



Ontario Professional Engineers Foundation for Education

Since 1959



2016-2017 ANNUAL REPORT



Our purpose is to nurture tomorrow's engineers by providing excellent students with recognition, financial assistance and connections into the path to license.

The Engineers Foundation is the official charity of the Ontario engineering profession. Our mission is to nurture engineering students into licensed engineers. We do this by inspiring academic and leadership excellence, providing financial assistance and connecting to mentors and employers.

Our vision is to expand the assistance engineering students receive and the engineering network that gives back to the next generation.

Our purpose is to care for professional engineers in need.

The Engineers Benevolent Fund is an endowment whose mission is to care for licensed engineers in need by providing emergency financial aid.

Our vision is to always be there for professional engineers in need.

BOARD OF DIRECTORS

At the Annual General Meeting (AGM) held May 2, 2016 the members of the Ontario Professional Engineers Foundation for Education (Engineers Foundation) elected the following directors affiliated with Professional Engineers Ontario (PEO):

Marta Ecsedi, P.Eng.
Rhonda Hall
Maria Iannone
Roger Jones, P.Eng.
Zico Sarmiento
Marisa Sterling, P.Eng.

and the following directors affiliated with the Ontario Society of Professional Engineers (OSPE):

Jane Huang, P.Eng.
Steven Rose, P.Eng.
Alourdes Sully, P.Eng.
Sue Tessier, P.Eng.

Note: The Directors are retired at each annual meeting of the members of the Engineers Foundation, but are eligible to be re-elected if otherwise qualified. The Officers are elected or appointed by the Board at its first meeting after the annual general meeting. The Secretary and Treasurer of the Engineers Foundation need not be members of the Board of Directors

OFFICERS OF THE BOARD

At the meeting of the Board of Directors on June 22, 2016, the following officers of the Engineers Foundation were appointed:

President and Chair
Vice President

Marisa Sterling, P.Eng.
Sue Tessier, P.Eng.

At the meeting of the Board of Directors on Dec. 7, 2016, the following officers of the Engineers Foundation were appointed:

Secretary
Treasurer

Maria Iannone
Marta Ecsedi, P.Eng.



. Directors, members, award winners and guests at the 2016 AGM

ENGINEERS FOUNDATION MEMBERSHIP

The Engineers Foundation has a total of 50 members plus 2 PEO Chapter members.

- Kim Allen, P.Eng.
- Paul Ballantyne, P.Eng.
- Annette Bergeron, P.Eng.
- David Brown, P.Eng.
- Noreen Calderbank, P.Eng.
- Colin Cantlie, P.Eng.
- Tracey Caruana, P.Eng.
- Karen Chan, P.Eng.
- Jeannette Chau, P.Eng.
- Corneliu Chisu, P.Eng.
- Bruce Clarida, P.Eng.
- George Comrie, P.Eng.
- Peter Cowherd
- Valerie Davidson, P.Eng.
- Shelly Deitner, P.Eng.
- Bob Dony, P.Eng.
- Marta Ecsedi, P.Eng.
- Bernard Ennis, P.Eng.
- Roydon Fraser, P.Eng.
- Diane Freeman, P.Eng.
- Jamie Gerson, P.Eng.
- Ravi Gupta, P.Eng.
- Santosh Gupta, P.Eng.
- Rhonda Hall
- Lola Hidalgo, P.Eng.
- Jane Huang, P.Eng.
- Maria Iannone
- Stephen Jack, P.Eng.
- Matthew Jelavic, P.Eng.
- Roger Jones, P.Eng.
- Catherine Karakatsanis, P.Eng.
- Chetan Mehta, MBA
- Nadine Miller, P.Eng.

- Nick Monsour, P.Eng.
 - Clare Morris, P.Eng.
 - Valeria Mueller
 - Gonzalo Pineros, EIT
 - Steven Rose, P.Eng.
 - Changiz Sadr, P.Eng.
 - Zico Sarmiento
 - Rakesh Shreewastav, P.Eng.
 - Baijul Shukla
 - Marilyn Spink, P.Eng.
 - Marisa Sterling, P.Eng.
 - Alourdes Sully, P.Eng.
 - Sue Tessier, P.Eng.
 - John Turner, P.Eng.
 - Richard Weldon, P.Eng.
 - Michael Wesa, P.Eng.
 - Robert Willson, P.Eng.
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- Juwairia Obaid, P.Eng., PEO Mississauga Chapter
 - Arthur Sinclair, P.Eng., PEO East Toronto Chapter

We wish to thank retiring members John Moudakis and Brian Ross, P.Eng. for their volunteerism and interest in the goals of the Foundation.

ACTIVITIES & ACHIEVEMENTS

Your Board of Directors met a total of five times since the last AGM on:

- June 22, 2016
- September 28, 2016
- December 7, 2016
- March 14, 2017
- June 20, 2017

The Engineers Foundation's achievements over the past year include:

1. Student Awards

The Engineers Foundation distributed a total of \$155,000 in award monies between September 2016 and May 2017 across all of Ontario's fifteen CEAB-accredited engineering schools. A total of 118 students were recipients of the Foundation's awards, of which over 30% were women engineering students.



Award winners with Sue Tessier at Laurentian University



Western Engineering winners with Marisa Sterling

Since the Foundation was created in 1959, over \$2.9 million dollars of student funding has been invested in 3248 engineering students across Ontario.



Entrance Scholarship (\$1,500 each, 2 per school, 50% female recipients)

A total of \$45,000 was given to 30 first year engineering students who attained high academic standing in their final year of high school and were assessed to be well-rounded students with leadership characteristics. In each school, one male student and one female student received this scholarship. Over the past 20 years, the Engineers Foundation has awarded over \$305,000 in scholarships to women entering engineering programs in Ontario.



Undergraduate Scholarship (\$1,500 each, 2-8 per school based on enrolment)

A total of \$108,000 was given to 72 undergraduate engineering students in either their 2nd, 3rd or 4th year of studies who exhibited exceptional role model qualities through participation in professional and non-academic activities while maintaining above average marks.

“The entrance scholarship that I received from your foundation has encouraged me to further pursue an education in engineering and also a career as a professional engineer... to become a professional engineer has been a dream and a goal... one day I will be a mechanical engineering graduate... I am sincerely thankful you’re your foundation has been so generous to motivate young engineering students such as myself.”

- Jacques Pecora, 2016 recipient, Royal Military College of Canada



Gold Medal (no cash value, 1 per school)

A total of 15 graduating engineering students were awarded the Foundation's Gold Medal for achieving the highest academic standing in their final year. The medals were inscribed with the student's name and were mostly presented at convocation ceremonies to an audience of the students' peers.



engineers without borders
ingénieurs sans frontières
Canada

Leader for the Future Award (\$2,000, 1 per year)

The 2016-17 Leader for the Future award was given to Christine Bui, a Chemical Engineering student at the University of Toronto. The award was presented at the Engineers Without Borders annual conference in Edmonton, Alberta on January 14, 2017. The award is given to an Ontario engineering student completing a volunteer placement with EWB.

“I am extremely grateful for this award and the support from the Professional Engineers Foundation for both myself and all others receiving this award. Engineering is a community and this support helps me be a part of making that community stronger.”

Marguerite Tuer-Sipos, 2016 recipient, University of Toronto

2. Engineering Community Engagement

In 2016-2017, the Engineers Foundation was advertised in PEO's *Engineering Dimensions* magazine, Canada's highest circulated engineering publication reaching a total audience of 188,545.

- The Foundation's 2016 annual meeting was profiled on page 23 of the July/August 2016 issue under the article, "Foundation increases level of support to undergraduates".
- The Foundation was advertised in 3 issues (page 58 in July/August 2016, page 27 November/December 2016, page 28 March/April 2017)

Ontario Professional Engineers
Foundation for Education

BUILDING FUTURE LEADERS

\$2.6 million
in scholarships

3044
engineering
students helped

Funding for engineering students at all Ontario accredited schools, and for professional engineers in financial need.

DONATE TODAY

- Online: engineersfoundation.ca
- Call: 1.800.339.3716, ext. 1222
- PEO fee renewal: check the donation box

Charitable Number: 90401573/RE202



Engagement with Ontario's Engineering Schools

The Engineers Foundation has worked this past year to strengthen its relationships with Ontario's 15 engineering schools. The Deans of engineering, the engineering faculty members and the central awards officers are key partners in the success of delivering our awards program since they select the awardees according to the Foundation's criteria.

Donor agreements were signed with the University of Waterloo, University of Toronto and University of Windsor. The objective of these agreements is to provide universities with assurance of the Foundation's multi-year giving and to ensure that:

- All Engineers Foundation awardees meet our criteria and all monies are distributed within the same academic year;
- Every effort is made to arrange a suitable award ceremony among the students' peers with participation by at least one representative of the Engineers Foundation;
- Awardees are invited to join PEO's and OSPE's student membership programs and establish ongoing contact with the Foundation; and
- Engineering schools are invited to provide feedback to the Foundation on ways to improve the effectiveness of our awards programs.

During the 2016-2017 academic year, the Engineers Foundation participated in a total of 18 university award ceremonies at 13 of the 15 universities that received funding. The Foundation is grateful for the volunteers from the Board, the membership, the PEO Chapters (East Toronto, Hamilton-Burlington, Lakehead, Lake Ontario, London, Mississauga and Ottawa) and from PEO Council who helped present the Foundation's awards.

University	Foundation award presenter
Carleton University	Sucha Mann, P.Eng.
University of Guelph	Bob Dony, P.Eng., Marisa Sterling, P.Eng.
Lakehead University	Michael Wesa, P.Eng., Zach White, P.Eng.
Laurentian University	Sue Tessier, P.Eng.
McMaster University	Gonzalos Pineros, EIT, Matt Minnick
Ottawa University	Sawsan Majid, P.Eng.
UOIT	Karen Chan, P.Eng., Jane Huang, P.Eng.
Royal Military College	Nick Monsour, P.Eng.
Ryerson University	Marta Ecsedi, P.Eng., Roger Jones, P.Eng., Juwairia Obaid, P.Eng., Arthur Sinclair, P.Eng., Marisa Sterling, P.Eng.
University of Toronto	Tracey Caruana, P.Eng., Marta Ecsedi, P.Eng., Juwairia Obaid, P.Eng., Marisa Sterling, P.Eng.
University of Waterloo	Juwairia Obaid, P.Eng., Roydon Fraser, P.Eng.
Western University	Imtiaz Shah, P.Eng., Marisa Sterling, P.Eng.
York University	Arthur Sinclair, P.Eng., Marisa Sterling, P.Eng.

Engagement with Ontario's Engineering Associations



In the 2016-2017 year, the Engineers Foundation received generous donations and in-kind support from Professional Engineers Ontario (PEO) and the Ontario Society of Professional Engineers (OSPE).

PEO continued to administer donations from its members to the Engineers Foundation through the annual PEO fee renewal form. PEO also provided the Foundation in-kind support through office and meeting space, IT and mailroom support, graphics and communications assistance, and hosting the Foundation's annual meeting.

The Engineers Foundation was invited for the first time to address PEO's members at their annual meeting in Thunder Bay on April 22, 2017. The following table-top display was created for the meeting to promote awareness of the Foundation.



Founded in 1959 by PEO Presidents, providing financial assistance to engineering students and professional engineers.



Each year we provide:

For students at 15 Ontario universities:

- 30 First-year Scholarships (\$1,500 each)
- 72 In-Course Scholarships (\$1,500 each)
- 15 Gold Medals
- Leader for the Future Award (\$2,000)

For engineers:

- Benevolent Fund for financial assistance



Did you know? One **\$1,500 scholarship** could **save** an **engineering student...**



130 hours working a part-time, minimum wage job?



Fill out a donation form.

Ask your employer to match.

Check the FFE box with your PEO fee renewal.

Online at: engineersfoundation.ca



Your donation will be securely processed and a receipt issued.
Charitable Registration # R120001073 RR0001

Our Partners



www.EngineersFoundation.ca

OSPE provided the Foundation in-kind support during the year including accounting assistance and the preparation of our financial records for our annual audit, graphic design support, hosting two Foundation board meetings at their head office, and the opportunity to address their membership at their annual meeting on May 4, 2017.

With OSPE'S help, we revised the design of our primary communications brochure:

Did you know?

An engineering student today spends on education close to \$100,000 by graduation?

...and they will graduate with significant debt?

Donate Today

✓

Donation box on PEO fee renewal form

Ask your employer to donate through their foundation or matching program

www.engineersfoundation.ca

1 800 339 5716 ext. 1222

Ask your employer to match your donation
Charitable Number: 104-001033 033001

Partners

Professional Engineers Ontario

Ontario Professional Engineers Foundation for Education



The Engineers Foundation

Founded in 1959 by PEO Presidents, the foundation provides financial assistance to engineering students at all accredited Ontario schools.

Funding

PEO Individual Members



PEO Chapters



Corporations/Associations



Universities

The Engineers Foundation awards over 100 scholarships every year to all 15 Ontario engineering schools:

Carleton University • University of Guelph
Lakehead University • Laurentian University
McMaster University • University of Ontario
LICIT • Queen's University • UBC
Ryerson University • University of Toronto
University of Windsor • Western University
University of Waterloo • York University

3146 student awards

over **\$2.7** million in scholarships

For over 57 years, individual engineers have funded over \$27 million in scholarships to help over 3,000 engineering students.



Awards

For academic achievement and civic leadership:

- Ontario Scholarships (value \$1,500 each)
- Undergraduate Scholarships (value \$500 each)
- CEM Medal (highest achieving female student)

For commitment to international development:

- Leaders for the Future Award (value \$2,000 each)
- In partnership with Engineers without Borders

Engineering Students

"The way they work is a model to follow. When they finish their education, they go on to work for the industry. I'm excited to get myself involved and eventually graduate to the industry as well as being a student."

- Ontario engineering student, Maria X.

"It is an honor to accept and be recognized for what the engineering profession has influenced in Ontario."

- Ontario engineering student, Sarah K.

The Foundation is extremely grateful to PEO and OSPE for their continued support.

The Foundation also welcomed two new members from PEO chapters: Juwairia Obaid, P.Eng., Vice-Chair of the Mississauga Chapter, and Arthur Sinclair, P.Eng., Chair of the East Toronto Chapter. Since 2015, PEO chapters have had the opportunity to elect annually an executive member in good standing and request that they be a member of the Foundation. We welcome our new chapter members and look forward to their contributions.

3. Donor Engagement

The Foundation continued its fundraising plan to increase both the quantity and dollar amount of donations received from engineers. Monthly mailings were sent to PEO members who had previously donated to the Foundation, one month prior to their annual PEO fee renewal. The mailing reminds the engineer to make a donation by checking off the FFE box at the same time when they send in their annual PEO fee payment. This initiative has resulted in a 3% increase in the 2016 calendar year versus the previous year in PEO member donations.



FOUNDATION FOR EDUCATION (FFE)

Our goal is to make the Engineers Foundation top-of-mind within Ontario's engineering community and the charity of choice for Ontario engineers.

FINANCIAL RESULTS

The Foundation's total revenue for 2016 was \$216,991 versus \$189,081 in 2015, an increase of \$27,910 or close to 15%. The increase was primarily a result of increased investment revenues. Donations received from individual engineers and PEO members were \$102,029 in 2016 versus \$99,322 in 2015, an increase of \$2,702 or 2.7%. Investment income saw an increase from \$80,465 in 2015 to \$110,675 in 2016, an increase of \$30,210 or 27.3%. Donations from corporations, associations and other sources totaled \$2,169 in 2016 versus \$3,110 in 2015, a decrease of \$931 or 42.9%.

The Foundation's expenses were \$38,011 in 2016 versus \$34,242 in 2015, an increase of \$3,769 or 9.9% due to increased fees to collect the increased donations through online portal, increased administrative support for bookkeeping, and increased travel costs to present the scholarships. Scholarships and awards totaled \$166,001 in 2016 versus \$164,539 in 2015.

There was a resulting surplus of \$12,979 in 2016 versus a deficit of \$9,700 in 2015 due to the increased donation and investment income. The Foundation is pleased to report it received a clean audit for 2016.

The directors and staff of the Foundation continue to manage expenses carefully to maximize the percentage of each revenue dollar that goes directly to our award recipients. Expenses in 2016 represented 36% of donations received, and scholarships and awards represented 159% of donations. The Foundation is currently issuing scholarships and awards of a total greater value than total annual donations it receives; however, this gap continues to with fundraising being a top priority for the board of directors.

The long-term goal of the Foundation is to increase both the value and the quantity of scholarships that it issues to students to continue to help defray the rising cost of an engineering tuition, expected to be over \$100,000 during an undergraduate degree.

ACKNOWLEDGMENTS

I would like to take this opportunity to thank the directors and officers for their enthusiasm and dedication to the work of the Engineers Foundation. It has been a very busy and rewarding year.

I must also thank our part-time administrative coordinator, Andrea Bussinger, our accountant, Mark Woodhouse, and our website administrators Saima Ali and Hisan Shafaque for their faithful attention to the many details of the Engineers Foundation's day-to-day operations.

Andrea is the face of the Engineers Foundation to the public, to our donors and to the engineering schools with whom we partner closely. Mark was brought on as part of a generous in-kind offer from OSPE and has provided invaluable assistance in preparing our finances and coordinating our annual audit. He has agreed to continue into 2018 to manage the Foundation's finances and prepare monthly financial reports for the Treasurer.

Saima and Hisan are both engineering science undergraduate students at the University of Toronto who work to keep our website up-to-date. I wish to congratulate Saima on her successful convocation in June this year and look forward to celebrating Hisan's graduation next year.

In June 2017, the following directors retired from the board:

- Roger Jones, P.Eng. (2011-2017)
- Steven Rose, P.Eng. (2015-2017)
- Zico Sarmiento (2015-2017)
- Alourdes Sully, P.Eng. (2015-2017)

I want to thank Roger, Steven, Zico and Alourdes for their volunteer service.

It is a privilege to be able to make a positive impact on the lives of our future engineering leaders.

Respectfully submitted on behalf of the Board of Directors,



Marisa Sterling, P.Eng., FEC
President and Chair