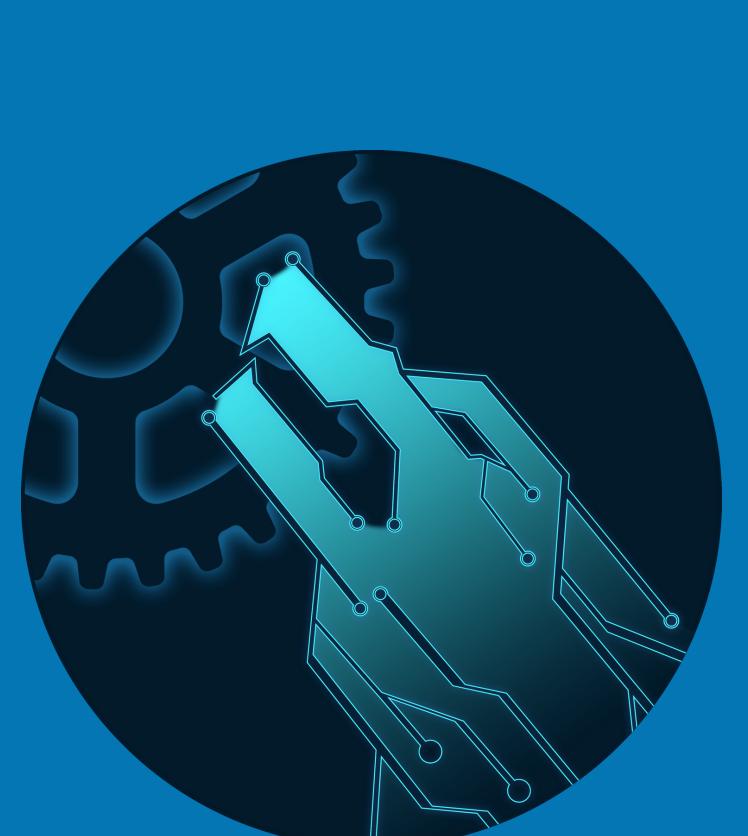




# WOLFPACK ROBOTICS TEAM 7721

**2019 - 2020  
SPONSORSHIP  
PACKAGE**



# **SPONSORSHIP PACKAGE**

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**DISCOVER WOLFPACK  
INTRODUCING "FIRST"  
STEM FOR GIRLS INITIATIVE  
GET INVOLVED  
SPONSOR TIERS  
CONNECT WITH US**

# DISCOVER WOLFPACK

UHS Wolfpack is a highly successful robotics team from Unionville High School (UHS) situated in the town of Unionville, Ontario. Ever since the team's inception in 1994, we have exemplified proficiency and achievement in the field of robotics, winning numerous awards including the Canadian Robotics 1st Place President's Award and Best Videography Award. As one of the earliest teams from the York Region District School Board to participate in the FIRST Robotics Competition (FRC), our team has pioneered our school and community's involvement in the Science, Technology, Engineering, and Mathematics (STEM) fields.

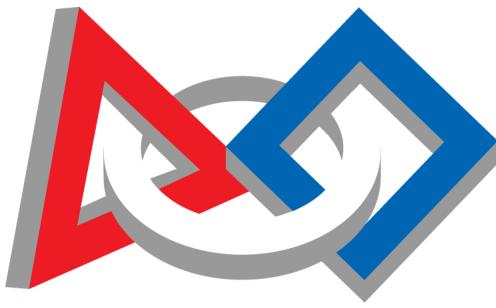
Due to unforeseen circumstances in 2008, the FRC program at Unionville High School came to an abrupt halt. However, last year, we re-established ourselves as a fresh new team that consisted of 52 students to now

over 90 highly committed and achievement-oriented members, teacher advisors, and mentors in one year.

Starting in January, we will be challenged to design, build, and program a 120-pound multi-functional robot based on the annual FRC challenge theme. Given only six weeks to do so, we will then proceed to compete along and against teams throughout Ontario and the rest of the world.

Through the countless number of hours we dedicate, we hope to continue on our journey of becoming one of the most successful robotics teams in Ontario. Corporate sponsorships play a critical role in fulfilling our vision and prolonging this revived momentum; your involvement provides the foundation for the next generation of future leaders.





# FIRST®

**570K+**

students in  
100+ countries

**300K**

mentor, coach, judge,  
and volunteer roles

**77K**

attendees at annual FIRST  
Championship

**3,600**

events in  
100+ countries

FIRST's Global Outreach, Source: [firstinspires.org](http://firstinspires.org)

## EDUCATIONAL ASPECTS

UHS Wolfpack strongly values inclusivity, and is proud to inhabit a cohesive and highly diverse student body from a wide variety of ages and backgrounds. The team is composed of a multitude of smaller departments, with each department playing an essential role towards fulfilling our shared vision. As we prepare for the upcoming competition, our groups rely on one another to formulate ideas, create plans, and ensure the success of our robot.

*Our vision is to encourage students to better themselves, their peers, school, and the community beyond limits; at the same time, we provide students with opportunities to learn and experience the fields across STEM."*

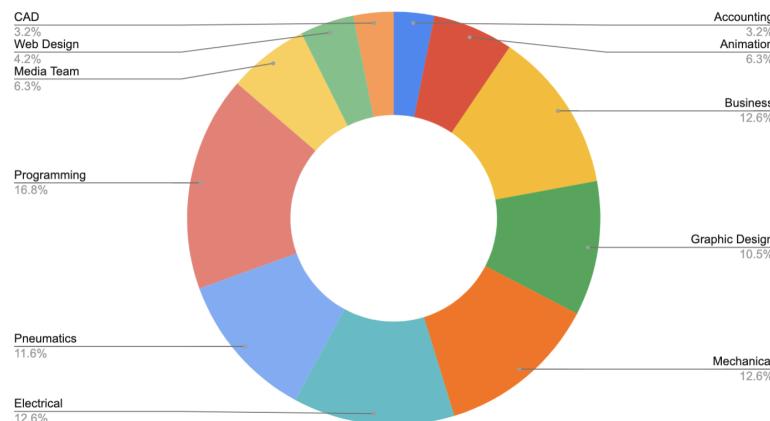
- Willie Pai, President of UHS Wolfpack

## INTRODUCING FIRST

FIRST (For Inspiration and Recognition of Science and Technology) is an international youth organization that was founded in 1989 by Dean Kamen and Woodie Flowers. FIRST is most notably responsible for the FIRST Robotics Competition (FRC) and the FIRST LEGO League. FIRST designs innovative programs that encourage young leaders to pursue opportunities in the STEM fields while simultaneously expanding their horizons among leadership, teamwork, and problem solving areas.

Through the annual challenge that commences in January, FRC combines the excitement of competition with the rigours of real life engineering applications. Under strict rules and a limited period of time, teams are designated to raise funds in order to physically construct and program a multi-functional robot based on the challenge theme. The robot goes on to play a strenuous field game whilst competing against other professional teams.

**UHS Wolfpack Team Composition**



Department	# of Members
Accounting	3
Animation	6
Business	12
Graphic Design	10
Mechanical	12
Electrical	12
Pneumatics	11
Programming	16
Media Team	6
Web Design	4
CAD	3

Grade	# of Members
9	20
10	22
11	23
12	30

# GET INVOLVED

By sponsoring UHS Wolfpack, your company becomes part of our Wolfpack family. You and your company will be associated with an elite robotics team and can additionally benefit through the following ways:

- Gaining major exposure to hundreds of interested customers through UHS Wolfpack's social media outlets.
- Investing in future leaders by connecting, educating, and helping to create a technology-literate workforce.
- Providing valuable employee volunteer opportunities as advisors.
- Strengthening your company's relationships and brand perception among a community of tech entrepreneurs.

2019-2020 Budget Breakdown

Item	Amount	Description
Robot	\$600	Robot Drivetrain Frame
	\$300	Robot Wheels
	\$300	Robot Motors
	\$400	Robot Lift System
	\$500	Robot Power Distribution Panel + Amp Circuit Breaker + Wiring
	\$600	Robot roboRIO
	\$600	Robot Spark MAX controller
	\$1800	Robot Material
	\$400	Robot Miscellaneous Parts
	\$5,500	Robot (Total)
Registration	\$7,500	Registration for FIRST Robotics Competition
Transportation	\$2,000	Team and robot transportation
Marketing Apparel	\$2,550	Team competition t-shirt, website
	\$17,550	TOTAL Expenses

## SPONSOR TIERS

BENEFITS	GOLD \$500-\$1499	PLATINUM \$1500-\$2499	DIAMOND \$2500+
Company Logo and Link On Team Website	✓	✓	✓
Company Logo On Team Apparel	SMALL	LARGE	LARGE
Company Logo On Team Robot	SMALL	LARGE	LARGE
Recognition Plaque		✓	✓
Option to Hand Out Company Promotional Material		✓	✓
Company Logo Display in Competition Pit			✓

NOTE: Wolfpack Robotics is an extracurricular team of Unionville High School through YRDSB which is an educational institution and/or not-for-profit organization. All donations are eligible for a Charitable Tax Receipt.



## AN INTEGRAL PART OF OUR SUCCESS...

With nearly half of the Wolfpack Robotics Team consisting of girls, females serve as the cornerstone of our extensive success. These brilliant young girls are provided with opportunities to realize their fullest potential in the rapidly growing world of STEM.

The wide array of roles and responsibilities within each department enables members to develop essential skills related to various salient fields in the industry. These fields encompass programming, computer-aided design, mechanical engineering and electrical engineering, integral to our success.

## OUR INITIATIVE: STEM FOR GIRLS

In our community, we strongly believe that all girls have the power to pursue a future in STEM. Amelie Zhang, our vice-president, turned this belief into a reality when she went onto founding the STEM for Girls initiative.

We strive to close the gap between the number of men and women in this male-dominated industry. Through our activities that promote collaboration and networking amongst passionate, like-minded girls, we have effectively helped towards dismantling the stigma. By closely working with these young minds, STEM For Girls serves as a powerful catalyst to inspire these future leaders in their career pathways.



# CONNECT WITH US

## CLOSING REMARKS

On behalf of UHS Wolfpack, we would like to thank you for taking the time to consider a partnership in preparation for the upcoming FRC Competition. If you have any questions, concerns, or would like to solidify your partnership with Wolfpack as a sponsor, please feel free to contact us at any time. We would be thrilled to discuss the opportunities we have in further detail, and make any accommodations necessary to best fit your needs. All sponsorship cheques can be made out to “Unionville High School UHS Robotics Team”. We look forward to working alongside you towards another highly successful season and making an impactful difference among our community.

Sincerely,

Michael Yang  
Business Director  
[team7721@uhsrobotics.org](mailto:team7721@uhsrobotics.org)  
FRC #7721 & #849, FTC #163



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[uhsrobotics.org](http://uhsrobotics.org)