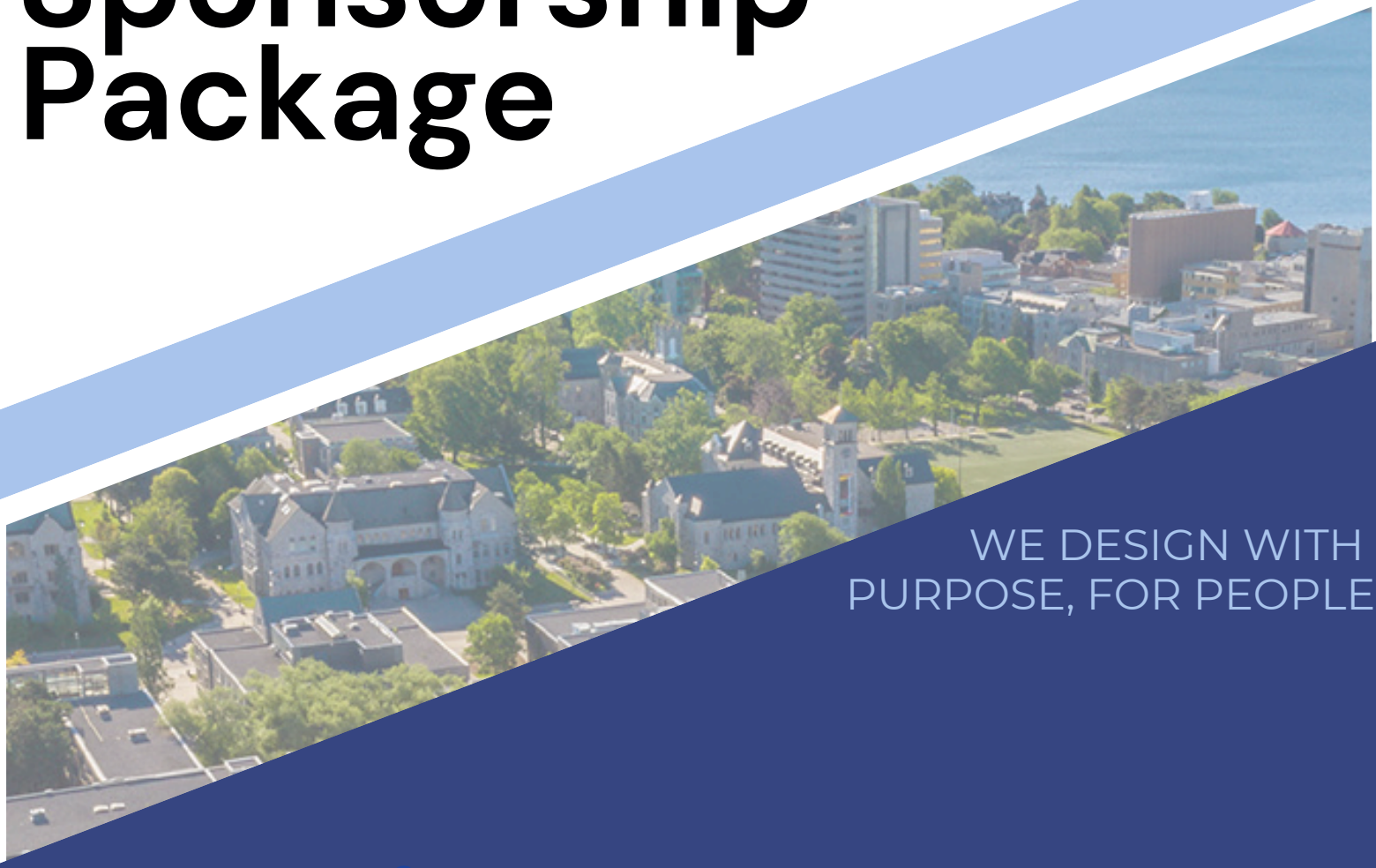
qbit@engsoc.queensu.ca

QBiT

2025-2026

Sponsorship Package



WE DESIGN WITH
PURPOSE, FOR PEOPLE

QUEEN'S BIOMEDICAL INNOVATION TEAM

2025-2026

QBiT

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Message from Co-Captains

Dear Future Sponsor,

The Queen's Biomedical Innovation Team (QBiT) truly appreciates the interest and time you've given to learning about our mission. Our team is devoted to designing and prototyping accessible biomedical devices that address real global health challenges. With your support we can take these ideas further through specialized components, lab testing and dedicated manufacturing. It's not just the products we create but the hands-on experience you give to future scientists, engineers and doctors.

Hayley Galsworthy

A partnership with QBiT is an empowerment of innovation and education. Your brand will be seen by current and future leaders in industry and academia at our global competitions like ASME's SB3C or RESNA's RehabWeek. Our strong local outreach focuses on students from high school to university via design sprints, guest speaker talks, lab tours and kingston based competitions. Community events expose young adults to engineering tools, skills and supporting products that will be carried long into their professional careers.

Darien Gaw

We are excited for you to join our network of partners who share our passion for creating and our values of growth and excellence. Thank you for considering this opportunity to invest in healthcare innovation and the next generation of biomedical problem solvers.

QBiT

Message from Faculty Advisor

"What sets QBiT apart is its unwavering focus on equity and impact. From developing a body-powered, 3D-printed prosthetic arm for displaced individuals in Thailand, to designing an affordable oscillating vest for respiratory therapy in low-resource communities, to creating adaptive knee rehabilitation technology for improved physiotherapy adherence, QBiT's projects are driven by a deep sense of purpose and humanity. These students are not just designing for competition—they are designing for people.

As faculty advisor, I have had the privilege of watching QBiT students grow into thoughtful engineers, entrepreneurs, and advocates. Their work is technically rigorous, medically relevant, and socially meaningful. The team actively collaborates with clinicians, global NGOs, and academic experts to ensure their technologies are safe, scalable, and grounded in user needs. Along the way, students gain hands-on experience in biomedical design, regulatory awareness, cross-cultural communication, and ethical innovation.

Your support helps make all of this possible. Sponsorship allows QBiT to prototype new ideas, attend national and international conferences, engage with users, and expand the reach of their technologies to communities who need them most. It also gives you a chance to partner with one of Canada's leading student organizations in biomedical innovation—one that is preparing the next generation of engineers not only to build new technologies, but to build a more inclusive, accessible, and healthier world.

Thank you for considering support of QBiT. I am proud to stand behind this exceptional team and excited to see where their creativity and compassion will take them next."

Xian Wang, PhD
Assistant Professor, Department of Mechanical & Materials Engineering
Core Member, Ingenuity Labs Research Institute
Associated Member, Sinclair Cancer Research Insitute

QBiT

Meet the Exec Team

Amanda Donso,
Chief Operating Officer

Ruby Sinclair,
Chief Technology Officer

McKinley Broomhead,
Chief Financial Officer

Rishi Vattam,
Chief Communications Officer

Daniel Israel,
Co-Director of Sponsorship

Brooklyn Violi,
Co-Director of Sponsorship

2025-2026

About Us

QBiT

Goals

Queen's Biomedical Innovation Team introduces undergraduate students to biomedical engineering, explore practical applications of the engineering curriculum and promote interdisciplinary collaboration **to solve common problems within the field of medicine.**

Projects

QBiT strives to develop projects spanning multiple areas of biomedical technology. Our projects aim to **utilize cutting-edge mechanical, electrical, and biochemical systems** to design and manufacture physical solutions.

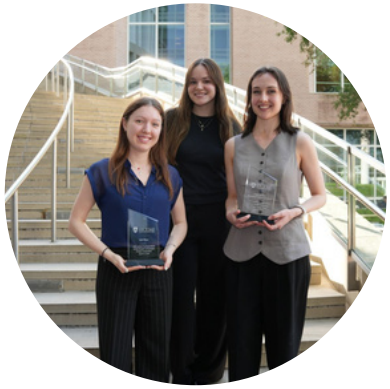
The Team

The team is comprised of **100+ undergraduate students** spanning all years and faculties of study at Queen's University in Kingston, Ontario, Canada. The team is supported by a handful of professors and graduate student advisors.

QBiT

Accomplishments

Events, Conferences and Competitions



RICE 360 DESIGN COMPETITION - April 2025

QBiT represented Queen's University and earned **2nd place overall** and the **Public Invention – Incremental Improvement Award for our A.R.M. prosthetic project**—highlighting our team's commitment to human-centered, globally accessible engineering.

PEO KINGSTON STUDENT PAPER'S NIGHT - March 2025

QBiT's **A.R.M. prosthetic project** placed **third overall** in the recent competition between Queen's University and RMC.

QUEEN'S UNIVERSITY DESIGN TEAM SHOWCASE - March 2023

QBiT placed 1st overall at a showcase Queen's hosted to highlight design teams and allow them to present their designs and projects!

We consistently strive to create global impact with Biomedical Innovation.

2025-2026

QBiT

Sponsorship Tiers

Work with us!

BENEFITS	Tier I $500+	Tier II $1000+	Tier III $3000+
Recruitment Events through QBiT (**100+** members)	X	X	X
Recruitment Events through EngSoc (**3,000+** members)		X	X
Logo Size on all QBiT merchandise	S	M	L
Social Media and Website **Exposure**	X	X	X
Company-specific marketing		X	X
Priority access to team reports, data and research			X
Dedicated space at all QBiT events			X
Sponsor Logo included on projects and presentations			X

QBiT

How to Contribute

Funding through cash or store credits

These are two preferred methods to help the team fund projects directly. Our team will use a budget sheet that is transparent to our sponsors.

Supply equipment and/or resources

Services such as CNC Machining and 3D printing allow our designs to be more refined.

Tools or Software

Computer-Aided Design software and simulation tools are important to our design process. Mechanical tools are also always essential to us!

Active Partnerships

With an experienced executive team, we are able to work with our partners to run events or training sessions for students at Queen's. Please reach out to us!

Thank you for your consideration!

Thank you for choosing Queen's Biomedical Innovation Team. We look forward to working with you!

Contact Us

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