

2020-2021 SPONSORSHIP PACKAGE



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THE SPONSORSHIP

Through the generous contributions of our sponsors, we are able to have access to state of the art technologies, materials, and workspaces.

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WHY SPONSOR?

By supporting uORocketry, you are helping the next generation of industry leaders discover their full potential.

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JOIN US

We are excited to work with our sponsors to create meaningful sponsorships.

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CONTACT INFORMATION

Get in touch with us to learn more.



Our team is divided into a variety of sub teams consisting of Airframe Design, Avionics, Flight Dynamics, Propulsion, Payload, Recovery, and, Finance. uORocketry encourages diversity in students' subject knowledge and experience.



50
ACTIVE
MEMBERS

WHO WE ARE

uORocketry, the University of Ottawa's Rocketry Team, was founded in the September of 2015. Our team applies technical and theoretical knowledge from the classroom and work experiences to enrich our sounding rockets. This year, we are thrilled with the challenge of creating a hybrid engine.

Combining engineering, mathematics and physics, students are able to also develop their hands-on experience working with experimental systems and prototypes.

Our team takes part in a wide range of experimental tasks including aerodynamics, manufacturing, and machining operations.

THIS REALLY IS
**ROCKET
SCIENCE**

WHAT WE DO

Based in the University of Ottawa's newly renovated STEM building, uORocketry has access to several unique and creative spaces. Our team makes use of the Richard L'Abbé Makerspace for 3D printing and laser cutting, and the Brunfield Centre for heavy industry, among others, to help innovate new technologies and augment our learning experience.

As the University of Ottawa does not offer a specialized aerospace program, we want to capture the talent and creativity of the student body in rocketry and its related fields. Through continuous designing, building, and testing, our team aims to cultivate collegiate learning to inspire future industry leaders in space and aeronautics. We continue to foster a new and ambitious community of rocketeers at the University of Ottawa.

THIS IS WHERE
WE WORK



WHERE WE DO IT

WE WANT TO
INSPIRE

WHY WE DO IT





THE COMPETITION



THE SPACEPORT AMERICA CUP



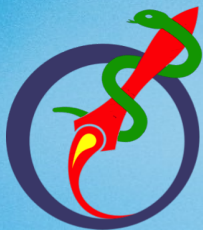
Launching rockets into space is a challenging goal. The difficult part is accuracy. To test our technology, our rocket has to fly to exactly 10 000ft before releasing the parachute. Every year, the Experiment Sounding Rocket Association (ESRA) hosts the Intercollegiate Rocket Engineering Competition (IREC). Since its conception in 2005, IREC has grown in size and scope. Re-branded as the Spaceport America Cup in 2017, the annual competition is held at Spaceport America in New Mexico, USA, and it's our chance to show the world what we are made of.

Last year, uORocketry competed in the 10,000ft target apogee (point in the orbit of an object orbiting Earth) in the commercial off the shelf (COTS) motor category. Before successfully launching and recovering our rocket, we were selected, out of 24 teams, to give a technical presentation on our unique model for predictive control of our rocket's custom airbrake.

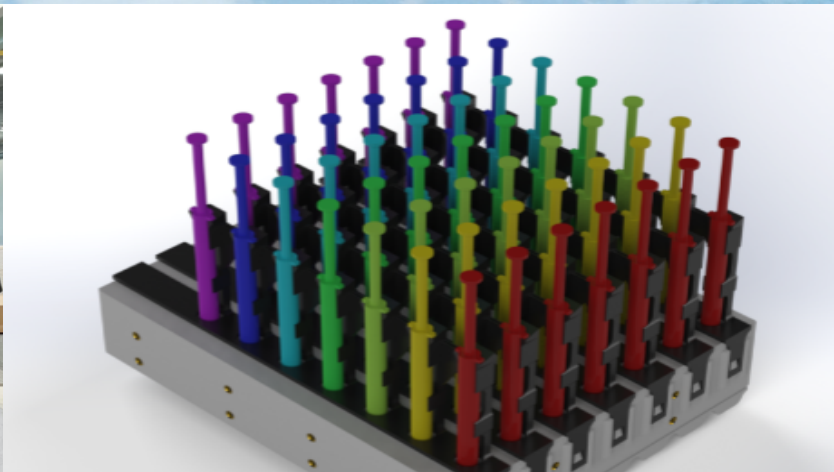
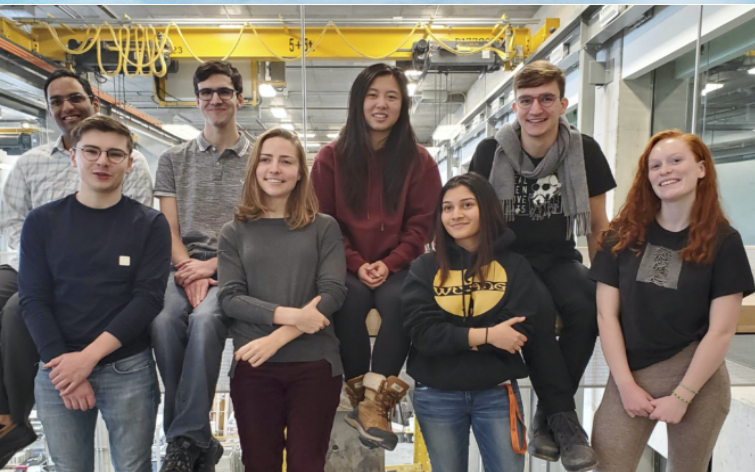
We placed 4th in our category and earned 8th place overall.

1,500
STUDENTS
FROM 124
UNIVERSITIES
AROUND THE
WORLD
PARTICIPATED.

WE PLACED 4th
IN OUR
CATEGORY
AND 8th
OVERALL.



CAN-RGX



THE CANADIAN REDUCED GRAVITY DESIGN CHALLENGE (CAN-RGX)

“Does our medicine work in space? What will astronauts do if they get sick on their way to the Moon or Mars? Partnering with McMaster University’s Brown Lab, uORocketry’s CAN-RGX team is poised to discover whether the world’s most potent antibiotics will be as effective in space as they are on Earth. Closer to home, this will also shine a light onto the mechanics of how these antibiotics work in environments such as our gut.

Partnering with Students for the Exploration and Development of Space (SEDS-Canada) and McMaster University’s Brown Lab, uORocketry is placing a scientific payload aboard the National Research Council’s (NRC) Falcon-20 aircraft to perform experiments in microgravity. As the team builds ever larger rockets, it hopes to take advantage of its experience in the microgravity realm to push the bounds of research. All the while giving opportunities to an interdisciplinary students and fostering collaborations between universities and industries alike





THE SPONSORSHIP

uORocketry levels of sponsorship.

1
PLATINUM
\$3,000

- Logo on sponsors banner
- Logo on uORocketry presentation material
- Logo on website
- Logo on competition team shirts
- Showcase in-kind equipment use
- Social media promotion
- Extra Large Logo on team trailer
- Extra Large Logo on the rocket
- Invitation to team events
- Full access to team resumés

2
GOLD
\$1,500

- Logo on sponsors banner
- Logo on uORocketry presentation material
- Logo on website
- Logo on competition team shirts
- Showcase in-kind equipment use
- Social media promotion
- Large Logo on team trailer
- Large Logo on the rocket
- Invitation to team events

3
SILVER
\$500

- Logo on sponsors banner
- Logo on uORocketry presentation material
- Logo on website
- Logo on competition team shirts
- Showcase in-kind equipment use
- Social media promotion
- Small Logo on team trailer
- Small Logo on the rocket

4
BRONZE
< \$500

- Logo on sponsors banner
- Logo on uORocketry presentation material
- Logo on website
- Logo on competition team shirts
- Showcase in-kind equipment use
- Social media promotion

*** IN-KIND SPONSORS ARE ALSO HIGHLY VALUED. BENEFIT PACKAGES WILL BE DETERMINED ON A CASE-BY- CASE BASIS AND RECOGNITION IS GUARANTEED.**

All monetary donations will receive a tax receipt.



WHY SPONSOR?

Inspire youth in STEM.



SUPPORT INNOVATION

Your contributions directly give uORocketry resources in order to help design, prototype, and manufacture our rocket. In developing our team and our rocket, funding is integral to allow students to think creatively, and innovate new mechanisms, applications and prototypes for our rocket.



BRAND VISIBILITY

By partnering with us, your company becomes part of our team. Along with all of the perks detailed in our previous sponsorship page, we ensure that all of our partners have promotional text they can post on social media or their website to indicate their commitment to supporting youth in STEM.



EMPOWER YOUTH

Through your generosity, students are given the opportunity to learn and grow in a supportive team environment. Along with rocket science, team members cultivate important leadership, teamwork and multi-tasking skills.

Not only are you providing the resources required to maintain this creative and hands-on outlet, but you are helping develop the next generation of industry leaders.



JOIN US









**THANK YOU FOR CONSIDERING
SPONSORING UOROCKETRY.**

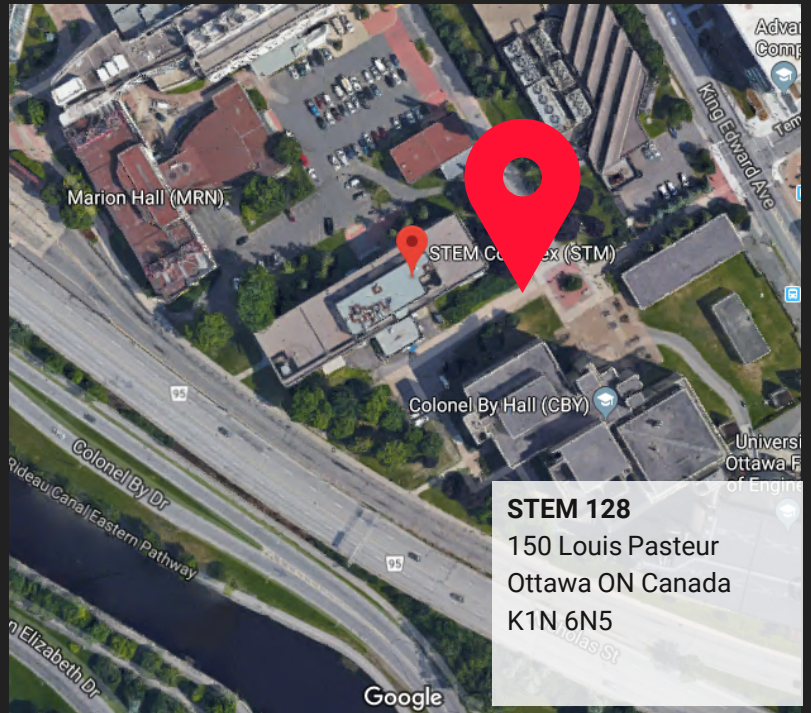
**WE LOOK FORWARD TO WORKING WITH
YOU.**



CONTACT US



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-  **rocketry@uottawa.ca**
-  **uorocketry.github.io**
-  **@uorocketry**
-  **uOttawa Rocketry**
-  **uOttawa Rocketry**



A special thank you to our 2019-2020 sponsors for helping us lift off.













Swagelok Central Ontario



ENGINEERING THE FUTURE OF LIGHT



FROM INSIGHT TO IMPACT

