

Canadian Engineering Memorial Foundation (CEMF) – Our Mission

An initiative formed under Claudette MacKay-Lassonde's vision, the Canadian Engineering Memorial Foundation is committed to creating a world where engineering meets the needs and challenges of society by engaging the skills and talents of both women and men alike. To that end, we are dedicated to attracting women to the engineering profession so they may fully contribute to the development of our society and in so doing, honor the memory of the 14 women from L' École Polytechnique whose contributions to Canada ended on December 6, 1989.

[Visit Our History](#)

CEMF Scholarships

Despite the constant and ever-growing need for professional engineers in Canada, over half the population of potential future engineers are not being engaged . . . women.

By providing scholarship and networking opportunities, CEMF gives Canadian self-identifying women the support they need to successfully pursue a career in engineering.

CEMF uses young adults to reach out to youth – our scholarship winners are proven leaders and role models with diverse cultural and social backgrounds, a passion for engineering and well proven leadership qualities.

CEMF grants annual ambassador awards to undergraduate, doctoral and high school self-identifying female students.

[Learn More About Our Awards Here](#)



Feature Scholarship - CEMF Marie Carter Memorial Award

Marie Carter was a trailblazer; she was the first female engineer to become a partner at McCormick-Rankin in Ottawa. Marie passed away in June 2014 and a scholarship was formed in her honour. See more about the Marie Carter Memorial scholarship here

[Learn More](#)



Past Winner Showcase

Alexandra Dozzi, a Mechanical Engineering student at the University of British Columbia, was named the inaugural 2015 Marie Carter Memorial Undergraduate Engineering Scholarship winner.

Alexandra, at the time, was a third-year mechanical engineering student who showed a passion to promote the field of study to youth, particularly young women. Being involved with UBC Women in Engineering, Westcoast Women and Engineering, Science and Technology and the Division for the Advancement of Women in Engineering motivated her passion for the field and led her to Co-Chair the National Conference on Women in Engineering in 2013.

“The overall impact that engineering can have on society is enhancing the quality of life for people by transforming ideas into functional products.” Says Ms. Dozzi, which was the underlying notion that attracted her to engineering initially.

What is Alexandra up to now?

I still feel incredibly privileged to have been awarded the inaugural Marie Carter Memorial Award and am so grateful to the CEMF for supporting female engineering students like myself in achieving our dreams.

I am currently in my fourth year of medical school at the Northern Ontario School of Medicine (NOSM), in my hometown of Sudbury, ON. I am in the process of applying for residency for the July 2021 start. While in medical school, I have continued to be involved with mentoring initiatives, as well as

initiatives related to advocacy for rural medicine. Most recently, I co-authored the Choosing Wisely Canada List of Recommendations for Rural Medicine to promote resource stewardship of our finite healthcare resources. At present, I am working with a group of medical students across Canada and one of my colleagues at NOSM on a gently used cellphone drive, Project Connect, to support survivors of intimate partner violence in our community. Although I have pursued an additional professional degree on top of my engineering degree, I am looking for programs that can provide the foundational training I am seeking to one day enable me to use both my engineering and medical degrees.

Below are two links to the list of recommendations I co-authored.
<https://choosingwiselycanada.org/rural-medicine/>
<https://srpc.ca/resources/Documents/CJRM/vol26n1/pg28.pdf>

I also co-authored an opinion editorial for the Toronto Star in September 2020 on rural medicine resources and its relation to COVID-19.
<https://www.thestar.com/opinion/contributors/2020/09/28/virtual-healthcare-can-ease-pain-of-being-hospitalized-far-from-home.html>

Meet the CEMF Board

The CEMF Board, led by Julie Lassonde, B.Sc., is a group of volunteers from the industry, who are committed to the promotion of women in engineering. Under Julie's direction and through generous donations, Claudette MacKay-Lassonde's vision of providing an opportunity for women to prepare for, receive training and an education in engineering, is thriving. CEMF's scholarships are some of the most sought out by engineering students.

[See CEMF Board Members Here](#)

How Can You Help?

CEMF is a charitable organization funded entirely through donations and partnerships with corporations, universities, faculties of engineering, learned societies, provincial associations and individuals. You can support CEMF and its goal to increase the number of women engineers in Canada so that their contributions can help improve our society in several ways and your donation is tax deductible since we are a Registered Canadian Charity (#890349061RR).

[Visit our Donation Page to Support the Foundation](#)



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