Twenty-five years have passed since visionary inventor Dean Kamen launched his most inspired creation to date — FIRST® (For Inspiration and Recognition of Science and Technology), a 501(c)(3) not-for-profit public charity whose mission is to help develop our young people into tomorrow’s science and technology leaders and innovators. Through a progression of fun, engaging, STEM-building robotics and research programs, FIRST kids, ages 6 to 18, learn about team building and mutual respect, gain self-confidence, and develop important leadership and life skills.

Dean’s vision, still unchanged after a quarter century, is to create a culture where scientists, engineers, and technologists are celebrated and revered on the same level as athletes and celebrities. FIRST is cleverly designed to open the doors of imagination so that kids will be inspired to seek education and careers in these fields.

What was, in the beginning, expected to be a long, uphill battle for positive cultural change has today become a model for success. FIRST is celebrated in the media, respected by government leaders, considered a valuable asset on scholarship applications and employee resumes, and embraced by a growing army of young people worldwide seeking knowledge, self-discovery, personal growth, and life-changing experiences. It’s leading the way in making science and engineering “cool.” Is this success more than we expected? You bet — and the best is yet to come.

The ball of cultural change is rolling. Can you help us push?

Learn more about FIRST at www.usfirst.org

“FIRST® was STEM (science, technology, engineering, and math) before there was STEM.”

WALT HAVENSTEIN, FIRST VICE CHAIR
A decade of data and research 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.

STEM EXPOSURE
- 84% work on the robot
- 90% work on team strategy
- 88% in FLL work on programming (63% in FTC; 37% in FRC)
- 84% learn about STEM jobs
- 66% make presentations to judges
- 97% have FUN!

STEM INTEREST & SKILLS
- 88% more interested in learning about science or technology
- 88% better understand how STEM is used to solve real-world problems
- 98% increase teamwork skills
- 93% increase problem solving skills

EDUCATION & STEM CAREERS
- 86% more interested in doing well in school
- 84% motivated to take challenging math or science classes (FRC, FTC)
- 94% embraced importance of Coopertition® & Gracious Professionalism®
- 80% more interested in jobs that use STEM

LONG-TERM OUTCOMES
- 41% Alumni major in engineering
- 33% female Alumni major in engineering

Sources:
- FIRST, 2011 Survey of FRC and FTC Alumni

Inspired to learn more?
www.usfirst.org/aboutus/impact

FLL® = FIRST® LEGO® League
FTC® = FIRST® Tech Challenge
FRC® = FIRST® Robotics Competition

ULTIMATE IMPACT
- 89.6% of FIRST Alumni are in a STEM field (student or professional)
This year, we proudly celebrated our first quarter century of inspiring young people to take up the important cause of advancing humankind’s achievements in science, technology, engineering, and math (STEM). Over the past 25 years, thanks to the generosity of hundreds of thousands of adult Volunteers, Mentors, and Sponsors, inquisitive kids around the world have been exposed to the wonders, fun, and excitement of taking on a difficult challenge and solving it through teamwork, learning, hard work, and perseverance. Little did we envision at our founding what a monumental impact FIRST would have on so many.

At this juncture, we’re happy to report that we’ve far exceeded all of our early expectations. With the help and backing of so many, FIRST has grown from 28 U.S.-based teams in the initial competition season to more than 34,000 teams today in over 80 countries, involving more than 360,000 kids, and over 150,000 adult Volunteers. Each year, we continue to expand at an astounding rate, with no end in sight. Evaluation data tells us that almost 90 percent of FIRST Alumni are now studying for or working in STEM careers*, and female FIRST participants are four times more likely to study STEM subjects due to participation†. That’s impact with a capital “I.”

With science and technology, and those who advance it, earning a new-found respect and admiration in the minds of kids everywhere, we’ve come a long way toward our goal of influencing major cultural change. Yet our mission is far from accomplished. The next generations of inspired scientists and engineers that FIRST can help produce need your help today. We urge you to volunteer locally, become a Mentor, raise funds, sponsor a team, or commit your company’s or organization’s time, people, and resources. It takes all of us, working together, to propel FIRST into our next quarter century of inspiration. If students dare to dream big, then we are compelled to open doors for them.

There are many who deserve our heartfelt gratitude for helping us achieve our Silver Anniversary. We salute our Founding Sponsors and Strategic Partners, and all of our Sponsors, Mentors, and Volunteers who give freely of their experience, knowledge, time, and resources. Parents and teachers, as well as school and program administrators, also earn our thanks. You inspire us, one and all!

The work has already begun that will lead us to our Golden Anniversary 25 years hence. We recommit ourselves to the goal of achieving cultural change by doing all we can to make FIRST programs available to every child who expresses curiosity about how things work and addresses challenges with a simple question: “Why not?”

*Source: FIRST, 2011 Survey of FRC, FTC Alumni
†Source: Brandeis University “More Than Robots” Evaluation
Last year, I talked about being a FIRST rookie and shared my admiration for the powerful, innovative, and inspiring contributions and accomplishments of all FIRST participants, young and old. My expectations were high. In one short year, the many things I witnessed and experienced first-hand have turned me into a seasoned veteran who now has an enhanced passion for our mission. I’ve had the opportunity to travel far and wide, reaching out to new Sponsors, Donors, and Volunteers. Wherever I go, the reaction has been the same: “We get it, and we’re behind you.” I’m very proud to be associated with an organization that consistently out-performs my expectations.

As we celebrate our Silver Anniversary, FIRST continues to gain awareness among kids as well as business, industry, and government leaders.

▲ In November, 2013, five award-winning FIRST® Robotics Competition teams had the distinct honor of opening the nationally televised Macy’s Thanksgiving Day Parade® in New York City, cutting the official ribbon and shooting confetti along the parade route.

● In December, 2013, all four FIRST programs were invited to exhibit at the 2013 Defense Advanced Research Projects Agency (DARPA) Robotics Challenge in Florida, where university teams demonstrated their prototype robots’ ability to perform disaster-response skills. Our huge exhibit attracted large numbers of potential Mentors, Volunteers, Sponsors, and student participants.

■ At the 2014 FIRST Championship in St. Louis, President Obama gave a special “shout out” (via video) to our 25th Anniversary year and urged more students, adults, and corporations to get involved in our mission.

▲ In May, 2014, 12 FIRST® team members were celebrated at the White House Science Fair for their outstanding STEM work, including the winner of the 2013 FIRST Future Innovator Award, sponsored by the Abbott Fund, for a Cycle-Leg invention, an inexpensive prosthesis made from a single recycled bicycle.

I’m confident that FIRST will continue to be highly impactful, and this productivity will propel us toward future milestone anniversaries. In the immediate future and for years to come, we expect that FIRST will be adopted and celebrated by schools and communities around the globe, and that tomorrow’s problem-solving workforce will be made up of countless FIRST Alumni. For that, we’ll need a steady influx of new Volunteers, Mentors, Sponsors, communicators, gift-givers, and visionaries. Will you or your company be among them?

I salute everyone involved in our 25 years of developing tomorrow’s young science and engineering leaders and innovators and helping secure a better future for us all.

DON BOSSI
President
ROBOTS COME FIRST

Over 3.5 million people in New York City and 50 million people at home tuned in to see giant balloons, one-of-a-kind floats, and FIRST robots leading the 87th Macy’s Thanksgiving Day Parade.

President Obama congratulated FIRST for 25 years of inspiring young people in STEM and recognized 12 FIRST students for achievements and innovation at the annual White House Science Fair.

AGAINST ALL ODDS

“Underwater Dreams” documentary premiered at the 2014 FIRST Championship, chronicling a former Arizona FIRST team that prevailed over college teams, including MIT, in a sophisticated underwater robotics competition.

STEM Education Advocate will.i.am recorded “Hall of Fame” by The Script for FIRST, encouraging team members to follow their dreams and make an impact on the world.

MAKING THE CASE

Dean Kamen urged members of Congress to make FIRST hands-on, K-12, STEM-learning programs accessible in schools across the country, particularly in underserved and rural areas.

Celebrating its fifth year, this prestigious award has been bestowed annually on outstanding FIRST student leaders whose passion for and effectiveness at attaining FIRST ideals is exemplary.

WHITE HOUSE HONORS

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.

FIRST ROBOTICS COMPETITION
Grades 9-12 (ages 14 to 18)

Mentored by professional engineers, teams compete with 120-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.

Students learn to think like engineers and develop an engineering notebook to document their progress. Teams develop strategies, build robots from a reusable kit of parts, and compete head to head.

FIRST TECH CHALLENGE
Grades 7-12 (ages 12 to 18)

Guided by the program’s Core Values, teams build LEGO®-based autonomous robots and develop research projects based on a real-world Challenge that changes annually.

FIRST LEGO LEAGUE
Grades 4-8 (ages 9-16*)

Teams explore today’s scientific challenges, then present their research using a LEGO® model with motorized parts and a Show Me poster.

JUNIOR FIRST LEGO LEAGUE
Grades K-3 (ages 6 to 9)

*Ages vary by country
The winner of the 2013 FIRST Future Innovator Award, sponsored by the Abbott Fund, didn’t fit in any of the boxes society wanted to put him in. But Parker Owen, member of FIRST® Tech Challenge Team 4260 and FIRST® Robotics Competition Team 3469 from Mobile, Alabama, never let that stop him. “After winning, I realized that thinking differently is in many ways a strength beyond all measure. The ability to see something, not just for what it is, but for what it could be, is what innovation is all about,” Owen reveals. “FIRST has taught me not just how to make an excellent robot, but how to learn by doing.”

Owen’s winning invention — the Cycle-Leg, an inexpensive prosthesis made from a single recycled bicycle — offers mobility to millions of amputees around the globe. Owen was also honored by President Obama at the 2014 White House Science Fair, and is now in the process of organizing global production and developing a logistical model for his creation. Adds Owen, “For all of the problems in the world, FIRST to me is a solution. FIRST is shaping and encouraging the next generation to be contributors rather than consumers.”

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

DEAN KAMEN, FIRST FOUNDER
JUNIOR FIRST LEGO LEAGUE
Grades K-3 (ages 6 to 9)

THE CHALLENGE
Teams explored the awe-inspiring storms, quakes, waves, and more that we call natural disasters, then built LEGO® models and created Show Me posters depicting their journey of discovery.

COMPETITIONS
More than 100 regional Expos;
Junior FIRST® LEGO® League (Jr.FLL®)
World Festival Expo in St. Louis

ACCOMPLISHMENTS
More than 24,000 6-9 year olds participated on 4,000+ teams to celebrate curiosity, imagination, discovery, and teamwork.

NOTEWORTHY
A public library-centered version of Jr.FLL was successfully piloted at libraries in Longmont and Louisville, Colorado, and Cheyenne, Wyoming, in collaboration with STAR Library Education Network (STAR_Net), an initiative of the Space Science Institute.

EXPECTATIONS EXCEEDED
Learned about the worst flooding in nearly 50 years in Colorado (2013) that crippled 200 miles of state highways and 50 bridges, stranding over 6,000 people.
Developed a “flood-proof” bridge that automatically retracts when it detects rising waters through a system of sensors, gears, and pulleys.
Accepted an invitation from President Obama to attend the White House Science Fair and present their unique bridge idea, DISASTER BLASTER℠ LEGO model, and Show Me poster.

“An all-girl team that rocked tiaras while writing simple computer code demonstrates that you don’t have to give up on being girly to enjoy science, technology, engineering, and math.”
SUZANNE DODSON, COACH

Read the LEGO Queens’ full profile at www.usfirst.org/aboutus/jr.fll-lego-queens

Jr.FLL Team 248 “LEGO Queens”
Broken Arrow, Oklahoma
THE CHALLENGE
Teams researched and shared their innovative solutions and used a team-designed autonomous robot, programmed with LEGO® MINDSTORMS® technology, to complete “missions” for keeping people and property safe before, during, and after a natural disaster.

ACCOMPLISHMENTS
Approximately 237,000 9-16 year-olds* on 23,748 teams from over 80 countries participated in this season’s Challenge.

NOTEWORTHY
The Weather Channel’s “AMHQ with Sam Champion” broadcasted live from the FIRST LEGO League World Festival, interviewing teams about their innovative solutions for the NATURE’S FURY® season Challenge.

“FIRST LEGO League allows teams to engage in critical thinking, which leads to deeper understanding of the Challenge topic and opens the door for innovation. Team members learn to accept and respect each other while learning how to give back to their community.”

ROBERT ALLSBROOKS, COACH

WINNING IN MORE WAYS THAN ONE

Inspired by a news story about the disastrous tornado in Moore, Oklahoma, where dozens of pets went missing and were separated from their families.

Researched ways to aid recovery of pets during disasters, then designed a drone-based system using RFID (radio frequency identification) technology to help locate animals in need of rescue (the “Drone-Pet-rol”).

Earned Champion’s Award at the National Society of Black Engineers (NSBE) FLL Championship in Nashville, and Third Place Innovative Solution Award and the Adult Coach/Mentor Award at the FLL World Festival in St. Louis.

FLL Team 15453 “The Disaster Masters”
Prince Georges County, Maryland

Read The Disaster Masters’ full profile at www.usfirst.org/aboutus/fll-disaster-masters
THE CHALLENGE
Teams designed, programmed, and operated robots to score yellow blocks in buckets to balance a pendulum arm, raising their Alliance flag and making their robots do pull-ups.

ACCOMPLISHMENTS
38,000 participants (grades 7-12, ages 12 to 18) on 3,800 teams from 16 countries; eligible for over $13.5 million in college scholarships.

NOT YOUR USUAL EXPECTATION

Created by an autism educator to give students with autism a chance to engage in creativity and problem solving skills, as well as an opportunity to be included in an activity with other students their ages.

Mentored by local veteran FTC Team 5454 “Dent in the Universe (DITU),” who provided weekly assistance, helping “DECENT” design and build their first robot.

Competed successfully in their first tournament, and were exposed to activities, materials, and friendships they wouldn’t have otherwise experienced.

“Students with autism have a natural draw to technology and so I think FIRST is a great way to teach them that there are careers for them after high school and even college.”

KARIN FISHER, COACH & DOCTORAL STUDENT IN EDUCATION AT UNIVERSITY OF CENTRAL FLORIDA

NOTEWORTHY
Four Super-Regional Championship Tournaments introduced a new layer to the FTC event advancement structure, qualifying teams for FIRST Tech Challenge World Championship in St. Louis.

COMPETITIONS
246 Meets, League Championships, and Qualifying Tournaments; 59 Championship Tournaments; 4 Super-Regional Championship Tournaments; FIRST® Tech Challenge (FTC®) World Championship in St. Louis.

Read DECENT’s full profile at www.usfirst.org/aboutus/ftc-decent
THE CHALLENGE
Competing Alliances guided team-designed-and-built robots to throw balls over a truss, catch balls, and put as many balls in goals as possible, with bonus points for working together.

ACCOMPLISHMENTS
Over 68,000 high-school students on 2,727 teams from 17 countries; students eligible for over $20 million in college scholarships from more than 180 Scholarship Providers.

NOTEWORTHY
More than 10,000 individual official matches played for the first time in FIRST Robotics Competition history.

COMPETITIONS
40 District Competitions, 4 District Championships, and 54 Regional events; FIRST® Robotics Competition (FRC®) Championship in St. Louis.

“FIRST gave me my life back. I want to inspire people to make changes in their lives through an interest in science and technology, as I did.”

FREYA WILHELM

Disillusioned with her plans for art school, isolated and depressed, started experimenting with drugs.

Discovered “Cyber Dragon” FRC team, started to enjoy working with mechanical tools, sparking a new passion, purpose, and sense of responsibility.

Became more self-aware, stopped using drugs, and was elected team captain in her second year, setting her sights on an education and career in mechanical engineering.

Freya Wilhelm, FRC Team 4263
“Cyber Dragon,” New York City

Read Freya’s full profile at www.usfirst.org/aboutus/frc-freya-wilhelm
FIRST could not achieve the impact it does without tremendous support.

In addition to our 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 to FIRST Robotics Competition, FIRST Tech Challenge, FIRST LEGO League, and Junior FIRST LEGO League teams and events. FIRST could not achieve the impact it does without this tremendous support.
In 2014, as part of the FIRST Scholarship Program, over 180 Scholarship Providers made available over $20 million in scholarship opportunities to FIRST Robotics Team members, FIRST Tech Challenge participants were eligible for $13.5 million of these funds.

The majority of FIRST scholarships are offered by colleges or universities for enrollment at their campuses; the remaining are made available by corporations, associations, or foundations for use at a selection of schools. The 2014 FIRST Scholarships are listed on pages 31-32.

To learn more about the FIRST Scholarship Program, or to make available FIRST Scholarships from your institution, please visit:

WWW.USFIRST.ORG/SCHOLARSHIPS
The 2014 Woodie Flowers Award winner, Lane Matheson, Director of the Tulsa Engineering Academy at Memorial High School and Mentor for FIRST Robotics Competition Team 932 “Circuit Chargers,” is a visionary leader and the first to bring engineering into K-12 education in Oklahoma.

Matheson left a profitable career as a systems engineer on the International Space Station program to prepare students for the rigors of studying engineering. While developing her own high-school engineering curriculum, she chose to incorporate FIRST robotics programs, ultimately introducing a robotics class where students improve their leadership, speaking, and power tool skills alike. In 2005, she created the Tulsa Engineering Academy, an academic magnet program within the school.

Matheson has recruited more than 70 Coaches and Mentors for teams across the Progression of Programs. She teaches programming for all levels, helps Coaches with funding, and deploys her students and their robots to recruit other kids for these rookie teams.

Matheson encourages students to “Embrace the Struggle! Celebrate the Success!” She helps them overcome their fears and build their confidence in public speaking, creates opportunities for them to mentor other students, and is a champion for young women.
This award encourages, celebrates, and supports youth innovation, offering teams an opportunity to further develop and submit ideas stemming from the season’s NATURE’S FURY™ projects.

First Place winners of the 2014 FLL Global Innovation Award presented by XPRIZE: FIRST LEGO League Rookie Team “The Brain Busters” of Sherborn, Massachusetts.

Invention:
Balloon-based notification sign indicates where to find aid after a natural disaster, when traditional infrastructure is not available. The large sign is suspended from a helium balloon that can be seen from very long distances and deployed in high winds, snow storms, and extreme cold.

The FIRST Future Innovator Award

This award honors creativity in effectively solving a real-world, complex problem through the invention of a unique solution beyond the requirements of the FIRST competition season and events.

Winners of the 3rd annual 2014 FIRST Future Innovator Award sponsored by the Abbott Fund:
Michelle Yang, Alexander Lu, and Valerie Huynh of FIRST Robotics Competition Team 5212 “TAMSmancers” of Denton, Texas.

Invention:
Solar sail made of common materials streamlines the process of water filtration, providing cost-effective access to clean water for impoverished populations in underdeveloped countries.
<table>
<thead>
<tr>
<th>State</th>
<th>Affiliates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska</td>
<td>Maxim Petrov</td>
</tr>
<tr>
<td>Arizona</td>
<td>Ismail Yasein Hasan</td>
</tr>
<tr>
<td>Arkansas</td>
<td>Anthony B. Stevens</td>
</tr>
<tr>
<td>California</td>
<td>Richard Gale</td>
</tr>
<tr>
<td>Colorado</td>
<td>John E. G. Pippin</td>
</tr>
<tr>
<td>Connecticut</td>
<td>Frank Niedzwiedz</td>
</tr>
<tr>
<td>Delaware</td>
<td>Dave Davis</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>Juneau Economic Development Council</td>
</tr>
<tr>
<td>Florida</td>
<td>Betty Blouin</td>
</tr>
<tr>
<td>Georgia</td>
<td>Andrew H. Hatfield</td>
</tr>
<tr>
<td>Hawaii</td>
<td>David Patterson</td>
</tr>
<tr>
<td>Idaho</td>
<td>Marcus A. Zinner</td>
</tr>
<tr>
<td>Illinois</td>
<td>berman</td>
</tr>
<tr>
<td>Indiana</td>
<td>Robert M. Finkbeiner</td>
</tr>
<tr>
<td>Iowa</td>
<td>Robert L. Martin</td>
</tr>
<tr>
<td>Kansas</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Kentucky</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Louisiana</td>
<td>Jerome L. Reynolds</td>
</tr>
<tr>
<td>Maine</td>
<td>Jason W. McMillan</td>
</tr>
<tr>
<td>Maryland</td>
<td>Robert S. Winter</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>Amy Chalmers</td>
</tr>
<tr>
<td>Michigan</td>
<td>Eric K. Nelson</td>
</tr>
<tr>
<td>Minnesota</td>
<td>David E. G. Sasse</td>
</tr>
<tr>
<td>Mississippi</td>
<td>Joseph H. Logue</td>
</tr>
<tr>
<td>Missouri</td>
<td>Joseph H. Logue</td>
</tr>
<tr>
<td>Montana</td>
<td>Sarah M. Hom</td>
</tr>
<tr>
<td>Nebraska</td>
<td>Robert M. Finkbeiner</td>
</tr>
<tr>
<td>Nevada</td>
<td>Richard S. Hays</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>Robert L. Martin</td>
</tr>
<tr>
<td>New Mexico</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>New York</td>
<td>Kathleen M. Flaherty</td>
</tr>
<tr>
<td>North Carolina</td>
<td>Joseph H. Logue</td>
</tr>
<tr>
<td>North Dakota</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Ohio</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Oregon</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>South Carolina</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Tennessee</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Texas</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Utah</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Virginia</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Washington</td>
<td>John E. Pickering</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>John E. Pickering</td>
</tr>
</tbody>
</table>

**NOTE:** This table contains information about various organizations and regions related to robotics and technology. It includes names of individuals, organizations, and educational institutions across the United States and other countries, indicating their involvement in robotics education and technology initiatives. The table is part of a larger document that may discuss strategies, partnerships, and programs aimed at promoting robotics and STEM education.
LEADERSHIP

Board of Directors
Shari S. McCoy - Co-Chair
Chief Executive Officer & Director
Avon Products, Inc.

Robert M. Tuttle - Co-Chair
General Partner
1946 Associates

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

Walter P. Hewlett - Vice Chair
Chief Executive Officer, Retired
Science Applications International Corporation (SAIC)

Donald E. Bossi - Secretary
President
KMB**

Dean Kamen - Founder
President
DEKA Research & Development Corporation

Ursula M. Burns
Chairman & Chief Executive Officer
Xerox Corporation

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

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

John H. Lynch
Former Governor of the State of New Hampshire

Scott McKay
Chief Information Officer & Senior Vice President
Genworth Financial

Dennis A. Muilenburg
Chairman, President & Chief Executive Officer
Raytheon Company

Robert L. Parkinson, Jr.
Chairman & Chief Executive Officer
Baxter International Inc.

Steve Sanges
President, Chief Executive Officer & Chairman
Microchip Technology, Inc.

Myron E. Ullman, III
Chief Executive Officer & Director
J.P. Morgan Chase & Co.

HONORARY DIRECTORS
Paul A. Allaire
FIRST Chairman - 1995-2000
Chairman & CEO, Retired
Xerox Corporation

J.T. Battenberg III
Chairman & CEO, Retired
Delphi Corporation

Francis C. Castagna
Executive Vice President, Retired
Chrysler Corporation

L. John Doerr III
Patriot
Kaiser Permanente Cookfield & Buyers

Gary L. Taylor
Chairman of the Board, Retired
Masimo, Inc.

James R. Usuki
FIRST Chairman - 2000-2002
Executive Vice Chairman
Johnson & Johnson

SENIOR ADVISORS
Dr. Shirley Ann Jackson
President
Rensselaer Polytechnic Institute

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

Gordon Lankton
Chairman of the Board, Retired
Nynas, Inc.

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

Dr. Roland Schmitt
President Emeritus
Rensselaer Polytechnic Institute

The Honorable Jeannie H. Shaheen
United States Senator — New Hampshire

EXECUTIVE ADVISORY BOARD
Dr. Wolfgang Flowers - Co-Chair & Distinguished Advisor
Pappalardo Professor Emeritus of Mechanical Engineering
Massachusetts Institute of Technology

Vincent Wiznitzer, M.D. - Ph. Co-Chair
Deputy Dean, School of Engineering & Applied Science
University of Toronto

Ray Aungst
Vice President, Marketing

Guy Alpert
President
FIRST in Michigan

Tomas Arnas-Rast
Chief Operating Officer
BAE Systems, Inc.

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.

Josh S. Weston
Chairman
AUTOLIV

Donald E. Bossi
President
FIRST

Steven R. Chinn
Chief Operating Officer
FIRST

Terry Durkin
Vice President, Finance
FIRST

Mark Gordon
Vice President, Development
FIRST

Mary Graham
Vice President, Digital Engagement
FIRST

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

Chairman: 2000-2002

First National Bank

Nancy S. Forbes
Chairman

Missao (Mao) Tochihara
Chairman & CE0

Peter L. Doherty
Chairman & CEO

Gennady Kogan
Chairman & CEO

Morgan Visco
Chairman & CEO

Stefan M. Rosberg
Chairman & CEO

Rensselaer Polytechnic Institute

Terry Durkin
Vice President, Finance
FIRST

Mark Gordon
Vice President, Development
FIRST

Mary Graham
Vice President, Digital Engagement
FIRST

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

Chairman: 2000-2002

Former Governor of the State of New Hampshire

Co-Chair

Vice President, Development
FIRST

Jane Garvey
Chief Operating Officer

Kevin Ross
President

Kent H. Hughes
Public Policy Scholar

BOARD OF DIRECTORS

Leonard T. Krenzer - Co-Chair
President, Chief Executive Officer & Director

Cecilia Neumann
Partner

Susie Mathieu
Partner

Greg Hale
Vice President & Chief Safety Officer

Steven R. Chism
President

ebm-papst Inc.

Robert Sobolewski
President & Chief Executive Officer

FIRST Robotics

Gary L. Tooker
Chairman: 2000-2002

L. John Doerr III
Co-Founder

Robert M. Tuttle - Co-Chair
President

Donovan. Other images courtesy of FIRST

Championship photography by Adriana

Chen

Distinguished Advisor

Erin M. Donovan
Distinguished Advisor

M. K. Donaldson
Chairman & President

Sandra M. Davis
Chairman of the Board

F-Prime Capital Partners, Inc.

Roberta M. Tuttle - Co-Chair
Co-Founder

Gail Alpert
President

FIRST in Michigan

Josh S. Weston
Chairman

AUTOLIV

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.

Josh S. Weston
Chairman

AUTOLIV

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.

Josh S. Weston
Chairman

AUTOLIV

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.

Josh S. Weston
Chairman

AUTOLIV

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.

Josh S. Weston
Chairman

AUTOLIV

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.

Josh S. Weston
Chairman

AUTOLIV

Robert E. Bossi
President & Chief Executive Officer
Avon Products, Inc.
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

MORE THAN ROBOTS. 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.