

MENTORSHIP POLICY STATEMENT

BACKGROUND:

The 30 by 30 goal is Engineers Canada's commitment to raising the percentage of newly licensed engineers that are women to 30% by the year 2030. This national goal is endorsed by both Engineers Geoscientists Manitoba and the University of Manitoba. Currently, the percentage of female students enrolled at the University of Manitoba sits at approximately 24%, while the percentage of female professional engineers in Manitoba is approximately 10%. The number of women enrolled in geoscience streams at the University of Manitoba is 23% and the total number of female geoscientists in Manitoba is approximately 20%. Engineers Geoscientists Manitoba is committed to achieving the 30 by 30 goal and to understanding and reducing gender barriers in the professions. While there is still work to do to increase the recruitment of women and non-binary folks into engineering education programs, there is a strong need to support them throughout their engineering education and as they progress through their careers.

Mentorship has long been known as an effective way to support skill development and learning. Successful mentoring relationships can also extend well beyond knowledge transfer and develop into life-long relationships that are mutually beneficial to both the mentor and the mentee. As such, Engineers Geoscientists Manitoba has established a formalized mentorship program aimed at supporting the 30 by 30 goal.

GOALS:

The goal of the Women in Engineering & Geoscience Mentorship Program is to provide a community of women and non-binary folks in engineering and geoscience in Manitoba by providing engineering or geoscience students and interns (known as 'Protégées') with an opportunity to connect with professional members (known as 'Mentors') through a formalized tri-party Mentorship Program.

For the **Student**, this program is expected to provide:

- Insight into what it's like to be a working engineer/geoscientist;
- A picture of how they can see themselves in an engineering/geoscience career;
- An understanding of specific engineering/geoscience disciplines;
- An opportunity to network with professional engineers/geoscientists.

For the **Protégée**, this program is expected to provide:

- Insight into what it's like to be a working professional engineer/geoscientist;
- Experience in mentoring, coaching, and developing interpersonal relationships;
- The opportunity to be a role model;
- An opportunity to network with professional engineers/geoscientists

For the **Mentor**, this program is expected to provide:

- An opportunity to share their passion for their chosen field of engineering/geoscience and their career;
- Experience in mentoring, coaching, and developing interpersonal relationships;
- The opportunity to be a role model;
- A medium for influencing the future of the profession.

REQUIREMENTS:

Students must be:

- Women or non-binary folks;
- Registered for the current academic year in the Faculty of Engineering at the University of Manitoba or with the Faculty of the Environment, Earth, and Resources, and as student members of Engineers Geoscientists Manitoba (ideally);
- Entering at least their second year of studies;
- Willing to embrace their role as a Student in the program by making a diligent effort to connect with their protégée and mentor.

Protégées must be:

- Women or non-binary folks;
- Registered as Interns with Engineers Geoscientists Manitoba
- Willing to embrace the role of a protégée by making a diligent effort to connect with both their student and their mentor.

Mentors must be:

- Women or non-binary folks;
- Professional Engineers/Geoscientists registered with Engineers Geoscientists Manitoba;
- Willing to embrace the role of a mentor by making a diligent effort to make themselves available to their student and protégée.

Students, Protégées, and Mentors must understand that this is a student/protégée-driven relationship.

For the 2019/2020 academic year, acceptance into the program will be based on a number of factors, including:

- Field of engineering/geoscience (discipline) and area of interest;
- Suitable mentor availability;
- Experience.

ROLES:

The Mentor, the Protégée, and the Student will:

- Discuss expectations for the mentoring relationship;
- From a student/protégée-driven perspective, work together to communicate and arrange meetings as needed;
- Attend Mentorship Program Events.

The Mentor

As an individual, the Mentor will strive to:

- Be supportive and encouraging;
- Be honest and realistic;
- Be flexible in the mentoring relationship;
- Help build confidence in the Student;
- Be respectful of the Student's social and cultural environment.

As a career coach, the Mentor will strive to:

- Advise the Student and Protégée on career paths and technical development opportunities;
- Provide guidance in networking and developing business relationships;
- Help the Student and Protégée formulate and articulate their career goals;
- Share their experience, knowledge, and wisdom with the Student and Protégée;
- Provide the Student and Protégée with honest and constructive information and feedback.

The Protégée

As an individual, the Protégée will strive to:

- Be flexible in the mentoring relationship and understand its bounds;
- Listen to what their Mentor has to say;
- Be honest and realistic
- Help build confidence in the Student;

As a prospective engineering/geoscience professional, the Protégée will strive to:

- Formulate and articulate their career goals;
- Ask questions of their Mentor and take advantage of advice and wisdom provided;
- Be proactive in pursuing opportunities;
- Share their experience and knowledge with the Student;
- Provide the Student and Mentor with honest and constructive information and feedback.

The Student

As an individual, the Student will strive to:

- Be flexible in the mentoring relationship and understand its bounds;
- Listen to what their Protégée and Mentor have to say;
- Be respectful of the Protégée and Mentor's social and cultural environment.

As a prospective engineering professional, the Student will strive to:

- Formulate and articulate their career goals;
- Ask questions of their Mentor and take advantage of advice and wisdom provided;
- Be proactive in pursuing opportunities;
- Provide the Protégée and Mentor with honest and constructive information and feedback.

All parties agree to provide confidential open and honest feedback about the Mentorship Program to each other and the Women in Engineering & Geoscience Mentorship Program Coordinators.

By applying to enter the Mentorship Program, you are agreeing to share your email address with all program participants in order to receive program information and build a community.

EXECUTION:

The following (tentative) schedule outlines the schedule of events for the 2019/2020 Women in Engineering & Geoscience Mentorship Program:

Date	Task	Method
Late August to September 27	Program Recruitment	Association e-news, Friends of Engineering, Direct email, Announcements by UMES
Thursday, September 26 (Lunch)	Mentor/Protégée Orientation Session	Engineers Geoscientists Manitoba office
Wednesday, September 25 OR Thursday, September 26 5:30-6:30pm, EITC	Mandatory Student Orientation Sessions	email, posters, and UMES class announcements
Fri. October 4	Tri-Partnerships set and email with teams sent out	e-mail
Wed. October 9 (5:30-8:30pm)	Mentorship Event #1	University of Manitoba
Thurs. November 7 (5:30-8:30pm)	Mentorship Event #2	University of Manitoba
Tues. January 14 (5:30-8:30pm)	Mentorship Event #3	University of Manitoba
Thurs. March 12 (5:30-8:30pm)	Mentorship Event #4	TBD
March 13 – April 15	Program Assessment	Survey
May 2020	Program Report/Video	e-mail