



Annual Chapter Newsletter 2017

Chair's Message



Over the past year, York Chapter has continued to focus on reaching out to our membership via an extensive amount of technical and soft skill seminars, technical tours, as well as, continue our activities for K-12 education, university scholarships, EIT mentorship events, university capstone project mentorship and government representative reach-out.

2017 has been a year of change for PEO. The PEAK program launched in the 1st quarter of 2017. For our members who renewed their license post March 31st, we hope that the process to record your practice evaluation questionnaire was easy to accomplish.

For the chapter, the implementation of Canadian Anti-Spam Legislation (CASL) implied consent, has required us to be more vigilant in how we communicate with you via electronic communications. Please be patient with us as we work through communications processes to you with respect to our chapter activities.

As Chapter Chair, I would like to take this opportunity to thank all of our executives and our highly dedicated volunteers for organizing the vast amount of activities that continue to make the PEO York chapter one of the most active chapters within the PEO chapter system.

In 2018, we look forward to our members' participation in our Engineering Project of the Year Award, and our 2018 Engineering Technology Symposium which we are well into planning right now.

I would like to wish you and your family a Happy Holiday season and I look forward to seeing you at our events in 2018.

Gordon Ip, P.Eng., FEC
PEO York Chapter, Chair
chair@peoyork.com

Important Dates!

Jan 12, 2018 - Application deadline for Engineering Project of the Year Award

Feb 10, 2018 - Last day to stand as a candidate for the 2018-2019 chapter executive election

Feb 24, 2018 - Annual General Meeting & Chapter Executive election

2017 - 2018 Executives



Back: Ed Fung, P.Eng., Daniel Cho, EIT, Elmer Ting, P.Eng., Daniel Liao, P.Eng., Gallant Ng, EIT, Paymon Sani, P.Eng.,
Front: Tolulope Falade, P.Eng., Fiona Leong, EIT, Annabelle Lee, P.Eng., Gordon Ip, P.Eng., Lui Tai, P.Eng., Hannah Ehtemam, EIT

Vice Chair's Message

As the vice chair for the chapter, my key role is to support the chair and the executive board to achieve PEO's vision of being the "Trusted leader in professional self-regulation". To me, this means taking an active role in the chapter, and giving back to the profession and the community.

York Chapter was one of the most active chapter in PEO with over 50 events held in 2017. Throughout the year, I have helped or taken part in The National Engineering Month's Design Challenge; Big Bike ride for the Heart and Stroke Foundation; Summer BBQ for our members; 1-to-1 Mentorship for EITs; Capstone for York University's engineering graduating class and Engineering Mathletics for the next generation of potential engineers, just to name a few. You too, can realize the full potential of your membership within PEO. Please come to our monthly executive meetings, where you will have a chance to meet all the board members, and find out what each committee is about. We are always looking for new faces and new ideas on the team, so you will be welcomed with open arms.

Whether you are looking for a job, want to get help with your license, promote your company or simply want to meet people, come and network with your fellow engineers and EITs. Please check our web site www.peoyork.com regularly for new and exciting events that we have prepared for you.

Lui Tai, P.Eng.
PEO York Chapter, Vice Chair
vicechair@peoyork.com

Program News

This year the Program Committee organized 21 events. These events included many technical presentations, one nuclear/health research based presentation and a one day seminar on Presentation Skills that was well received by those who attended.

I found that each presentation was interesting and allowed me to leave the venue afterwards with a few good ideas and interesting information. One of several favorites of mine was performed by Project Director Keith Sibley, PE and TTC Director Joanna Kervin, P.Eng. who are both working hard on the Toronto-York Spadina Subway Extension.



After six years as the Program Director, and around 220 events with attendance of over 5300, its time to call this gig quits. It's been a wonderful experience allowing me to meet many of you, meet interesting presenters and gain a bit of useful knowledge from each one of the events.

Best Wishes,

Rick Vender, P.Eng.
Program Director
programs@peoyork.com

Communications News

If you are not receiving emails from us, please check your junk/promotions/social tab in your email. Also, please verify your email address on file is correct by logging into the member portal at www.peo.on.ca

Contact me if you have any questions.

Tolulope Falade, P.Eng.
Communications Director
communications@peoyork.com

2018 AGM & Chapter Executive Elections

The Chapter's Annual General Meeting and election for the 2018-2019 executive board will be held on **Feb 24, 2018**.

Who is eligible to run for election?

Be a member of good standing with PEO and have no criminal record;

Recommendations via email by two professional engineers that you are a member of good standing.

A short description why you want to run for election and which position you intend to run for.

On election day at the AGM

Each candidate will provide a short speech on why they are running and if elected how they will serve the Chapter.

Deadline

Please note that the deadline is two weeks before the AGM. To be eligible to run for the election, nomination and interest needs to be submitted to nominations@peoyork.com by **Feb 10, 2018**.

For more details on the election and the available positions, please visit: www.peoyork.com/aggm



Certificates News

I am very happy to inform that this past September 23, 2017 the chapter held its fall CPC at Le Parc Banquet hall, where 39 newly licensed engineers received their certificate from our chapter chair Gordon Ip, Regional Councillor Noubar Takissian and MPP Julia Munro.

There will be another CPC event on February 24, 2018 where a new group of recipients will start their journey as professional engineers.

Gallant Ng, EIT
Certificate Director
certificate@peoyork.com

Mentorship and EIT News

The Mentorship and EIT committee organizes events that assist EITs with the P.Eng. licensure process, and engineers in the advancement of their career. Our latest round of the Licensure Assistance Program (LAP) began in the spring. Run in partnership with PEO, the LAP matches EITs with a P.Eng. guide. This 1:1 relationship provides advice and guidance from a licensed engineer to assist with an EIT's licensure. This year, we matched close to 40 pairs of guides and EITs, making it one of the largest participation rates for the Chapter so far.



In the fall, we held an Experience Record Bootcamp, which gave EITs a detailed look at the requirements of writing an effective Experience Record, one of the most important steps in obtaining a P.Eng. license. After an informative seminar with examples and tips (including a look at the Experience Requirements Committee interview), we held 1:1 reviews with engineers, who provided advice for EITs on how to improve their record and communicate their engineering experience.

We will close off the year with a Mentorship event that will help early career engineers, EITs, and our members come together for an EITs vs Engineers challenge, to foster networking and friendly competition.

Elmer Ting, P.Eng.
Mentorship & EIT Director
mentorship@peoyork.com

Business Liaison News

Our committee is planning our next Engineering Symposium. If you are interested in participating, please contact me at ed.fung@peoyork.com

Theme:	Environment Technology
Purposes:	“Everything you need to know about creating jobs and protecting the environment.” Join us and help share the story of your firm, your challenges and how you make an impact to this industry
Date:	April 26, 2018
Target Audience:	Professional engineers, technology innovators and business owners and operators. Government Officials Business investors
Guest Speakers:	Key policy makers, C-level executives, senior directors and consultants

Ed Fung, P.Eng., MBA
Business Liaison Program Director
business@peoyork.com



through a 3 meters long water channel within 2 minutes. Only complete delivery from one end of the track to the other were counted. 20 teams of Grade 7&8 students from York Region schools took part in the challenge. Students worked in groups of four to design and fabricate the ship from popsicle sticks, cardboard, aluminum foil and other materials provided. The principle of buoyancy was explained at the beginning of the challenge. Students can change the structure of the ship and test their design before evaluation.

Judging was based on the students' problem-solving skills, design, construction and the ship's performance. The top team was sent to the regional level of the design challenge.

Scholarship News

PEO York Chapter received 48 scholarship applications from students who completed Grade 12 studies in 2017, with honors and are attending first year engineering studies at an accredited engineering school in Canada.

We are pleased to recognize three students for their outstanding scholastic performance, community service, volunteerism and interest in the engineering profession this year. Each scholarship is valued at \$1333 to help students with their first-year education costs. PEO York Chapter would like to thank all students who applied for the scholarship.

The 2017 scholarship recipients

Danielle Leigh Dederer: Stouffville District Secondary School, first year Engineering at Queen's University

Ran Owen: Westmount Collegiate Institute, System Design Engineering at University of Waterloo

Vishal Chopra: Thornlea Secondary School, first year Engineering at University of Western Ontario

We would like to thank **EllisDon** for their generous monetary contributions.

Daniel Cho, EIT
Education & Scholarship Director
scholarship@peoyork.com



Education News

Design Challenge – Mini Cargo Ship

The PEO York Chapter 2017 National Engineering Month Design Challenge was to design and build a mini cargo ship that can transport the maximum amount of goods (by weight)

2017 AMD Engineering Mathletics Competition

Our Mathletics competition is about having fun by applying math skills to solve engineering problems. The event is divided into two sessions. The junior level is for grade 7 and 8 and the senior level for Grade 9-10. The top three students in each competition received cool engineering themed prizes. **Advanced Micro Devices (AMD)** continues to be our title sponsor in 2017, and two lucky winners took home an AMD laptop.

Daniel Cho, EIT
Education & Scholarship Director
education@peoyork.com



Government Liaison News

It is always a pleasure to write about the activities of PEO York Chapter's Government Liaison Program as we head into an election year that will see some major political changes within our chapter's boundaries. In June of 2018, the number of provincial ridings within our chapter's boundaries increases to ten from the current seven. The GLP committee has dedicated enormous effort in the past year to position us to cultivate new relationships and reinforce existing relationships with our members of provincial parliament (MPPs), regardless of the outcome of the 2018 Ontario General Election. Our GLP committee is thrilled about the prospect of engaging ten MPPs starting next year, which will make York Chapter the PEO chapter with the most MPPs within its chapter boundaries. Along with new responsibilities, the opportunity for our members to have a greater voice in government and the community through our soon-to-be new MPPs is something we are all very excited for.

GLP activities that took place over the last year included attending the New Year's Levee held by The Hon. Chris Ballard, MPP, Minister of the Environment and Climate Change and a talk by The Hon. Michael Chan, MPP, Minister of International Trade, hosted by the Empire Club of Canada in the summer of 2017. During Minister Chan's talk, he mentioned that Ontario's engineers are key to the province's global competitiveness.

We also had the pleasure of having Ms. Gila Martow, MPP Thornhill, and Ms. Julia Munro, MPP York-Simcoe attend and address our chapter's newest licensees and members at our Winter and Fall Certificate Presentation Ceremonies (CPC), respectively. Upon returning to Queen's Park the following week, MPP Martow gave a statement in legislature commending PEO York Chapter on a successful CPC and the election of WIE Director Hannah Ehtemam to the executive board. During the Fall CPC, the chapter recognized Ms. Munro's 22 years of service as an MPP in York Region with a very unique gift - a 3D-printed plaque in the shape of her political riding of York-Simcoe!

The fact that our profession and our chapter became a topic of conversation for Minister Chan and MPP Martow, speaks to the rising profile of York Chapter's engineers in the eyes of our elected politicians. These are the milestones that measure the success of our GLP engagement strategy. Thank you to the GLP volunteers who spent time and effort on building relationships with our MPPs. These achievements wouldn't have been possible without your dedication.

Daniel Liao, P.Eng.
Government Liaison Director
liaison@peoyork.com

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From L to R: Vice Chair Lui Tai, GLP Director Daniel Liao, PEO East Central Region Councillor Thomas Chong, Ms. Julia Munro, MPP, PEO East Central Region Councillor Noubar Takessian, Chair Gordon Ip.

Insert: Close-up of 3D-printed plaque presented to MPP Munro

Awards and Recognition News

The Awards Committee has launched the annual PEO York Chapter Engineering Project of the Year Award competition for 2017 and we're looking for your project submissions! The award aims to promote the practice of the engineering profession by recognizing outstanding projects of a technical nature within York Region and the surrounding GTA.

On behalf of the Awards Committee, I would like to congratulate the 2016 winners and thank all the applicants for their engineering successes and contributions towards their local communities. The 2016 winners were:

- Small Company Size Category: Drystill Holdings Inc. (www.drystill.ca) for their Pass-through Distillation – The Bioeconomy Game-Changer project,
- Medium Company Size Category: Mircom Group of Companies (www.mircom.com) for their Mircom Headquarters – The Making of an Intelligent Building project, and
- Large Company Size Category: Toronto Transit Commission (spadina.ttc.ca) for their Toronto-York-Spadina Subway Extension project.

Similar to last year, this year's award will have three submission categories, this is to ensure projects are evaluated relative to resources of a similar Organisational size. Projects from all engineering disciplines are welcome! The deadline for abstract submission for the 2017 Engineering Project of the Year Award is **January 12, 2018**, so please hurry and go to www.peoyork.com/potya to download the application to apply.

Finally, to give our 2017 award competition a kick start, we would like to announce that the first five York Chapter members to send in an application will receive a **\$100** gift card to a restaurant/store of their choice! Visit our website for full details. If you have any questions, please contact me at awards@peoyork.com.

We look forward to celebrating your successes!

Fiona Leong, EIT
Awards & Recognition Director
awards@peoyork.com