



University of Ottawa Bionics Team



Who are we?

We are a growing University of Ottawa engineering student design team building an affordable, accessible and open-source rehabilitative lower-body exoskeleton (or assistive walking device) for stroke patients.

About the team

A multidisciplinary engineering team of 30 students developing mechatronic and bionic devices to enhance quality of life and rehabilitation.

- Develop a full-body exoskeleton with functionality varying from stride assistance to major muscular augmentation
- Publish work on peer-reviewed platforms
- Crowd-source solutions to mobility issues in an aging population through a research-based approach
- Permit undergraduate engineering students to apply in-class knowledge to solving important real-world problem

Goals

April 2019 | *Innovative Design for Accessibility Competition*

April 2019 | *Rehabilitation Engineering Society of North America Student Design Competition*

June 2019 | *Create the Future*

Year 2021 | Organize and host the first ever (non-invasive) human exoskeleton competition

Intentions for Funding

All funding is for purchasing materials for research and development of the suit. This includes manufacturing and shipping costs of critical components such as motors and specific electronics.

Benefits of Sponsorship

In exchange for sponsorship, the team will promote your company at events like conferences, showcases and competitions. These events will be attended by students, professors, industry professionals, media and public. Your contribution will also be playing a vital role in improving the lives of the millions of individuals with disabilities that will profit from the published research.

Values provided below are meant as a guide and are flexible on a case basis.

Sponsor level	Bronze	Silver	Gold	Platinum	Diamond
Contribution (CAD)	\$100+	\$200+	\$500+	\$1000+	\$1500+
Company logo on website	✓	✓	✓	✓	✓
Social media exposure		✓	✓	✓	✓
Invitation to suit unveiling			✓	✓	✓
Company logo on team clothing				✓	✓
Mention in peer-reviewed paper					✓

Contact

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