Arsenal **TE Connectivity** Jim • & Nancy Utaski TE Connectivity Friends of Jim • & Nancy Utaski Verizon Employee Foundation

Midwest Regional

Baxter International, Inc. Bradley University Caternillar Inc CEFCU (Citizens Equity First Credit Union) Elgin Community College Five-Star Audio Visual Google.org Illinois Institute of Technology John Deere Monsanto Company Motorola Solutions Foundation Navistar Omron PTC, Inc. **RLC Sound & Lighting** Sonoscan, Inc. Takeda University of Illinois, Chicago University of Illinois, Urbana/Champaign Minnesota 10.000 Lakes & North Star Regionals

3Mgives Katie Bach - Medtronic Your Cause 🚸 **Boston Scientific Corporation** Dunwoody College of Technology Freestyle Productions Medtronic Foundation Minnesota State High School League

Pentair Foundation PTC, Inc. Target University of Minnesota College of Science and Engineering **New England District** Accumetrics, Inc. Analog Devices, Inc. **Argosy Foundation BAE Systems** Booz Allen Hamilton, Inc. **Boston Scientific Corporation** ebm-papst Inc. Fidelity Investments General Dynamics EB Google.org National Grid PCLB Foundation Pfizer Corporation Pitney Bowes PTC, Inc. Sanghi Family Foundation Town of Saugus Textron Travelers United Technologies Corporation (UTC) United Way of Central Connecticut WPI New York City Regional ΔR AT&T Blackrock Bloomberg L.P. Andrew Brandman BTIG Diane Chesnut James Clark Lawrence Cohen Comcast NBCUniversal Consolidated Edison Company of

New York, Inc. Kristen Couchot Credit Suisse (USA), Inc. **CSC** Charitable Foundation Cush Jumbo Griffin Datapipe Peter Desmond Siri Dougherty Michael Dubno 🔺 Donald Duet Mary Beth Falla Grant Fitz Adam Flatto Timothy & Catherine J. Foley Vincent A. Forlenza Ashley Gagner Bruce Gitlin Goldman Sachs and Friends Google.org Christopher & Theresa Greene Glenn Gribble

Gregory & Kathleen Harper Karl Hinrichs Roy Joseph Mary King Adam Korn Jason Lee Pablo Legorreta Hungdan Ly Joseph Mancini, Jr. Marla Maples Anthony McCarthy Jo Natauri NRG Energy, Inc. Hutham Olayan The Pershing Square Foundation Bre Pettis Aaron Pickering Tom Polen Carol Roaman Clyde Rodriguez Alexander J. Roepers Foundation Tami Rosen Adam Salem Joel Sassa Siegel Family Endowment Karine Sogomonian Mark Spallucci State Street Foundation Damian Sutcliffe Harit Talwar Dean Theodos Tudor Investment Corp. Two Sigma Investments U.S. Army Philip Venables Christopher Virtuoso Alexander Von Perfall Mary West Josh 🔺 & Judy Weston Family Foundation Elisha and Lynn Wiesel Charitable Fund Kenneth Zolot New York Tech Valley Regional Accumetra, LLC Applied Materials ASML Edwards Vacuum General Electric Company (GE) GlobalFoundries KLA Tencor Lam Research M+W US, Inc. Mattson Technology National Aeronautics and Space

Administration (NASA)

Screen Semiconductor Solutions

Turner Construction Company

National Grid

Nfrastructure

PDF Solutions, Inc.

Wonik IPS USA

North Bay Regional

AndyMark, Inc. Argosy Foundation Balluff Bruce Power Centerline Windsor Limited Christie The Dow Chemical Company Durham College FedNor GM Canada Hatch ΗP Lakeside Process Controls Little Electric Inc Magna MNP Nipissing University OACETT Ontario Ministry of Education Ontario Power Generation Power Workers' Union Pratt & Whitney Canada Qualcomm Incorporated **RBC** Wealth Management Redpath Rockwell Automation, Inc Rverson University St. Clair College Scotia Bank Siemens Corporation SYNNEX Canada тммс Union Gas University of Ontario Institute of Technology University of Toronto University of Waterloo University of Windson Valiant VEX Pro Xerox Corporation North Carolina District Analog Devices, Inc. Argosy Foundation Bosch Rexroth AG

Cisco Systems, Inc.

Duke Energy

Eclectech, Inc.

Fuentec

Google.org

Extreme Networks

Fidelity Investments

John & Jane Hardir

IBM Cornoration

Kuraray Co., Ltd.

MacCord Mason

PPG Foundation

MetLife Foundation

Credit Suisse (USA), Inc.

Alfred B. & Marybeth B. Childers Gateway University Research Park

Sigma Xi **TE Connectivity** U.S. Air Force Time Warner Cable United Technologies Corporation (UTC) Volvo Group North America Northern Lights Regional Anonymous Archer Racing Accessories Arrowhead Concrete Works Inc Barr Engineering Canal Park Business Association (CPBA) Cirrus Aircraft **Cliffs Foundation** Consolidated Communications Inc. Chris & Jay Dillon **Duluth Entertainment and Conference Center** Dunwoody College of Technology Edgewater Hotel FIRST Robotics Competition Team 3132 "Thunder Down Under" Freestyle Productions Genesis Grandma's Adventure Zone Hartel's/DBJ Garbage Disposal and Recycling **IBM** Corporation Inn on Lake Superior Involta Itasca Community College Jamar Joy Global Inc. Kraus-Anderson Construction Lama LHB Foundation Fund Microsoft Corporation Minnesota Power Foundation Northland Foundation Pentair Foundation Plexus Republic Bank St. Luke's Saturn Systems Software Engineering Super One Foods Target United Health Group University of Minnesota - Duluth U.S. Air Force Visit Duluth **Oklahoma Regional** ABB Inc ASCO Aerospace BankFirst **Bill Beaulieu** The Chickasaw Nation Mark Cisneros Mickey Clagg Covanta Ken & Lisa Davis

Dell-OKC

Devon Energy Corporation

Qualcomm Incorporated

DoD STEM Dunlap Codding P.C. Google.org Howard Family Foundation Ideas Manufacturing Inasmuch Foundation 5000 Intellectual Property Section-Hall Estill IS Technologies-Computer System Designers (Terry Salmon) Fred Jones Family Foundation Kirkpatrick Foundation MSC Industrial Supply Nordam Northrop Grumman Corporation OCAST OCU OG&E Oklahoma Aeronautics Commission Oklahoma Business Boundtable Oklahoma City Convention & Visitors Bureau Oklahoma Dent of Career Tech Oklahoma State Dept. of Education Oklahoma State University Oklahoma State University College of Engineering Pavcom Presbyterian Health Foundation Dr. Karl Reid Tinker Engineering University of Oklahoma, College of Engineering University of Tulsa, College of Engineering & Natural Sciences U.S. Air Force John Steele Zink Foundation **Orange County Regional** Applied Medical Argosy Foundation/Boston Scientific Corporation The Boeing Company First American Title **Garner Holt Productions** Renesas SAMPE Foundation Southern California Edison Western Digital Foundation **Orlando Regional** AECOM ASRC Federal Systems Bright House Networks Color Scene Comcast NBCUniversal **Computer Science Corporation** Faces That Make a Difference

Florida High Tech Corridor Council Harris Corporation Hunter Foundation Leidos, Inc. Lockheed Martin Corporation NASA Kennedy Space Center **Raytheon Company**

Bockwell Automation Inc.

Siemens Energy Stage Equipment and Lighting U.S. Air Force U.S. Army ROTC University of Central Florida Walt Disney Parks and Resorts

Queen City Regional

Abbott Fund Alexandre and Associates Anonymous Faton Computer Kinetic Vision Parker Hannifin Foundation P&G Engineering U.S. Air Force Xavier University

Rocket City Regional

Adtran Aeroiet RocketDvne Alabama National Guard ASRC Federal The Boeing Company Booz Allen Hamilton, Inc ch2m Dynetics Hexagon Huntsville/Madison County Convention and Visitors Bureau National Aeronautics and Space Administration (NASA) National Space Club PeopleTec

Baytheon Company Siemens PI M Tennessee Valley Authority (TVA) ΠΔΗ University of North Alabama U.S. ARMY ROTC U.S. Space and Rocket Center WYP Aviation

Sacramento Regional

Brin Wojcicki Foundation Randall Lam Household Monsanto Company

San Diego Regional

Argosy Foundation Booz Allen Hamilton, Inc. California Space Grant Foundation D&K Engineering GSD&M (Airforce) Leidos, Inc. Richard Poque Household PTC, Inc. Qualcomm Incorporated Space Grant Education & Enterprise Institute Teradata Corporation ViaSat, Inc.

SBPLI Long Island Regional

accessLinx Inc.

Albanese Organization Association for Facilities Engineers LI Chanter 4 Astoria Bank BAE Systems Bethpage FCU Brookhaven NSA Robert Catell Center for Essential Management Services Inc. CSC Holdings/Cablevision Estee Lauder Companies Farmingdale State College Festo Hofstra I Tutor Ingerman Smith LLC Institute of Electrical and Electronics Engineers, Inc. (IEEE) LG Management LLC North Atlantic Industries Northrop Grumman Corporation Northwell Health NYSIE PSEG-Long Island Schenck Trebel School Construction SCOPE Softeon (CEWIT Stern Family Stony Brook University U.S. Armv

Silicon Valley Regional

Argosy Foundation Google Inc. Karen & Rick Hargrove Household MasterCard Worldwide Qualcomm Incorporated **Tesoro Foundation** Brin Wojcicki Foundation

Smoky Mountains Regional

Alcoa Inc **Bechtel Group Foundation** CCC Group CNA CNS Denso Manufacturing Tennessee, Inc. Eastman Chemical Company Eaton General Cable Hubbell Kendall Electric Leidos, Inc. Leviton Local Motors Mesa MSTI Oak Ridge National Laboratory Pellissippi State Technical Community College

PetSafe

Tennessee Valley Authority (TVA) University of Tennessee Y-12

South Florida Regional

Alienware The Boeing Company **BRACE** Integrated Services Citrix Concord Engineering Inc. **DEKA Research & Development** Corporation Discover the Palm Beaches Distrain Electric Sales Associates Inc. Emerson Process Management /Power & Water Florida Atlantic University Florida Power & Light Company Hubbell - Irby Utilities Killer Networking LexisNexis MacLean Power LLC Marmon Utility LLC/Hendrix Mitsubishi Hitachi Power Systems Americas, Inc. MPW Industrial Services **Orbital Energy Services** Palm Beach County Tourist Development Pascor Atlantic Corporation Pratt & Whitney Preformed Line Products Company Publix Schneider Electric Shermco Industries Southeastern Construction Southwire Company SPX Transformer Solutions Tampa Armature Works, Inc. Robert and Lynn Tuttle Household U.S. Army ROTC Vanguard Instruments Co., Inc. Walker Contracting Group Williams Industrial Services Group Wolseley Industrial Group

St. Louis Regional

Harry Baker The Boeing Company Burns & McDonnell The Coca-Cola Company Ernie Jaworski Carol Loeb Maritz Monsanto Company Rockwell Automation, Inc. The Saigh Foundation Saint Louis Science Center Saint Louis University The Seeser Family TechShor U-Gas

Utah Regional

ATK IM Flash Technologies 13 **Micron Foundation** Miller Family Philanthropy Platt Electric Supply STEM Action Center Victoria Thomas Utah Governor's Office of Economic Development Utah Tech Workforce Foundation Utah Technology Council

Ventura Regional

Amgen, Inc. Argosy Foundation **Boston Scientific Corporation** College of the Canyons Comcast EJ Harrison Gene Haas Foundation Ventura Community College

Western Canadian FIRST Robotics **Competition Regional**

APEGA (Association of Professional Engineers and Geoscientists of Alberta) CIP Grant (Community Initiatives Program) The Dow Chemical Company ISA (International Society of Automation) Schulich School of Engineering, University of Calgary Spartan Controls Stanted

Windsor Essex Great Lakes Regional

AndyMark, Inc. Argosy Foundation Balluff Bruce Power Centerline Windsor Limited Christie The Dow Chemical Company Durham College FedNor GM Canada Hatch Lakeside Process Controls Little Electric Inc Magna MNP Nipissing University OACETT Ontario Ministry of Education **Ontario Power Generation** Power Workers' Union Pratt & Whitney Canada Qualcomm Incorporated **RBC** Wealth Management Redpath **Bockwell Automation Inc**

Ryerson University St. Clair College Scotia Bank Siemens Corporation SYNNEX Canada тммс Union Gas University of Ontario Institute of Technology University of Toronto University of Waterloo University of Windsor Valiant VEX Pro Xerox Corporation Wisconsin Regional Eaton Corporation GE Healthcare Johnson Controls, Inc. Joy Global Inc. Ladish Co. Foundation

Mosher Family Foundation Rockwell Automation, Inc. Sargento Tormach, LLC Waukesha County Technical College

A list of FIRST Robotics **Competition Team Sponsors is** available online at www.firstinspires.org/robotics/ frc/team-sponsors

2015-2016 FIRST Progression of Programs Region **Sponsors**

Washington *FIRST* Robotics 15 to 1: Jermaine Kearse Foundation

Scott Abbott Sue Adams & Kevin Ross 🔺 Adobe Systems Alaska Airlines ALTEK, Inc. Stephen Amorosi Anonymous **Argosy Foundation** Autodesk, Inc. Avista Foundation Conrad Ball **Bamford Foundation** Kevin Baney Carl Bangle Paul Barry, Pemco Insurance John Bartho Doug Baugh **Bechtel Group Foundation** Shauna Bennett Alisha Benson, Greater Spokane Incorporated The Bezos Family Foundation Phil Bickford Ben & Dana Riley Black

Andrew Bliss The Boeing Company **Bonneville Power Administration** Igor Braginkskiy Rob Branson Catherine Brazil, University of Washington Scott & Margaret Bright Steve Burke Heidi Burkett, 95th Avenue Academy Tyson Cady Tim Callahan Stephen Carlson Cascade Microtech, Inc. Center for Advanced Manufacturing Puget Sound Sreedevi Chaganti David Chen Cimtech, Inc Lauren Cohen Perkins Coie William Cooper R. Steve Corker Del Costv Julie Courtney, Shannon & Associates Crane Foundation, Inc. Mary Cullinan, Eastern Washington Universitv Daimler Trucks North America David Dammann, FIRST Robotics Competition Team 3574 Melissa Daniels-Zaineb, FIRST LEGO League Jr. Team 4185 Brian Day, Everett School District Geoff Deane Suneetha Dhulipalla, FIRST LEGO League Team 10424 Ying Dong **Dupar Foundation** Michael Edwards Janiel & Mike Eggleston Electroimpact, Inc. Bill Evidon F5 Networks Cathy Fallen-Mathews & Keith Mathews Estate of Charles P. Farnham **Fidelity National Title** FIRST Washington Board of Directors Erick Fitzpatrick, AHBL Inc. FLIR Systems, Inc. Maureen Frisch **Global Tech Plastics** Roy Goh, Microsoft Matching Google.org Dianne Gordon Graber Trust, FIRST Robotics Competition Team 1318 Navneet Gupta, FIRST LEGO League Team Michael Gutmann, FIRST Robotics **Competition Team 4089** Catherine Guyot Habitat for Humanity of Island County, FIRST Robotics Competition Team 2980

Har-Har LLC, FIRST Robotics Competition Team 5920 Melissa Harriman Sheereen Henry Phil Hernes Brvan Hester, CBRE Mark Hofer Weiping Hu **HUB Sports Center** Intel Foundation Intellectual Ventures Island Thrift, Inc. FIRST Robotics Competition Team 2980 Isofusion, Inc .lohn .lones Srinivas Kandibanda, FIRST LEGO League Team 10424 Andrew Karmer, in honor of Thomas Haff Narinder Kaur, FIRST LEGO League Team 20770 City of Kent Key Compounding Dustin and Charlene Klein, FIRST Robotics Competition Team 2980 Leif Kornstaedt, Microsoft Matching �, FIRST LEGO League Team 58 Krieg Construction, Inc. FIRST Robotics Competition Team 2980 Kroger Tyler Lafferty Lam Research Foundation Fund Paul Lambert Langco NW, Inc., FIRST Robotics Competition Team 2980 Kelly Lawson Tom Leonard Jason Leslev Anthony Levi Lily Ley Brad Liberg Chris Longston Pamela Lund Janis Machala Mark Mackin Dirk Maiwald Majiq, Inc. Susan & David Martucci Duncan McAlpine C.J. Mcanulty Dave & Erin McCallum Matt Medlin Dr. Gil Mendoza Mentor Graphics Foundation Kristin Mever Theresa Meyer Carrie Miceli Microchip Microscan Mfg., LLC **Microsoft Corporation** Mike & Tracy Milano, FIRST Robotics Competition Team 5920 Chris Miller Prakash Modi, Swerve

Multicare Health System M.J. Murdock Charitable Trust Eric Nelson, Honeywell Giving NMHG North Whidbey Lions Club, FIRST Robotics Competition Team 2980 Northwest Chinese School, FIRST Tech Challenge Team 9915 Northwest Designs Oak Harbor Rotary Club, FIRST Robotics Competition Team 2980 Kevin Oldenburg Bill Otto Pacific Metallurgical Inc. Palouse Chamber of Commerce, FIRST **Robotics Competition Team 5920** Palouse Grain Gowers, Inc., FIRST Robotics Competition Team 5920 Usha Pandurang, Microsoft Matching �, FIRST LEGO League Team 10720 Pape Materials Brian Predmore, Boeing Gift Matching *, FIRST Robotics Competition Team 3574 Puppet Labs Puyallup Tribe of Indians Charity Trust QUAL-FAB, Inc. Qualitel, FIRST Robotics Competition Team 4512 Kyle Quinn Kumar Rajeev, Microsoft Matching *, FIRST LEGO League Team 10197 Robert Ralphs Boeing Gift Matching *, FIRST Robotics Competition Team 2980 Ramprabhu Ratham, Microsoft Matching *, FIRST Tech Challenge Team 9455 Ramprabhu Rathnam, Microsoft Matching *, FIRST LEGO League Team 9455 **Red Dot Corporation** Cathy Reines Edie Riddle, FIRST Robotics Competition Team 5920 Marcel Rivard, AT&T Employee Giving, FIRST Tech Challenge Team 417 Rvan Romnev Dan Rosenstein Eric Sabetti Helen Sandifu Sriram Sarda Stuart Schaefer Aaron Schmitz Tami Schwart Darwin Schweitzer Peter Scott Andy Shouse Linda Shupack Atul Sikaria Skagit Community Foundation John Smiligin

Society of Cable Television Engineers Michael Sorensen **Deborah Squires** Starbucks Steve Summers William Swartz Tableau Foundation Curtis Takahashi Chiping Tang Tesoro Corporation Brian Thomas Brogan Thomsen Tri-Tech Manufacturing, LLC Tripwire Robin Trov **Tulalip Tribes Charitable Contributions** Washington Opportunity Scholarship Washington State Legislature Kurt Wedawood Lisa White Christoph Wimmer & Susan Collins Women in Technology Victor Zou

FIRST thanks its Supporters and has made every effort to ensure complete and accurate listings. If we've made an error, please accept our sincere apology, and let us know at donations@ firstinspires.org.



Partners

2015-2016 FIRST LEGO League Jr.

Global Partners

The following key organizations and Volunteers in the field organize the FIRST LEGO League Jr. program in their respective regions.

Australia

Luan Heimlich Macquarie University

Canada

Ontario Peggy Scott FIRST LEGO League Ontario

Quebec Rachid Abiza FIRST Robotics Quebec

Chile Kirstin Engemann Fundación SparkTalents

China Eugene Zhang Semia Limited

Denmark Nina Sivertsen Stian Elstad EIRST Scandinavia

Egypt Ayman El Kabbany Techno Future Egypt

Estonia Heilo Altin MTÜ Robootika

Greece Kostas Vasileiou EduACT

Haiti Odule Augustin

Kinvil Jean FEDUDEVH

Hong Kong

Eugene Zhang Semia Limited The Hong Kong Youth Federation India STEM Foundation Ireland Gareth James

Sudhanshu Sharma

Mandy Workman The Institution of Engineering and Technology

ganize the program in their Israel Yaarit Levy

Keren Muchnik FIRST Israel

Italy

India

Franco Finotti Stefano Monfalcon Fondazione Museo Civico di Rovereto

Japan

Hideki Kamoshida Takahiro Kondo FIRST Japan

Jordan

Ismail Yasein Hasan King Hussein Foundation

Lebanon

Ghazi Mtaweh Cedars Cultural School-Education and Technology Center

Mexico

Bárbara Gómez de Navarro Explora, Descubre Y Crea, AC

The Netherlands

Tamara Derksen Mark Franken Stichting Techniekpromotie

Norway

Mariann Johnsen Stian Elstad FIRST Scandinavia

Qatar

Ismail Yasein Hasan King Hussein Foundation

Republic of Korea

Professor Kyoung-Mihn Do FEST (Feeling and Enjoying Science & Technology Organization)

Russia

Aleksei Kornilov Maxim Petrov Oleg Deripaska's Volnoe Delo Foundation

South Africa

Johannes de Vries Tshwane University of Technology

Spain

Ricard Huguet Montse Bover Fundación Scientia

Sweden

Nina Sivertsen Stian Elstad FIRST Scandinavia

Turkey

Fatma Habip Davut Habip Bilim Kahramanlari Dernegi

United Kingdom

Gareth James Mandy Workman The Institution of Engineering and Technology

Wales

Gareth James Mandy Workman The Institution of Engineering and Technology

United States

Alabama Taylor Whisenant FIRST in Alabama

Alaska Rebecca Soza Juneau Economic Development Council

Arizona Hilary Mitchell Arizona State University, College of Technology & Innovation

California – Central Michael Adam Clovis Unified School District

California – Northern Jill Wilker Playing @ Learning

California – Southern Lynn Crockett LEGOLAND®

Colorado Katherine Aschenberg Colorado Robotics Excelling at Science and Technology Inc. Delaware Teshenia Hughes Eric Cheek Delaware State University

Hawai'i Lani Arakaki Hawaii *FIRST* LEGO League

Idaho Timothy Ewers, Ph.D. Robin Baumgartner Extension 4-H, University of Idaho

Illinois Mary Buchanan Thomas Kleinschmidt INSciTE Illinois

Indiana Carol Dostal College of Engineering, Technology and Computer Science Indiana University – Purdue University, Fort Wayne

Iowa Camille Sloan-Schroeder College of Engineering, Iowa State University

Kansas – Liberal Ramie Wetzbarger Mid America Air Museum

Kansas – Kansas City Gretchen Neis KC STEM Alliance

Louisiana Carol Cancienne Annette Oertling BLaST, Inc. (Building Louisiana Science and Technology)

Maryland Bill Duncan STEMaction, Inc.

Michigan Cindy Nader Gail Alpert FIRST in Michigan

Minnesota Cheryl Moeller High Tech Kids

Mississippi Eddie Melton Robotics Alliance of Mississippi

Missouri – Kansas City Gretchen Neis KC STEM Alliance Missouri – St. Louis Kathie Reuter LeAnn Ore Heumphreus St. Louis Community College – Florissant Valley

National Society of Black Engineers (NSBE) Brittany Boyd

Nebraska Brandy Wagner University of Nebraska – Lincoln 4-H Youth Development

Nevada – Las Vegas Jean Hoppert FIRST Nevada

Nevada – Reno Dee Frewert FIRST Nevada

New Jersey Ernest DiCicco, Jr. Mount Olive Robotics Education Association

New Mexico Chris Morgan Sandy Trissell FIRST LEGO League New Mexico

New York – Finger Lakes Elayne Stewart University of Rochester

New York – Long Island Rick Ramhap SBPLI, Inc.

New York – Mid-Hudson Valley John Houston Dutchess County Community College

New York – New York City Norm Sutaria Pat Daly NYC FIRST

New York – Utica Janice Martino SUNY Institute of Technology

North Carolina Marie Hoppert FIRST North Carolina

Ohio Kelli Dubendorfer Educational Outreach Wright Patterson Air Force Base

Oklahoma

Scott Taylor Oklahoma Science and Engineering 55 Foundation (OKSEF) Oregon Loridee Wetzel Oregon Robotics Tournament and Outreach Program

Pennsylvania – Southeast Peter Randall Dan Ueda University of Pennsylvania

Puerto Rico Miray Ramy Eureka STEM

Rhode Island Nick Terry Rhode Island School of the Future

South Carolina Louis Rubbo SC FIRST LEGO League and Robotics Education, Inc.

Texas – Alamo Andrew Schuetze Megan Clark SASTEMIC

Texas – Central Jess Jankowitsch FIRST in Texas

Texas – North John Shellene DFW Technology and Education Council

Texas – *South* Karen Cohen The University of Houston – CORE

Texas – Southwest Gabby Gandara Virgilio Gonzalez University of Texas at El Paso

Utah Nate Friedman University of Utah

Virginia/District of Columbia Nick Swayne Krystian Jones James Madison University

Washington Susan Martucci Washington *FIRST* Robotics

West Virginia Jaime Ford NASA IV & V Educator Resource Center

Wisconsin Lisa Bartig BadgerB0TS Wyoming Cathy Bisiar Natrona County School District

2015-2016 FIRST LEGO League

Global Partners The following key organizations and Volunteers in the field organize the FIRST LEGO League program in their respective regions.

Australia

Luan Heimlich Macquarie University

Austria

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V.

Belgium

Tamara Derksen Mark Franken Stichting Techniekpromotie

Bolivia Raul Ontiveros ONTI Foundation

Brazil Barbara Cambraia Trajano Danielle Abreu SESI - Brazilian Social Services of Industry -National Department

Bulgaria

Kostas Vasileiou EduACT

Canada

Alberta Walter Kowalchyk Alberta Youth Robotics Association

British Columbia Philip Pierce St. Margaret's School

Newfoundland and Labrador Clarence Button O'Donel High School

Nova Scotia Gary Walsh Acadia University

Ontario David Ellis FIRST Robotics Canada

Quebec Rachid Abiza FIRST Robotics Quebec Saskatchewan Daryl Hepting, Ph.D. University of Regina

Chile

Kirstin Engemann Fundación SparkTalents

China

Eugene Zhang Semia Limited

Colombia

Mónica Maria Sánchez Colorado Fundación Global Arte Cienca y Technologia

Cyprus Kostas Vasileiou

EduACT

Czech Republic

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V.

Denmark

```
Nina Sivertsen
Stian Elstad
FIRST Scandinavia
```

Dominican Republic

Abraham Dauhaire

Fundación para el Desarrollo de las Ciencias

y Tecnología

Ayman El Kabbany Techno Future Egypt

Estonia Heilo Altin

MTÜ Robootika

Faroe Islands Nina Sivertsen

Stian Elstad FIRST Scandinavia

France

Bernard Thiery Erwan Gallee FOL de la Nièvre - Centre de Ressources en Robotique Educative et Professionnelle

Germany

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V. Greece Kostas Vasileiou EduACT

Haiti Odule Augustin Kinvil Jean

FEDUDEVH

Hong Kong

Eugene Zhang Semia Limited The Hong Kong Youth Federation

Hungary

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V.

Iceland Birgir Urbancic Ásgeirsson FIRST LEGO League á Íslandi

<mark>India</mark> Sudhanshu Sharma

India STEM Foundation

Indonesia Bambang Rusli Mikrobot

Ireland

Gareth James Mandy Workman The Institution of Engineering and Technology

Israel Yaarit Levv

Keren Muchnik FIRST Israel

Italy Franco Finotti Stefano Monfalcon Fondazione Museo Civico di Rovereto

Japan Hideki Kamoshida

Takahiro Kondo FIRST Japan

Jordan Ismail Yasein Hasan King Hussein Foundation

Latvia

Heilo Altin MTÜ Robootika Lebanon

Ghazi Mtaweh Cedars Cultural School-Education and Technology Center

Lithuania

Kristijonas Vasiliauskas Robotikos Akademija

Bárbara Gómez de Navarro

Explora, Descubre Y Crea, AC

Malaysia KingHui Law

Kevin Wan

Mexico

Moldova

Heilo Altin

MTÜ Robootika

Montenearo

Prof. Srdjan Kadic

The Netherlands

Stichting Techniekpromotie

Olajide Ademola Ajayi

Tamara Derksen

Mark Franken

New Zealand

Jason Kyle

Kiwi FIRST

Nigeria

CODERINA

Norway

Nina Sivertsen

FIRST Scandinavia

Stian Elstad

Pakistan

Rehan Ahmad

STARfALL(Science and Technology

Awareness and Recognition for All)

Qamar Iqbal

Palestine

Peru

Luis Linares

Philippines

Mylene Abiva

FELTA Multi-Media, Inc.

Ismail Yasein Hasan

King Hussein Foundation

Wernher Von Braun IEP SA

Young Inventors of Montenegro

Sasbadi Sdn Bhd

Poland

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V.

Portugal

Noah Revoy Ana Raquel Silva Evoluir21

Qatar

Ismail Yasein Hasan King Hussein Foundation

Republic of Korea

Professor Kyoung-Mihn Do FEST (Feeling and Enjoying Science & Technology Organization)

Russia

Aleksei Kornilov Maxim Petrov Oleg Deripaska's Volnoe Delo Foundation

Serbia

Andrej Bergant Natalija Premuzi Zavod Super Glavce

Singapore

Hozefa Aziz Singapore Wala Duck Learning

Slovakia

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V.

Slovenia

Andrej Bergant Natalija Premuzi Zavod Super Glavce

South Africa

Johannes de Vries Tshwane University of Technology

Spain

Ricard Huguet Montse Bover Fundación Scientia

Sweden

Nina Sivertsen Stian Elstad FIRST Scandinavia

Switzerland

Stefanie Hauffe Franzi Ronneburger HANDS on TECHNOLOGY e.V.

Taiwan

Johnson Jan K Kingdom Inc.

Thailand

Nualwon Cha-ume Pittayut Tangsatjatham Gammaco (Thailand) Co. Ltd.

Turkey

Fatma Habip Davut Habip Bilim Kahramanlari Dernegi

Ukraine

Oksana Stoyetskaya Prolego Ltd.

United Arab Emirates

Senthil Kugan ATLAB Trading, LLC

United Kingdom

Gareth James Mandy Workman The Institution of Engineering and Technology

United States

Adventist Robotics League Mel Wade

Alabama Drew Whisenant Taylor Whisenant *FIRST* in Alabama

Alaska Rebecca Soza Juneau Economic Development Council

Arizona Jennifer Velez Ira A. Fulton Schools of Engineering Arizona State University

Arkansas Richard Cassady Amber Williamson Science and Technology Group, Inc.

California – Central Michael Adam Clovis Unified School District

California – Los Angeles Tony Ayad Girl Scouts of Greater Los Angeles

California – Northern Mark Edelman Jill Wilker Playing @ Learning California – Southern

Lynn Crockett LEGOLAND®

Colorado Courtney Goeltzenleuchter Kevin Kowalczyk Ross Parrent Colorado Robotics, Excelling at Science and Technology Inc.

Connecticut Mike Gentry IngenuityNE Inc.

Delaware Eric Cheek, Ph.D. Delaware State University

Florida – Central Michael Schweim Polk State College

Florida – Northeast Kathie Carswell Mark McCombs Renaissance Jax, Inc.

Florida – Northwest Beth Hanning Doolittle Institute

Florida – *South* Gloria Gibson Florida Atlantic University

Florida – West Coast Desh Bagley Hillsborough Community College

Georgia Jasmine Patel Jeff Rosen Kinyatta Trice Georgia Institute of Technology

Hawai'i Aaron Dangler Blaine Kashiwaeda Hawaii *FIRST* LEGO League

Idaho Robin Baumgartner Timothy Ewers, Ph.D. Extension 4-H, University of Idaho

Illinois Tom Kleinschmidt Diane Michalczuk INSciTE Illinois

Indiana

Carol Dostal College of Engineering, Technology and Computer Science Indiana University – Purdue University, Fort Wayne *Iowa* Camille Sloan-Schroeder College of Engineering, Iowa State University

Kansas – Liberal Jim Bert Mid America Air Museum

Kansas City Region Gretchen Neis Curators, University of Missouri

Kansas – Southeast – Greenbush Lisa Blair Greenbush, Southeast Kansas Education Service Center

Kentucky Beth Koch Northern Kentucky University

Louisiana Scot Marshall Annette Oertling FIRST Louisiana-Mississippi, Inc.

Maine Tom Bickford Maine Robotics

Maryland Jamie Gurganus Anne Spence, Ph.D. College of Engineering & Information Technology University of Maryland Baltimore

Massachusetts Colleen Shaver Worcester Polytechnic Institute

Michigan Pamela Williamson FIRST in Michigan

Minnesota Vicki Coaty Cheryl Moeller High Tech Kids

Mississippi Eddie Melton Robotics Alliance of Mississippi

Missouri – Central Lynna Lawson Bill Pabst University of Missouri, Columbia

Missouri – St. Louis LeAnn Ore Heumphreus Kathie Reuter St. Louis Community College – Florissant Valley

Montana Allison Banfield College of Engineering, Montana State University The National Society of Black Engineers (NSBE) Brittany Boyd

Nebraska Brandy Wagner University of Nebraska – Lincoln 4-H Youth Development

Nevada – Las Vegas Pam Garfield Jean Hoppert FIRST Nevada

Nevada – Reno Dee Frewert FIRST Nevada

New Hampshire Brian Belley Kristen Zuege BAE Systems

New Jersey Ernest DiCicco, Jr. Mount Olive Robotics Education Association

New Mexico Chris Morgan Sandy Trissell Girl Scouts of New Mexico Trails

New York – Finger Lakes Damian Garcia Costas Solomou Elayne Stewart University of Rochester

New York – Long Island Janet Anderson Stephanie Stern SBPLI, Inc. – LI *FIRST*

New York – Mid-Hudson Valley Leah Akins Casimer DeCusatis John Houston Hudson Valley FIRST LEGO League

New York – New York City Mark Sharfshteyn Norm Sutaria Peter Xanthus NYC FIRST

New York – Potsdam Jessica Carista James Carroll Clarkson University

New York – Utica Elizabeth Rossi SUNY Polytechnic Institute

North Carolina Kory Bennett, Ph.D. North Carolina A&T State University North Dakota Gwen Klawon University of North Dakota, School of Engineering & Mines

Ohio Kelli Dubendorfer Brenda Ronnebaum Wright Patterson Air Force Base -Educational Outreach

Oklahoma Craig Shreve Scott Taylor Oklahoma Science and Engineering Foundation (OKSEF)

Oregon Bruce Schafer Loridee Wetzel Oregon Robotics Tournament and Outreach Program

Pennsylvania – Northwest Melanie Ford Edward Smith Penn State Erie, The Behrend College

Pennsylvania – Southeast Nate Knauss Dan Ueda University of Pennsylvania

Pennsylvania – Southwest -Central Allison Felix Community Foundation for the Alleghenies

Pennsylvania – Southwest Gordon Walton BrainSTEM Learning, Inc.

Puerto Rico Roberto Gorbea Miray Ramy Eureka Enrichment and Learning Center, Inc.

Rhode Island Rebekah Gendron Rhode Island School of the Future

South Carolina Mary Graves Louis Rubbo SC FIRST LEGO League and Robotics Education. Inc.

South Dakota Amy Engebretson

Tennessee – East Kris Craven Paula Suchomski Bradley Weil Tennessee Technological University Tennessee – West Tom Banning Daniel Kohn Frank Niedzwiedz University of Memphis and Herff College of Engineering

Texas – Alamo Megan Clark Andrew Schuetze SASTEMIC

Texas – Central Noah Bickford Bethany Paul Skillpoint Alliance

Texas – North Kristi Cantu Teresa Lenling Perot Museum of Nature and Science

Texas – South Karen Cohen The University of Houston – CORE

Texas – Southwest Gabby Gandara Virgilio Gonzalez University of Texas at El Paso

Utah Jenna Boltz Utah Valley University

Vermont David Feinauer, Ph.D. Norwich University

Virginia/District of Columbia Dustin Skelton Nick Swayne James Madison University

Washington Lindy Baker Susan Martucci Erin McCallum

Washington FIRST Robotics

West Virginia Todd Ensign Fairmont State University

Wisconsin Lisa Bartig Ben Senson BadgerBOTS

Wyoming Shannon Fischer Natrona County School District

Yemen Ismail Yasein H

Ismail Yasein Hasan King Hussein Foundation

2015-2016 FIRST TECH CHALLENGE

The following key organizations and Volunteers in the field organize the FIRST Tech Challenge program in their respective regions.

Affiliate Partners

Australia

Luan Heimlich Michael Heimlich Macquarie University

Canada *Alberta* Philippe Manseau

China

Eugene Zhang Semia Limited

Czech Republic

Joe Monks International School of Prague

Egypt/Lebanon

Ayman El Kabbani Ghazi A Mtaweh TechnoFuture Egypt, Education & Technology Center Lebanon

France

Alice Caplier Phelma/Grenoble INP

Germany Fränzi Ronneburg

Hands on Technology

India

Sudhanshu Sharma Techtronics Education

Israel

Yaarit Levy FIRST Israel

Mexico

Bárbara Gómez de Navarro Explora, Descubre Y Crea, AC

The Netherlands

Lennart de Graaf Fontys Hogeschool ICT

New Zealand

Jason Kyle Kiwi *FIRST*

Republic of Korea

Professor Kyoung-Mihn Do FEST (Feeling and Enjoying Science & Technology Organization)

Russia

Maxim Petrov Oleg Deripaska Foundation Volnoe Delo

South Africa

Johannes de Vries Tshwane University of Technology

Taiwan Johnson Jan

ESUN Robot Association

United States

Alaska Brian Holst Juneau Economic Development Council

Arizona Christine Sapio Coconino High School

David Thompson Northern Arizona University

Arkansas Jacquelyn Meissner Mountain Home High School – Career Academies

California – Los Angeles Gigi Johnson alt-NEXT

California – Northern California Jill Wilker Mark Edelman Playing @ Learning

California – San Diego John and Marion Brooks

Colorado Matthew Collier Kathy Collier LAUNCH

Connecticut Evan Barnet

Delaware Eric Cheek Delaware State University

Florida Hans Wolf Tampa Bay Robotics Foundation, Inc.

Georgia Connie Haynes Georgia *FIRST* Hawai'i Aaron Dengler Punahou School

Idaho Tim Ewers University of Idaho Extension 4-H

Illinois Michael Seedman

Indiana Darrin Wilcoxson Crawfordsville High School

Iowa Rebecca Whitaker University of Iowa

Kentucky James Klauber Owensboro Community and Technical College

Maryland Bill Duncan STEMaction, Inc.

Massachusetts Loretta Bessette MIT Lincoln Laboratory

Michigan High School Betsy Lamb Cranbrook Schools

Michigan Middle School Francois Castaing Gail Alpert FIRST in Michigan

Minnesota Cheryl Moeller High Tech Kids

Mississippi John O'Haver University of Mississippi

Missouri Susie Mathieu

Montana Ed Huth Oracle

Nebraska Brad Barker Nebraska 4-H Youth Development

Nevada Jean Hoppert FIRST Nevada

New Jersey Joel Bloom New Jersey Institute of Technology

New York City Pat Daly NYC FIRST

New York – Excelsior Elizabeth Rossi SUNY Polytechnic Institute

New York – Empire **Richard Kline** Pace University

North Carolina Robert Pompey Jr. North Carolina A&T State University

North Dakota Paul Keidel Bismarck Career Academy

Ohio Linda Neenan iSPACE, Inc.

Oklahoma Brad Fitzgerald Southwest Oklahoma State University

Oregon Bruce Schafer Cathy Swider ORTOP

Pennsylvania Thomas Zawislak Pennsylvania FIRST Robotics

Rhode Island Erin Flynn New England Institute of Technology

South Carolina William Pedersen South Carolina Robotics Education Foundation

Texas – Dallas/Fort Worth Dr. Carter Tiernan College of Engineering University of Texas at Arlington

Texas – Lubbock **Richard Gale** Texas Tech University

Texas – Pasadena/Houston Sharon Sledge San Jacinto College

Texas – San Antonio Andrew Schuetze

Utah David Ferro Weber State University Vermont **Douglas Dickey** Kristin Winer University of Vermont

Virginia Scott McKay Virginia FIRST

Washington Eric Stokely Washington *FIRST* Robotics

West Virginia Peggy Vance Logan County Schools

Wisconsin Michael Krauski University of Wisconsin Milwaukee

Wyoming Shannon Fischer Natrona County School District

Program Managers

China Andrew Bannish Flora Li Xiangpeng Zhang Sobrina Si Semia Limited

India Pooja Sharma **Techtronics Education**

Israel Eli Barak

FIRST Israel

Eric Lee FEST (Feeling and Enjoying Science & Technology Organization)

Taiwan

Rene Cheng ESUN Robot Association

United States

Rebecca Soza

California – Los Angeles Theresa Klemme

Robert May

Hawai'i Blake Uramoto Jenny Uramoto

Idaho Robin Baumgartner

Illinois Sue Kunzeman Jonathan Weiland

Indiana Lori Hall

Michigan Middle School Tammy Damrath

Minnesota Vicki Coaty

Mississippi Mannie Lowe

Missouri Tom McGovern

Montana Allison Banfield Montana State University

New Jersey Vince Frascella Patricia Frascella

New York City Norm Sutaria

Pennsylvania Dave Hackett

Texas – Dallas/Fort Worth Dave Davis College of Engineering University of Texas at Arlington

Texas – Lubbock Alan Barhorst Dina Barhorst Texas Tech University

Utah Dana Dellinger

Vermont Jeff Frolik University of Vermont

Virginia **Carol Edelman**

Washington Gary Major Kevin Ross Adrienne Rime

Wisconsin Julianne Pickering University of Wisconsin Milwaukee

2016 FIRST ROBOTICS

COMPETITION

The following organizations partner with FIRST to implement the FIRST Robotics Competition program in a specified region.

Australia Macquarie University

Canada FIRST Robotics Canada

Israel FIRST Israel

Mexico

Fundación Azteca

United States

Arizona AZFIRST

Arkansas Arkansas FIRST

Colorado Colorado FIRST

Florida Florida FIRST Robotics Education Foundation, Inc. (FFREF)

Georgia Georgia FIRST Robotics Inc.

Hawai'i Friends of Hawaii Robotics

Idaho **Rocky Mountain Robotics**

Illinois FIRST Illinois Robotics

Indiana Indiana FIRST

Louisiana FIRST Louisiana-Mississippi, Inc.

Michigan FIRST in Michigan (FiM)

Mid-Atlantic Region Mid-Atlantic Robotics, a NJ Non-Profit Corp. (MAR)

Missouri – Kansas City University of Missouri – Kansas City (UMKC)

Missouri – St. Louis Saint Louis Science Center

Nevada FIRST Nevada

New England ingenuityNE Inc.

New York City NYC FIRST

New York – Long Island School-Business Partnerships of Long Island, Inc. (SBPLI)

North Carolina FIRST North Carolina

Ohio Ohio Aerospace Institute

South Carolina Palmetto Partners for Science and Technology

Tennessee TN*FIRST*, LLC

Texas FIRST in Texas

Utah FIRST Utah

Virginia, Maryland, Washington DC Virginia FIRST

Washington, Oregon Washington FIRST Robotics

Alaska **David Patterson**

Georgia

Republic of Korea

60

Team services & growth of programs G&A expenses Fundraising costs 866%

Financials

Expanded program participation and mission successes continued in fiscal year 2016 with continued, balanced growth in operating revenues and expenses, including additional investments in our Youth Protection Program, Information Technology, Program Evaluations, and our Diversity & Inclusion Program. Contributions remained strong, as many individuals, small businesses, corporations — including over 200 of the *Fortune* 500 companies — and foundations maintained or increased their support, while new Sponsors joined *FIRST*. This support provided meaningful experiences to hundreds of thousands of youth engaged in the *FIRST* Progression of Programs.

As noted in the chart, and in keeping with longtime practices, *FIRST* continues to apply the maximum percentage of funds possible to directly benefit *FIRST* participants. Included within the modest G&A expenses are significant investments in infrastructure enhancements, including those noted above.



FIRST achieved its eleventh consecutive four-star rating from Charity Navigator, certifying our continued commitment to accountability, transparency, and sound fiscal management. This consecutive rating places FIRST in the top 1% of the U.S. charities annually evaluated by Charity Navigator.

STATEMENTS OF ACTIVITES	JUNE 30, 2016	JUNE 30, 2015
Revenues and other support:		
Program registration fees	\$ 26,625,176	\$ 22,718,237
Contributions and grants	15,760,543	18,214,680
Other income, net of expenses of \$98,515 in 2016 and \$98,099 in 2015	934,573	1,045,962
Special event income, net of expenses of \$434,286 in 2016	483,854	-
Special project (loss) income, net of expenses of \$1,196,117 in 2015 Net assets released from restrictions	-	(136,485)
ver assets released from restrictions	22,253,335	17,449,790
Total revenues (losses) and other support	66,057,481	59,291,914
Expenses		
IRST Robotics Competition	38,645,515	39,493,796
IRST LEGO League and FIRST LEGO League Jr.	7,095,617	6,024,042
IRST Tech Challenge	8,588,736	3,832,813
TRST Place	6,985	14,881
let cost of building space occupied by unrelated not-for-profit organizations	257,648	256,625
General, administrative and supporting services, and fundraising	8,584,578	7,688,961
Operation of <i>FIRST</i> facilities	416,527	437,912
Depreciation	604,220	532,434
otal expenses	64,199,826	58,281,464
Operating surplus	1,857,655	1,010,450
STATEMENTS OF FINANCIAL POSITION		
Assets:		
Cash and cash equivalents*	17,029,618	15,485,707
Short-term investments*	11,000,000	8,250,000
ledges, receivables, program supply inventory, and other assets	12,684,582	10,804,438
let property, plant, and equipment	5,060,032	4,524,283
Fotal assets, end of year	45,774,232	39,064,428
iabilities and net assets:		
Fotal liabilities, end of year	3,095,896	2,376,582
let assets:		
Inrestricted	24,634,811	22,777,156
emporarily restricted	18,043,525	13,910,690
otal net assets, end of year	42,678,336	36,687,846
otal net assets, end of year		

For each of the two fiscal years summarized above, FIRST received unmodified (unqualified) opinions from its independent auditor, BerryDunn.

*Note: The cash and short-term investments are comprised of both unrestricted funds and donors' temporarily restricted funds. The total liquid assets balance available to *FIRST*, for operating purposes, at June 30, 2016, is equivalent to approximately four months of *FIRST* operating expenses.

61 The financial information presented here is condensed and does not include the value of all donated services and materials. Audited Financial Statements (AFS) are readily available on the website at www.firstinspires.org under "About/Annual Report." For details, please refer to the accompanying notes which are an integral part of the AFS, at the above web address.

Leadership

Board of Directors

Robert K. Ortberg - Co-Chair Chairman, President, & Chief Executive Officer Rockwell Collins

Robert M. Tuttle - Co-Chair General Partner 1848 Associates

John E. Abele - Vice Chair Founding Chairman, Retired Boston Scientific Corporation

Donald E. Bossi - Secretary President *FIRST*®

Dean Kamen - Founder President DEKA Research & Development Corporation

Ursula M. Burns Chairman of the Board Xerox Corporation

Dr. Robin N. Coger Dean, College of Engineering North Carolina A&T State University

David Crane Senior Operating Executive Pegasus Capital Advisors

Walter P. Havenstein Chief Executive Officer, Retired Science Applications International Corporation (SAIC)

Dr. Paul E. Jacobs Executive Chairman of the Board Qualcomm Incorporated

Muhtar Kent Chairman of the Board & Chief Executive Officer The Coca-Cola Company

Dr. Laurie Leshin President Worcester Polytechnic Institute

John H. Lynch Former Governor State of New Hampshire

Sheri S. McCoy Chief Executive Officer & Director Avon Products, Inc.

Scott McKay Executive Vice President of Business & Product Strategy Genworth Financial

Dennis A. Muilenburg Chairman, President, & Chief Executive Officer The Boeing Company Robert L. Parkinson, Jr. Chairman Emeritus Baxter International Inc.

Myron (Mike) E. Ullman, III Chairman & Chief Executive Officer, Retired JCPenney

Honorary Directors

Paul A. Allaire FIRST Chairman: 1995-2000 Chairman & Chief Executive Officer, Retired Xerox Corporation

J.T. Battenberg III Chairman & Chief Executive Officer, Retired Delphi Corporation

Francois J. Castaing Executive Vice President, Retired Chrysler Corporation

L. John Doerr III Partner Kleiner Perkins Caufield & Byers

Gary L. Tooker Chairman of the Board, Retired Motorola, Inc.

James R. Utaski FIRST Chairman: 2000-2002 Corporate Mergers & Acquisitions Officer, Retired Johnson & Johnson

Senior Advisors

Dr. Shirley Ann Jackson President Rensselaer Polytechnic Institute

Kjeld Kirk Kristiansen Deputy Chairman of the Board LEGO Foundation & KIRKBI A/S

Gordon Lankton Chairman of the Board, Retired Nypro Inc.

Dr. William P. Murphy, Jr. Founder Cordis Corporation

Steve Sanghi Chairman of the Board, President, & Chief Executive Officer Microchip Technology, Inc.

Dr. Roland Schmitt President Emeritus Rensselaer Polytechnic Institute

The Honorable Jeanne Shaheen United States Senator New Hampshire

Executive Advisory Board

Dr. Woodie Flowers - Co-Chair & Distinguished Advisor Pappalardo Professor Emeritus of Mechanical Engineering Massachusetts Institute of Technology

Vincent Wilczynski, Ph.D. - Co-Chair Deputy Dean, School of Engineering & Applied Science Yale University

Ray Almgren Chairman *FIRST* in Texas

Gail Alpert President FIRST in Michigan

Sujeet Chand Chief Technology Officer & Senior Vice President Rockwell Automation, Inc.

Cosema (Connie) Crawford, P.E. Senior Vice President The Louis Berger Group, Inc.

Michael Dubno Head of Global Markets & Research Technology, Retired Bank of America Merrill Lynch

Greg Hale Vice President & Chief Safety Officer Walt Disney Parks & Resorts

Erik Halleus President & Chief Executive Officer EuroScandia Enterprises

James E. Heppelmann President & Chief Executive Officer PTC

Marc Hodosh Co-Creator TEDMED

Kent H. Hughes Public Policy Scholar Woodrow Wilson International Center for Scholars

Kyle Hughes Founder and Teacher Clarkston High School Science, Mathematics, and Technology Academy

Esben Staerk Jørgensen President LEGO Education

David Lavery Program Executive for Solar System Exploration NASA Paul Lazarus President White Dwarf Productions

Susie Mathieu Partner Spirit Hockey, LLC

Ceci Neumann Independent Law Practice Professional

Kevin Ross Founder Washington *FIRST* Robotics

Robert Sobolewski President & Chairman ingenuityNE

Josh S. Weston Honorary Chairman Automatic Data Processing, Inc.

Dave Wilson Vice President of Product Marketing, Academic National Instruments

Leadership Team

Donald E. Bossi President FIRST

Steven R. Chism Vice President, Programs *FIRST*

Terry Durkin Vice President, Finance FIRST

Mark Giordono Vice President, Development *FIRST*

Mark Greenlaw Vice President, Strategy and Impact *FIRST*

Roseann Stevens Vice President, Field Operations, Volunteer Resources, and Youth Protection *FIRST*

Listing current as of February 3, 2017

Championship photography by Adriana M. Groisman, Argenis Apolinario, Dan Donovan, and Lara Longo. Other images courtesy of FIRST teams, Volunteers, and Sponsors.



Vision

"To transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology leaders." Dean Kamen, Founder

Mission

To inspire young people to be science and technology leaders, by engaging them in exciting Mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.

Impact

TRANSFORMING OUR

FIRST[®] participation is proven to encourage students to pursue education and careers in STEM-related fields, inspire them to become leaders and innovators, and enhance their 21st century work-life skills.



www.firstinspires.org

▲ 200 Bedford Street ● Manchester, NH 03101 **■** 800.871.8326

FIRST[®], the *FIRST*[®] logo, *FIRST*[®] Robotics Competition, *FIRST*[®] Tech Challenge, *Coopertition*[®], *Gracious Professionalism*[®], *Sport for the Mind*[™], *More Than Robots*[™], *FIRST*[®] STRONGHOLDSM, and *FIRST*[®] RES-QSM are trademarks of For Inspiration and Recognition of Science and Technology (*FIRST*[®]). LEGO[®] and MINDSTORMS[®] are registered trademarks of the LEGO Group. *FIRST*[®] LEGO[®] League, *FIRST*[®] LEGO[®] League *Jr.*, TRASH TREKSM, and WASTE WISESM are jointly held trademarks of *FIRST* and the LEGO Group. All other trademarks are the property of their respective owners. ©2017 *FIRST*. All rights reserved. FI038

