

Sponsorship Package

Mars Rover Team
2020-2021





MISSION STATEMENT

UW Robotics aims to provide opportunities for passionate students to develop personal and professional skills while exploring the constantly evolving field of robotics and technology.

OUR TEAM

With over 55 dedicated students from Engineering, Mathematics, Science, and the Arts, our Mars Rover Team strives for unique projects and international success. For the past three years, a Mars Rover Robot has been sent to the University Rover Challenge at the Mars Research Station in the Utah desert. All team members are eagerly applying in class knowledge and co-op experience to the field of robotics, creating new and exciting technology year after year.

OUR HISTORY

2019

University Rover Challenge
33rd place globally
Best ever application score



2017

University Rover Challenge
15th place globally
2nd in Canada



2013

NASA Sample Return Robot
Challenge

2020

University Rover Challenge
21st place globally for qualifiers
Competition canceled due to
COVID-19



2018

University Rover Challenge
22nd place globally



2016

University Rover Challenge
Applied for first time
Not accepted to competition

2011

Intelligent Ground Vehicle
Competition (IGVC)

MARS ROVER COMPETITION



The University Rover Challenge is an annual competition hosted by the Mars Society at the Mars Desert Research Station in Hanksville Utah. Teams are tasked to design and build the next generation of Mars rovers that will one day work alongside human explorers in the field. Every year more than 80 teams apply from across the world with only 36 being accepted.

Each team builds a rover capable of completing four different tasks: Extreme Retrieval and Delivery, Equipment Servicing, Science, and Autonomy. For all tasks except autonomy the rover is teleoperated with users relying on camera feeds and sensors. In the autonomy task given a GPS wavepoint the robot must identify a tennis ball at the location while avoiding obstacles on its way.

This year the mechanical team will work primarily on chassis iterations, a science system redesign, and a new end-effector. Electrically the team will be designing new custom power distribution and communications boards, while the software team will work improve inverse kinematics, the GUI, and the autonomy stack. Having built up a competitive reputation over the past three years UW Robotics is hoping for a personal best finish in 2020.



SPONSOR US

..... **Show Off Your Contribution**

We have performed well in international competitions and have made our current sponsors proud. Imagine your company logo displayed in front of a worldwide audience on vehicles that you helped create.

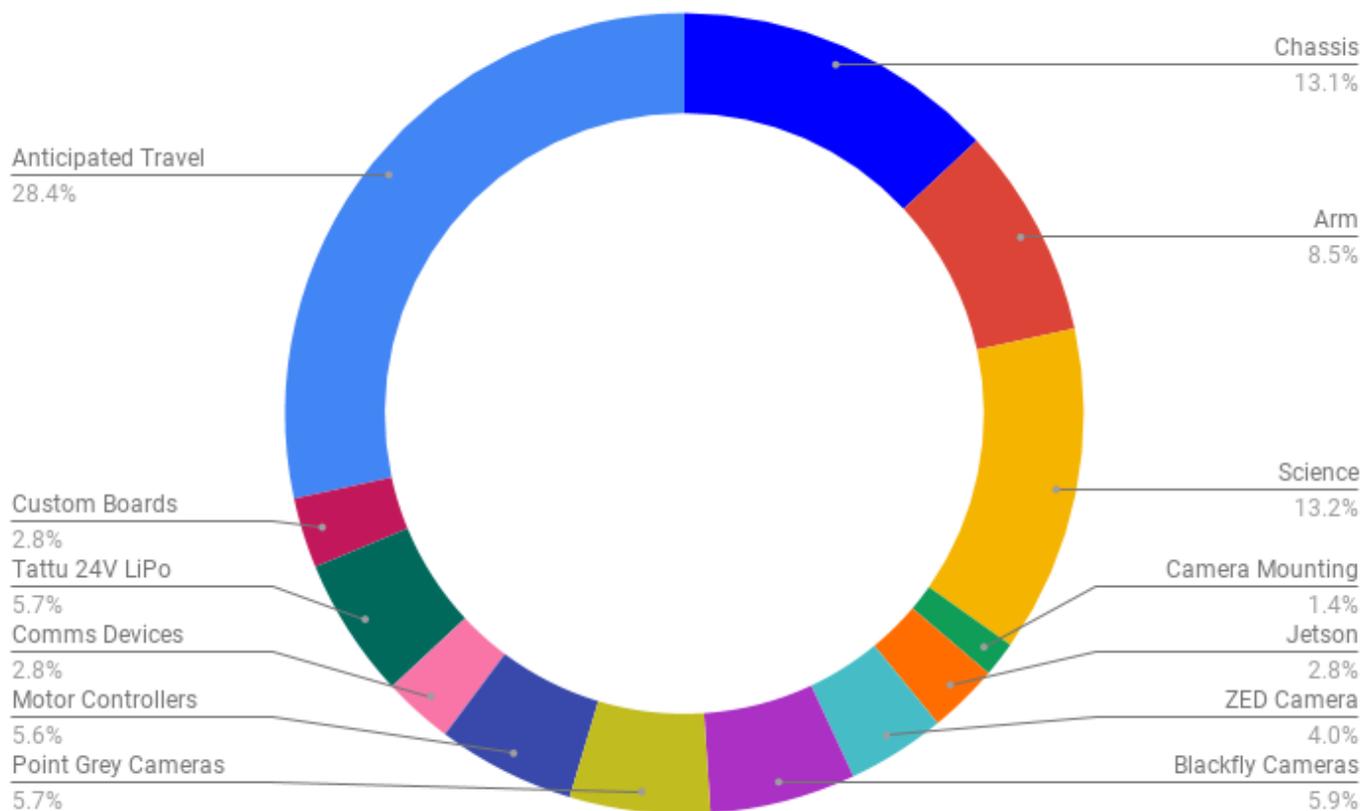
..... **Help Young People Learn**

UW Robotics Team is a platform for young, passionate individuals to develop their interests in technology. By offering sponsorship, you help give them the opportunities to learn the necessary technical skills, gain hands-on experience and, ultimately, make dreams into reality.

..... **In-Kind Sponsorships**

Along with monetary sponsorships, we are also searching for help from in-kind sponsors. Material and manufacturing contributions can greatly enhance the success of our projects.

BUDGET



Above is the expenses breakdown for the nearly \$18,000 CAD spent in 2019. Your contributions will go towards development of our unique rovers designed, built, and programmed by UW students

SPONSORSHIP OPPORTUNITIES



Sponsorship Levels	Platinum \$ 10000+	Gold \$ 5000+	Silver \$ 1000+	Bronze \$ 500+
Access to resume Database and personalized info sessions				
Company name and logo on promotional material and coordinated social media campaign				
Advertisement opportunity at events				
Large sized company name and logo on Waterloo Robotic's website, robots, and team uniform				
Medium sized company name and logo on Waterloo Robotic's website, robots, and team uniform				
Small sized company name and logo on Waterloo Robotic's website, robots, and team uniform				

ACKNOWLEDGEMENT



We would like to thank all of our sponsors for supporting our projects.



LEARN MORE

..... CONTACT US



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