



MAC FORMULA ELECTRIC

2024-2025 SPONSORSHIP PACKAGE





TEAM OVERVIEW

MAC Formula Electric is a student-run team representing McMaster University in the Formula SAE competitions. Our team annually designs, builds, and competes with a fully-electric, quarter-scale, formula-style vehicle. Undergraduate and graduate students on the team have an opportunity to tackle real-life engineering challenges by applying their classroom knowledge through hands-on experiences. In addition to the engineering activities undertaken by the team, we are also required to generate the financial support necessary to cover expenses incurred by the team. These can range from research & development costs that are incurred annually, to non-recurring expenses such as workshop tools and testing equipment.

The team's annual build cycle is driven forward by a multi-disciplinary group of 80-100 members from various engineering and non-engineering fields of study. Through the leadership structure of our team, we provide our members with guidance and mentorship to maximize their learning experience on the team. The restrictions imposed by FSAE competition rules on the vehicle frame and power plant challenge the knowledge, creativity, and imagination of students on our team.

2015



MAC Formula Electric is Founded

2020



MAC EV1 Goes to Virtual Competition

2021



MAC EV2 Goes to Virtual Competition

2022



MAC EV3 Goes to Competition

2023



MAC EV4 Goes to Competition

2024



MAC EV5 Goes to Competition

2025



MAC EV6 Goes to Competition

TEAM LOCATION



The team operates at the Gerald Hatch Centre (GHC) for Experiential Learning at McMaster University. It was built to provide space for McMaster Engineering students to enhance their student experience through extracurricular activities.

The equipment and facilities provided in this space provides the team with resources necessary to maximize our potential. With adequate safety procedures in place and the workspace fully in-use, we are excited to proceed full-steam ahead with the development of MAC EV6!

GHC offers collaborative office spaces where our team members can host in-person meetings and discussions. It also hosts a well-equipped student workshop, and a Build Space where our team workspace is located.

TEAM LEADERSHIP



Arianna Ramotar
Team Principal



Luca Panziera
Mechanical Technical Director



Joshua Dorland
Electrical Technical Director



Lin Fu
Software Technical Director

TEAM LEADERSHIP



Software Engineering



Max Fang
Controls



Blake Freer
Firmware

Mechanical Engineering



Nathan Sheogobind
Suspension & Steering



Ada Wu
Manufacturing



Ryan Torok
Brakes



Yajat Sharma
Chassis

Electrical Engineering



Himanshu Singh
LV Electronics



Lucas Haber
Wire Harness



Chrisha Joseph-Anton
Ergonomics



Simon Armbruster
Manufacturing



Chloe Castellino
Aerodynamics



Santiago Barrera-Thirlwall
Drivetrain



Kartikeya Babhuta
Accumulator



Ioannis Papaspyridis
Motor Drive



Rahim Aziz
HV Electronics

Business



Crystal Lin
Business



James Ensley
Accumulator



Jordan Van Dam
Motor Drive

FORMULA SAE COMPETITION



For the upcoming season, our team is planning to compete in Formula SAE Electric, which will be taking place on June 14-17, 2025 at the Michigan International Speedway.

STATIC EVENTS

- Design and Cost Presentations
- Business Case Presentation
- Technical and Safety Scrutineering
- Tilt Test
- Brake Test

DYNAMIC EVENTS

- Skid Pad
- Sprint (Autocross)
- Acceleration
- Endurance/Efficiency



WHY SPONSOR US?



MAC Formula Electric is committed to a culture of learning, teamwork, and excellence. We demonstrate these core pillars of our team culture through our internal practices, and by partnering with industry leaders and innovators with shared values. We believe in fostering a meaningful learning experience for students on our team through:

- Utilizing tools and practices currently in use across their respective industries
- Opportunities for collaboration and mentorship between students and technical leaders
- Meticulous documentation of research and development activities
- Flexible training that is useful beyond automotive technology applications

Our members apply knowledge and skills learned from their time on the team to their academic work, providing them with an experiential context for the concepts taught in class. They also apply it towards opportunities as interns and co-op students in professional environments. The combination of academic and experiential learning makes our members more efficacious, enriching their learning experience on the job and adding further value to the organization. Members returning from internships and co-op work placements bring with them a wealth of transferrable knowledge and best practices. Our team applies these in the continuous improvement of our internal practices. As a result, members graduating from our team are better equipped to address unique challenges in the industry relative to their peers.

By investing in our team of ambitious students, you support the designers, engineers, and leaders of tomorrow. The funding, resources, or mentorship provided are just a few ways that you can establish strong professional connections with McMaster's brightest individuals. You also benefit from gaining access to a cost-effective medium to promote your brand to our audience at home, or to attendees when our car travels to competitions and showcase events.

SPONSORSHIP TIERS



Benefits	BRONZE \$500+	SILVER \$1000+	GOLD \$5 000+	PLATINUM \$10 000+
THANK-YOU PACKAGE	✓	✓	✓	✓
LOGO ON VEHICLE	SMALL	MEDIUM	LARGE	X-LARGE
LOGO ON WEBSITE		✓	✓	✓
LOGO ON SEASON SHIRT		NAME	✓	✓
SOCIAL MEDIA PROMOTION		✓	✓	✓
NETWORKING & WORKSHOP TOUR			✓	✓
ACCESS TO TEAM RESUME BOOK			✓	✓
FEATURED ON TEAM MERCH				✓
PRODUCT TESTIMONIALS				✓



Thank you for taking the time to review our package!

Looking to reach out? We're looking forward to hearing from you!

formula@mcmaster.ca