

Robots. Building. Students.



LEADERS of the FUTURE through Robotics TODAY

Partnering with Celt-X 5406 is more than a sponsorship. It is an investment in our youth. Join us in helping high school students build the future.



At the start of last year I was a shy grade 9 student and joined Celt-X never having used a power tool. By season's end I was wiring the robot and confidently representing the team at assemblies, award ceremonies and on television.



I joined Celt-X because I want to pursue a career in engineering. My hope was that by joining Celt-X Robotics I would learn how to design and build a robot. Celt-X Robotics has taught me much more. By being part of this team I have enhanced my leadership skills and I have learned what true teamwork is all about. I have learned life lessons that I will take with me no matter what career I pursue.



Being a part of Celt-X has taught me that it is extremely important to live in the moment. If you spend all of your time fretting about what could have been, it's impossible to enjoy what is. Use your time to meet new people, learn new skills, and see new sights, because you only get one shot at today.



From the outside looking in, a robot might seem like nothing more than a machine made of steel, nuts and bolts. If you look a little closer at Bishop Ryan Catholic Secondary School Celt-X FIRST® Robotics Team, robots are building students. A Celt-X robot represents a community of passionate, dedicated students, mentors and teachers focused on a common goal of bringing a robot to life through teamwork, innovation and leadership.

Through your sponsorship, Celt-X 5406 can continue to grow students into leaders now and in the future. Together we can bring a robot to life, win a FIRST® Robotics World Championship and more importantly, develop innovators, creators, collaborators and community leaders that will make a difference in our community and the world.



2015-2016 SEASON FUN FACTS

FIRST® FACTS

400,000+

youth participating in FIRST® Robotics 2016

OVER
\$22 MILLION

in college/university
scholarships from
nearly 200 providers

37,000+
ROBOTS CREATED

44,000+ teams

16 MILLION
volunteer hours
served per year

3,500

sponsors including over
200 of the Fortune®
500 companies

2,200+
events worldwide

CELT-X FACTS

16,463

lines of code written

1,662

scouting sheets scanned

AS A TEAM

350

NEW SKILLS GAINED

7,710

student and
mentor hours

4,000

km travelled to
competitions

864 slices of pizza consumed

5,000

screws to build
the practice field

**Lifetime
friendships
formed -
still counting**

5,000
METRES

travelled by the
robot during
competition

Degrees of confidence gained

INFINITE

210 COMPETITION
MINUTES PLAYED



I am a **STUDENT - I am Celt-X**

Celt-X gives me a place to share my ideas and learn new things. I have had the opportunity to design and build a robot from scratch, solve difficult problems and be part of a great team. I have built many new friendships and have had a lot of fun. Being part of Celt-X 5406 has made me realize that with hard work and commitment I can do and be anything!



I am a **MENTOR - I am Celt-X**

I was part of FIRST® as a kid and it is in my blood. The students energize and inspire me with their enthusiasm, commitment and teamwork. I love to share my history with FIRST® and now that I have moved on, I want to share my education and professional experience.



I am a **PARENT - I am Celt-X**

Celt-X has given my child a safe place to learn new skills, form positive relationships and be part of a team. Celt-X is helping kids to envision their future and who they can become. My child is more confident, is excited about science and technology and feels part of more than a school team. We have become a Celt-X family.



I am a **SPONSOR - I am Celt-X**

Sponsors make an investment in the children of our community and in the future of Hamilton. They help inspire the next generation of creators, innovators and leaders of tomorrow. They are our partners.



VISION

Leaders of the future
through robotics
today

MISSION

To foster the development
of young people into
confident innovative
community leaders
through exciting and
collaborative experiences
in science, technology,
engineering and math
(STEM)

VALUES

Teamwork
Fun
Respect
Inclusiveness
Gracious Professionalism™
Excellence

COMMUNITY OUTREACH

Create positive change
within our school, FIRST®
and Hamilton communities

PEOPLE

Attract, engage and enable students
by creating an environment where
everyone's contribution
is valued



**TOGETHER
WE WILL**



FINANCIAL SUSTAINABILITY

Ensure Celt-X thrives for future
generations of students

ACHIEVEMENTS

Be recognized as
a team of excellence

Together we will



PEOPLE

Attract, engage and enable students through creating an environment where everyone's contribution is valued.

Our Success So Far

- Increased from 20 to 40 students
- 25% of team members are female
- Two graduating students have won sponsor scholarships in engineering studies

With Your Help We Will

- Inspire more students to develop their leadership through robotics
- Encourage more females to embrace a future in STEM
- Cultivate an enthusiasm for STEM and robotics among elementary students



ACHIEVEMENTS

Be recognized as a team of excellence.

Our Success So Far

- Named "Rookie All Star" at 2015 Waterloo Regional Competition
- 2015 Rukus Finalists
- 2016 Pittsburgh Regional Champions
- At World Championships
 - 2015 Division Quarter Finalists
 - 2016 Division Semi Finalists

With Your Help We Will

- Win increasingly more district competitions and advance to World Championships
- Become a World Champion
- Have the growth and achievements of Celt-X students and mentors recognized by achieving FIRST® Robotics awards



Achieve our Goals

COMMUNITY OUTREACH



Create positive change within our school,
FIRST® and Hamilton communities.

Our Success So Far

- Supported Cystic Fibrosis
- Opened the Robodrome in the north-end of Hamilton at the closed Holy Family elementary school
- Built a practice facility and made it available to any FRC team
- Donated robot “Betsy” to Oakville’s Frank Haden Secondary School
- Mentored Frank Haden Secondary School rookie team

With Your Help We Will

- Influence the school community by promoting the spirit of Gracious Professionalism™ (learning to compete while treating one another with respect and kindness in the process)
- Help other teams experience success through mentoring and sharing resources
- Be an active contributor to the Robodrome neighbourhood

FINANCIAL SUSTAINABILITY



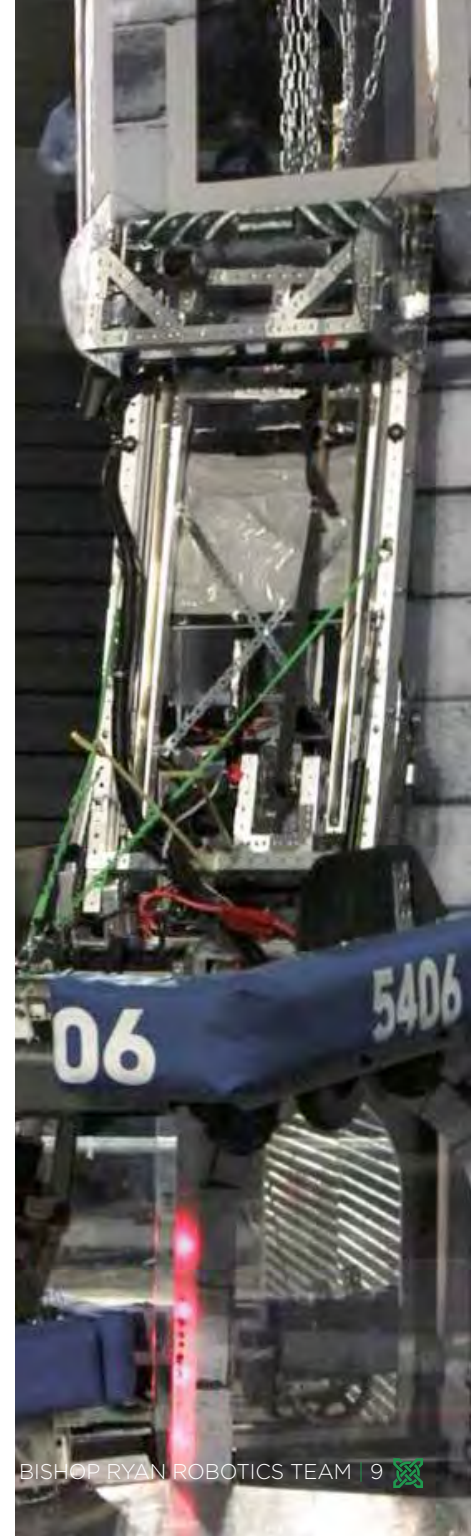
Ensure Celt-X 5406 thrives for
future generations of students.

Our Success So Far

- Raised 30% of operating costs through sponsorship

With Your Help We Will

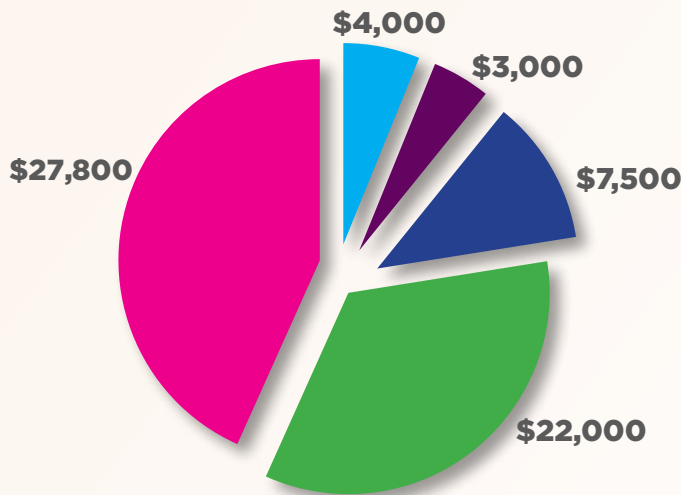
- Make Celt-X accessible to all students regardless of family financial circumstances



2016-2017 Costs and Funding

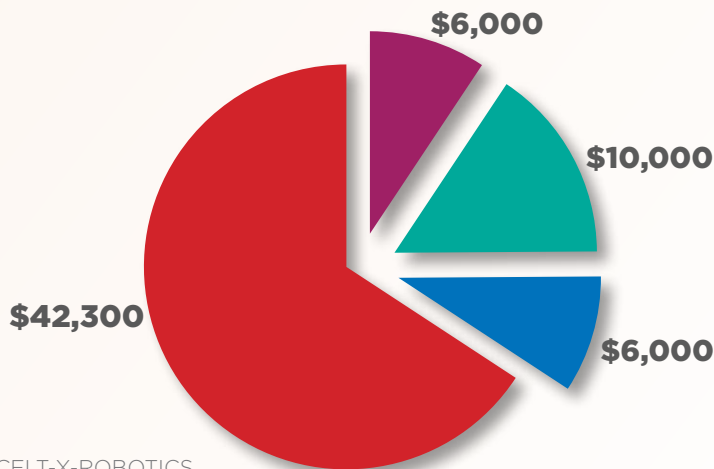
As you can see in the team's budget summary below, robots building students is an expensive undertaking. Celt-X Robotics needs your help to succeed in 2016-2017 and beyond.

Together we can make a real impact!



Projected 2016-2017 Costs

- FIRST® Registration
- Tools & Materials
- Computers & Software
- Supplies
- Competitions & Travel



Projected 2016-2017 Funding

- Student Fees
- School Board and Primary Sponsor
- Returning Sponsors
- Funding Gap



SPONSORSHIP LEVELS AND INCENTIVES



\$500+ BRONZE LEVEL SPONSOR

- Have your name or business name and logo listed on our team website.
- Receive a team shirt and a plaque of appreciation.
- Receive an invitation to a VIP tour of the team's pit area at competitions.
- Receive an invitation to our team end-of-season celebration.



\$1,000+ SILVER LEVEL SPONSOR

- Receive all of the above incentives.
- Have your name or business name and logo posted at the Robodrome practice field.
- Have your name or business name and logo listed on the team t-shirt.
- Have your name or business name and logo listed on a page insert for our advertising/sponsorship brochure.
- Receive a personalized thank you plaque with a photo of the team and robot.



\$5,000+ GOLD LEVEL SPONSOR

- Receive all of the above incentives.
- Have your name or business logo displayed prominently on our competition robot.
- Have your name or business name and logo listed on the team banner.
- Have Celt-X 5406 team members present your thank you plaque in person and conduct a robot demonstration at a location of your choice.



\$10,000+ PLATINUM LEVEL SPONSOR

- Receive all of the above incentives.
- Name our competition robot, and design the robot nameplate (limited to one donor).
- Name our pit at competitions, and design the pit nameplate (limited to one donor).

You are welcome to contribute any financial amount or goods in kind you choose - no contribution is too small.

We look forward to having a conversation with you about the opportunities for sponsorship.

**Thank
you.**

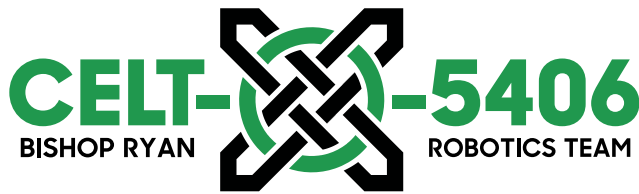
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LEAD ENGINEERING MENTOR

Brendan Simons, P.Eng., Stern Laboratories
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LEAD TEACHER MENTOR

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About FIRST® Robotics

FIRST® and FIRST® Canada are not-for-profit organizations dedicated to inspiring young people by designing accessible, innovative programs that motivate young people to pursue education and career opportunities in science, technology, engineering, and math, while building self-confidence, knowledge, and life skills.

The FIRST® Robotics Competition (FRC) blends science and technology with the excitement of sport. The program challenges teams of high school students and adult mentors to design and build a robot weighing up to 120 pounds that can play a sports-style game. Through the principles of Gracious Professionalism™ and Coopertition™, FIRST® aims to show that competition, empathy and mutual gain are not separate notions. FIRST® teams are encouraged to help each other and cooperate even as they compete, and always act with integrity and sensitivity.

The mission of FIRST® Robotics Canada is to:

- Inspire young people to pursue further studies and careers in the fields of science, technology and engineering.
- Celebrate success in science, technology and engineering through robotics competitions for students at the elementary and secondary high school levels.
- Develop communication, leadership and teamwork skills in our youth.
- Engage the community through mentorship, sponsorship and volunteering at events.

The FIRST® program has shown to have positive impact on our youth. A study conducted by Brandeis University showed that FIRST® Robotics Participants are:

- Roughly 10 times as likely to have had an apprenticeship or co-op job in their freshman year.
- Significantly more likely to expect to achieve a post graduate degree.
- More than twice as likely to volunteer in their communities.



FIRST® (For the Inspiration & Recognition of Science & Technology www.firstinspires.org)