

Faculty of Engineering

Hands-on Learning in the Faculty of Engineering



The Faculty of Engineering offers more than just a world-class education. Our students develop their leadership, personal, and professional skills outside of the classroom through meaningful hands-on learning experiences in Quebec, Canada, and beyond.

Hands-on learning opportunities through programs such as Summer Undergraduate Research in Engineering (SURE), Global Challenges Award, and the Student Initiatives Fund allow students to develop the essential skills they need for their personal growth and future careers.

Student Exchange and Study Away

Exchange terms abroad provide the opportunity to study at other top-ranked universities while being immersed in a new city and culture! McGill hosts exchanges with over 155 universities worldwide with popular destinations in Australia, Switzerland, Singapore, and Hong Kong.

Research at Home and Abroad

Each summer, between 130-160 students are awarded a paid research traineeship through the **SURE Program**, where they work with a professor on a research project for 16 weeks, receive hands-on training, network with industry professionals, and present their project to the McGill community at the end of the summer. The **SURE International Program** offers travel stipends for research positions abroad. Our students have travelled the world and conducted research at top-ranked international institutions in Lausanne, Berlin, Shanghai, and Munich!

Student Design Teams, Clubs, and Student Societies

The Faculty of Engineering boasts some of the most engaged and dynamic student groups at McGill, with over 30 student committees, 16 clubs, 10 design teams, and two student-run publications. Whether

you're interested in student politics, activism, engineering design, business, or even brewing, we have you covered!

Global Challenges Awards

Up to 15 Global Challenges Awards are granted to student-led projects which leverage engineering and design skills to serve a community or promote social change through hands-on learning during summer. Projects are designed in collaboration with a non-profit or community organization, and recipients receive financial support, including travel and accommodation and a living stipend.



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“The Fellowship was an incredible eye-opening experience to the impacts that everyone, including engineers, can have on the world.”



Liam Sterne, Bioengineering - Global Challenges Award Summer 2022

Liam was granted a Global Challenges Award to support his participation in Engineers Without Borders' Canada-Africa Innovation Fellowship Program.

“Overall, the Fellowship was an incredible eye-opening experience to the impacts that everyone, including engineers, can have on the world. Socially, ecologically, and economically, we all need to work together to reform the world and create global change. I am super excited to work with the McGill chapter of Engineers Without Borders this year as the VP Events and Director of Finance to hopefully bring many more bright minds together for a sustainable future!”

Contact Us

McGill Engineering Student Centre (MESC)

Frank Dawson Adams Building, Room 22
3450 University Street

empower.engineering@mcgill.ca

www.mcgill.ca/empower

www.mcgill.ca/engineering/students/undergraduate/mesc

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Apolline Pietri, Civil Engineering - Global Challenges Award Summer 2022

Apolline was awarded a Global Challenges Award to support her travel to Eswatini with Engineers in Action to help construct a suspended Sibonelo footbridge for the Godloza community

“Although challenging, this project was an incredible learning experience as it has given me so much exposure to engineering design and project management. It has also given me the rare chance to work on a project from start to finish and to take on large amounts of responsibility . This experience has given me the confidence to embark on new challenges, throw myself outside of my comfort zone, and think through problems in a much more critical manner.”



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