

UBC SNOWBOTS



2017-2018

Sponsorship Package

Who We Are

We are a team of students passionate about engineering, robotics, and the future. Each year we build a fully autonomous ground vehicle. The technology we develop are used in personal transport (self-driving cars), mining, search and rescue, and automated home appliances.



What We Do

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.

In prior years we have competed in the **International Autonomous Robot Racing Challenge** (IARRC) where we achieved top ranking for five consecutive years.

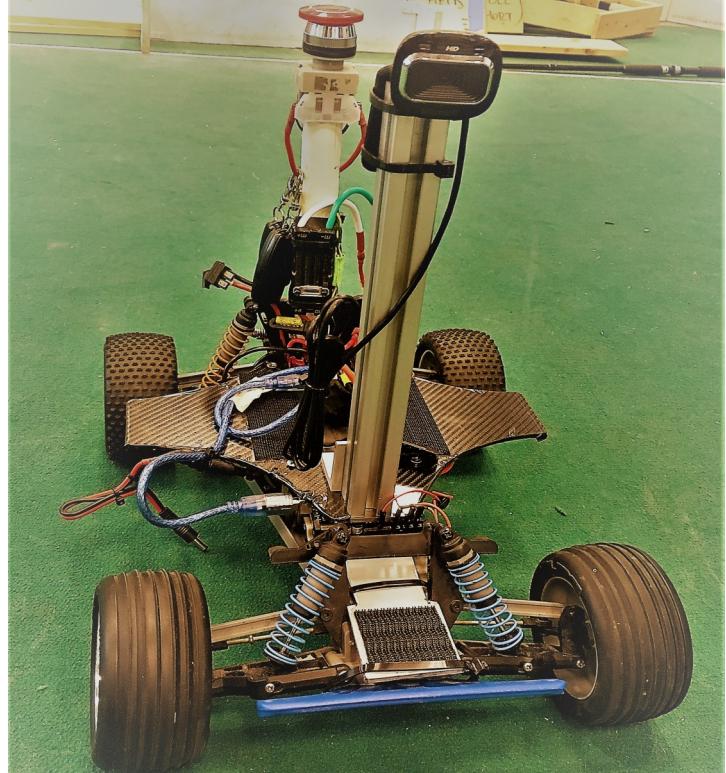
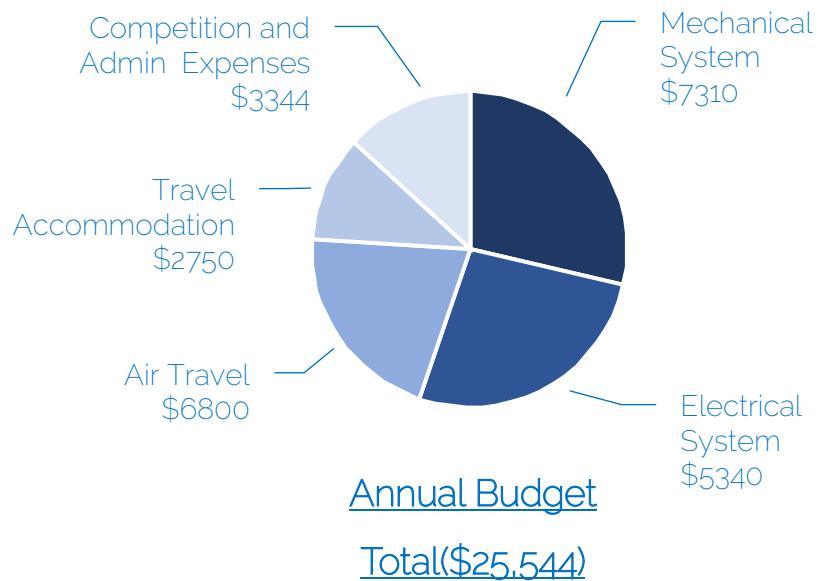
In recent years we took the first steps in competing in the **Institute of Navigation Autonomous Snowplow Competition** (IONASC) where we tested the mechanical limits of our design.

- 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

Why We Need Your Help

Our team is a cross-disciplinary collaboration between talented individuals from Engineering, Computer Science, and other faculties. Being able to work with cutting edge technology is a privilege provided by our sponsors. Unfortunately, we have not taught our robot to fly, so her ticket also comes from the generosity of our sponsors. By supporting us, you are providing a young robot with new clothes, shelter, and a chance to see the world.

| | |
|-----------|--|
| September | Recruitment/Onboarding |
| October | Initial Designs Mechanical purchases |
| November | Mechanical Prototypes Sensor/Firmware Testing |
| December | Finalizing Design |
| January | Fabricate New Platform |
| February | Frame completion |
| March | Frame + Motor Testing Chassis Completion |
| April | Mech and Software Integration |
| May | Competition Preparation |



How You Can Help

Raising a robot for competition is costly, and the easiest way you can support us is through direct funding. In kind donations and 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.

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.

| 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

As the new year rolls 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.

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 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

