Mcmaster Aerial Robotics and Drone Team

Sponsorship Package

FLY HIGH, INNOVATE BOLDLY

McMaster University

2025

Contents

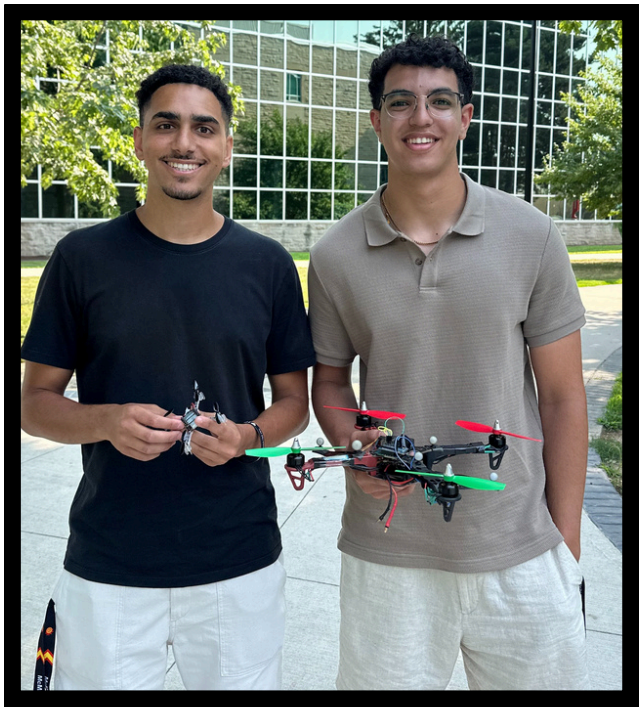
About Us

IGNITING INNOVATION IN AERIAL ROBOTICS

The McMaster Aerial Robotics and Drone Team is a student-led organization dedicated to advancing aerial robotics through innovation, education, and collaboration. Founded in 2024, the team was created to provide McMaster students with a platform to explore the rapidly evolving world of drone technology in a hands-on, real-world environment.

As we grow, we remain focused on achieving the following long-term objectives:

- Establish McMaster as a Leader in Student-Driven Aerial Robotics
- Develop Fully Autonomous Drones for Competition and Research Applications
- Expand Partnerships with Industry and Academic Institutions
- Mentor the Next Generation of Technical Leaders in Robotics and Aviation
- Create a Lasting Knowledge Base for Future Team Members



Fady and Mark (Co-founders)

Mission And Vision

A GLIMPSE OF THE FUTURE

Our mission is to provide a dynamic learning space where students from all disciplines can engage with aerial robotics and develop the technical and professional skills needed in today's engineering landscape.

We achieve this by:

- **Pushing Technological Boundaries:** We design and build advanced aerial systems, always exploring new possibilities in drone functionality, efficiency, and performance.
- **Fostering Practical Skills:** Through workshops, technical training, and mentorship, members gain valuable experience in drone design, control systems, and project development.
- **Enhancing Engineering Education:** We bridge the gap between classroom theory and practical application, encouraging students to turn academic concepts into real-world engineering solutions.
- **Promoting Collaboration:** Our team thrives on creativity, teamwork, and problem-solving, creating a supportive environment for innovation.

Our vision is to establish McMaster University as a leader in student-driven aerial robotics by continuing to develop fully autonomous drones for competition and research application.

We also aim to:

- **Expand partnerships** with industries and academic institutions.
- **Mentor the next generation** of technical leaders in robotics and aviation.
- **Create a lasting knowledge base** for future team members.

MEET OUR TEAM

The minds behind our success

Fady Hanna
Co-Founder & Co-President
Electrical team Co-Lead

Mark Atalla
Co-Founder & Co-President
Electrical Team Co-Lead

Sachin Gupta
Software Team Co-Lead

Tysir Alam
Electrical Team Co-Lead

Aaron Zhao
Mechanical Team Co-Lead

Minhaz Rakin
Software Team Co-Lead

Emily Moonin
Media and Fundraising Team Co-Lead

Naomi CG
Media and Fundraising Team Co-Lead

Cristina IS
Mechanical Team Co-Lead

What We Do

THIS SEASON'S GOALS

This year, we're focused on designing, building, and testing our debut drone from the ground up—a milestone project that marks the beginning of our journey in competitive drone engineering.

COMPETITIONS

AEAC STUDENT UAS COMPETITION

An annual Canadian event where student teams design and test unmanned aerial systems (UAS). Teams compete in missions that require autonomous flight, obstacle navigation, and object detection. Students showcase their UAS innovation and engineering skills.

ABOUT THE EVENT

INTERNATIONAL SUAS COMPETITON

47

An annual global event where student teams compete to develop advanced autonomous UAS. The competition challenges teams to complete complex tasks, including autonomous flight and obstacle navigation, providing valuable experience in unmanned systems technology.

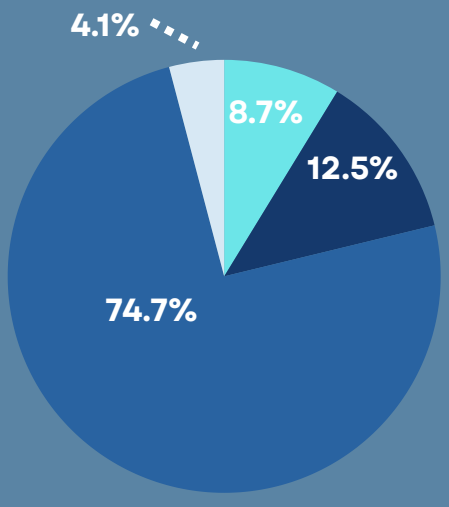
ABOUT THE EVENT

BUDGET BREAKDOWN

THE IMPORTANCE OF YOUR SPONSORSHIP

- Our team is dedicated to pushing the boundaries of drone technology, designing and building cutting-edge aerial robots to compete at the upcoming UAS Competition.
- While incredibly rewarding, this endeavor demands substantial financial support. From high-performance motors and advanced processors to travel, lodging, and competition fees, the costs of building and competing with a world-class drone add up quickly.
- Sponsorship is vital to our success. Your support empowers us to access cutting-edge technology, cover essential competition costs, and invest the time needed to build an innovative, high-performing drone. In return, your brand gains exposure in the fast-growing world of robotics and student-driven innovation.

2025/2026 EXPENSES BREAKDOWN



CATEGORY	ITEM	COST
Competition Fees	Registration Fees	$678.00
Drone Expenses	Structural, Avionics, Propulsion	$967.75
Logistical Expenses	Transportation & Accommodations	$5794.50
Other Expenses	Outreach & Media Promotion	$318.07

2025/2026 Projected Expenses ~ $7758.32

PERKS

WHAT DO WE OFFER IN RETURN?

Benefits	Bronze $500+	Silver $1000+	Gold $2500+	Platinum $5000+
Recognition on website	✓	✓	✓	✓
Recognition on event flyers	✓	✓	✓	✓
Special mention on promotional materials		✓	✓	✓
Personal appreciation posts on social media		✓	✓	✓
Invitation to Attend an Exclusive Annual Event		✓	✓	✓
Your logo displayed on Team merch and drones			✓	✓
Semi-annual impact newsletter			✓	✓
Naming rights for drone module				✓
Oppurtunity to provide promotional material for events/competitions				✓

SUPPORTERS

Want to simply support our work with no minimum contribution? Join us as a supporter to help fund our goals and reach new heights in our practice with a simple donation.

Thank You!

INTERESTED IN SPONSORING US? CONTACT US:

DRONE@MCMASTER.CA
@MAC_DRONECLUB
WWW.MACDRONES.CA
MCMASTER AERIAL ROBOTICS & DRONES