



2016-2017

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.

Last year 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.

Our Robot



Blessed by our previous sponsors, she has been able to go to Minnesota and Michigan. Elsa has been fortunate enough to have seen more snow than most robots that grew up in Vancouver.

As she grows 3 this year, our team wishes we can answer the hard work she has put in at competition. Continuing to bring her new places, meet new people and have new experiences.

Elsa did also tell us that she wants to see her family grow. With the right support, we wish to give her siblings. Company for the cold nights in our work space.

This is Elsa.

She can sing and dance like in the movies. Born on a peaceful afternoon in February of 2015.

Though she is young, she has moved on from training wheels to large snow tires since her birth



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
5th Place IOP Challenge

2016—ION Autonomous Snowplow Competition
IGVC 5th Place Design Rookie of the Year Award

September—Recruitment / Design

October—Order Parts

November—Sensor/Microcontroller Testing

December—Modular Testing on Earlier Platforms

Winter Break

January—Construction on New Platform

February—Preliminary Integration Test

March—Improvements and Maintenance

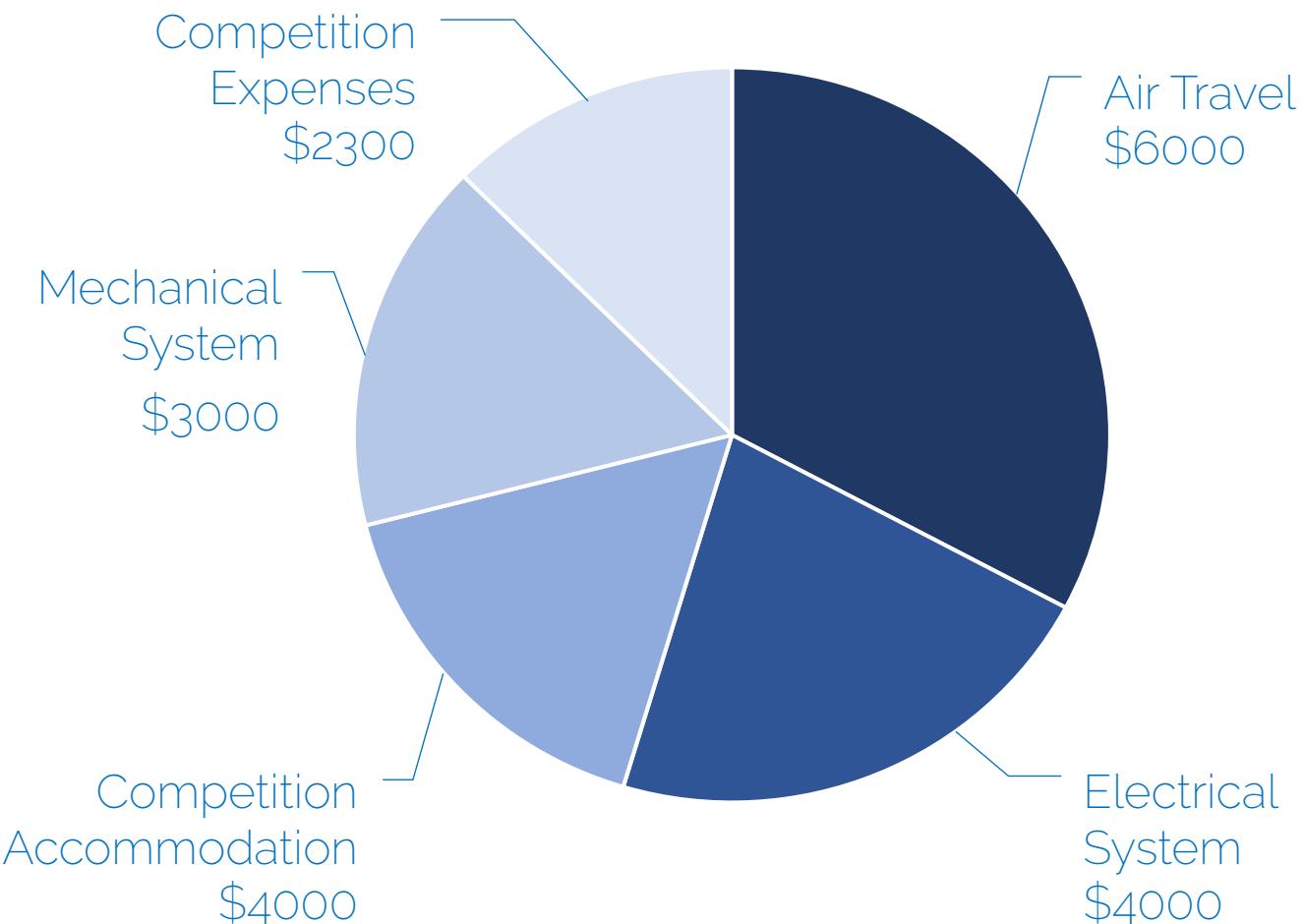
April —Stress Testing

May—Competition Preparation

June—Competition in Michigan

Why We Need Your Help

Our team is a cross-disciplinary collaboration between talented individuals from Engineering and Computer Science. 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.



Annual Budget

Total(\$19300)

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 Up To \$500+	Up To \$1000+	Over \$3000+
Social Media Mention	✓	✓	✓
Event Invitations	✓	✓	✓
Logo On Uniform	✓	✓	✓
Logo on Robot, Banner, Reports		✓	✓
Workspace Tours		✓	✓
Logo on Social Media & Website		✓	✓
Advertisements & Handout at Events			✓

*All sponsor benefits last till the end of the competition year.

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

Thank You

You are the fairy to our Pinocchio, breathing life into our CAD models. The godmother of Cinderella, clothing our robot, giving her the courage to face the world. The process of turning a CAD model into a robot with a mind of its own does not come easy, and your contributions do make a difference.

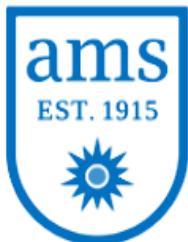
Every year students join Snowbots to learn and work with cutting edge technology. Though we do our best to answer these expectations, we would've never been able to do it on our own. Below are our past sponsors that made it possible for us to go to competition.



Walter H. Gage
Memorial Fund



Engineering
THE UNIVERSITY OF BRITISH COLUMBIA



Student Society
of UBC Vancouver

FLUOR.



THE UNIVERSITY OF BRITISH COLUMBIA

As the new year rolls around, we wish to see our family grow, may it be students, robots or sponsors. We wish this year 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. And we appreciate all the support that you have given us.

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

Regards,
Snowbots Team