

*'Driving an equitable and sustainable future for all.'*

# ENGINEERING IMPACT 2022-2023

## Lead with People

**Retain and recruit talented staff and faculty to drive strategic impact**

**Attract the best students from all over the world**

## Expand Alumni Engagement and Advancement

**Increase alumni participation in key events**

- Develop event plans that identify champions and marketing for key engineering events
- Continue to track alumni satisfaction
- Grow development team

**Develop fundraising plan for new building**

**Identify campaign funding priorities**

- Consult with internal stakeholders

## Enrich Undergraduate Experience

**Enhance student choice**

- Consult student body, engage faculty
- Develop structure and roll-out plan

**Expand experiential learning**

- Identify Course EL opportunities
- Foster access to design and build facilities
- Expand career support mechanisms; launch Career Planning curriculum
- Develop landing page for broad-based 1st year student support

**Launch AISE Program**

- Establish student advocacy group
- Launch 2nd year program
- Develop 3rd year program and hiring plan
- Establish industry advisory committee

## Enrich Graduate Experience

**Enhance Programming**

- Develop multidisciplinary Graduate programs with a focus on high-impact specializations
- Climate Risk Diploma Program - Fall 2023
- Diploma programs in AI and Technology Advocacy – early consultations

**Expand experiential learning**

- New MEng co-op program – Fall 2022
- Increase number of industry-sponsored MEng projects
- Expand career support mechanisms; launch Career Planning curriculum
- Develop TA Training Program and credentialing

**Enrich Doctoral Professional Development**

- Design map of offerings
- Develop modules and workshops
- Align with SGPS (Own Your Future)

## Drive Globally Impactful Research

**Establish Research Committee**

- Identify and support/enhance research initiatives
- Improve tracking of research projects

**Expand WE share of Tri-Council funding**

- Offer/promote grant success writing workshops
- Organize 2 industry engagement events to enhance industry partnerships

**Increase WE number of research awards**

- Develop a strategy to secure major research awards
- Recognize and celebrate successes

## Grow Community Outreach

- K-12 outreach and link to recruitment
- Increase programs for BIPOC Youth
- Link outreach to other faculty initiatives
- Develop marketing strategy for enriched programming (AISE and others)

**Embed inclusion and diversity**

- Optimize diversity dimensions in recruiting students, staff and faculty
- Begin to identify and develop Indigenous learning materials to enhance the curriculum
- Incorporate EDI-centred principles, diverse perspectives to ensure a safe and inclusive environment

**Embed Sustainability Principles**

- Continue to employ UN SDGs to drive experiential learning and new programming
- Expand on existing ESG research areas
- Ensure new engineering building is Net Zero Energy

**IDENTIFY and MONITOR KEY PERFORMANCE INDICATORS**

INNOVATION | COLLABORATION | LEARNING | INTEGRITY | EXCELLENCE | EQUITY AND INCLUSION | SUSTAINABILITY | WELL-BEING