2020 - 2021

a : Wayne and William White Engineering
Design Centre
2345 East Mall
Vancouver, BC
V6T 1Z4
e: snowbots.ubc@gmail.com

snowbots

2020-21 SPONSORSHIP PACKAGE

UBC

Presented to

NOTE TO POTENTIAL SPONSOR

DEAR POTENTIAL SPONSOR,

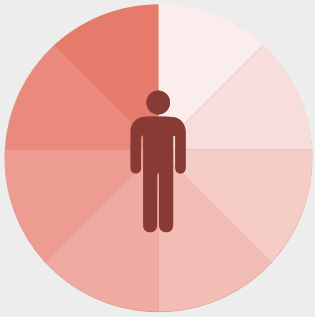
What is UBC Snowbots?
UBC Snowbots is a student-run engineering design team operating at The University of British Columbia.
Our team's goals is to foster interest in autonomous navigation technology, to cultivate an environment of learning and collaboration for members who are passionate about engineering, robotics and the future. Each year we participate in an international competition and build full autonomous ground vehicles.

What have we done?
UBC Snowbots established in 2008 is one of the oldest student-run engineering teams at UBC, in the prior years, we have participated in the International Autonomous Robot Racing Challenge, where we achieved top rankings for five consecutive years. Our other projects, which revolve around larger robots (up to 50Kg), were taken to compete at the Institute of Navigation Autonomous Snowplow Competition (IONASC) and more majorly the Intelligent Ground Vehicle Competition (IGVC). We have attained success in these fields as well being ranked in the top 5 for 3 of the years of the 5 years years we attended IGVC.

This year, building on our past experiences and successes, we are shifting our focus to Mars Rover design. In 2021, we are scheduled to compete in the upcoming Canadian International Rover Challenge (CIRC).

Why Sponsor us?
We are always grateful towards our sponsors and in return, we provide creative marketing and media exposure as well as direct networking opportunities with UBC students. We also offer unique workshop tours and recruiting opportunities with our members. Snowbots is a cross-disciplinary collaboration with talented individuals from Engineering, Computer Science and many other faculties. By supporting us, you are providing us with the privilege and encouragement to pursue our passion for autonomous high quality technology development.

WHO WE ARE



Our team is a cross-disciplinary collaboration between individuals from multiple faculties, featuring talents from Computer science, Software, Electrical and mechanical as well as other fields of operations.

MECHANICAL

This team takes care of designing, machining and constructing the robot. They work on the drive-train, robotic arm and the complex chassis, which must navigate difficult terrain and house our many sensors.

SOFTWARE

The software team works with computer vision, path finding, and web-development to control the robot autonomously or remotely. They bring the robot to life.

ELECTRICAL

The electrical team works chiefly on wiring, power and control. They create the power supply system, set up firmware/motor control and even work on our long range communication systems.

ADMIN

The admin team keeps our team running smoothly; they organize meetings, events and recruiment. They are also responsible for all of our funding, community outreach and sponsor relations.

OUR WORK-COMPETITIONS

Since 2014 we have been competing in the Intelligent Ground Vehicle Competition (IGVC) held in Michigan. IGVC is an international competition with over 40 teams from Australia, China, India, Japan and the United States competing to showcase the future of autonomous vehicles.

In prior years we have competed in the International Autonomous Robot Racing Challenge (IARRC) where we achieved top ranking for five consecutive years. Also in the past we competed in the Institute of Navigation Autonomous Snowplow Competition (IONASC) where we tested the mechanical limits of our design.

Building off our successes in small scale vehicle design and autonomous navigation, we are now shifting our focus to a Mars rover design. We plan to compete at Canadian International Rover Challenge in 2020 (CIRC).

PREVIOUS TITLES

2008 IARRC 4th place
2009 IARRC 2nd, 3rd, 4th, 5th Place
2010 IARRC Grand Prize and 2nd Place
2011 IARRC Grand Prize
2012 IARRC Grand Prize
2014 IGVC Qualification
2015 IGVC 4th Place Design
IGVC 5th Place IOP Challenge
2016 ION ASC Participation
IGVC 5th Place Design
IGVC Rookie of the Year
2017 IGVC 5th Place AutoNav Challenge
IGVC 5th Place IOP Challenge

HOW YOU CAN HELP

- Raising a robot for competition is costly, and the easiest way you can support us is through direct funding. Kind donations and other services are also greatly appreciated.

- In return, we would like to provide your company with the recognition deserved as an advocate for robotics research, supporter of student professional development, and most importantly a part of our robot's family.

Perk \ Tier	Bronze $700+	Silver $1500+	Gold $3000+
Social Media Mention	✓	✓	✓
Logo of Corresponding Tier On Uniform	✓	✓	✓
Event Invitations	✓	✓	✓
Logo of Corresponding Tier On Promotional Material		✓	✓
Large Logo on Robot		✓	✓
Logo on Social Media & Website		✓	✓
Workspace Tours			✓

*In kind donations will be provided benefits based on monetary value of donation

**Tier level will affect location and size of logo

On top of a warm welcome into our family via a letter for all contributions, we also have extra gifts based on the contribution amount.

As the year goes around, we wish to see our family grow, may it be students, robots or sponsors. This year, we wish we would be able to share the joy and excitement with you and grow our relationships further.
We look forward to any support!

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Your support helps us grow as a team and give us the confidence to explore on the fringe of robotics. We appreciate all the support that you can/have given us.

To reach out to subscribe to our updates, open house event or to contribute, please contact us at *snowbots.ubc@gmail.com*.

Regards,
The UBC Snowbots Team