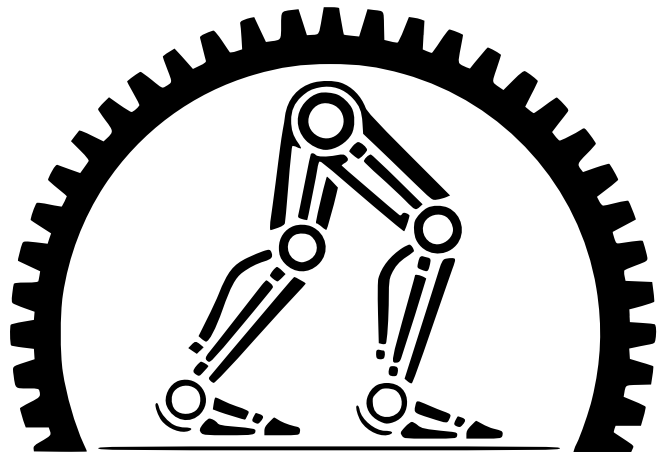


MCMASTER EXOSKELETON

SPONSORSHIP PROPOSAL

2026/27

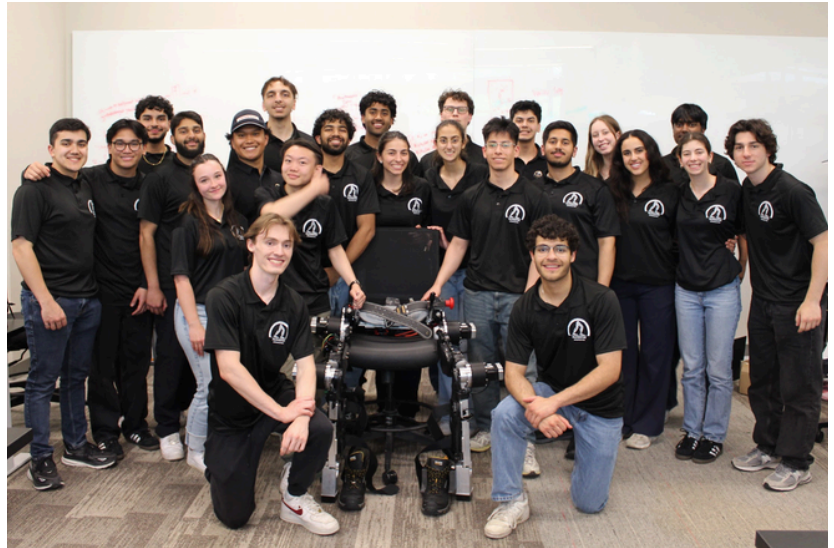


MCMASTER
EXOSKELETON

ABOUT US



The McMaster Exoskeleton Team is a student-led initiative affiliated with the McMaster Engineering Society. We focus on developing a wearable lower-body robotic suit designed to augment the user's strength and mobility.



MISSION & VISION

➔ Mission

Our mission is to apply our engineering expertise in creating meaningful impact in the lives of others. We are committed to advancing human mobility and strength through innovative exoskeleton technology. Join us as we push the boundaries of what is possible in robotics and wearable systems!

➔ Vision

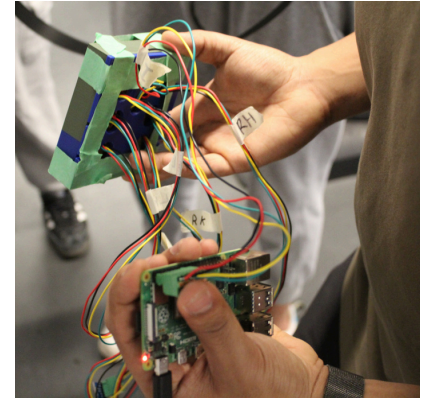
To advance human mobility through innovative exoskeleton systems that empower individuals to achieve greater independence and enhance their everyday capabilities. We envision a future where wearable robotics can help make mobility more accessible, effective, and empowering.

ENGINEERING THE EXOSKELETON



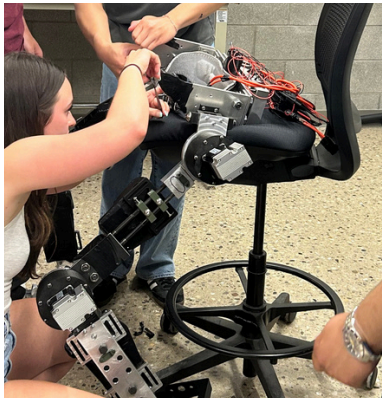
ELECTRICAL

The electrical team designs and implements the exoskeleton's core systems, including power distribution and safety features, circuit design, sensor integration, and power management.



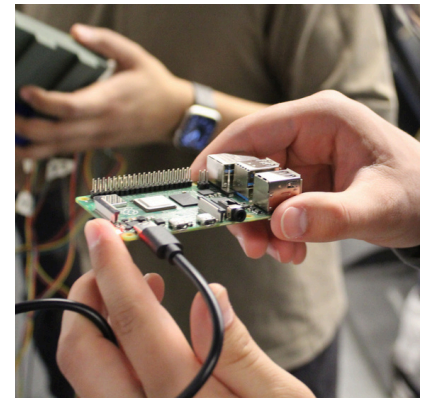
MECHANICAL

The mechanical team designs and constructs the exoskeleton's structural components, focusing on joint mechanisms, weight distribution, and material durability to support the pilot's full range of motion below the hip while ensuring stability and comfort.



SOFTWARE

The software team develops firmware to control the exoskeleton, processes sensor inputs for real-time motion analysis, and manages motor coordination to ensure precise and adaptive movement.



HEALTH & SAFETY

The safety team evaluates the exoskeleton's design for potential hazards, prepares the competition safety report, and implements enhanced safety features to minimize risks during operation and testing.



MEET THE TEAM



Jesse Chen

Co-President/Mechanical Director



Jessica Anziano

Co-President/Electrical Advisor



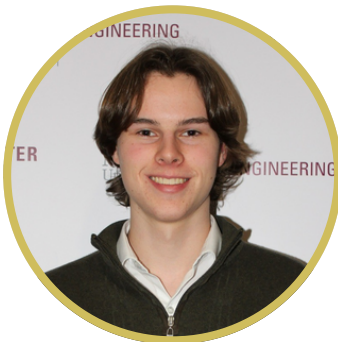
Vineet Aggrawal

Senior Advisor



Brookelyn Shaw

Electrical Director



Aaron Berg

Software Director



Meghan Garner

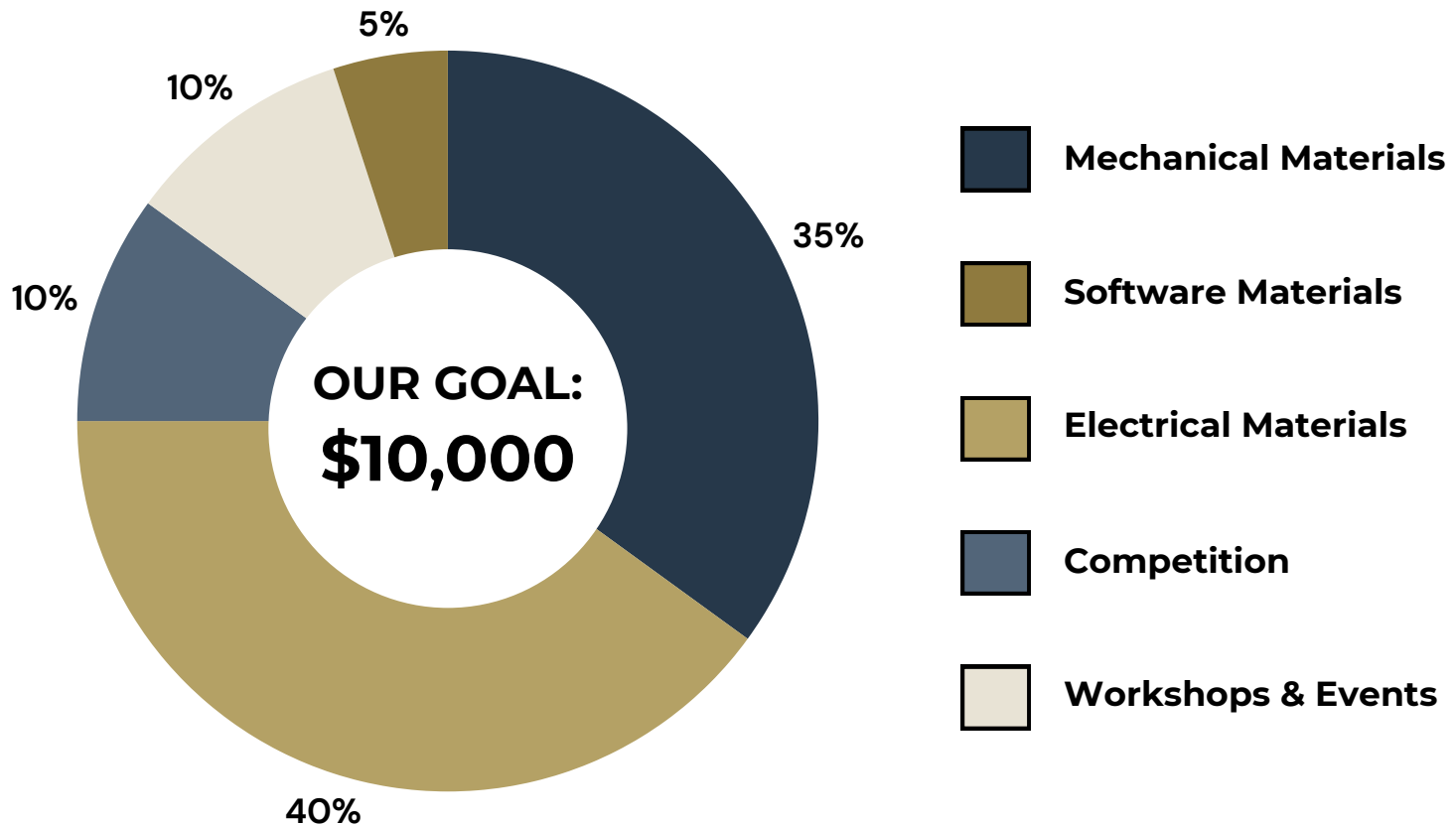
VP Operations

WHAT WE DO

At McMaster Exoskeleton, we are advancing human-machine interaction through innovative research and solutions with real-world biomedical applications. By combining mechanical, electrical, and software engineering expertise, we are developing an exoskeleton that pushes the boundaries of assistive robotics. Our work addresses challenges in mobility and rehabilitation while giving students hands-on experience at the intersection of engineering, healthcare, and emerging robotics technology.



VISUALIZING YOUR CONTRIBUTIONS



WHY SPONSOR US

BRAND VISIBILITY



Increase your company's visibility by having your brand represented on our team, at competitions, and across our digital platforms.

RECRUITMENT



Connect directly with motivated engineering students developing hands-on experience in mechanical, electrical, software, and systems engineering.

SUPPORT ENGINEERING EDUCATION



Help students gain hands-on engineering experience through tackling real-world challenges and developing multidisciplinary technical skills.

INNOVATION & RESEARCH



Support the development of emerging technologies in exoskeletons, robotics, and human-machine interaction.

SPONSORSHIP TIERS



Sponsorship tiers are intended as general guidelines. We recognize that every sponsor has unique priorities and objectives, and we are happy to discuss customized opportunities to build a partnership that benefits both parties.

BENEFITS	BRONZE \$500	SILVER \$1000	GOLD \$2000	PLATINUM \$3000+
LOGO ON WEBSITE	STANDARD DISPLAY	ENHANCED DISPLAY	PROMINENT DISPLAY	FEATURED DISPLAY
LOGO ON TEAM MATERIALS	ON WEBSITE	ON PROMOS & PRESENTATIONS	ON EXOSKELETON SUIT	ON EXOSKELETON SUIT
ACCESS TO TEAM RESUME BOOK	✓	✓	✓	✓
SOCIAL MEDIA PROMOTION	-	GENERAL MENTION	DEDICATED MENTION	FEATURED POST
MEET THE TEAM & SUIT DISPLAY EVENT	-	-	✓	✓
FEATURED ON TEAM MERCH	-	-	-	✓

COMPETITION:

ACE 2027



The Applied Collegiate Exoskeleton (ACE) Competition brings university teams together to showcase and test their lower-body exoskeletons in challenging, first-responder-inspired scenarios.

- Compete against university teams from across North America
- Complete demanding physical challenges designed to test real-world performance
- Put our exoskeleton's strength, mobility, and reliability to the test



ACE 2027: University of Michigan | Ann Arbor, MI | May 2027

CONTACT US

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 exo@mcmaster.ca

 <https://www.linkedin.com/company/mcmaster-exoskeleton/>

