



Aerial Evolution
Association of Canada
Association pour l'Évolution
Aérienne du Canada

2023 Student UAS / UAM Competition

Aerial Evolution Association of Canada / Association pour l'Évolution Aérienne du Canada - AEAC has launched its 14th Annual Student Competition. The purpose of our annual competition is to:

“Promote and develop Canadian expertise and experience in unmanned systems technologies at the university and college levels.”

Typically 15 teams involving 150 students in total, compete each year from universities across Canada to address a practical, real-life challenge that requires strong teamwork, technical skills and innovative solutions.



[Click here](#) or search **USC Student Competition 2019** on YouTube to catch the highs and lows of a typical competition.

This year's scenario introduces a new concept with an eVTOL (scaled) UAS competition. A Big City would like to improve the efficiency and effectiveness of downtown passenger transit, and requests bids to develop and demonstrate an Urban Air Mobility System (UAMS) sub-scale prototype. University and college teams from across Canada, are invited as industry Bidders, to create concepts, design a UAM System, and compete in a sub-scale assessment of their designs and participate in head-to-head flight assessments.

The 2023 competition will be held at Le Centre d'excellence sur les drones - CED Alma, QC. This opportunity allows Canada's best and brightest to display leadership, real-world problem-solving skills and teamwork in a stressful, competitive environment. When tested internationally, Canadian teams are at or near the top!

Your support is required to ensure the success of this world-class competition.

All sponsor contributions go directly towards competition expenses and prizes awarded to winning teams. As a sponsor, donations are potentially ITB eligible and you will be recognized in social and online marketing activities of AEAC and our industry partners.

You are invited - and encouraged - to participate at this year's competition. For companies seeking new talent, event participation pays off each year as many student competitors are hired by sponsors who demonstrate their commitment to supporting innovators.

To become involved in the Canadian UAS / UAM sector review this year's sponsorship opportunities on the following pages then contact us at competition@aerialevolution.ca

AEAC Annual Student competitions are conducted in two phases:

Phase 1 – Technical Design Papers are scored by our panel of experts (due January 15th , 2023).

Phase 2 –Operational Demonstration in Alma QC (May 5th – May 7th 2023).

2022 Phase 1 Design Paper Winners

- 1st Place** - École de technologie supérieure – DronoLab
- 2nd Place** - University of British Columbia – UBC UAS
- 3rd Place** - Université de Sherbrooke – VAMUdeS

2022 Competition Winners

- 1st Place** - Ryerson University – RUAV
- 2nd Place** - University of British Columbia Okanagan – UBCO Aerospace
- 3rd Place** - Université de Sherbrooke – VAMUdeS

Thank you to all of the participating teams in the 2022 UAS Student Competition

École de technologie supérieure – DronoLab

Ryerson University – RUAV

University of British Columbia – UBC UAS

University of British Columbia Okanagan –

UBCO AEROSPACE

University of Manitoba - UMUAS

Université de Sherbrooke - VAMUdeS

University of Toronto – UTAT UAS

University of Waterloo – WARG

Observers:

Carleton University – Blackbird

University of Alberta - UAARG

SPONSORSHIP OPPORTUNITIES & RECOGNITION

All UAS Student Competition sponsors receive:

- One year membership to AEAC
- Logo recognition on AEAC website and all presentations and awards
- Sponsor recognition in all AEAC press releases related to the event
- A minimum of 2 minutes to introduce your company during the Friday Meet and Greet Reception and tell students what future employment and research opportunities you are looking for

All sponsors are encouraged to attend this world class competition and real-life job interview. Included are an invitation to the Awards Banquet, opportunities to present prizes to team winners, meet with students/teams and access resumes for recruiting purposes.

The table on the next page outlines additional marketing benefits and judging opportunities for each of the five (5) event sponsorship levels: Endowment (\$15,000), Premier (\$10,000), Contributing (\$5,000), Competition (\$2,000) Supporting (<2,000).

Sponsor Levels	Additional Marketing Benefits
Endowment Sponsor \$15,000	<ul style="list-style-type: none"> ● 10 minutes to present during Friday's Meet and Greet Reception ● Opportunity to judge ● Opportunity to introduce your company and present the overall Competition Winner with their award at the awards banquet
Premier Sponsors \$10,000	<ul style="list-style-type: none"> ● 5 minutes to present during Friday's Meet and Greet Reception ● Opportunity to judge ● Opportunity to present a top Design Paper Award during the awards banquet
Contributing Sponsors \$ 5,000.00	<ul style="list-style-type: none"> ● 5 minutes to present during Friday's Meet and Greet Reception ● Opportunity to judge ● Competition placement prize during the awards banquet
Competition Sponsors \$2,000.00	<ul style="list-style-type: none"> ● 3 minutes to present during Friday's Meet and Greet Reception ● Opportunity to judge ● Competition placement prize during Awards Banquet
Supporting Sponsors <\$2,000.00	<ul style="list-style-type: none"> ● 2 minutes to present during Friday's Meet and Greet reception ● Opportunity to judge

PRIZES AND AWARDS

Sponsor a prize or award in your name! Present the certificate with your logo at the awards banquet. Streamline your support with a multi-year commitment. The following prizes are approximate amounts, as the prizes are dependent upon total competition budget / sponsor contributions.

Design Paper Awards

1st Place - \$1,500
 2nd Place - \$1,000
 3rd Place - \$500

Competition Winners

1st Place - \$3,000
 2nd Place - \$2,000
 3rd Place - \$1,000

Special Awards - \$1500

Innovation, Perseverance, Unique Feature
Your Company Award - \$\$

To Become a Sponsor, contact competition@arialevolution.ca

Please see the next page to review our sponsors for the 2021 - 2022 UAS Student Competition.

Thank you to all of our previous event sponsors - we hope to see you in Alma this May!



Aerial Evolution
Association of Canada
Association pour l'Évolution
Aérienne du Canada

Thank You 2022 Sponsors

HOST



CONTRIBUTING SPONSOR



COMPETITION SPONSORS



SUPPORTING SPONSORS



Michael Lévesque