



# Engineering young futures

FIRST® founder Dean Kamen said it best:

"FIRST experiences give young people
the toolset they need to build an
extraordinary life, career, and, ultimately,
a better society."

Through its motivational youth programs featuring competitive yet highly cooperative research and robot games, *FIRST* helps engineer brighter futures for hundreds of thousands of the world's young people by turning them on to science, technology, engineering, and math (STEM). This fun, challenging "Sport for the Mind<sup>TM</sup>" often launches them on college and career paths they might never have considered.

FIRST, a 501(c)(3) not-for-profit organization, combines teamwork, competition, a family of programs, and *just plain fun*. By participating in *FIRST*, students build self-confidence, gain knowledge, learn life and employment skills, discover career paths, and practice "*Gracious Professionalism*" and "*Coopertition*?" In 2010, with more than 90,000 committed adult Volunteers supporting them, more than 212,000 young people from every U.S. state and 56 other countries were introduced to the joys of creative problem-solving through robotics competition and mentored/coached teamwork.

# A family of programs

FIRST learning never stops. From age 6 to 18, four progressive FIRST programs help young people master skills and concepts they'll use over and over as they follow the FIRST path from one level to the next, and into college and a career.

In addition to gaining real, hands-on experience in engineering and programming as they design and build working robots, *FIRST* participants also discover the business side of technology, like conducting research, obtaining patents, creating a company, raising capital, and executing marketing programs. Supporting them at every level is an army of thousands of selfless, dedicated Volunteers, Mentors, Coaches, Sponsors, educational institutions, and government officials offering guidance, knowledge, enthusiasm, and financial support.



# A life changer

One of the triumphs of *FIRST* is that it melds together people of all ages and backgrounds who can make a positive impact on how kids think about themselves and what they'll do with their futures. Not everyone on a team designs and builds robots. Some raise funds or create publicity. Others create team names, logos, and competition outfits. The collective skills they learn through *FIRST* introduce them to exciting career possibilities in a variety of fields.

# A platform for involvement

Experiencing explosive growth, *FIRST* programs continue to attract motivated individuals, institutions, and corporations that recognize that their support and participation helps youth now while sowing the seeds for huge future dividends for all of mankind. The international *FIRST* community hopes you'll consider joining our quest to change the world for the better by helping us engineer young futures, one at a time.



# FIRST Facts 2010

routh participants412,000+ (ages 6-1	
Mentors, Coaches, Volunteers, and adult Supporters90,000+	
Number of hours donated by Volunteers	
U.S. states participating50	
Countries participating57	
Scholarships available\$12.2 million from 136 providers	
Sponsors	
FIRST® Robotics Competition donated parts369,375	
Number of robots constructed17,644	
Growth of FIRST participation (over 2009)8%	
Participants who have a meaningful learning experience	

# FIRST participants are many times more likely to:

- Attend college
- Major and pursue careers in science or engineering
- Volunteer in their communities
- Secure internships
- Mentor students
- Become outstanding citizens

In college, FIRST participants are many times more likely to:

- Secure internships
- Pursue careers in engineering
- Minority FIRST participants are more than twice as likely and female participants are four times as likely to study science and engineering



5



FIRST®Robotics Competition
Grades 9-12 (ages 14-18)

FIRST® Tech Challenge

Grades 9-12 (ages 14-18)

FIRST°LEGO°League

Grades 4-8 (ages 9-16)

ages 9-14 in the US and Canada

Junior FIRST® LEGO® League

Grades K-3 (ages 6-9)

J.F.E.L.



pound robots of their own design in this varsity Sport for the Mind, combining the excitement of sport with the rigors of science and technology.

FTC teams develop strategy, build robots using a reusable, modular kit of parts, and compete head to head.

Students learn to think like engineers.

**FLL** teams build LEGO®-based robots and develop research projects based on a real-world Challenge that changes annually. Their activities are guided by FLL Core Values.

**Jr.FLL** teams design and construct a model with moving parts using LEGO elements and present their research journey on a "Show-Me" poster.

# High-school students get to:

High-school students get to:

Work alongside professional engineers

teamwork, and strategic thinking

Qualify for millions of dollars in scholarships

Learn and use sophisticated hardware and software

■ Be exposed to design, project management, programming,

- Design, build, and program robots based on sound engineering principles
- Get hands-on programming and rapid-prototyping experience
- Develop strategic, problem-solving, organizational, and team-building skills
- Qualify for millions of dollars in scholarships

# Children ages 9 to 16 (9 to 14 in the U.S. and Canada) get to:

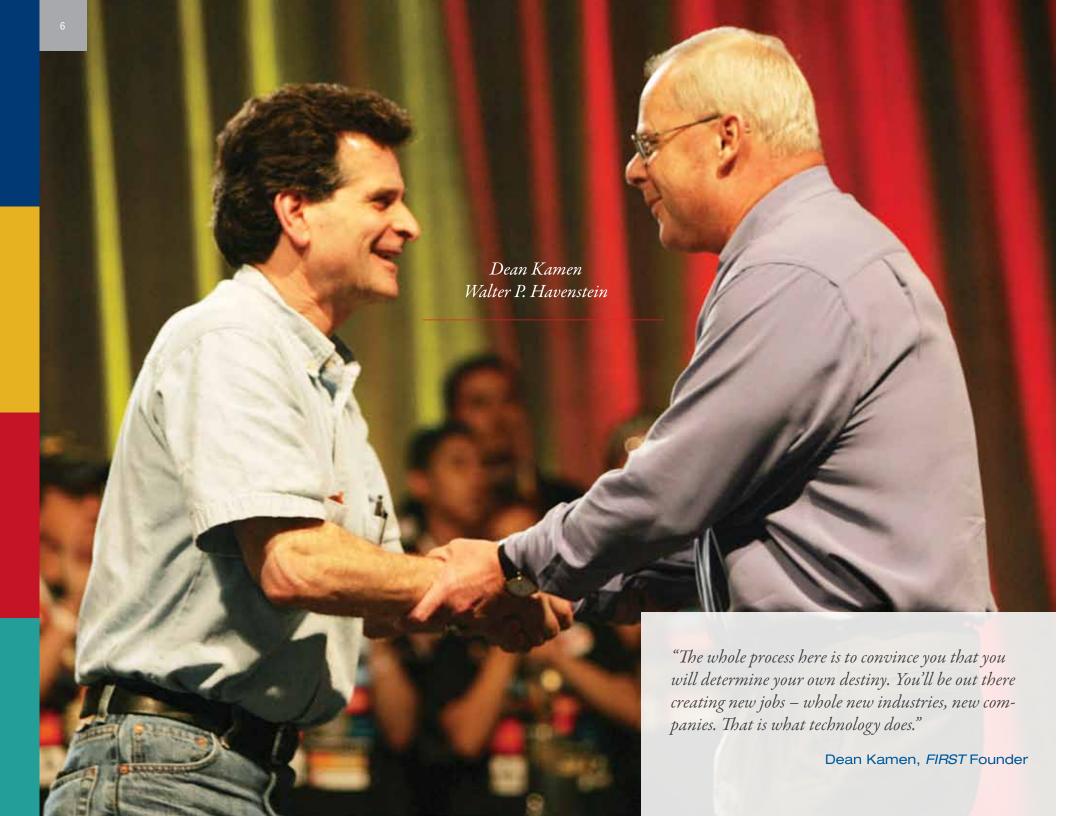
- Strategize, design, build, program, and test an autonomous robot using LEGO® MINDSTORMS® technology
- Create innovative solutions to challenges facing today's scientists
- Develop career and life skills including critical thinking, time management, and teamwork
- Become involved in their local and global community

# Children ages 6 to 9 get to:

- Explore challenges facing today's scientists
- Discover real-world math and science
- Engage in team activities guided by Jr.FLL Core Values
- Begin developing employment and life skills

"You represent the best of what our country has to offer. You're smart, you're talented, vou're hard working, you're creative, you're working together. And what you are going to accomplish – not just in school but for the rest of your lives – makes me unbelievably hopeful."

Arne Duncan
U.S. Secretary of
Education



We continue to be amazed by the "life engineering" stories that filter through *FIRST* on a daily basis and are shared throughout this document.

These are the stories of kids who shied away from science and math; who found it nothing but drudgery, and then ended up going to college for an engineering degree with scholarships provided by our Sponsors. These are the stories of extraordinary adults looking for a meaningful way to give something back who are suddenly running regional *FIRST* events for thousands of kids. These are the stories of Sponsors who became involved a decade ago and now employ the bright young people who came through their local *FIRST* program.

What's extremely gratifying is that *FIRST*, more than any other youth-oriented program, truly does help "engineer young futures," and, in a bigger way, a better future for us all. The concepts, creative problem-solving skills, teamwork, and collaboration that *FIRST* participants learn early on are the crucial "life engineering tools" they'll carry with them into college, exciting careers in innovation, and life in general.

We marvel at the fact that while the importance of STEM education is only now being recognized as a national priority, *FIRST* has been championing that very idea since 1989. We feel extremely fortunate to be representing *FIRST* when we listen to world leaders talk about how the future belongs to the innovators, and how the U.S., in turn, needs to adjust its attitudes about STEM in our schools. We still hope and work for the day when *FIRST* programs are available for everyone who dreams of developing the next generation of technological wonders and advances. What better way to help create the innovators of tomorrow than by exposing our youth to the wonders of science and technology and helping them nurture a love for exploration and discovery, as the *FIRST* family of four "building block" robotics programs so aptly accomplishes?

On behalf of the *FIRST* board of directors and staff, we offer our sincere and humble thanks to the tens of thousands of Volunteers, Sponsors, Mentors, Coaches, teachers, parents, friends, and fans that make *FIRST* run and help it continue to grow. Your unheralded contributions of time, talent, and resources are truly inspirational. We very much look forward to our shared future together.

Dean Kamen, FIRST Founder

Walter P. Havenstein, FIRST Chairman

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Leadership.



# Engineering young futures, indeed.

That's what drew me to *FIRST*. For many years, I have watched this organization emphatically impact the future. While I served as Undersecretary of Commerce & Director of the United States Patent and Trademark Office, I witnessed firsthand what a single invention could do to change a person's life for the better. We granted patents to individuals as young as 6 years old during my seven-year tenure. And yet, what *FIRST* does for each individual participant is truly unparalleled.

I am amazed at how many *FIRST* participants go on to become the next generation of inventors, instrumental in the workplace, and leaders in their communities. It makes one hopeful about what the future will look like with *FIRST* kids in the mix, thanks to our more than 90,000 Volunteers who continue to inspire by serving as Mentors, Coaches, tournament organizers, fundraisers, Sponsors, emcees, drivers, and a myriad of other jobs. Because of all of you, *FIRST* accomplished yet another record year in 2010.

The growth and impact of *FIRST* continues at a pace of which any corporate CEO would be proud. The Junior *FIRST* LEGO League (Jr.FLL) program grew by 20 percent for the second consecutive year. A middle-school team in *FIRST* LEGO League (FLL) filed for a provisional patent on a smart automotive steering wheel that reminds drivers not to text. *FIRST* Tech Challenge (FTC) was the reason that one school in Chaffee, Missouri – a city with a population of fewer than 3,000 residents, many of whom live below the poverty line, and with a high-school graduation rate of less than 50 percent – improved its statistics when 100 percent of the FTC team members applied for admission to college. But, the most impactful findings come from our *FIRST* Robotics Competition (FRC) and other program Alumni whose stories you will read in these pages. They are working at major corporations and in government; they are attending colleges and universities; they are graduating to the next level of the *FIRST* family of programs; they are making a difference in their communities; and they are coming back to *FIRST* to help the next generation "engineer a future."

There are thousands of such stories of inspiration, innovation, and contributions of time, talent, and resources to develop the science and technology leaders we need in our future. The 2010/2011 season will see new technologies introduced into the *FIRST* family of programs; an increase to more than 100 FLL Championship Tournaments in over 55 countries; double the previous number of FTC events, including pilots in India, China, and Romania; new FRC Regional events in Minnesota, Tennessee, Texas, Washington, and Ontario, and an additional *FIRST* Robotics District Competition in Michigan.

Despite unprecedented economic challenges, *FIRST* was able to engage more youth for another record year of team growth through the efforts and financial support of many dedicated people. We are poised to do so again in the coming season, and I thank you for allowing me to join in and become a part of the passion that is *FIRST*.

Jon Dudas, FIRST President

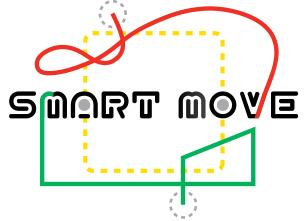


# Junior FIRST® LEGO® League

For the second consecutive year, the Junior *FIRST*<sup>®</sup> LEGO<sup>®</sup> League (Jr.FLL™) program grew by 20 percent, engaging 1,448 teams in the Jr.FLL "Smart Move" season. Guided by an adult Coach, teams of up to six kids, ages 6 to 9, researched the transportation process associated with moving a selected person, animal, or thing from place to place. They then used LEGO® elements to build a model with a motorized part and developed a coordinating Show-Me poster to illustrate their transportation journey. Through this real-world Challenge, the children were introduced to the concepts of teamwork and basic design skills, creating an initial interest and hands-on approach to science and technology.

"Our students have learned that teamwork is hard work, but that everyone is happier at the end of the day."

The McIlwraths, Jr.FLL Coaches



Jr.FLL teams rely on committed individuals and organizations in their local community to host and organize events. The events provide an opportunity for teams to showcase their work and meet other teams that share a similar interest in science and technology. An event can be as simple as a meeting of a team, families, and friends to share what was learned — or may include many teams sharing in a public venue. UMBER OF TEAMS

"The kids are so creative. They always come up with ideas that I would never think of!"

Judy Jackson, Jr.FLL Coach

Vivake Kumar and Nicholas Rossitto, Jr.FLL Alumni and current FLL Team Members

# Junior FIRST LEGO League: A stepping stone to future challenges

When Vivake Kumar and Nicholas Rossitto initially joined Junior *FIRST* LEGO League in Unionville, Connecticut, their interest in science and technology was "zero, zilch, nada," according to Coach Kavita Saxena. But all that soon changed.

While members of Jr.FLL, Kumar and Rossitto became proficient in many basic techniques, including the ability to use motors and battery packs to make models move, and building simple machines to form a base for more complex building.

Once they reached the fifth grade, the two were ready to try something more challenging, like building autonomous robots, and joined *FIRST*® LEGO® League (FLL®) "Team Genius." In addition to sparking their interest to move up to the next level, Coach Saxena says the boys' involvement in Jr.FLL helped foster an interest in Technic LEGO elements such as cam wheels, axle extenders, and rack and pinion gears, and encouraged them to tackle more difficult building tasks at the FLL level.

Kumar says in Jr.FLL he enjoyed learning about real-world scientific challenges like nanotechnology and climate. Now in sixth grade, he is excited about exploring and learning even more in FLL, including helping to build and program the team's robot, "Vincent."

Fifth grader Rossitto says being part of Team Genius is fun. "We are all learning new skills such as computer programming, PowerPoint®, and public speaking."

"Both boys are great builders. Vivake excels in the robot-building area, while Nicholas comes up with very creative project ideas and excels in research," says Coach Saxena.

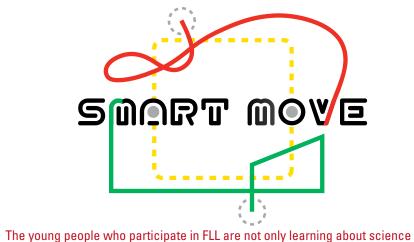


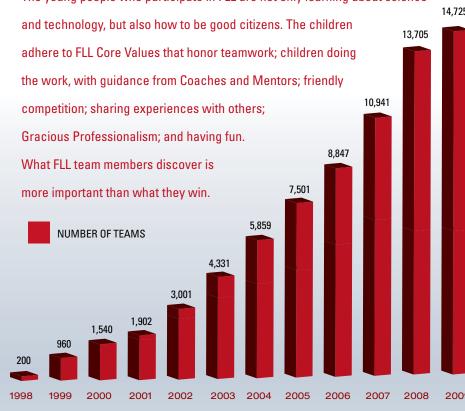
# FIRST®LEGO®League

In its 11th season, FIRST® LEGO® League (FLL®) grew to a total of 14,725 teams participating in 56 countries. The 2009 "Smart Move" Challenge asked teams comprised of 9 to 16-year-old children (9 to 14 in the U.S. and Canada) to design and program custom, autonomous robots and research solutions to issues in modern transportation. Using LEGO MINDSTORMS® technologies and LEGO Education materials, more than 147,000 children explored solutions to today's transportation safety and efficiency problems through robotic missions including object avoidance, passenger transport, and crash tests. In addition, they were tasked with choosing one problem with transportation and developing innovative ideas to make the transportation problem safer and more efficient. The season included more than 450 qualifying events, 89 Championship Tournaments, two Open Championships, and the FLL World Festival, where 84 teams gathered to share and celebrate their accomplishments.

"Being in FLL gave me a good idea of what engineering is. It was presented in a form that I could grasp at a young age. The discovery that, even as a kid, I could come up with concepts and build things opened up a whole new world to me."

Sean Kleinschmidt, FLL Alumnus, Engineering Student at Purdue University





"It's exciting to know that we helped find an answer to a real-world problem, and that, through our research, we were able to bring our creative solutions to community organizations, and help make a difference."

Amiel Patton-Hall, FLL Team Member





Marissa Rosanio, FLL Alumna, Delaware

# FIRST can help students overcome intimidation about science

Marissa Rosanio has always been interested in science, so it's no surprise that she was recruited by a favorite teacher to join the *FIRST* LEGO League founding team at St. Mary Magdalen School in Wilmington, Delaware.

As a high-school student at Padua Academy, she became a member of Team "Moe Knows" and often helped her father, Louis Rosanio Jr. — now an FLL Operational Partner in Delaware and former Coach of the team — at various FLL competitions. Although initially not interested in engineering, Rosanio was always intrigued by science. After her presentation about global warming at an FLL competition, she says, "I truly enjoyed learning about global warming and connecting that issue to how engineering and robotics could potentially improve a much larger, real situation."

Rosanio says the benefits of joining a *FIRST* team are many. In addition, she admits that many younger students — especially girls — can be intimidated by science, but *FIRST* can make science more accessible.

Rosanio graduated from Penn State University in 2010 and has been able to funnel her science interest into nursing. She currently works as an adult transplant nurse at Georgetown University Hospital in Washington, D.C., and says she often applies the principles of engineering while on the hospital floor.

"I think FIRST allows students to express their genius and explore exciting career opportunities, especially for young girls. More women are needed in science, and FIRST gives you a jumping off point."



# FIRST® Tech Challenge

In the 2009/10 season, *FIRST*® Tech Challenge (FTC®) continued to serve as a driver of growth for *FIRST*, with more than 11,000 high-school students on 1,111 teams competing in 50 Championship Tournaments in four countries. One hundred teams earned a coveted spot to compete in the World Championship in Atlanta. In the FTC "Hot Shot!™" game, teams of up to 10 students used a combination of sensors including infrared tracking (IR), line following, ultrasonic, touch, and more, to program their robots to operate in both autonomous and tele-operated modes. Robots executed both offensive and defensive strategies to score balls into a rotatable center goal and off-field goals. Guided by adult Mentors and using engineering principles complete with an engineering notebook, FTC teams designed, built, and competed with a reusable robot kit using a variety of programming languages.

"FTC has opened many girls' eyes to the fact that engineering is a bright path in which we can showcase our skill and dexterity. Where girls were once thought to be harmless competition, FTC has shown that we are a fierce threat to those who underestimate our engineering prowess and determination."

Olivia Rerek, Member of FTC Team 118 "The Techno Chix"



FTC is an intermediate robotics program that offers high-school students (ages 14-18) the chance to develop strategy, design and build robots, and compete head to head using a sports model based on sound engineering principles. Working with industry professionals, students are introduced to the engineering process, get hands-on programming and rapid-prototyping experience, and learn the value of problem-solving, organizational, and team-building skills.

"FIRST will challenge you to challenge yourself. It will help you face problems head on and work as a team so that you can succeed."

Patrick Pilvines, FTC Alumnus



Patrick Pilvines, FTC Alumnus

# FIRST Mentor says you can win for losing

Winning isn't everything, says *FIRST* Mentor and former *FIRST* Tech Challenge (FTC) team captain Patrick Pilvines. Rather, Pilvines says the most important lesson he learned from *FIRST* had more to do with losing.

It happened at the 2005 FIRST Championship when "Team Unlimited" lost its last match. Although the team received a personal victory, they were eliminated from the competition. The positive outcome of losing came when they received some unexpected advice from Grant Imahara, well-known electronics expert of the popular TV show Mythbusters. Imahara reviewed what went wrong and advised the team how to avoid similar mistakes in the future.

Pilvines says the day's events made a lasting impression and influenced him to become a mechanical engineer. "It taught me to see the possibility in failure and learn from my mistakes."

Through his experience with FTC, Pilvines says he has acquired expertise that will aid him throughout his life. Things like public speaking, understanding programming code, and designing CAD models and finished products that meet specifications are all examples of real-life skills learned while a member of his FTC team. Currently a mechanical engineering major at Rensselaer Polytechnic Institute (RPI), in Troy, New York, Pilvines stays connected with *FIRST* through mentoring in which he conducts seminars, volunteers at tournaments, and provides design advice via email.

"FIRST participants are the future engineers and scientists of our generation.

Helping them learn is one of the most rewarding experiences anyone can have."



# FRG FIRST®Robotics Competition

In the FIRST® Robotics Competition (FRC®) program's 19th season, more than 45,000 high-school students (1,808 teams, including 274 Rookie teams) from 12 countries took on the BREAKAWAY® engineering challenge. Three-team alliances competed on a 27-by-54-foot field with bumps, attempting to earn points by collecting soccer balls in goals during a two minute and 15 second match. Additional bonus points were earned for each robot suspended in air and not touching the field at the end of the match. Teams participated in 44 Regional Competitions, seven District Competitions and one State Championship in Michigan, and the international Championship at the Georgia Dome, Atlanta, Georgia. Team members were eligible to apply for more than \$12 million in college scholarships from 136 providers.

"FIRST is a program that can really help guide future professionals into their professional lives — most notably in the interest it promotes in the STEM fields."

Gina Sweet, FRC Alumna



In 2010, FRC introduced the Dean's List Award to recognize outstanding student leaders whose passion for and effectiveness at attaining *FIRST* ideals is exemplary. Ninety-two Finalists and ten FIRST Dean's List Student Superstars were selected from a pool of 500 outstanding nominations. From among the Superstars, all six seniors are now enrolled in college engineering courses. A true testament to the FIRST mission and values. this group will help grow and engage the FIRST Alumni Community. IUMBER OF TEAMS 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010

"Being on a robotics team for the past two years has flipped my world upside down and back again. I found myself in awe of the fact that I significantly contributed to something this wonderful."

Suki Berry, FRC Team Member, California



Gina Sweet, FRC Alumna; Test Engineer, General Motors

# Says FRC experience was critical to career opportunity

Known by many of her colleagues at FIRST as a "poster child" for the organization, Gina Sweet admits she didn't originally intend to pursue a career in one of the science, technology, engineering, and math (STEM) disciplines. However, as an eighth grader in Milford, Michigan, the seeds were sown when her class became involved with FIRST Robotics Competition (FRC) Team 67 and helped pilot the local FIRST LEGO League (FLL) program.

Once at Milford High School, Sweet joined Team 67, The HOT ("Heroes of Tomorrow") Team, and, by her junior year, was in charge of wiring the team's competition robot. Sweet says that thanks to her FRC experiences, she became proficient in design, assembly, and electrical knowledge. In addition, she acquired leadership and time management skills, learned how to focus under pressure, and how to work together to accomplish a common goal.

Sweet, who graduated in 2007 with a degree in electrical engineering from Kettering University in Flint, Michigan, says she would not have pursued a career in the field if not for her connection with The HOT Team at FIRST. Sweet is now a test engineer in the Global Battery Systems Lab at General Motors (GM) and believes her experience with the FRC team was critical to her job offer. While at Kettering, Sweet also participated in the co-op program at GM — The HOT Team's original partner and Sponsor.

Today, Sweet is a Mentor for The HOT Team, sharing her expertise with the team's electrical/controls systems and mechanical build/machining groups. She also helps with field build activities and supports teachers with student tracking and monitoring at various events.

Sponsors

In addition to the formal Sponsors, Suppliers, and Contributors acknowledged on these pages, FIRST extends its sincere appreciation to the tens of thousands of Volunteers who generously devote their time and expertise, and the thousands of Sponsors of FIRST Robotics Competition, FIRST Tech Challenge, FIRST LEGO League, and Junior FIRST LEGO League teams and events. FIRST could not achieve the powerful impact it does without this tremendous support.

FIRST thanks all of its Supporters and makes every effort to ensure complete and accurate listings. If we've made an error, please accept our sincere apology, and please help us correct it by letting us know at 1-800-871-8326

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"It was because of FIRST that

I decided to become a

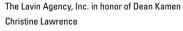
mechanical engineer."

Jennifer Mori, FLL Alumna Florida Institute of Technology Class of 2012 Mechanical Engineering



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Chris Fultz, Program Director at Rolls-Royce Corporation 2010 Woodie Flowers Award Recipient

# FIRST Mentor Fultz says it's all about the bigger picture

For Chris Fultz, Program Director at Rolls-Royce Corporation in Indianapolis, a FIRST experience is not just about robotics. It's also about the bigger picture.

"In some ways the robot is a distraction. It's really about defending your ideas, being proud of your accomplishments, and understanding the concept of teamwork," says Fultz, who is a FIRST Mentor and the recipient of the 2010 Woodie Flowers Award. The award honors MIT Professor Emeritus Woodie Flowers and his contribution to engineering, education, and communication by recognizing FIRST Mentors who inspire and empower through excellent communications skills.

Fultz is the personification of the Woodie Flowers Award: he encourages students not only to compete, but to volunteer, learn, and lead through their actions. Clearly loved and respected by FIRST Robotics Competition (FRC) Team 234 "Cyber Blue," Fultz earned the award for a variety of reasons: an ability to lead and nurture his team, to provide internship and mentoring opportunities to FIRST students, and to solicit key sponsorships for the organization.

Team members say Fultz teaches by example and guides them with a clear vision while encouraging each to seek out new challenges, explore innovative ideas, and expand their community outreach. In addition to fostering leadership and presentation skills, Fultz has made an impact on the team by implementing "real world" engineering techniques through formal game requirements and robot design. As such, Team 234 participates in a critical design review process where a panel of FIRST Sponsors and professional engineers critiques team members on how they present and defend their ideas.

Fultz has been instrumental in Rolls-Royce's funding of numerous central Indiana FIRST teams. Championship forums, and regional events, and has helped grow the Indiana Robotics Invitational to 72 global teams.

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FIRST is all about educational opportunities. In 2010, all *FIRST* Robotics Competition (FRC) team members were eligible for over 746 scholarship opportunities, valued at more than \$12.2 million. FIRST Tech Challenge (FTC) students were eligible for more than \$7.8 million of these scholarship funds.

The majority of *FIRST* scholarships are provided by colleges or universities for enrollment at their campuses. The rest are provided by corporations and professional associations and are awarded for use at any school. Listed in this 2010 report (pages 20-22) are 136 FIRST Scholarship Providers. 12 of which are new this year.

Some *FIRST* scholarships are awarded for special majors such as engineering, math, science, computer science, or technology. Others can be used for any course of study. The values of scholarships vary from full tuition to under \$1,000. Most are renewable annually if the student maintains an acceptable academic average.

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"There are always differences of opinion and more ideas than you'll ever be able to implement, but working through them and bouncing ideas off of each other is a very rewarding process." Melissa Corley, FRC Alumna; Captain,

United States Air Force; doctoral candidate, Naval Postgraduate School

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Rockwell Collins - Cedar Rapids, Iowa 2010 Founder's Award Recipient

# Rockwell Collins exemplifies FIRST mission

Rockwell Collins and FIRST have a lot in common through a shared mission to support the fields of science, technology, engineering, and math (STEM).

Thanks to these shared goals, Rockwell Collins has been a long-standing sponsor of *FIRST* and was recently recognized for its support with the 2010 Founder's Award, which honors exceptional service in advancing the ideals and mission of FIRST.

Accepting the award on behalf of Rockwell Collins was President, Chairman, and CEO Clay Jones, who commented on the strong partnership. "Our goal is to engineer experiences from elementary school through high school... by creating positive math and science experiences for students of all abilities and backgrounds, in schools of all sizes, and from urban to rural locations... to inspire the next generation of engineering talent."

A FIRST Strategic Partner and Official Program Sponsor for the FIRST Tech Challenge (FTC), the company's investments have supported FIRST in numerous ways. Rockwell Collins has pledged \$1 million per year to fund competitions and sponsor hundreds of programs and teams throughout the country. In addition, the company's employees and retirees act as Volunteers, leading teams and providing technical mentorship, coordinating regional events, and judging robotics competitions.

# FIRST founder Dean Kamen applauded Rockwell Collins for its efforts.

"Through its leadership endeavors, Rockwell Collins has played a significant role in the education of our future innovators, dramatically increasing the FIRST presence across our nation, and, in turn, setting the standard for corporate involvement in creating the country's future workforce."

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Rob Healey

Healthcare Facilities Management Society of New Jersey

Heart 4-H **Heat Transfer Systems** 

Hebrew University, Engineering Faculty HECO

Heights Rotary Greg Heilman

The Heinz Endowments Hendricks Fabrication Henline Towing, Inc.

Hennepin Technical College The Hennessy Family Foundation

The Henry Ford Hepburn Engineering Herff Jones Sales Recognition

Herzing College Herzliya Municipality **Hewlett-Packard Corporation** 

Hewlett-Packard - Vancouver **Hexcel Corporation HHS Robotics Booster Club** Mike Hickey

Hickman Mills Educational Foundation Higgs Technical Consulting **High Point Solutions** 

High Tech Laser & Engraving Hijinx Comics

Hill & Company Tulsa LLC Hill Air Force Base

Hillsborough Education Foundation

Hilltop The Hinckley Research Corporation

Hitachi Hitachi Automotive Hitachi-powertools-s.Efrati

Hitec RCD HiTech Assets, Inc. Hi-Tech Mechanic

**HK Plastics** HK Systems Inc.

H.M. Hillman Brass and Copper, Inc.

Dr. L.L. Hoberock **Hobin Construction** Hod Hasharon Municipality Hod-Assaf Industries Ltd

Hoffman Enclosures Holland Area Poker Players Holland Town Center

Hollis & Miller Architects Hollow Steel LLC

Jenny & Bill Holmes Holt & Bugbee

Holy Trinity School Council The Home Depot

The Homeschool HUB Honda of America Manufacturing, Inc.

Honeywell Honeywell Aerospace Honeywell FM&T LLC

Honeywell Hometown Solutions Honeywell International Inc.

Honeywell-Tridium Hooked on Science Program

Hooker Furniture Corporation Hoover Sheet Metal The Hoselton Foundation HostRocket.com

Houghton Mifflin Harcourt Houston Auto & Airbag Electrical, Inc.

The Houston Endowment, Inc. Houston FIRST Houston Robotics

HotChalk

Howard County Public Schools

Bob Howard HR Textron Inc. HSBC Bank USA

Hudson Farm Foundation Hughes Farm

Huizenga Group

Humber River Regional Hospital Foundation Hunter College High School Alumnae

Hunter College High School PTA Husqvarna

IAF - Depot 22

IBEW Local 280

Hydraguip Hygrade Precast Concrete

Hygro-Serv Inc. Hytek Plastics I & G Tooling, Inc. i3 Detroit IAF Association

IAI - Lahav IAI - Lahav & Mahui IAI - Mabat IAI - Ramta IAI - Malat iBall Instruments

IBM

IBM Corporation, Hazelwood, MO IBM T. J. Watson Research Center

ICAM ICC Engineering

ICO Polymers Idaho National Laboratory

FIRST Board Member

Idaho State University GK12 IDEO

**IDEXX Laboratories** 

IDF 108 IEEE

IGM

IEEE Canadian Foundation

IEEE Coulee Subsection IEEE Foundation

ILC Alumni Association ILC Dover, Inc.

Illinois Institute of Technology

Illinois Institute of Technology, Digital Media Center

Illinois Manufacturing Foundation IMG Photography

IMH Steel Impact on Education

IMPI Robotics

IMT York LLC

I/N Tek I/N Kote (a subsidiary of ArcelorMittal Worldwide)



Incodema INCOTEC Independent Learning Systems Inc. Indian Peaks ACE Hardware Indiana Department of Workforce Development Induni NorthWest

Industrial Metal Supply Industrial Solutions Ltd Infineum

InfoPlus Infrared Remote Solutions

Imprimis, Inc. IMS

ImTech. Inc.

Intelligent Automation Inc. Interlake High School PTSA Intermec Corporation International Coal Group International Paper Corp. International School PTSA International Technology Solutions, Inc. Interstate Batteries Intralox, LLC Intuitive Surgical, Inc. Inventory Sales Co. The Investment Consulting Group Iowa Fluid Power Iowa Space Grant Consortium

> IPEI Iridescent Iron Horse Development Iscar Iscar & Torag & Galila Foundation Islander Group Israel Air Force Israel Aircraft Industries Israel Navy Ship Yard Issa Family Foundation Issaguah Schools Foundation IST

IPAA

Ingersoll Rand

Innovative Metals

Insight Technology, Inc

InSynergy Engineering

INT Technology

Integra Foundation

Integra Telecom

Intel Corporation

Intel Israel

intelitek

Integralis

**Innovation Consulting Partners** 

Innovative Manufacturing Solutions

Innovation First International

Instrument Society of America

Integrated Control Corporation

Intellectual Property Research

Intellectual Ventures

Integrated Controls, Inc

Integrated Medical Supply

Inmarsat

INSA

Isthmus Engineering & Manufacturing Jefferson Lab Martha Holden Jennings Foundation Jens Studios Jerusalem City Hall Itasca Community College Jerusalem Municipality ITC: Integrated Testing and Control Jet Propulsion Laboratory JetBlue Airways JETS J.J. Downs Industrial Plastics Inc. JLP Enterprises LLC ITT Power Solutions J-M Distributors ITT Technical Institute JM Mechanical ITT Technical Institute - Arlington, TX JM Welding ITT Technical Institute – Arnold, MO JMC, Inc. ITT Technical Institute - Baton Rouge, LA JMP Racing ITT Technical Institute - Everett, WA John Deere ITT Technical Institute – Tucson Campus John Deere Horicon Works John Deere Waterloo Operations John Henry Foster Company John M. Downey: Carpet Cleaning John Tyler Community College Johnny Carino's Johnny's Pizza Jackson and Tull Jacobs Engineering Group Johns Hopkins Pathology Johnson & Johnson Irwin & Joan Jacobs Jacobs Technology Jacobs Technology ROME Group Jaguar Affiliates of Southeast Michigan James Madison University James Madison University College of Integrated Science and Technology James Madison University Education Outreach Janco Electronics Janssen Pharmaceutica Janus Research Group, Inc. Jones Family Foundation Jarrett Welding

IT Kauai

itaas Inc.

ITEA

ITT

lturan

ITW Drawform

J Embedded

J&F Machine

Ron Jachim

Jacobs, ESCG

Jay-Cee Sales & Rivet Inc.

JCPenney Afterschool Fund

Jeff White, CFP and Company

Jefferson Adult Boosters

JDM Systems Consultants

**JBC** Technologies

Jech Technologies

JBT FoodTech

JCPenney

JEA

JEF, Inc.

J.B. Construction & Development Inc.

Itron, Inc.

ITT Industries

Italske USA

Johnson & Johnson Consumer and Personal Products Worldwide Johnson & Johnson PRD Johnson & Johnson VISTAKON Johnson Books & Stuff Johnson Controls Foundation Johnson Controls, Inc.

Johnson Research and Development Co., Inc. Robert Wood Johnson Foundation Joint Astronomy Centre

Jordan Fundamentals The Jordan Fundamentals Inspiration Grant

Program Jostens Jova Soccer JP Fabrication & Repair JPMorgan Chase

JR & Co., Inc. JR Automation Technologies, Inc.

JRLON JT 3 LLC

> Jubilee Housing Initiative & Community **Development Corporation** Judson University

Julies Variety Store J.V.P Studio J.W. Faircloth and Son G. Michael Kabot, DDS

Kai Media & Marketing Kaloke Technologies Inc.

Kamag Dean Kamen

Kansas City Missouri School District Kansas City Power & Light

Karl Mey's Collision & Paint Center Dean Karl & Verna Lou Reid

Kastle Grinding KatArt Kathy's Music

Kauai Economic Development Board (KEDB) Ewing Marion Kauffman Foundation

Kaushal Family Kavdon Kavdon Bearings Kaz Inc.

KBR, Inc. KC Game Fair KC Machine

KC Pro Jocks, LLC KCP&L

**KCScout** 

Kearney Commercial Bank Kearney Lions Club Kearney Optimist Club

Kearney R-1 Education Foundation Kearney Rotary Club Kearney Trust Company

Keihin Michigan Manufacturing, LLC Kelly Aviation Center (an affiliate of Lockheed Martin Corporation)

The Kelly Group Kenexa Kennedy Associates Ken-Tronics

Kentucky Engineering Foundation Kepco Inc.

Kettering University Kev Technologies Inc. Kfar Yona Municipality

KG Projections, Inc. Mohammad Khosrowierdi

Kicker-Stillwater Designs

Msgt. Gary Kimball Kimberly-Clark Corporation The Kinna Family Kionix Kissick Family Foundation Kitchell Kittle's KIUC Kiwanis Club of Cheshire Kiwanis Club of Cleveland Kiwanis Club of Danville Kiwanis Club of Eustis Florida Kiwanis Club of Mount Dora, Florida Kiwanis Club of Ramona Kiwanis Club of Riegelsville Kiwanis Club of West Branch Kiwanis International Kiwanis Morning Club Klimisch, Inc. Collision Repair Specialists KMT Robot Solutions Knapp Telecom Group KnappWerks Knesal Engineering Services, Inc. Knights of Columbus Knorr Brake Corporation The Knotts Company Dr. Dennis & Peggy Knox **Koger Air Corporation** KOH Institute Kohler Company Kohl's Corporation Kokoleka Chocolate Komax Group KOPCO Kostal KPMG Krato Defense Krieger Machine KTM Services Inc. KTS Tooling Kuka Assembly & Test Steve & Deborah Kula Gordon Kuwada L D Inc. L-3 Communications L-3 Communications ComCept Division

L-3 Communications Integrated Systems

L-3 Communications Narda Microwave

Labconco Corporation

The Lable Printers Leadership Center for Science & Engineering Laboratory for Atmospheric Leaf Sales Inc. and Space Physics Laboratory Robotics Interest Group Labsphere, Inc. Labview LaCour Ladish Co. Lafavette Steel & Aluminum Laird Plastics The Lake Bank Lake City Federal Bank Foundation Lake City Medical Center Lake Country Woodworkers Lake Eustis Community Foundation Lake Michigan College Lake Professional Engineering Services Lake Region Medical Lake Superior State University Lake Zurich Bear Boosters Lakeby Studios Lakeland Electric Laker Energy Products Lakeshore Agencies Lakota Robotics Boosters LAM Research Lamar's Donuts Marguerite Poindexter LaMotte, Board of Education Member, District 1 Lanco Assembly Systems Lanmark Technology, Inc. New York State Senator Andrew Lanza Lardner Elevator Company Laredo Women's City Club LARON Incorporated Larry's Machine Shop Larsen Design Las Cumbres Observatory Global Telescope LASA Robotics Association Richard Lasbury, DDS Laserflex South Lasersmith Lawai Cannery Logan County Commission Lawrence Technological University Logistics Health Lawson Booster Club London Tigers La-Z-Boy Inc. Lone Star College, North Harris LCF Amps

LCF Enterprises

Le Boulanger Bakery Los Altos

LEAP Lear Corporation Ledo's Pizza The Marie LeDoux Foundation Justin Lee Linda Lee Lee's Summit Hv-Vee Leis Machine Shop Leslie Zola Science Scholarship The Lesvna Families LeVic Plastics Leviton Lewis Marine Supply of Greenport Leyendecker Engineering LFR. Inc. Lian-Mueller Enterprises Liberty Township Life Technologies Lifetime Portable Buildings, LLC The Linde Group The Linley Group Linn-Mar Foundation Lio Lapa'au, LLC Lion Brothers Corporation Litchfield Bancorp Litchfield Education Foundation Livernois Vehicle Development Ed & Sue Lloyd Llovd Farms Llovd Industries Local Supporters of Team 3126 The Lock Box Lockheed Martin Canada Lockheed Martin Corporation Lockheed Martin Human Space Services Lockheed Martin Missiles and Fire Control Lockheed Martin Simulation, Training and Support Lockheed Martin Space Systems Loco Trendz

Loral Space Systems

Los Altos Rotary

Los Altos Community Foundation

Los Angeles County Regional Occupational Program Los Angeles Trade Technical College Love That Low Family Lower Merion Interschool Council Lower Merion School District Lowery Digital Dr. Richard & Ann Lowery Lowe's Home Improvement Loyal Business Machines LR Cannon Enterprises LSI Logic LSUS Dr. Hong Bin Lu & Hui Jiang Luck Stone Corporation Tom Ludorf Lufkin Industries Luminex Lund Engineering Luray Copy Service Lutron Electronics, Inc. Luzadder Inc. William G. Lyons III M & D Supply M3 Engineering M&K Metal Co. Mac Equipment Machine Medic Mack Tool & Engineering Mack Trucks, Inc.

Macklanburg-Duncan Company

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Madison Children's Museum

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MAIN Manufacturing

Making A Difference

Mallcraft Construction

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Maine State Credit Union

Mainstream Engineering

Magna Mirrors

Magna Automotive Seating

Macquarie University

Macv's Foundation

Make Great Things Happen Trust

Malone's CNC Machining City of Manassas Public Schools Education Foundation, Inc. Mandalay Dental Care Manhattan College Manhattan College School of Engineering Mantz Automation Marathon Oil Company Marathon Oil, Michigan Refining Division

Michael J. Margolis, DDS Mariani's Inn & Restaurant Marine Group Boat Works Mariner Mart Mark J. Traut Wells Inc. Mark R. Suess Interior Design Marguette University Marquette University College of Engineering Martinsville City Schools Marvin Windows Maspeth Press Inc. Mass Bay Engineering Massachusetts Institute of Technology



Master Carpet Care MaTech, Inc. Material Solutions Matson Maui Divers of Hawaii Maui Economic Development Board (MEDB) Maui Electric Company, Ltd. Maui Plastic May Technology & Mfg, Inc. Mayo Clinic Mayville Engineering Company Mazen Hamam The Mazza Family

"You students are at the top of

the mountain, at the pinnacle of

success, and what is it that you do?

You become the future guides to

help others climb the mountain."

Rick Stephens. Senior Vice

President, Human Resources and

Administration, The Boeing Company

McElroy Manufacturing

The McGraw-Hill Companies

McGilton Construction

Merck Mercury Computer Systems Inc. MB & R Engineering Inc. Meriden Board of Education MBS Mountainboards Meridian Services McCasland Foundation Merovan Office Center McConnell, Montalvo & Assoc, Inc. Metal Casting Technology McConnell's Fine Ice Cream and Yogurt The Metal Store McCormick Family Foundation Metal Supermarkets John McDermott Family Metal Tech McDonalds of Waterford Metalaser

Metapurple Ltd.

Meteksan System

Metco Machine & Repair

McGuckin Hardware Store McHale Creative McInerny Foundation Fred Mever McKesson Corp. Mever Labs MCL Holding Ltd. Mezier Enterprises MCL Machine Tools MGS Machine McLaren Health Care Miami University McMahon Foundation Engineering MCNC De Anza College Michelin MCNTMA McQ Inc. MDM Architects MDR Precision Machining Mead Johnson Nutritionals MicroDAO.com, Ltd. Mechanical Inc. Microfabrica Inc. Mecklenberg Electric Cooperative Microfinish Medahil Medalist Laserfab MediaFLOW LLC Medical College of Wisconsin MicroRAX Medical Device Solutions Microsemi Medtronic Foundation Medtronic, Inc. Medtronic, Inc., Memphis Meggitt Training Systems U.S. Meijer, Inc. Melching Machine Midland Kiwanis Melfred Borzall Melrose Credit Union Midrex Memorial Robotics Booster Club Mendon Foundation Mentor Corporation Mentor Graphics Corporation Mentor Search Mike's Home Repair Merchants Bank

Metro Sports Association Mexican American Engineers and Scientists Miami University of Oxford College of Michigan Advanced Robotics Competition Michigan State University Michigan Technological University Microchip Technology Inc. Micron Technology Foundation, Inc. Micron Technology, Inc. Micron Technology Virginia Microsoft Corporation Microsoft Israel R&D Mid Pacific Imports, Inc. MIDCON Data Services, LLC Middlesex County College Midgley-Huber and Carrier Corporation Mid-Michigan Robotics Alliance Mid-States Aluminum Foundation Midway Machine Technologies Midwest Fluid Power Midwest Research Institute Mililani High School Science Learning Milken Family Foundation Miller Bearings and Motion Systems Miller Environmental Herman Miller Foundation Miller Place PTO Miller Thomson Pouliot SENCRL LLP Millworks Custom Manufacturing Milouot Milwaukee Area Technical College

Milwaukee Family Practice

Milwaukee School of Engineering

MIMvista Min Plastics mindsensors.com Mine Lifeline, LLC Mingo Career and Technical Center Minnesota Power Minnesota State College in Fergus Falls, MN Minnesota West Community & Technical College Minnesota Wire And Cable Minnetronix Minnick Web Services Minuteman Press of Valleio Mission Critical Solutions, Inc. Mississippi Power MIT Club of South Texas Mitchell Academy of Science and Technology MITEQ. Mivtach Shamir Miyake Concrete Mizra Medical MJ Murray Photography MMRA Mobile Air Transport Mobileve Modern Industries Modern Machine Company Modiein-Macabim-Reut Municipality Moes Southwest Mohave Community College Monarch Instrument Monsanto Company Monster Accessories Montclair Society of Engineers Monterey Bay Aquarium Research Institute Moog Aircraft Group Ann & Donovan Moore Walter P. Moore Moraine Park Technical College Juana Morales Bashiri Mordechav Morehouse Engineering Morgan State University Morris Education Foundation Morris Machine

Morris South

George Mosher

Mother Nature's

The Motorola Foundation

Motorola, Inc. Motus Mount Dora Community Trust Mount Dora Lions Club Mountain Parks Electric MP Robotics Boosters MPT Drives, Inc. MS Delta American Legion Post 1776 MSI General Corporation MS0E MTA MTA New York City Transit MTC MTC Service Mueller Construction Mullen Motors M.J. Murdock Charitable Trust Murray Architects Musk Foundation Mustang Engineering Mustang Metal Mutant Robots Muza Metal Products MvLaptopGPS NAEA Energy Massachusetts, LLC Charles Nakoa III Nanakuli PTSA NASA Ames Research Center NASA Dryden Flight Research NASA Glenn Research Center NASA Glenn Research Center External Programs NASA Goddard Space Flight Center NASA Headquarters NASA Jet Propulsion Laboratory NASA Johnson Space Center NASA Kennedy Space Center NASA Langley Research Center NASA Launch Services Program NASA Marshall Space Flight Center NASA Robotics Alliance Project NASA Stennis Space Center Nash Construction Natanya Municipality National 4-H Council

National Academy Foundation

National Armature

PRP Inc

PSEG

PTC

National Auto Sales

National Highway Traffic Safety Administration

**National Instruments Corporation** 

National Job Corps National Oilwell Varco, LP National Science Foundation National Technical Systems

National, a Unit of Kimball International

NAVAIR North Island

Naval Post Graduate School Naval Research Laboratory

Naval Sea Systems Command (NAVSEA) Naval Surface Warfare Center Carderock Division (NSWCCD)

Naval Undersea Warfare Center

Naval Undersea Warfare Center Newport

Navy Surface Combat Systems Center (SCSC)

Nordson Corporation Foundation NCK Software

NC-MSEN NDIA

NBT Bank

Neff Press

Netafim

Neher Neighbors Empowering Youth

Nerac, Inc.

Netzer Metalcraft

The Neurosciences Institute

New Frontier 21

New Hampshire Ball Bearing New Hampshire Charitable Foundation

New Hampshire Technical Institute New Jersey Education Association (NJEA)

New Jersey Institute of Technology

New London Precision Instruments, Inc.

New Orleans Public Schools New South Parking

New Market Corporation

**New York Container Terminal** 

New Technologies, Inc New World Associates Northeast Utilities

New York Air Brake Consortium New York City College of Technology

The New York Yankees Newark Public Schools

The People of Newaygo County Newell Rubbermaid NewTown Solutions

Nexan Nexteer NGC Industries Inc.

Nick's Pizzeria NIDA Nike, Inc.

Nauman Hobbs Material Handling Niles Precision

NJIT. Newark Public Schools NKCBI (North Kansas City Bureau of Investigation)

> Noble Solutions Noblis Nola Family Nonin Medical

Norampac Incorporated NAVSEA Detachment Pacific The Nordam Group

Nordson Corporation

Nordson-Asymtek Norfolk State University

Norgren, Inc. North American Machine Works

North Atlantic Industries North Carolina A&T State University

North Carolina State University College of Engineering

North Central Michigan Community Foundation

North Dakota Space Grant Consortium North Fork Sanitation

North Fork Welding and Steel Supply, Inc.

North Idaho Discovery Association North Shore Federal Credit Union

North Shore Hanapa'a Club

North Shore Mining North Shore Oil and Propane North Shore Trade and Tech Program

North Star Electric North Star Technical North State Storage

Northeastern Pennsylvania Tech Prep Northeastern University

Northern Arizona University Northern Credit Union

Northland Area Federal Credit Union Northrock Industries, Inc.

Northrop Grumman Corporation Northrop Grumman Newport News

Shipbuilding Northrop Grumman Ship Systems

Northrop Grumman Shipbuilding Northrop Grumman Space Technology

Northrop Grumman Technical Services Northwest Vista College

Northwood Men's Club Norwich Glass

Norwich University David Crawford School

Notre Dame NOVA

of Engineering

Novum

Noxsel-Waddell Foundation NPC Robotics

NRG Engineering NRP Jones

NSBE-AEDC Nu Products Seasoning

Nuevo Vallartas

Numonyx Israe NuStep, Inc. Nuvation NuWind NVISIA

Nypro Inc.

**0&G** Industries

OCE Oceaneering

Oceaneering Space Systems Oceanit & Basil Scott

OctoberBest Regional High-Tech Show Odenthal Manufacturing

ODL, Inc. Odwalla Inc.

OEM Controls

Ohio State University

Office of Naval Research Office of Senator Gil Cedillo Office of Superintendent for Public

Instruction Office of the Superintendent of Public Instruction, Washington State Ohio Space Grant Consortium

OKC Life Member Pioneer Club Oklahoma College of Construction

Oklahoma Education Enhancement Foundation

Oklahoma Educators Credit Union Oklahoma National Guard

Oklahoma State 4-H Foundation Oklahoma State Department of Education

Oklahoma State University Oklahoma State University - Tulsa

Oklahoma State University College of Engineering, Architecture & Technology

Oklahoma State University – Institute of Technology

Old Point National Bank Olin College of Engineering

Olympus America Inc

OMAX Omnitech

Olson Plastics

ON Semiconductor, Inc. One Point Inc.

one1 OneLegacy

Ontario Power Generation

Onvio, LLC Optimal Controls Optimist Club of Coronado

Optimist Club of Oakville Optimist Club of Sacramento

Optimist Club of West Branch Orange Business Systems

Orange County Building Material Oranim Catering

Orbit Digital Media Orbital Sciences Orbital Technologies

The Oregon Community Fund Oregon State University O'Reilly Auto Parts Orotex Corporation

Jim O'Rourke Family

Oshkosh Corporation

ORT Ortho-Clinical Diagnostics, Inc. (a Johnson & Johnson company)

Ortho-Janssen-McNeil Pharmaceuticals OSDE Oshkosh Community Media Services

OSI OSPI

> **OSPI** Washington Osram-Svlvania OSU FIRST Othon Engineering

Otis Elevator Company (a United Technologies Company) Ottawa University

Technology and Engineering Club at

OU College of Engineering OUR Credit Union Our Proud Grandmas Outback Manufacturing Inc. Oxnard Precision Fabrication Ozdogu Insaat ve Ticaret Ltd. Pace Analytical

Pacific Geotechnical Engineers, Inc Pacific Precision Pacific Steel

Pacific Coast Metal

Pacific Gas & Electric

Palo Verde Nuclear Generating Station Panasonic Energy Corporation Panther Robotics Booster Club City of Paola

PAR Systems, Inc. Paradise Park

Paragon Films, Inc.

Parallax, Inc. Paratherm Corporation

Parent Association of The Bronx High School of Science

Parents of Bellarmine Robotics



Parents of QCHS Robotics Park Foundation Parker Parker Group Parker Hannifin Corporation Parker Hannifin Corporation Fluid Control Division Parker Intellectual Property Law Firm, PLC Parker Pneutronics

Parkrose Hardware

Los Angeles City Councilman

Bernard C. Parks

Peterborough Game and Hobby Petersen & Associates Peterson Manufacturing Pewaukee High School Booster Club PFG Optics Pfizer Inc. **PGP** Corporation Phadia Phase 2 Interactive

Phil Clancy Scholarship

Lew & Linda Phillips

PHD, Inc.

Parsons

P.A.S.T.

Partnership Alliance

The PAST Foundation

Patterson Enterprises

The Patuxent Partnership

Patrick Henry Community College

Patriots Technology Training Center

Pasco Scientific

Patrick Metals

PC Brokers

PDI Dreamworks

PEARCE Construction

Pearl Harbor Naval Shipyard

Pearson Packaging Systems

Pearl Harbor Naval Shipyard & IMF

Peak Plastics

**Brent Pederson** 

PEF

Pelco

Pedron's Storage Co.

Pelco Products, Inc.

Pelco Structural LLC

Pentair Corporation

Pentair, Inc.

PENTECH

PE0

PEPCO

Pentair Water

The Pentair Foundation

Pepin Manufacturing, Inc.

Pershing Square Foundation

Peer Consortium at JTCC

PEER Tech Prep Consortium

Peninsula Education Foundation Pennsylvania Space Consortium Pershing Square Capital Management LLP

Picatinny Arsenal Pioneer Pirelli Pit Madeiras Pitney Bowes Pizza Hut Pizza Time Placer Title Planet Hot Rod Plascore Plex Systems, Inc. PM Engineering PMRF PNC PNC Bank PneumaTrek, Inc. PNW AIAA Polaris Industries Polvtech Pom Wonderful Jersey

Phillips Welding

PHM Community

PHTool

Phoenix Engineering

Picayune Eye Clinic Piedmont Metal Fabricators Inc. Piedmont Technical College Pillar Innovations LLC Pioneer Hi-Bred International P.IM Interconnection Planet Fitness of Daytona Plas-Tech Coatings, Inc. Platt Electric Supply Plaving@Learning Plexus Corporation Pneumatic and Hydraulic Company, LLC Pointe Blank Solutions Polk Manufacturing Association Polytechnic University of P.R. Poole & Associates The Port Authority of New York and New

Port Ludlow Community Enrichment Alliance

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City of Poway

PRI Robotics Pribusin Price Chopper Price Engineering Pride Manufacturing PRIMEfind Print Sense SD PRIOR Prior Lake Optimist Club Pro Laser Pro Specialties Group, Inc.

**ProAct Marketing Group** 

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Procter & Gamble

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ProSci

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**Production Tool Supply** 

Profile Direct Marketing

Project Lead The Way

**Project Solutions LLC** 

Providge Consulting

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Powell Flectric

Power Workers' Union

Powell-Watson Toyota of Laredo

Pratt & Whitney PTC Instruments (a United Technologies Company) PTC Minnesota Pratt & Whitney Eagle SVC PTC Software Praxair The PTR Group **Pre-Cast Installation Specialists** Puget Sound Energy Precision Machine Pumpkin Precision Performance Technology Brian Purcell Precision Tool & Die Purdue FIRST Programs Precision Tool Technologies Inc. Roxie & Arthur Purpich Prefeitura de Gravatai Ocept Technologies Premier Technology Odoba Premier Tooling Systems QinetiQ North America PREP-KC QinetiQ PSI Presentation High School Mathematics & Qivilia Science Academy Quad Tech Pressure Tube Manufacturing QuadGraphics Prevention Network and Skillman Foundation QuadTech a division of QuadGraphics Quakertown National Bank QUALCOMM Incorporated Qualis Corporation Primum Group Technologies, Inc. QUEXCO Prince Georges County, MD

Queens College, CUNY Queen's University Quest for Excellence Quirk Chevrolet Qwest R & E Racing R&D Leverage R&D Precision R&D Tool and Engineering Racey Engineering PLLC Ralph R. Willis Career & Technical Center The Ralphs Family Ranana Municipality Rancho Santa Fe Security Professional Engineers of Ontario North Bay Ranken Technical College Rapid4Mation Rashi Foundation

Rappahannock Electric Cooperative Rashi Fund

Promation Engineering Ltd. Ratcliffe Foundation ProportionAir Corporation RAUK Enterprises Rayconnect

Raytheon Company

Raymore Peculiar High School

Ravtheon IDS Ravtheon NCS Raytheon Space and Airborne Systems RBRC, Call-2-Recycle RCB Bank RD Tool Recapture Metals Rechler Equity Partners Recticel North America Inc. Red Jacket Rotary Red Oak Instruments Refurbished Equipment Marketplace Regal Mold & Die Region One ESC GEAR UP Rehbein Enterprises New York State Assemblyman Bob Reilly Renaissance Man Rensselaer Polytechnic Institute Republic Paper Board Company Request Foods Research In Motion Reseda Women's Club **Resolution Copper Company** Retlif Testing Laboratories RF Micro Devices John H. & Ann G. Rhodes Foundation Rhodia Rice University Richmond Consulting Group Richner Air Conditioning John & Anne Richner Larry & Nancy Richner Riddell Sheet Metal Ride & Show Engineering, Inc. Riley Foundation Rinker Materials City of Rishon Lezion Rite of Passage Riverhead Building Supply Corp.

RPI Riverview Community Bank RKF Consulting **RM Systems Integrators** R.M. Towill Corporation Sacta Rashi Foundation Roadrunner Mobile Truck Repair SAE Mississippi Valley Robert Bosch Corporation SAE Northwest Section Robert Bosch LLC Safe Operation Service, Inc Robert Grooters Development Corporation Sagebrush BBQ and Grill

Roberts Automatic Products Roberts Tool Co. Roberts Wesleyan College The RoboBees Robotec Robotec Technologies (intelitek, Inc.) Roche Carolina Rochester Institute of Technology National Technical Institute for the Deaf Rockwell Automation, Inc. Rockwell Collins, Inc. Rocky Mountain Electric Motors Rodney Sweet Chiropractic Care Rogue Engineering Rolla Alumni of Beta Sigma Psi Aaron Rollison Memorial Fund Rolls-Royce RoMan Manufacturing ROP Contra Costa County, CA Howard Rose Rosemont Measurement-Emerson Rosendale Technologies, Inc. Rosh Ha'Ayin Municipality Ross Hankins Insurance Kevin Ross & Sue Adams Rossbacher Insurance Service Rotary Club de Santiago Rotary Club of Agincourt Rotary International Roush Honda Rowan University College of Engineering Rowe Engineering R.S. Phillips Steel RTE Technologies, Inc. Rural Oklahoma Community Foundation Ruskins Russ' True Value Art Ryan Jane Ryan Senator Greg & Betty Ryberg S & S Philpott LLC. S&C Electric Sachem Robotics Team 263 Booster Club

Saina St. John Properties Inc. St. Jude Medical, Inc. Salt River Project Sam's Club S.A.M.E. Samson Oil and Gas Samuel San Antonio College San Antonio TAME Education San Diego State School San Jose Job Corps Sandvik, Inc. Steve Sanghi Santa Barbara County ROP Santa Clara University Santee Cooper Sapsis Rigging Inc. Saratoga Rotary Club Faith Sarfarazi, MD SASOL North America Saucier Mechanical Services Inc. City of Sault Ste. Marie Savannah River Nuclear Solutions

SBI Contracting, Inc.

Scarborough Toyota

Schefers Roofing Company

Dean Scherman Memorial Fund

SCHEV (State Council for Higher Education

Schaeffler Group

Schenck Rotec

Scherer Trucking

in Virginia)

Scalley Reading Bates Hansen & Rasmussen

**Schilling Robotics** Jon Schimpf, PDCLLC St. Cloud State University's Electrical & Computer Engineering Department Schluchter Investment Schneider Electric Company St. Jude Medical Foundation Schneider National **School Construction Consultants** St. Mildred's Lightbourn Parent Association Incorporated School District of Oconee County St. Paul Machine & Design, Inc. Schroeder Torsion Bars St. Tammany Parish School Board Christine Schulze Foundation Salamander Technologies Les Schwab Salem County Community College The Science and Technology Group Salina Regional Health Center Sam O. Hirota Engineers & Surveyors San Diego College, Career & Technical The San Diego County Fair San Diego County Sheriff's Department San Dieguito Academy Foundation

Science Applications International Corporation (SAIC) Science Applications International Corporation (SAIC) - Ft. Benning Science Foundation Arizona SciPort Sci-Tek Scooter Software Scotiabank Scott Sabolich Prosthetics and Research Dr. Scott VanderVeen Family Dentistry Scottsdale Charros Scougal Rubber Screenmobile Seabotix Seacom, Inc. SEAD Architecture Seagate Technology LLC Seattle Sounders FC SeaWorld Busch Gardens Sebo's Do-It-Center Secure Communication Systems Security Service Federal Credit Union Segway of Ontario Segway of Richmond Seherr-Thoss Foundation SEMI Sentrinsic Serge St-Denis Pharmacien

SES-Americom

sevaa.com

Sew Special

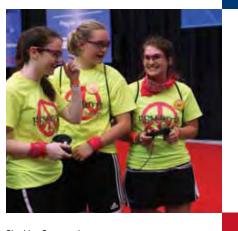
SHARC

Seward Screw

Shakespeare Company

Shamir Optical Industry Ltd.

Shastaview Enterprises Shawnee Mission Education Foundation Sheboygan Falls Mutual Insurance Company Sheen's Colleens Shell Shell International Technology, Inc. Sherbrooke University Sheridan College



Sheridan Construction Sherrard Kuzz LLP Shinn Fu Company of America Shirt Shack Gen Robert M Shoemaker (R) Show Me Controls Showbest Fixture Corporation Showcase Technology Si Se Puede Siemens Siemens Industry, Inc. Siemens Mobility

Siemon Company Sierra College Sierra Lobo, Inc. Sierra Radio Systems Sign Depot Signs Now Sikorsky Aircraft Corporation (a United Technologies Company) Silicon Valley Sil-Pro Silva & Cia Simat Industry LTD Simira Textile

"We have experienced how this project goes beyond the robotics competition, becoming a unique tool for all participants to focus on core values that they will apply in their future life.'

Núria Ollé. Teacher and FLL Coach. Barcelona, Spain

> Simplot SIMREX Corporation Sims Metal Management Simventions, Inc. Singularity Clark LP Sirius Computer Systems SJ Automation SJR Donuts & Kolaches Skillman Foundation Skillpoint Alliance Sky Rocket Kids

SlipNOT Metal Safety Flooring Smart Balance **SMART Consortium** SME Smith & Nephew, Inc Southold PBA Smith & Tinker Smith Francklin Designs Richard & Susan Smith Family Foundation Tim Smith UNLV Mentor Smith-Debnam Smiths Medical **Smurfit Stone Container Corporation** Snap-On Tools SpaceTEC Snapple SpaceX Sneeringer, Redgrave, Monohan, Provost Title Agency Spatial Corp. Society of American Military Engineers Society of Hispanic Engineers and Science Students (SHESS) The Society of Hispanic Professional Engineers (SHPE) SHPE - San Diego State University SHPE - Southwestern College Society of Women Engineers Spidertel Society of Women Engineers, Sacramento Valley Section Sports City Sodexo, Inc. & Affiliates Sofinnova Ventures Soham Municipality Barbara Solan Solano Community Foundation SRES Solano County Office of Education Solano County Office of Education ROP Solar Turbines (a Caterpillar Company) SSvD SolidWorks Corporation Solutions for Automation Somerset Community College Sonic Drive-In Ted Stahl Sonic Tools, L.P. Sonny's Enterprises. The Car Wash Factory Sonol Dave Stall Sony Corporation Sony Electronics Inc.

Soroptimists International of Valleio

South Central Michigan Works

South Jersey Robotics, Inc.

Starbucks

Stardust

Stardust Foundation

Starfire Sports

Sound Connection

The Source Group

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and Astronomy

"The best part about being a Coach is watching the children learn and grow and become excited about science... They are so inquisitive and so full of great ideas, energy, and optimism.'

Mala Marcano, Jr.FLL Coach

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# Financials

In our fiscal year 2009-2010, FIRST once again provided consistently high quality experiences to the rapidly growing number of participants engaged in its family of programs. Donations remained very strong as many individuals, businesses, and foundations continued or increased their support, and many new Sponsors joined FIRST. This is a continuing testimony to how essential the FIRST science, technology, engineering, and math (STEM) programs are to thousands of youth, to their futures, and ours.

Eighty-eight percent of funds spent this fiscal year were for team services and program growth; general and administrative expenses comprised nine percent; and fundraising costs were only three percent, reflecting the FIRST policy of applying the maximum amount of funds possible to directly benefit teams.

The financial results for the last two fiscal years are summarized on the right. FIRST received an unqualified opinion for each of these years from its outside auditor, Berry, Dunn, McNeil & Parker.

JUNE 30, 2010	<i>(AS RESTATED)</i> JUNE 30, 2009
\$ 14,843,617	\$ 15,535,666
14,976,448	15,900,906
, -	175,629
,	842,874
4,347,633	2,231,912
34,972,150	34,686,987
	25,259,844
	3,714,529
	1,169,372
•	145,855
	3,382,414
,-	160,420
386,744	348,288
32,861,235	34,180,722
2,110,915	506,265
-	319,968
\$ 2,110,915	\$ 826,233
\$ 8,616,907	\$ 4,948,493
7,046,728	5,400,000
7,942,107	7,785,144
3,779,335	4,134,969
27,385,077	22,268,606
2,972,348	2,950,323
13,201,050	11,090,135
11,211,679	8,228,148
24,412,729	19,318,283
\$ 27,385,077	\$22,268,606
	\$ 14,843,617 14,976,448 195,152 609,300 4,347,633  34,972,150  23,313,034 3,835,473 1,132,089 89,192 3,893,127 211,576 386,744  32,861,235 2,110,915  \$ 2,110,915  \$ 8,616,907 7,046,728 7,942,107 3,779,335  27,385,077  2,972,348 13,201,050 11,211,679 24,412,729

The financial information presented here is condensed and does not include the value of all donated services and materials. Audited financial statements (AFS) are available on the Web site at www.usfirst.org under "ABOUT US/Annual Report & Financials." Certain amounts reported for 2009 have been restated. For details, please refer to the accompanying notes which are an integral part of the AFS, at the above Web address.

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Vision...

Mission...

Impact...

"...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

...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.

...FIRST participants are 50 percent more likely to attend college, twice as likely to go on to major in science or engineering, and three times as likely to major specifically in engineering.

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