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Celebrating Almost 10 Years as the Official WTPEO Chapter Newsletter

The Chronicle



CELEBRATING JOY IN VOLUNTEERING

2015 CHAPTER CHAIR ELECTION AND CALL FOR NEW VOLUNTEERS

—By Chapter Chair, **Vimbai Brenda Munyukwi, P.Eng., PMP**

It has truly been a pleasure serving the Willowdale/Thornhill Chapter as Chair this year. Over the last couple of months, I have had the pleasure to serve with a dedicated team of volunteers on the board. Without their support, I would not have been able to deliver the objectives for this year. We have been able to successfully execute the core activities set by PEO, including delivering 13 seminars, revamping the newsletter, presenting licences to over 110 recipients and hosting a successful BBQ.

On a personal note, I was also blessed to welcome my first son in November. Once again, the W/T board was more than supportive and enabled me to enjoy my bundle of joy while continuing to deliver the chapter objectives.

As a new mom, I find myself concerned about my child’s safety in the products we buy. I have pondered on this and realized that my concern for my child’s paramount safety is no different than the concern we, as engineers, have for public safety. The concern for my child may be maternal, but is very similar to the oath I took to protect the public. For me, this is why I continue to dedicate my time volunteering for PEO at the chapter level.

PEO’s self-regulation is supported by a large pool of volunteers to deliver the mandate to protect the public. For me, this means ensuring that licensed people are designing baby products, building safe cars, and buildings. It is with this thought in mind, that I ask you all to consider giving back to the profession. Mahatma Gandhi once said:

“The best way to find yourself is to lose yourself in the service of others.”
--Mahatma Gandhi

I have been able to find myself this year by serving this chapter as Chair and by having learned so much from all the people I have come across and I thank you all.

I look forward to seeing you all at the Chapter’s AGM on March 3, 2015 at Hillcrest Public Library. We are also accepting nominations for those who want to volunteer with the chapter. We need your help.

*Vimbai Brenda Munyukwi, P.Eng., PMP
 Chair, Willowdale-Thornhill PEO Chapter*



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SPECIAL POINTS OF INTEREST

- **Brunch (Feb. 8, '15)**
- **AGM (Mar. 3, '15)**

The Chronicle publishes articles of interest to the membership of the Willowdale/Thornhill Professional Engineers Ontario (PEO) Chapter.

The content of this newsletter does not necessarily reflect the opinions or policies of the council of PEO, nor does PEO assume responsibility for the opinions expressed herein.

CANDIDATES FOR 2015 ELECTION AND ACCLAIMED, WWW.PEO.ON.CA FOR DETAILS

One-Year Terms:

President-Elect (one-year term)

- George Comrie
- Nancy E. Hill
- R. Anthony Warner

Vice President (one-year term)

- Patrick J. Quinn
- Rob Willson

Two-Year Terms:

Councillor-at-Large

(two candidates to be elected)

- Roydon Fraser
- Roger Jones
- Fred Saghezchi
- Noubar Takessian
- Michael Wesa

Eastern Region

- Dave Brown (acclaimed)

East Central Region

- Changiz Sadr (acclaimed)

Western Region

- Ewald J. Kuczera (acclaimed)

West Central Region

- Galal Abdelmessih
- James Chisholm
- Warren Turnbull
- Gregory Wowchuk

Northern Region

- Dan Preley (acclaimed)

2015 Council Elections and iPads VOTE BY FEBRUARY 27, 2015, 4PM (EST)

Willowdale/Thornhill hosted a 2015 Council Election Networking event with candidates on Sunday, February 8, 2015. The event was well attended despite the terrible weather conditions. Attendees networked with candidates over a continental brunch and the event was wrapped up by a few words from the candidates.

As an added incentive, everyone who votes will be entered into a draw for one of 10 Apple iPads. Have your Control Number ready and vote by phone at **1-866-732-VOTE** (8683) or **online**. If you need assistance, including replacing a lost control number, please call the elections helpline at:

1-866-301-1272
(Mon-Fri, 8:30 a.m. – 8 p.m. EST)



2015 Council Election Networking event, from left to right back: Nanda Lwin P.Eng.; Rob Willson P.Eng.; Noubar Takessian P.Eng.; Vimbai Brenda Munyukwi P.Eng.; Mohinder Grover P.Eng.; Roger Jones P.Eng.; Changiz Sadr P.Eng.; Nick Shelton EIT.; **left to right front:** Anthony Warner P.Eng.; Nancy Hill P.Eng.; George Comrie P.Eng.

Why Engineering?

—By Media Committee Chair, Mammad Horriyat, P.Eng.

Many engineers are aware of their profession and know well how the engineering field has a crucial role in the creation of modern society, but we often hear questions that compare engineering to other fields, including law and medicine, and even some engineers turn their attention to considering some monetary benefits that are more tangible to the public.

We should acknowledge that engineering created significant evolution in various areas and developed practical solutions to serve customer's needs, or end products, such as network infrastructure, medical equipment, intelligent and automated systems, mechanized resources, environmental hazards reduction and even reduced project's costs, that have solved existing problems and enhanced the quality of life.

Alongside this sensitive and determining role of engineers, when a product is created and then become marketable, all attention turns to the end products and nobody sees what intelligent brains and creative minds were behind it, and as much as is said about the product marketing, the creators are forgotten and, in fact, they are not the centre of attention or are not even properly recognized.

We also live in a world that is dramatically changing and becoming more polluting, consuming and challenging, with demands increasing for energy, food, water, land, transportation, health care, telecommunication and infrastructure. Engineers have a key role to fulfill these demands at various scales. Engineers are responsible for contributing to building a sustainable, stable and safe world and society should highlight engineering values and properly recognize them.

Written by:

Mammad Horriyat, P.Eng.

Chair, Electronic Media Committee

Willowdale-Thornhill PEO Chapter

TOPICS OF HIGH IMPACT IN DEMAND FOR PUBLICATION:

Law and Ethics

- perception of engineering
- conservation act
- interpersonal relationships

Construction

- HW407 extension
- the rise of the condominiums
- traffic logistics

Enterprise

- SME business experiences
- collaboration opportunities
- networking

Guidelines to publishing articles with "The Chronicle":

Word limit of 1000 words. About 300-500 words could be a full-page article; 50-100 words could be a section of the page, less than 50 may be published in the form of a banner or text box. The newsletter is meant to be a portal for the WTPEO chapter and community members. As a P.Eng. volunteering with the chapter, almost anything you write may be applicable to the newsletter. For additional guidelines on publishing in "The Chronicle" contact: publication@wtpeo.org

Certificate Presentation Ceremony – Photo Album

RECOGNITION OF LICENSURE AND SCHOLARSHIPS

—November 28, 2014



Seminars

“LEAN-ING TOWARD SUCCESS...A 6-STEP APPROACH TO IMPROVING THE OPERATION OF A BUSINESS...”

—By Nigel Southway on January 15, 2015

As Canada strives to improve productivity and remain competitive, many are finding that the implementation of LEAN and Six Sigma principles have become a firm prerequisite for continuous improvement, and essential for success in the innovation journey for any engineering business.

The Programs Committee would like to thank you for joining us on Thursday, January 15 in the Auditorium of Hillcrest Library as we welcomed back Nigel Southway to discuss the importance of Lean Six Sigma and its impact on achieving business goals. Some of the introductory topics included use of LEAN tools in a simple pragmatic way and how to work towards the SME/ASQ/AME LEAN Certification process.

A light dinner was served as the seminar's 65 participants learned how Lean Six Sigma tools can be used to identify the waste in any business process and why lean thinking is becoming an essential tactic to survive in today's workplace. If you have a request for an upcoming seminar or if you would like to present a topic to chapter members, let us know at programs@wtpeo.org.



About Our Guest Speaker:

Nigel Southway, C.Eng.

Author of *Cycle Time Management ...Fast Track to Time Based Productivity Improvement* A ground breaking LEAN-Thinking text book.

Nigel has more than 40 years' broad business and industry experience and is the Owner of NEXUS CONSULTING SERVICE and provides coaching and education on Business Productivity Improvement and Advanced Manufacturing Engineering to all types of business sectors and industries and helps clients develop a strategy and a vision to attack waste, capture productivity improvements, increase profits, and become more competitive in the global market.

www.nigelsouthway.com



OPPORTUNITIES CURRENTLY AVAILABLE FROM THE WTPEO CHAPTER BOARD

Event Speakers and Sponsors

Contact: Nicholas Shelton,
programs@wtpeo.org

Education / Outreach Mentors

Contact: John Penaranda
education@wtpeo.org

LAP: If you are a licensed professional engineer eager to share your experience and mentor interns (engineers-in-training), available two hours/month for the next six months, please email us at education@wtpeo.org. Your commitment with our profession is appreciated.

NEM 2015: looking for EITs and P.Engs to help organize Mathletics event and interact with students in grades 7 and 8. If you are available on March 29, from 11:00 a.m. to 03:00 pm.

All Motivated Volunteers

Contact: Vimbai B. Munyukwi
chair@wtpeo.org

Committee Reports

CHAIR'S REPORT—VIMBAI MUNYUKWI

Noubar acted as Chair for Vimbai for several monthly chapter board meetings towards the end of 2014. Vimbai has returned this New Year. Several key notes:

- **2015 council candidates meetings** (January 12-13, 2015)
 - Voting starts January 23; cast your ballot before 4 p.m. (EST) February 27
 - WTPEO Chapter representatives: Fred and Noubar, all the best!
- **AGM preparation**
 - Each committee to present a few slides for 2014 activity to report on during the AGM. Just one slide with a very brief overview
 - Need to ensure we communicate when AGM will be with the members in advance
- **chapter by-laws**
 - Absentee by-law to be reviewed
 - A committee has been formed as of December but due to time constraints, the committee will work towards amending the by-laws for 2016 AGM
 - Every board members to read the chapter by-law and offer feedback

TREASURER'S REPORT—MEHRI KAFI

Mehri has volunteered with PEO or over five years and has recently submitted her resignation from the chapter, due to moving away. Maziyar has volunteered and was elected to serve as the treasurer until the 2015 elections.

Relating to financials of 2013 vs. 2014, the overall expenses were the same. More was spent on chapter communications than in 2013 due to increased activity with the chapter newsletter. Budgets for 2015 have been developed for every committee.

CERTIFICATE PRESENTATIONS/AGM—SOUHEILA BARDAKJI

The Certificate Presentation Ceremony was held on November 28, 2014. Guest speaker Dr. Ferni was invited. This CPC was also the first time that a new chapter podium banner was developed, printed and used. The Annual General Meeting for the WTPEO Chapter is currently planned for March 3, 2015. The venue has been reserved at Hillcrest library. More details to come!

ELECTRONIC MEDIA—MAMMAD HORRIYAT

Invitations have been successfully sent out for various programs, events and ceremonies. He upgraded website and updated web pages and designed graphics in webpages. He established online payment, which could be used for all events.

Mammad Horriyat participated to bring new ideas and also suggested new features to PEO to improve email distribution system (PRISM).

Committee Reports (cont'd)

PROGRAMS—NICHOLAS SHELTON

Brian Kim has resigned from his committee chair position after a great year in 2014. Nicholas Shelton was elected as the new interim committee chair. In brief summary:

- **November 19, 2014** – Pub Night at Jacks Astor's
 - About 50 people showed up and Changiz came as a show of support
 - Discussion about the cost of event as it is a little over the said budget
- **January 15, 2015** – Lean-ing Towards Success...A 6-Step Approach to Improving the Operation of a Business
 - Nigel presented about Lean Six Sigma at the Hillcrest library
- **February 19, 2015** – Engineering Failures
 - Paul Achione will be talking about engineering failures, including three case studies
- **March 25, 2015** – EIT event
 - Changiz will be coming in for a talk on “Benefits of a P.Eng. Licence”
- **Other planned events, 2015**
 - 407 extension talk, tour of bombardier, MBA

EDUCATION AND MENTORSHIP (CONT'D)—JOHN PENARANDA

The Licensure Assistance Program (LAP) for engineering interns (EITs) was reviewed. Currently, WTPEO has 773 EITs registered. The LAP event on November 27, 2014 attracted 54 EITs with a long waiting list of EITs for the program. More P.Eng. licensed mentors are needed!

As a part of the scholarship program, four recipients received their award at the CPC event on November 28, 2014. The McClelland Group is generously contributing \$1,000 towards the scholarship in 2015. The new scholarship application forms are currently posted on the WTPEO website. So far, five awards are planned: one \$1,000 and four \$500 recipients.

HOT EVENTS:

Thursday, **February 26** the new 2015 Licensure Assistance Program (LAP) is rolling up with our WT PEO Chapter cycle 4 kick-off meeting at the Thornhill Community Centre. Participant Guides (P.Eng.) volunteers will assist and facilitate engineering interns (EITs) through their licensing process to become professional engineers.

Sunday, **March 29** at noon we are celebrating the 2015 National Engineering Month. School students in grades 7 and 8 are welcome to participate in our Mathletics event and have some fun and entertainment at Thornhill Community Centre.



GOVERNMENT LIAISON PROGRAM (GLP)—NANDA LWIN

Nanda attended an event at Queen's Park on November 5, 2014. On November 20, 2014, Nanda also attended the Christmas dinner where Premiere Kathleen Wynne and David Zimmer were in attendance. Other events included:

- attending David Zimmer's new year levy
- attending Chungsen Leung, MP for Willowdale, new year levy
- attending funeral of Roland Decona, member of parliament (Premier Kathleen Wynne was in attendance)

Other activities to note include Leigh Balgopal as PEO's GLP consultant at a possible town hall meeting in the next few months. The topic will likely be infrastructure related.



Community Portal

TREASURE UNDER THE BIG 'W' THAT FITS TO THE 'T'

Everybody has a story to tell. Living in the Willowdale-Thornhill area is a wonderful opportunity to encounter many adventures. These adventures include anything from swinging a club at the Thornhill Golf and Country Club to figuring out what the new Hwy 7 transportation route will have to offer. Do you have a story or opinion to share with our engineering society in the W/T area? Send an email to: publication@wtpeo.org.

The hot topic this newsletter:

- **What is a New Year's resolution?**

It is clear that with the start of a New Year, people tend to have very ambitious goals. These goals can vary from personal, to social, to professional, to really anything that one wishes to be different from last year. This is underpinning the idea of progress. Today, we see progress in a predominantly technological way. Electronics, cars, buildings, etc. are all heavy indicators of how well or how poorly a society is doing. Is progress necessarily technological? What kind of progress is a resolution? Let us know what you think and your opinion may be published in the next issue of "The Chronicle"!

If you also have any pictures, videos, poems, or fun facts you would like to share with our audience, it would be very nice to hear from you and to spread the word!

BE PART OF THE FUN!

Log onto www.wtpeo.org and find out how you can volunteer with the WTPEO Chapter. We are always looking to expand our team!

Send an email to chair@wtpeo.org saying how you would like to contribute. Chapter board meetings are at 5:30 p.m. on second Tuesdays of every month.

2014 SCC Awards

Mohinder S. Grover, Ph.D., P.Eng., FEC
Standards Council of Canada awards a WTPEO Executive for 25 years of volunteer work on Dependability engineering standards. *Congratulations Mohinder!*

2014 PEO Volunteer Recognition Awards

CONGRATS TO OUR CHAPTER MEMBERS!!!

Strong dedication and friendship shows as more members from W/T are recognized for their volunteer service by PEO. New members are always encouraged to exhibit their talents! Recipients of the 2014 Volunteer Service Recognition Award are:

- ✚ **Mammad Horriyat** –5 year pin
- ✚ **Vimbai Brenda Munyukwi**–5 year pin
- ✚ **Ali Nabili Tehrani**–5 year pin
- ✚ **Nanda Lwin**–10 year pin and FEC (Fellow of Engineers Canada) designation
- ✚ **Noubar Takessian**–15 year pin

NOT RECEIVING EMAILS FROM THE WTPEO CHAPTER?

You need to be a registered engineer or EIT with PEO and reside within the Willowdale-Thornhill area (see map). If that is so and you are still not receiving our events, programs and newsletters, please fill in the form on the "Contact Us" page of the PEO website: <http://peo.on.ca/>.

How to Reach the Fantastic Board Members of the WTPEO Chapter:

Contact Name	WTPEO Chapter Role	Email
Vimbai B Munyukwi, P.Eng., PMP	Chapter Chair	chair@wtpeo.org
Mazyiar Bolour, P.Eng.	Past Chapter Chair	mazyiar.bolour@wtpeo.org
Noubar Takessian, P.Eng., FEC, GSC	Vice Chair	vicechair@wtpeo.org noubar.takessian@wtpeo.org
Mazyiar Bolour, P.Eng.	Treasurer	treasurer@wtpeo.org
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Mohinder S. Grover, Ph.D., P.Eng., FEC	Executive	msgrover@rogers.com
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Nanda Lwin, P.Eng.	Government Liaison Program	GLP@wtpeo.org
Mammad Horriyat, P.Eng.	Electronic Media	electronicmedia@wtpeo.org
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Nicholas Shelton, P.Eng.	Programs	programs@wtpeo.org
OPEN	Engineering Interns	EIT@wtpeo.org
Dmitry Maznichenko, EIT	Publications	publication@wtpeo.org
Aung Ko Ko Kyaw, EIT	Secretary	secretary@wtpeo.org aungkoko.kyaw@wtpeo.org

* "PL" is an abbreviation for a "Provisional Licence" that is issued by PEO.

BOARD MEETINGS AT 5:30PM ON SECOND TUESDAYS OF EVERY MONTH !!!
EMAIL CHAIR@WTPEO.ORG TO ATTEND



Advertising Portal

FINANCIAL MANAGEMENT:

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Mark Friedberg, P.Eng, MBA, Certified QuickBooks ProAdvisor
Former Vice Chair and Treasurer – Willowdale/Thornhill Chapter, PEO

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The Chronicle

OFFICIAL WILLOWDALE/THORNHILL PEO CHAPTER NEWSLETTER

2015 Media Kit

ADVERTISING RATE STRUCTURE

The publisher reserves the right to change these rates at any time. Existing contract rates are guaranteed only for the next four issues from the date of acceptance of contract.

Colour	Once (1X)	Full Year (4X)
Full Page	\$400	\$1,400
1/2 Page	\$200	\$700
1/4 Page	\$100	\$350
Business Card	\$25	\$80

Distribution: includes emails, online archiving, and quality print for public chapter seminars.

Mixed Units: advertisers in multiple newsletter issues may vary their material subject to deadlines.

Taxes: Rates are not subject to GST or HST.

ADVERTISING DEADLINES

Please note that the exact distribution dates are subject to vary.

Issue	Material Due	Distribution
Winter 2015	Jan. 23, 2015	Feb. 20, 2015
Spring 2015	Apr. 24, 2015	May 22, 2015
Summer 2015	July 24, 2015	Aug. 21, 2015
Fall 2015	Oct. 23, 2015	Nov. 20, 2015

ARTWORK REQUIREMENTS FOR ALL ADS

- Photos and bitmapped graphics (i.e. JPG or TIF images) should be 300 dpi at their final size.
- The artwork size should be exactly the size required. Do not leave extraneous space surrounding the artwork.
- A set up fee or rejection may apply if material received does not meet the noted criteria.

MECHANICAL ADVERTISING INFORMATION

SIZES		SIZES	WIDTH	HEIGHT
Full-page Bleed		ARTWORK TRIM LIVE	8.125" 7.875" 7.125"	10.75" 10.5" 9.75"
Full-page Non Bleed		ARTWORK	7"	9.75"
1/2 Page Horizontal		ARTWORK	7"	4.637"
1/2 Page Vertical		ARTWORK	3.408"	9.75"
1/4 Page Horizontal		ARTWORK	7"	2.229"

File transfer media: CD-ROM, DVD-Rs acceptable. Smaller files can be emailed up to a maximum file size of 10MB. Send email to publication@wtpeo.org.

Design services: Complete design services are available at an additional charge.



**FOR MORE INFORMATION,
PLEASE CONTACT THE PUBLICATIONS COMMITTEE
BY EMAIL AT PUBLICATION@WTPEO.ORG**

TERMS AND CONDITIONS

Contracts: The advertiser and/or advertising agency assume liability for all content (including text, representation and illustration) of advertisement printed and also assume responsibility for any claim arising therefrom against the publisher. The advertiser and/or its advertising agency agree that *The Chronicle* Newsletter shall be under no liability for its failure, for any cause, to publish any advertisement.

Payment: Publisher is entitled to payment as herein provided, upon having completed the printing and taken reasonable steps to distribute the publication. Payment is due in Canadian funds to the WTPEO Chapter by the material closing date unless credit has been granted.

Cancellation: All newsletter ads must be cancelled at least five business days prior to material closing. Failure to do so will result in a 25% cancellation fee.