Inspiring youth to become science & technology leaders and innovators, by engaging them in exciting, mentor-guided programs that build science, engineering, and technology skills, inspire innovation, and foster well-rounded life capabilities.

FIRST® is...

**FIRST LEGO® LEAGUE JR.**
Ages 6-10 (Grades K–4)

**FIRST LEGO® LEAGUE**
Ages 9-14 (Grades 4-8)

**FIRST TECH CHALLENGE**
Ages 12-18 (Grades 7-12)

**FIRST ROBOTICS COMPETITION**
Ages 14-18 (Grades 9-12)
Partnering with nearly 200 Colleges and Universities who are making available ~$80 million in scholarship opportunities specifically for FIRST Participants and Alumni:

Learn more about becoming a FIRST Scholarship Provider at https://www.firstinspires.org/resource-library/scholarship-providers
Partnering with Companies who are looking to hire FIRST Alumni as interns – and ultimately employees!

Share your company internships on the FIRST Internship Portal at https://bit.ly/2OcDF0j
Our alumni who are changing the world

Chelsey Roebuck
ELiTE Education
Co-Founder and Executive Director

Aisha Ayoub
SpaceX
Dragon Integration Engineer

Matt Rogers
Nest and Incite.org
Founder

Mohammed Hossain
NYCDOE
CTE Instructor

Tia Singh
Calarapath
Mechatronics Technician

Max Friefeld and Jonathan Schwartz
Voodoo Manufacturing
Co-Founders

Dr. Priscilla Chan
Chan Zuckerberg Initiative
Founder

Greg Marra
Facebook
Product Management Director

Neil Parikh
Casper
Co-Founder and COO

Melissa Smith
Google
Senior User Experience Researcher

Learn more about FIRST Alumni at www.firstinspires.org/alumni
FIRST® isn’t something you do, it’s something you are
What is the FIRST® Scholarship Program?

• Partnership between FIRST and Colleges/Universities or other entities (Scholarship Providers) who make available exclusive scholarships to the FIRST Community

• Scholarship Providers make available post-secondary scholarships specifically for youth Participants on or Alumni of high school FIRST Teams (FIRST Tech Challenge & FIRST Robotics Competition)

• Scholarship Providers set their own Scholarship Opportunities and application criteria/deadlines

• FIRST Promotes all opportunities within the Program to the FIRST Community
How does the FIRST® Scholarship Program Work?

- Scholarship Providers make available scholarships specifically for youth Participants on and Alumni of FIRST Teams and share information with FIRST for posting at www.firstinspires.org/scholarships
- FIRST Promotes all opportunities within the Program to the FIRST Community
  - FIRST hosts Scholarship Opportunity information at www.firstinspires.org/scholarships
  - Information available with product orders, in Kit of Parts, at Events, and online
  - Scholarship Rows (college fairs of FIRST Scholarship Providers) held at FIRST Tech Challenge and FIRST Robotics Competition events where available and at FIRST Championship
- Participants and Alumni access information and applications at www.firstinspires.org/scholarships
  - Applications submitted directly to Scholarship Provider for selection
2018 FIRST® Scholarship Program Fast Facts

• Over $80,000,000 in potential scholarships were made available
• By nearly 200 FIRST Scholarship Providers
• Over 2,500 individual Scholarship Opportunities

• 90% of 2018 FIRST Scholarship opportunities were made available by specific Colleges/Universities for use at their institution
  • 45% of 2018 FIRST Scholarships were for any major
  • 55% of 2018 FIRST Scholarships had specific major requirements in one or more STEM disciplines
• 77% of application deadlines fall within “FIRST seasons”
  - FIRST Tech Challenge Event Season
  - FIRST Robotics Competition Build and Competition Seasons

2019 FIRST Scholarships are anticipated to fall along these same lines – so prepare ahead!
Alumni Make Up:

• **4%** of the 2017 incoming Freshman class at Florida Institute of Technology
• **5+%** of the 2017 incoming Freshman class at Yale University
• **7%** of the 2017 incoming Freshman class at Webb Institute
• **~ 10%** of the 2017 incoming Freshman class at Massachusetts Institute of Technology (MIT)
• **15%** of the 2017 incoming Freshman class at Worcester Polytechnic Institute (WPI)
• **19.7%** of the 2017 incoming Freshman class at Milwaukee School of Engineering (MSOE)
• **29%** of the 2017 incoming Freshman class at Kettering University
• **33%** of the 2017 incoming Freshman class at Capitol Technology Institute
• **34%** of the 2017 incoming Freshman class at Olin College of Engineering
Questions?

Michelle Long
FIRST Alumni Relations

scholarships@firstinspires.org
alumni@firstinspires.org
10 years of evaluation data indicates that with participation in FIRST®, team members are:

**STEM MAJOR CITED BY FIRST PARTICIPANTS**

| Major in engineering | 2x as likely to major in science or engineering | 33% of women major in engineering |

| Source: Brandeis University, 2005 Evaluation of FIRST® Robotics Competition Alumni |

**21ST CENTURY WORK-LIFE SKILLS GAINED BY FIRST PARTICIPANTS**

<table>
<thead>
<tr>
<th>Improved problem solving skills</th>
<th>Increased time management skills</th>
<th>Increased conflict resolution skills</th>
<th>Strengthened communication skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>98%</td>
<td>95%</td>
<td>93%</td>
<td>OVER 76%</td>
</tr>
</tbody>
</table>

**FIRST ALUMNI IN STEM CAREERS**

| OVER 75% of Alumni are in a STEM field as a student or professional |

**SCHOOL ENGAGEMENT INCREASES FOR FIRST PARTICIPANTS**

<table>
<thead>
<tr>
<th>More interested in doing well in school</th>
<th>87% FIRST® LEGO® League</th>
<th>86% FIRST® Tech Challenge</th>
<th>88% FIRST® Robotics Competition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan to take a more challenging math or science course</td>
<td>84% FIRST® Tech Challenge</td>
<td>90% FIRST® Robotics Competition</td>
<td></td>
</tr>
</tbody>
</table>

| More interested in going to college | 88% FIRST® LEGO® League | 87% FIRST® Tech Challenge | 91% FIRST® Robotics Competition |

**Source:** Brandeis University, 2011 FIRST® Tech Challenge – FIRST® Robotics Competition Evaluation and 2013 FIRST® LEGO® League Evaluation