



WATERLOO ROCKETRY

2025 SPONSORSHIP PACKAGE



UNIVERSITY OF
WATERLOO



www.waterloorocketry.com

ABOUT US

We are a group of passionate students developing advanced liquid rockets.

Waterloo Rocketry is a team of undergraduate students from the University of Waterloo in Ontario, Canada. Our members have diverse backgrounds and skill sets from a variety of engineering, science, and other disciplines.

Our team competes annually at some of the largest intercollegiate rocket engineering competitions in the world, such as Launch Canada, and in the past Spaceport America Cup.

We strive to provide students with opportunities to solve real engineering problems, giving them a unique and exciting way to develop hands-on skills.



PAST ROCKETS

Since our founding in 2009, Waterloo Rocketry has designed, built, tested and launched rockets annually, while also developing and building robust ground support equipment and operating procedures. Every aspect of our rocket is student developed, from the engine and airframe to the recovery system, payload, and avionics.

2024 'Borealis'

The first-ever Canadian liquid bi-propellant rocket. It reached an altitude of 19,212 ft and achieved a top speed of 1646 km/h, carrying a biomedical payload. Won 1st place in the advanced launch category when it launched at Launch Canada.



2023 'Leviathan of the Sky'

Hybrid rocket launched at Spaceport America Cup (SAC) 2023. Flew to an apogee of 31,476 ft, earning 2nd place in its category, best flight footage award and honorable mentions for other awards. One of the best-performing hybrid rockets to ever launch at SAC.



2022 'Kraken of the Sky'

Hybrid rocket developed for Spaceport America Cup 2022. Earned 3rd place in the 30,000 ft category and runner-up for the conference award on the presentation about its reefing recovery system.



2019 'Shark of the Sky'

Hybrid rocket launched at Spaceport America Cup 2019 to an apogee of 15,500 ft, earning 2nd in its category. The rocket's payload was also chosen as 1 of 4 to compete in the Canadian Reduced Gravity Experiment Competition.



2018 'Unexploded Ordance'

Hybrid rocket launched at Spaceport America Cup 2018 to an apogee of 13,000 ft, earning 1st place in its category.



CURRENT PROJECTS

For this year's design cycle, Waterloo Rocketry is aiming higher than ever before.

We're continuing on our liquid rocket success with **INCREASING LAUNCH ALTITUDE, WORKING TOWARDS A 100,000ft LAUNCH IN 2026.**

Featuring an active controls system for **CANARDS FOR ROLL CONTROL.**

Our payload will be a **DEPLOYABLE HYPERSPECTRAL ATMOSPHERIC CAMERA.**

To achieve these ambitious goals, our main objectives will include optimizing our liquid engine and making it more powerful. We're increasing the diameter of the airframe by 33% requiring improved infrastructure and refined composite manufacturing processes. We're changing our recovery system to be more reliable, and our electrical team is upgrading with new long range telemetry, and a new systems architecture.



WHY SPONSOR US?

Our team consists of over 100 highly driven problem-solvers who learn quickly, work diligently, and deliver reliably. Your organization builds a great relationship with some of the most promising aerospace students that Waterloo had to offer, some of whom have gone on to work at SpaceX, Rocket Lab, MDA, Pratt & Whitney, and more.

After our recent historic milestone in Canadian aerospace with the first ever Canadian liquid bi-propellant rocket, and winning in the advanced launch category at Launch Canada 2024, Waterloo Rocketry and by extension our sponsors, had multiple media appearances on CBC, CTV, and more.



By sponsoring us, you help us reach our greatest heights yet, and set higher goals for ourselves and the future of the team. You are supporting a motivated group of students, and the next generation of Canadian aerospace engineers.



HOW YOU CAN HELP

As you could imagine...

LAUNCHING ADVANCED LIQUID ROCKETS ISN'T EASY!

We invest significantly in student research and development, with advanced electronics and sensors, precision manufacturing, composite fabrication, high performance materials for our rocket, infrastructure, and ground support equipment.

Our projects put an emphasis on high quality engineering, reliability, following industry standards, and safety with many tests.

Waterloo Rocketry appreciates both in-kind and monetary contributions to our team's projects.

SPONSORSHIP TIERS

Tiers are rolling and cumulative over two years. Unrenewed sponsorships will be listed as 'previous sponsor' with a logo on the team website.

	Bronze \$50-\$499 (CAD)	Silver \$500-\$2499 (CAD)	Gold \$2500-\$9999 (CAD)	Platinum \$10000+ (CAD)
Logo and link on sponsorship page	✓	✓	✓	✓
Logo on banner displayed at events	Small	Medium	Medium	Large
Logo on slide decks at conference presentations	✓	✓	✓	✓
Logo on all team videos	✓	✓	✓	✓
Logo on all team shirts	Small	Small	Medium	Large
Description on sponsorship page			Short	Long
Logo on rocket or other prominent hardware			Small	Large



FINAL WORDS

From all of us at Waterloo Rocketry,

Thank you for taking the time to review this package. Through this team and the support of our sponsors, our team members have been able to learn and develop countless valuable skills, and we know that there is still so much more to explore.

We hope that you will consider supporting our mission to inspire the next generation of scientists and engineers, including growing Canadian aerospace, at the University of Waterloo. We greatly appreciate your consideration and we hope that you join us on our journey of success.

Contact Information:

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www.waterloorocketry.com

Follow our successes on our YouTube channel and LinkedIn @WaterlooRocketry

The University of Waterloo is consistently rated as the most innovative university in Canada. To learn more, visit www.uwaterloo.ca





A massive thank you to our current sponsors!



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