



In this issue

Message from the Chair

CHAPTER EVENTS

Fall Certificate Ceremony

Chapter BBQ @ Kelso Park

Beer Tasting Tour

FIRST Lego League City Shaper

STEM Conference @ Bishop Reding

Junior Engineering Workshop
and more...

Upcoming Events

Take Your MPP to Work

Professional Reliance Case Study

and more...

Call for Volunteers

Individuals interested in volunteering or getting involved with the PEO Oakville Chapter are invited to attend any of our monthly meetings that take place on the first Wednesday of every month.

Contact

chair@peo-oakvillechapter.ca
for location details.

Message from the Chair



Parisa Mahdian, P.Eng., M.Eng.
Chair, Oakville Chapter
Professional Engineers Ontario
chair@peo-oakvillechapter.ca

It has been another exciting year for the Oakville Chapter and my second year serving as the Chapter Chair. Our executive board delivered a wide range of events. This newsletter serves to capture the main events of the chapter. The goal has been to bring various events in support of PEO's mission to regulate and advance the practice of engineering to protect the public interest. The PEO Oakville Chapter executive board sincerely hopes that you find this newsletter informative and enjoyable.

We had the opportunity to strengthen our local Chapter's connection with the provincial government and local community. We continue to bring technical presentations and tours of local engineering firms to our members. Our education committee has been busy organizing various events as well. In addition to educating students and teachers on the importance of engineering, the Education Committee did a great job at selecting three scholarship winners and awarding them during the fall licensing ceremony. Our chapter continues to provide a well-executed Licensure Assistance Program (LAP), which links engineering interns (EITs) with professional engineers as they progress towards obtaining their engineering licence.

Our flag-ship annual BBQ for our members and their families at Kelso Conservation Park was a fun event where local Oakville and Milton politicians and their families attended. Oakville Chapter was also engaged in expanding collaborations and co-hosting events with other organizations such as the Canadian Nuclear Society. Lastly, a friendly reminder that most chapter communications are via email and through updates on our chapter website. It is vital that you opt-in and maintain your contact information in PEO records in order to get notified of important messages from PEO and our upcoming events and activities. At Oakville Chapter, we are all volunteers and always look forward to having new members join us to organize great events. Please come to our events and visit our website at www.peo-oakvillechapter.ca. Stay tuned for our upcoming e-blasts and have a safe and joyful holiday season.

Licence Ceremony September 19, 2019



On September 19, the Oakville Chapter held our annual fall certificate and award presentation. The event was well attended and saw 30 licences, three scholarships and several service pins awarded to chapter members. The event was attended by MPP Stephen Crawford

(Oakville), MPP Effie Triantafilopoulos (Oakville North), and MPP Parm Gill (Milton), who personally congratulated the award winners. We sincerely appreciate the support of our MPPs and congratulate all our award winners.



Chapter BBQ @ Kelso Park June 23, 2019

The PEO Oakville Chapter BBQ was held on June 23rd, 2019 at Kelso Conservation Area, Milton.

Almost 200 members and their families attended the event along with MPPs and town councilors. It served as a great opportunity for chapter engineers to meet the Executive Committee of the Oakville Chapter and to discuss the measures to be taken for further enhancement of Oakville chapter activities in the future. It was also an opportunity to offer thanks to chapter members for their ongoing support.

x Beer Tasting Tour August 29, 2019

A tour was held at the ORANGE SNAIL BREWERS – MILTON on August 29th, 2019. This brewery is operated by a chapter member and co-owner of the brewery. The tour was attended by more than 30 chapter members.

The tour was a good networking opportunity for professional engineers and EITs, who had the opportunity to meet Chapter Executives, engage with local community and sample some beers.



x FIRST Lego League City Shaper September 18, 2019

An information session was held at The Town of Oakville by First Lego League teams 17818 Notre Dame and 44851 T.A.C.O.S. Industry experts in the civil, architectural and environmental fields held 30-minute classes in which teams rotated to learn about the steps to planning a community. Our Education Committee Chair, Sarah Majlesi, who is a structural engineer held one of these classes and demonstrated the steps involved to produce a structural project and the everyday responsibilities as a structural engineer at the office.

x STEM Conference @ Bishop Reding November 2, 2019

Dozens of Grade 6-8 students attended the annual STEM conference at Bishop Reding Catholic Secondary School on November 2, 2019. Viet Le-The attended the event on behalf of the PEO Oakville Chapter Education committee as an invited guest speaker. Viet had the opportunity to share his experience as an aerospace engineer and discuss the importance of the PEO in engineering to the prospective students of Bishop Reding and their parents.

Ionizing Radiation in Medical Therapies October 10, 2019

Dr. Jerry Cutler spoke to the PEO Oakville Chapter and the Canadian Nuclear Society about the use of ionizing radiation in medical therapies on Oct 10 2019. He presented the history of low dose radiation exposure to human beings. He has successfully performed clinical trials in using low dose radiation to treat Alzheimer's disease, dementia and certain types of cancer. His presentation was received with much interest by the 35 members in attendance.



How Additive Manufacturing (3D Printing) is Changing Design & Manufacturing – Like It or Not October 17, 2019

Darren Gornall, President and Deep Singh, Director of Additive Manufacturing of CAD MicroSolutions gave a very informative presentation on how additive manufacturing is changing design. Prototypes of parts printed with 3D laser printers were displayed and discussed with the 35 members present. Many examples were given in the presentation showing how additive manufacturing is being used in various industries.



Oakville Hydro Facility Tour July 5, 2019

Oakville Hydro, a subsidiary of Oakville Enterprises' (OEC) - regulated by the Ontario Energy Board, is an electricity distribution company in the local community. Using a sophisticated network of remotely switched power lines of approximately 1400 km, Oakville Hydro has reliably delivered energy to households and businesses for over a century.

Oakville Hydro's Control Room is the key component to contribute to its success. The operators monitor the distribution system 24-hours a day, 365 days per year. They also utilize Outage Management System to help predicting fault locations, enabling them to dispatch

crews directly to locations for investigation and resolving issues before they occur.

On the tour, chapter members gained a better understanding of Oakville Hydro operations and how they continue delivering the power that we need every day.

Junior Engineering Workshop November 19, 2019

Over 20 students attended our yearly Junior Engineering Workshop at the Queen Elizabeth Parks and Recreation Centre to engage in a wide variety of STEM activities including Paper Structure Building, Electrical Circuit Composition and more!

PEO Oakville Chapter Scholarship Winners

PEO Oakville Chapter is proud to award scholarships to the following three students as they enter their first year of university:

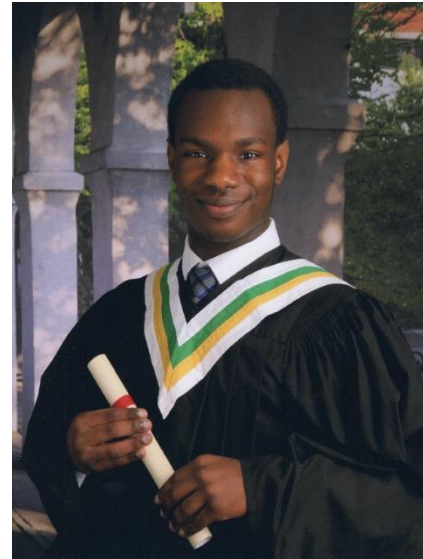
- | | |
|-----------------------|------------------|
| 1 st Place | Maria Mihu |
| 2 nd Place | Élie Dossou-Yovo |
| 3 rd Place | Victoria Sanchez |

A Special Message from Élie Élie Dossou-Yovo

My name is Élie Dossou-Yovo. I am currently a student in the engineering science program at the University of Toronto. Right now, one of my goals is to work on research to engineer nuclear fusion reactors which could potentially fulfill all our energy needs and help us fight climate change once and for all. I went to high school at "École secondaire Gaétan-Gervais" in Oakville which is a francophone school; a school with French as its first language. This is different from French immersion because francophone schools are for students who have French as a first tongue, not for teaching anglophones French. From 10th grade going on to 11th grade I made the choice to enroll in the IB program which is a 2-year enriched curriculum challenging student to push themselves further in their studies.

Innovation Committee Update

During the past year, the PEO Oakville Chapter participated in several Haltech Innovation activities where we began to work closer to better introduce Haltech's resources to our chapter. With this, we will be introducing several collaborative activities in early 2020. Please stay tuned for announcements from the PEO Oakville Chapter in 2020.



This experience among others helped me learn about how to manage projects in a community context, how to think critically, how to persevere during hard times, and much more. It is precisely the third lesson I mentioned in my previous sentence that I want people to take as a word of inspiration: perseverance. In my opinion, this quality is key in having success when facing challenges. Without it, I would not have been able to make it to where I am now, and without continuing to demonstrate this quality right now there would be little hope of achieving my dreams. Therefore, I encourage you to be persevering in all things that you do to succeed in your life goals and I sincerely wish anyone reading this good luck in their endeavors.

Government Liaison Program Update

The Government Liaison Program (GLP) was established to ensure that the government, PEO licence holders and the public continue to understand and recognize PEO's role in regulating the profession in the public interest. GLP goals include:

- Helping foster a better understanding of engineering work among Members of Provincial Parliament (MPPs);
- Increasing MPPs' understanding of PEO's regulatory role to protect the public interest;
- Offering unique knowledge and expertise to government before considering new policy related to engineering work and regulation of engineering; and
- Developing relationships among MPPs, local engineers and PEO chapters.

Our Chapter continues to build on the relationships with all three MPPs within our chapter's boundary (Stephen Crawford, Oakville MPP, Parm Gill, Milton MPP, and Effie Triantafilopoulos, Oakville North-Burlington MPP) that were established since the 2018 provincial election. Since this summer, all three MPPs have attended our annual picnic and BBQ at Kelso Conservation Area in June and encouraged our new P.Eng. licence recipients and provided congratulatory certificates to mark this milestone at the Fall Licence Presentation Ceremony in September. Through these opportunities, we reiterated the role of PEO as a self-regulating organization and its role in regulating the engineering profession in Ontario to protect the public interest.

In October, our GLP committee members joined others from all the East and West Central Regional Chapters at GLP Academy and Congress. At the meeting, we had a chance to be trained and share best practices and lessons-learned from our Chapter's past year GLP activities. In addition, our Chapter will look for future opportunities to collaborate with other chapters to further our GLP goals.

On November 29th, we will be hosting our 2019 "Take Your MPP to Work" at Rockwool Milton Facility for MPPs to learn how engineers and engineering played a role in the day-to-day operation at the facility and in the industry.

If anyone is interested in knowing more about the Government Liaison Program or would like to join our chapter's GLP committee or like to participate for next year's Take Your MPP to Work as a host, please contact Sohail Naseer at glp-advisor@peo-oakvillechapter.ca or Jeffrey Lee at glp@peo-oakvillechapter.ca for more information.



January 23, 2020

Oakville Chapter AGM



Professional Engineers
Ontario

PEO Oakville Chapter AGM will be held on January 23, 2020 at Rattle Snake Point Golf Course in Milton.

All members are requested to register and attend the event. The annual report will be presented for chapter activities and a new executive board will be elected for 2020.

Registration will be available at the following link starting Jan 1, 2020:

<https://peoakvillechapter2020agm.eventbrite.ca/>

For more information, please contact Sohail Naseer glp-advisor@peo-oakvillechapter.ca.

November 21, 2020

PEO Professional Reliance Case Study



Professional Engineers
Ontario

A breach in the tailings pond at the Mt. Polley copper mine in British Columbia created a deluge of contaminated water to flow into nearby rivers and lakes. In this presentation, Bernard Ennis, P.Eng. will look at the changes affecting the engineering profession that have been introduced in British Columbia and its implications for the profession in Ontario.

See the PEO Oakville Chapter website for details.

March 7, 2020

National Engineering Month



The PEO Oakville Chapter will once again be participating in the regional National Engineering Month activities held at the Holy Trinity Catholic Secondary School. Please refer to our website shortly after the new year for more details!

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