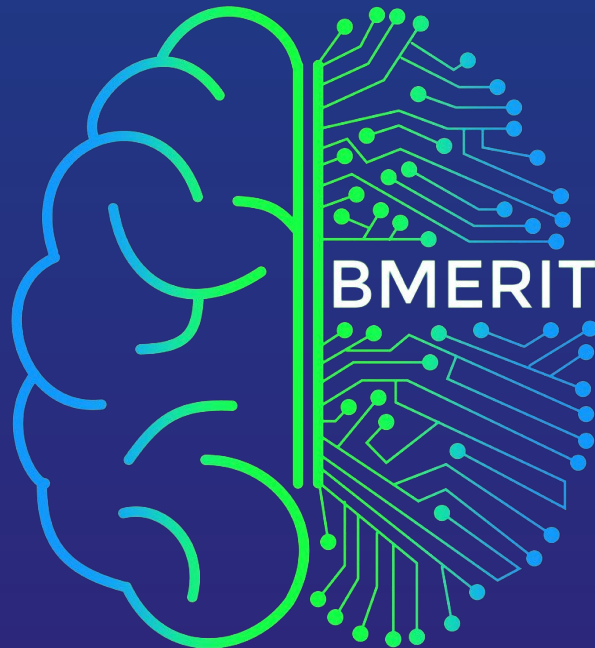


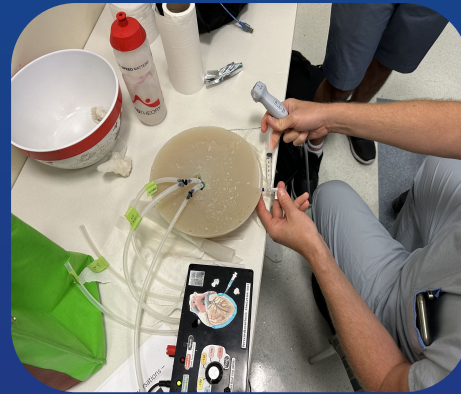


BMERIT SPONSORSHIP PACKAGE

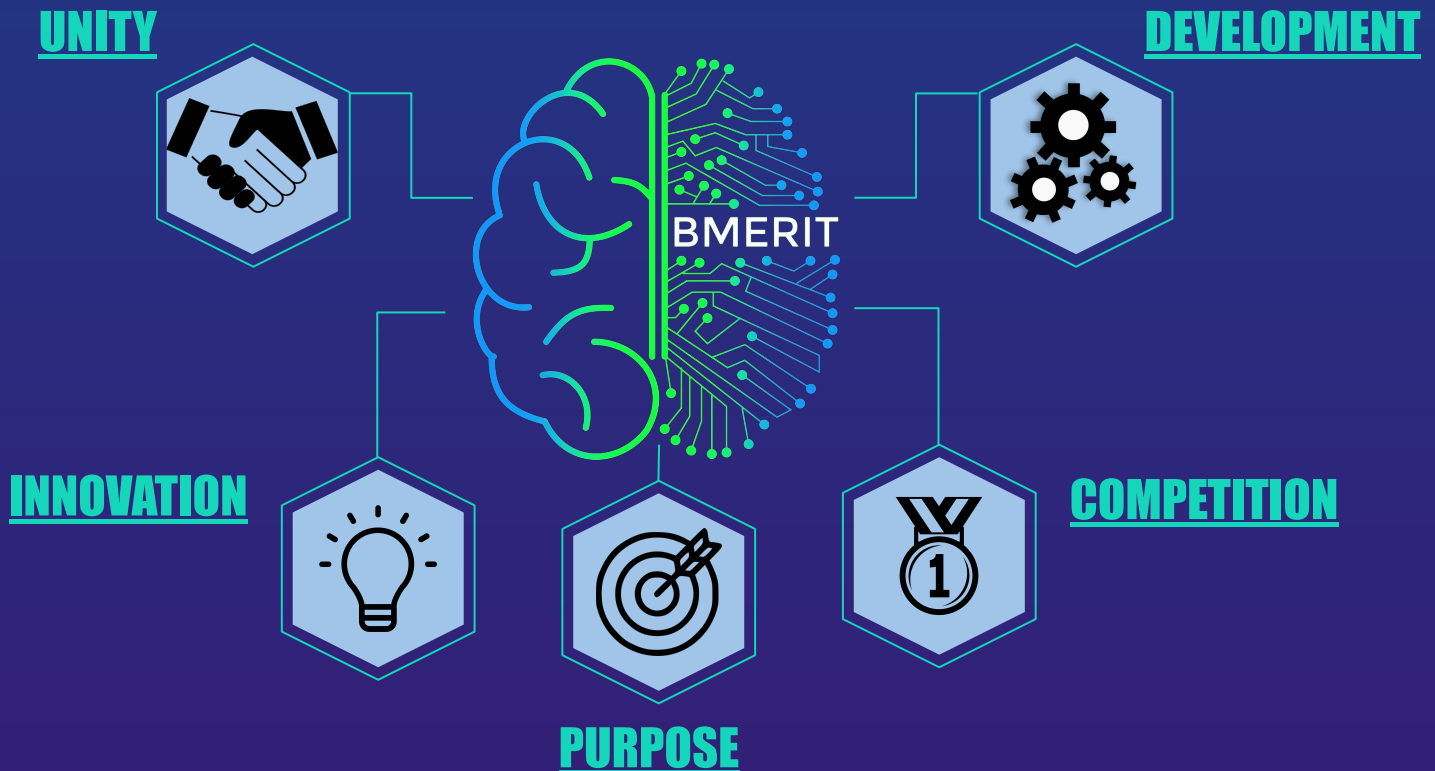


Our Mission

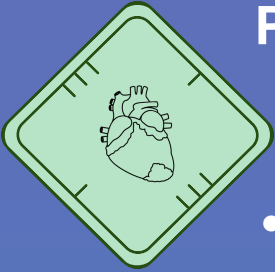
BMERIT is focused on driving innovation in biomedical engineering. With a gap between the clinical and engineering sides and a lack of a platform for vulnerable communities, BMERIT aims to close critical gaps. Through design, BMERIT addresses these issues and presents their work at competitions and conferences to drive awareness.



Our Goals

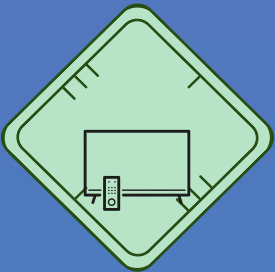


Previous Projects



Pericardiocentesis Simulator

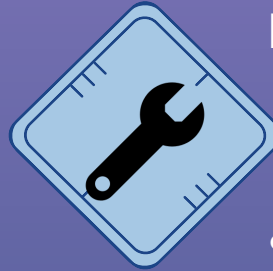
- Pericardiocentesis is a life-saving surgery but current simulators are expensive
- Aim to develop a low-cost high-fidelity model



Television Remote for Individuals with Dementia

- TVs help stimulate individuals with dementia
- Aim to develop a programmable TV remote to overcome usability issues

Current Projects



Biomolecular Design Competition (BIOMOD)

- Aim to develop novel disease-detecting biosensors



Hand Pedal Sport System for Spinal Cord Patients

- Aim to design a wall-mounted small hand pedal system for rehabilitation



Biofeedback stepping and walking aid

- Aim to design a walking aid to measure force applied by patient and promote walking

In Collaboration With:



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE



UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE

2023-24 Budget

Expenses



Tentative Schedule

PHASES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Research and Brainstorming Phase				Looking into current projects, delegating project responsibilities, creating timelines, and complete research and brainstorming of solutions to projects at hand.				
Modeling and Development Phase						Modelling solutions on 3D CAD softwares (Solidworks), develop printed circuit boards (PCBs) and designing test simulations for models		
Manufacturing and Testing Phase	3D models are transformed into real products. Parts are machined and assembled. Working with professionals to test their effectiveness.							
Refinement and Competition Phase	Feedback from industry professionals is used in refining innovations. Competition preparation is completed. This includes ensuring that the innovation is fully functional and passes all tests, team representatives are confident in what to present, and that there are appropriate means to presenting the work. Finally, the team travels to the competition site to show off their work.							

Competitions

BIOMOD

BIOMOD is a global competition jointly organized by the BIOMOD Foundation (US) and the Molecular Robotics Research Group (Japan). It encourages students to use their understanding of biological molecules for creating robots and nanoscale therapeutics. BMERIT views this competition as an opportunity to boost international recognition and expand the presence of biomedical engineering at the university.



Source: BIOMOD (@biomod)

BI DESIGN SYNERGY

Biodesign Synergy is an annual national virtual event hosted by BMERIT and McGill Biodesign. Multiple biodesign teams from various universities across Canada are invited to participate in the event where their projects are showcased to judges from experts. At this event, teams are given the opportunity to gain recognition, earn prizes, build a community, and network with others.



Why Sponsor BMERIT?



Goodwill

Help our team give back to the community by supporting our innovators and projects! We are dedicated to making a positive impact by collaborating with stakeholders to address real-world challenges.



Brand Visibility

Boost your company's outreach by displaying your logo (and more) at various competitions and events! Promote your brand with booths, and speeches, and other exposure opportunities.



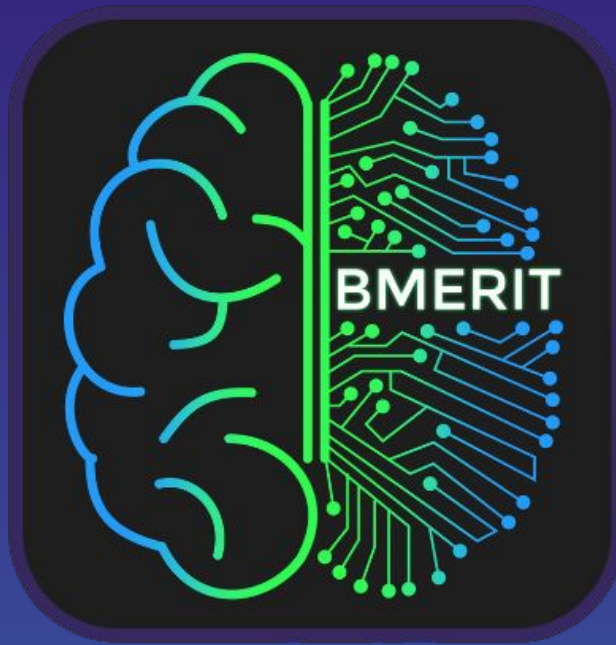
Networking

Expand your network with access to various events. Establish meaningful connections with students, faculty, and industry professionals to foster future opportunities..



Sponsorship Tiers

	Bronze \$250	Silver \$750	Gold \$1500
Merchandise Distribution	✓	✓	✓
Event Networking Opportunities	✓	✓	✓
Logo on Team Banner and Competitions	Small	Medium	Large
Logo on Website	✓	✓	✓
Access to Team Member Resumes		✓	✓
Company Logo on Trifolds Presented at Promotional Events		✓	✓
Keynote Speech at Sponsorship/ Celebration Events & Competitions			✓
Booth at Sponsorship/ Celebration Events & Competitions			✓



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