



Chair's Message



Dear York Chapter P.Eng. and EIT Members,

I am both privileged and honored to have served as your Chair in 2011 and 2012. It has been a great pleasure to volunteer in York chapter for the last 10 years. York Chapter is the 2nd largest chapter in Ontario with 6,866 P.Eng., 671 EIT, and continually growing.

My main focus was to develop a strong volunteer team to support our diversified activities, to extend our influence in York Region community, and to initiate quality events for our members.

On top of traditional programs, such as the Design Challenge, Mathletics competition, EIT and University students' mentorship, etc., we organized some new events: Golf Tournament, Toronto Harbor Front Cruise, PEO New Building Tour, Big Bike Ride for Heart & Stroke, Job Search Skill Workshop, and the Chevy Volt Dinner and Technical Tour. York Chapter also exhibited at CPAC Professional Day and York Region's IEP Conference to promote our profession. You will find new and exciting executives' report in this newsletter for these event details.



Looking forward to 2013, I encourage you to nominate your team or your company for our Engineering Project of the Year Award, join our FIRST Robotics mentor team or be an instructor for our Engineer-In-the-Classroom program. You will find lots of opportunities, a sense of belonging and reward by volunteering.

Last but not least, there is no word to describe how much I appreciate the time and effort put in by our fellow executives and volunteers who've worked so hard throughout the year. The overwhelming number of participants at our events and their positive feedback are our motivation.

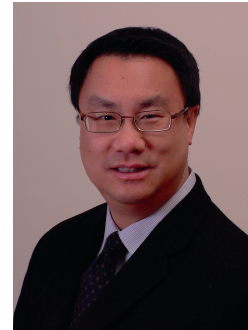
In closing, I wish you and your family a Happy Holiday and may 2013 bring good health and prosperity to all!

Best Regards,

Sarah Jin, P.Eng., MBA, PMP, FEC
Chair, PEO York Chapter



Vice Chair's Message



I would like to take this opportunity to thank all of our executives and volunteers for the extensive program of events that the York Chapter undertook this year. Without the effort of our dedicated volunteers, the chapter would not be as successful as it

is. Over the past few years, the Chapter has successfully focused on reaching out to the membership, to K-12 education, to universities, to government representatives and to our EIT members.

As a 2012-2013 strategic initiative, the Chapter would like to reach out to the engineering business community in York Region. It is with this initiative in mind that the Chapter recently created the York Region Engineering Project of the Year Award. The objective of this award is to recognize the contribution, both to the engineering profession and to the York Region community, by an organization that has undertaken or completed an outstanding engineering project. Submission nominations were solicited through e-mail blast and our website. The selected winner will be featured at our AGM, Certificate and Award Presentation Gala to be held in February 2012. Details of the award can be found by clicking the "Engineering Project of the Year" link on the main menu of the www.peoyork.com website. Although the submission deadline will have passed by the time you read this newsletter, this award will be an annual event and I would like to encourage you to consider the accomplishments of you and your company's engineering work as a submission for next year.

I would like to wish you and your family a Happy Holiday season and I look forward to seeing you at our events in 2013.

Gordon Ip, P.Eng., FEC
Vice-Chair, PEO York Chapter



EIT News

The goal of the EIT committee is to help the 600 Engineers-In-Training (EIT) within York Region with the transition to become a Professional Engineer.

The focus of this year was career management. To obtain your professional engineering licence, you are required to have four years of engineering work experience and at least one year of your experience must be under a licensed professional engineer.

A Job Search Skills Workshop was held to step the attendees through the experience of finding a job, from the search process to how

to succeed on the job. Most job openings are not advertised - it is important to identify these hidden opportunities and know how to network effectively to the hidden job market. In this interactive session, the attendees also learned how to impress the hiring manager on paper in resume and also during an interview.

We were also privileged to have Dr. Gordon Lee from the University of Ontario Institute of Technology to present at two different workshops related to engineers in management. In the first workshop Dr. Lee worked with the attendees to identify what it takes to move into management and the skill gaps which limit

one's promotability. In the second workshop Dr. Lee examined the challenges faced by engineering managers such as goal setting, performance reviews, and motivation.

I would love to hear your suggestions, ideas or comments that can be beneficial to help you and others bridge the gap to become engineers. Please do not hesitate to share your feedback and comments with me.

Annabelle Lee, EIT
EIT Director, PEO York Chapter

Mentorship Program

EIT Mentoring Program

We have about 30 mentor /mentee groups participating this year. Our kickoff meeting on June 23rd was well received by our members. The program wraps up at the end of November and we will be doing another one in early 2013. We have received a number of kudos from mentees who have found the program valuable. We are planning a mentorship appreciation event for early December.

Toronto Harbour Boat Cruise

We filled the Mariposa Showboat on Saturday, June 9th and cruised the harbour for several hours with nice tunes and food. The weather was perfect and the view of the city from the harbour was spectacular! A number of door prizes were won and a good time was had by all members and friends who attended. We plan to do this cruise again in 2013.

* A Niagara Wine Tasting Tour is currently being planned for the Spring.



Rick Vender, P.Eng
Mentoring Director, PEO York Chapter

Certificate Ceremony News

It has come to the Board of the York Chapter that a high percentage of recent York Chapter members have received their PEO Certificates (paper license) via Canada Post. There are a few reasons leading to this. The Chapter is working with PEO on giving you alternate options.

PEO Head Office has sanctioned the York Chapter this Option - We can invite those new members back to a future Chapter Certificate Ceremony. We will have your PEO license framed and presented to you on stage.

To this end, the York Chapter Certificate Director will be offering this option to new members who desire to have their Certificate presented in a formal setting, receive a free dinner, while at the same time celebrating this happy moment with their family, relatives and friends.

If you qualify for this new Chapter initiative, please contact the Certificate Director (certificate@peoyork.com) with the following information - Your full name as shown on your PEO Certificate (license), PEO Membership Number, Approx. time (month and year) your paper Certificate was mailed to you.

The Certificate Director shall review your request and advise you of next steps. To better serve our new members, the York Chapter is looking forward to hearing from you.

On another note - Patrick is pleased to report that our 2012 Fall Certificate Event was held at Hilton Suites Hotel in Markham, on Sep 22nd, 2012. There were about 100 attendees including (32) new Certificate Recipients, and (4) first year University students who were awarded York Chapter Scholarships. To help celebrating this Event, we have invited VIP's to

attend the Ceremony. Our Keynote Speaker was Dr. Gordon Moe, a renowned Cardiology from St. Michaels Hospital in Toronto.



Shown above is a photo of York Chapter Chair Sarah Jin (left), with VIP's Markham Mayor Frank Scarpitti (centre) and MPP York-Simcoe Julia Munro (right) attending the 2012 Fall CPC Ceremony.

If you missed the Fall Ceremony, our Winter CPC is scheduled to be held on February 9th, 2013 (Saturday.) All PEO members, York Chapter or other, are welcome to register to attend our Ceremony.

For those new members who have recently been presented their Certificates, you may browse our Chapter website archives checking out event photos at the Presentation Ceremony that you attended. The York Chapter website is www.peoyork.com. Click on 'Archives' and look for your CPC Event photos. Happy surfing!

Should you have any queries on your new Certificates, please contact the Certificate Director or any of the Chapter Executives. We'll be pleased to assist you. Thank you for your attention.

Regards,
Patrick Yeung, P.Eng
Certificate Director, PEO York Chapter



Education News

Design Challenge 2012

The challenge this year was to design and build a propeller from the given material inside a kit, assemble a gearbox with 42:1 gear ratio with a DC motor and attach the propeller to the gearbox shaft to generate electricity by placing the unit in the provided wind source. Students were informed about the application of Wind Turbines and their role in generating green energy in our society today.

They completed the following tasks in their teams during the challenge:

- Design, sketch and build a propeller; test their initial design; detect and correct defects;
- Review and improve their design; evaluate any improvements by testing; share the joy of their achievement with their team members and compete amongst other teams using the finalized propeller design



The event completed by recognizing the effort of the teams with overall highest score in both 'Design and Construction' and 'Performance Evaluation' criteria

2012 University Scholarship Award

PEO York Chapter was proud to recognize the academic and extracurricular activities of six students entering the first year Engineering program at a Canadian university this year. PEO provided two and York Chapter provided an additional four scholarships at \$500 each.



Scholarship Recipients (from left to right): Paymon Sani (Edu. Director), Tom Zhang, Stephanie Gaglione, Connor Buott, Sakeena Panju, Sarah Jin (York Chapter Chair). *Christopher Luc and Barry Fung not present.

Paymon Sani, P.Eng
Education Director, PEO York Chapter

Government Liaison Program Committee

Many successful GLP events took place over the past year – here's our summary at a glance!

April 2012

• PEO East Central Region GLP Academy and Congress - 25 engineer members from six PEO Chapters including PEO councillors, Chapter chairs, GLP directors and invited guest MPPs participated to discuss how to improve the communications between the engineering community representatives and elected public officials at the provincial level in Ontario. A full-page coverage was published in PEO's monthly magazine, Engineering Dimension Sept-Oct 2012.

May 2012

- "Yes to OSPE, No to Bill 15" Campaign - Our Chapter representatives met with a number of MPPs representing York Region at the Provincial Parliament attended this campaign to inform about PEO's regulatory responsibilities and to discuss professional engineers' role towards safety and well-being of residents.
- Fundraising Event by Dr. Helena Jaczek, MPP (Oak Ridges-Markham). Mr. Brad Duguid, MPP and Provincial Minister was the chief guest at the occasion.
- Progressive Conservative's Fundraising Event - Gerry Meade, P.Eng. attended on behalf of PEO York Chapter with Tim Hudak, MPP.

June 2012

• Public Art Mural Inaugural Ceremony - Sadiq A. Pirani, P.Eng., attended with Mayor Frank Scarpitti of the City of Markham.

September 2012

• York Chapter Fall Certificate Presentation Ceremony - Ms. Julia Munro, MPP and Mr. Frank Scarpitti, Mayor of the City of Markham were invited as special guests to attend the Fall 2012 certificate and scholarship presentation ceremony. The ceremony received full coverage in the PEO GLP Weekly newsletter dated Sept. 24. The GLP committee received notes of appreciation from the invited special guests. The GLP committee received notes of appreciation from the invited special guests.

October 2012

• PEO 90th Anniversary Celebration - Over 100 Professional Engineers representing 39 PEO Chapters and 40 MPPs including the Attorney General John Gerretsen, MPP (Kingston and the Islands) and five other senior Ministers participated in the celebration at the Queen's Park Reception on October 17. Kam Leong, P.Eng., participated on behalf of York Chapter.

Sadiq A. Pirani, P.Eng
GLP Director, PEO York Chapter

Communication News

Around the time of the last printed newsletter, we sent out an electronic survey and we received 265 responses. Let me share with you the key takeaways:

- 52% said we are meeting your expectation.
- 55% said we have a right mix of programs and events.
- 30% indicated that they visited our website once a month while 65% visited less than once a month.
- 53% preferred one chapter's email a month while 91% preferred the bi-monthly newsletter as an effective way to communicate while balancing the volume the email.
- Top events choices are: technical tours, business seminars, development programs, educations and EIT events.
- 33% of the respondents participated more than 1 event in the last 24 months.

I would like to thank all the respondents. Your responses are important to us and we are already using these results to plan our events this year.

Effective communication continues to be a priority for this chapter. When you are reading this newsletter, please "like" us via our Facebook URL: <http://www.facebook.com/PEO.York.Chapter>. By doing so, you will be able to hear and sign-up for our newly created events as soon as they are published. Some of our events are so popular that they are full within hours!

Dennis Woo, Ph.D, P.Eng
Communications Director, PEO York Chapter

Program News

Once again this year we had a very interesting, informative and fun set of events for the PEO York members. This year started with one last event in February that was set up by our past year's Program Director, Darren Desrosier, at the University Of Ontario Institute Of Technology's Automotive Centre of Excellence Climatic Wind Tunnel. Members who braved the elements of the winter storm received a wonderful tour of the one of kind test facility in Canada. The wind tunnel has the capability to change its climate from snow, rain and arid desert, temperature and humidity settings from 60 deg C to -40 deg C and 5 to 95% humidity and generate wind speeds exceeding 240 km/h.

In May, a technical talk dinner on the



Chevrolet Volt by Dan Mephram, P. Eng., the GM Canada product planner for the vehicle, was held. Thirty-two members enjoyed a very informative discussion, where Dan talked about the different modes of the controls of the engine and electric motor functions. Everyone that attended came out with a better understanding of the Volt and better appreciation of the technology and engineering that went into the development of this vehicle.



PEO York chapter hosted its first annual golf tournament at the Bethesda Grange Rolling Hills Golf Club on July 12th. We had a good group of 40 members and corporate sponsors out for a great round of golf and dinner afterwards. With the success of this event we are planning to have another golf tournament next year and continue it as an annual event. I would like to thank Kam Leong for putting this event together and our sponsors: Total Meter Services Inc., Denhall Construction Inc. and Lake Harbour Co. Ltd.

For November there was a financial seminar hosted by RBC on 'The ABC's of Debt'. Our Guest speakers guided our members through the Five Principles for Better Borrowing and how to protect your assets using an effective estate plan so that we can make sure our personal financial plan is in order and that we are on the right path to meeting our long term goals. The session was very informative and a lot of good tips was passed onto our members. I would like to thank George Rosati for helping us to arrange this seminar and dinner.

I hope that all of our members got a chance to come out to some of our events and enjoyed

themselves this year. I would like to thank all of you that came out and to the PEO York Executives for supporting me on our events. It was a pleasure for me to be your PEO York Programs Director.

Don Eng, P.Eng
Programs Director, PEO York Chapter

2013 Chapter Executive Nominations

I am the Past Chair of the PEO York Chapter and will be chairing the election in 2013 at the Chapter Annual General Meeting. The purpose of the election is to provide an opportunity for registered members or EIT to serve in the Chapter's executive board for a period of one (1) year if elected. The only exception for an EIT is that the person if elected cannot serve as Chair, Vice-Chair, Treasurer or Secretary.

The executive board consists of the following positions: Chair; Vice Chair; Past Chair; Secretary; Treasurer. Also the following Director positions: Program; Certificate; Education; Mentorship; Government Liaison Program; EIT; Communications.

Please note that the Past Chair position is the only position that is reserved for the previous Chair and all other position is open to the Chapter membership.

Who is eligible to run for election?

The following must be met in order to be eligible to run for election:

- Member of good standing with PEO and have no criminal record;
- Recommendation via email by two (2) professional engineers that you are a member of good standing. The email to be sent to me: kam.leong@peoyork.com;
- A short description why you would run for election and which position do you intend to run for. Please email short description to me;

On election day at the AGM

- Each candidate is to provide a short speech on why they chose to run for the election and if

elected how are they going to serve the Chapter;

Deadline

Please note that the deadline is two (2) weeks before the AGM. The last day of the submission to be eligible to run is January 25, 2013.

If you have any questions please contact me via email (kam.leong@peoyork.com) or phone (416 570-3617).

Kam Leong, P.Eng
Past Chair, PEO York Chapter

Contact Us

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Markham, ON L3R 3V7

Web Address: <http://www.peoyork.com>
Facebook: PEO York Chapter (Non-Profit Organization)

Chapter Board 2011/2012

Officers

Chair: Sarah Jin, P.Eng.
Vice Chair: Gordon Ip, P.Eng.
Secretary: Gordon Young, P.Eng.
Treasurer: Simon Hum, P.Eng.
Past Chair: Kam Leong, P.Eng.

Executives

Certificate Director: Patrick Yeung, P.Eng.
Comm. Director: Dennis Woo, PhD, P.Eng.
Education Director: Paymon Sani, P.Eng.
GLP Director: Sadiq Pirani, P.Eng.
Program Director: Donald Eng, P.Eng.
Mentoring Director: Rick Vender, P.Eng.
EIT Director: Annabelle Lee, EIT

About this Newsletter

This newsletter is published for the benefit of over 7,000 members of the York Chapter, Professional Engineers Ontario. Its main goal is to communicate the Chapter's activities and views and to be a voice of our members. Hence, your comments, letters to the editor and guest articles are welcome. We reserve the right to edit submissions for length, clarity and style. The newsletter content does not necessarily reflect the opinion or policy of the Council of Professional Engineers Ontario, nor does the association assume responsibility for the opinion expressed.

Comments and suggestions of this newsletter should be communicated via email to communications@peoyork.com

Placeholder for mailing address