

2006 COUNCIL ELECTIONS



Following are statements from the candidates and a list of positions filled by acclamation. Candidates for each office are presented in alphabetical order. Statements or claims by candidates are not verified and are the sole responsibility of the candidates themselves. The only editing is with regard to grammar, punctuation and total number of words and, if editing is required in this event, it has received the candidate's approval.

Election Timetable

Ballots mailed by January 31, 2006

Ballots to be returned to Official Agent by close of business on February 28, 2006

New Council takes office April 29, 2006

Positions Filled by Acclamation

Northern Region Councillor

David W. Euler, P.Eng., North Bay (Industrial)
B.A.Sc., Toronto '81
President, Donson Systems Inc., North Bay

Western Region Councillor

John O. Vieth, P.Eng., Waterloo (Electrical)
B.A.Sc., Waterloo, '84
Director of R & D, Dalsa Corp., Waterloo



J. DAVID ADAMS, P.ENG., MBA
President,
Maple Leaf Engineering Corporation
Hanover

Education

- Arts and Science, Carleton University
- BEng, McGill University
- MBA, University of Western Ontario

Career

As an undergraduate: National Research Council, Ottawa; Imperial Oil, Leduc, Alberta

In professional capacity:

- machine design, project engineering: CIL, Kingston, Cockshutt, Brantford
- engineering, accounting, administration, planning, acquisitions: Abitibi Paper; Atlas Steels; Rio Tinto, London, England; Canadian Gypsum; Massey Ferguson, Toronto
- President/Owner: Canada Spool, Quality Performance Engineering Inc.
- currently, President, Maple Leaf Engineering, consultants in lean design, manufacturing and distribution

David served PEO chapters in Toronto and Georgian Bay before two terms on Council.

He chaired the Governance Task Force, currently chairs the Audit Committee, and serves on the Government Affairs Committee and Advisory Committee on Volunteers.

David is Past President, Rotary Club; Chair, Church Council; Choir, member, Gideons International, WHO'S WHO in Finance and Industry, in Canada and USA, and INTERNATIONAL MEN OF ACHIEVEMENT.

He is happily married with three grown children.



Now we have settled on a progressive governance model, where Council, committees and staff have clear mandates, PEO has turned to improving our input and influence with the Ontario government.

This initiative must be continued, so we never have another BRRAG or accept the designation "qualified person" in place of a P.Eng., where engineering work occurs in government regulations. Our Act is clear and we must exercise it!

Further, the granted powers to establish standards of knowledge, qualifications and practice enable PEO to better define and enforce scopes of practice and provide members with the ability to designate their own areas of practice.

Member input is key to a practical, defensible, workable system of operation.

PEO currently captures only 15 per cent of new graduates. Under my direction, PEO would abolish fees for students, waive first-year graduates' fees and if they choose to participate in chapter or committee work, waive two more years.

Much greater vision is wanting in our profession. Canadian engineers must be well prepared to find their way in the global economy. They must be accredited in the new applications of science.

CCPE should undertake a national demand-side study to ensure our graduates and immigrant engineers have the right skills for sustainable employment here and are fully prepared for overseas assignments.

We can accomplish this by fully utilizing our greatest resource, our members, and without a fee increase in my term as President! This I pledge to you. Let's bring our self-governing profession to the forefront of Canadian society. Only then will we gain an income level commensurate with our contribution. Please call 519-364-5796 to discuss policy issues or email gpe@bmts.com Thanks.



WALTER K. BILANSKI, PHD, P.ENG.
University Professor Emeritus,
University of Guelph
Teaching, research and advisor
in bio-engineering
Guelph

- 15 years on Council; three times President
- Interim Registrar and CEO, 1997-1998
- Member, numerous committees, including Finance and Discipline
- Chair, Galt-Guelph (now Grand River) Chapter
- Long-standing member of PEO

- BSA, University of Toronto
- M.S., Michigan State College
- Ph.D., Michigan State University

- First president of CSPE
- OSPE Director, four years
- CCPE Director, six years

Awards and Distinctions

- Dr. Honoris Causa from Agricultural Univ., Lublin
- CCPE Meritorious Service Award for Professional Service
- Fellow, AAAS, CSBE, ASABE
- Member, University of Guelph Senate, 10 years

Community Service

- Member, Guelph City Council, six years
- Member, St. Joseph Hospital Board, three years
- Member, Guelph Planning Board, 15 years; Chair, six years
- Member, Guelph Committee of Adjustment, three years
- Technical Papers: 150+; supervised over 60 M.S. and Ph.D. candidates



Councillors have expressed their concerns to me regarding employment opportunities, enforcement, government relations, PEO spending, and the upcoming fee increase.

It is appalling that Bill 124 (building code legislation) went through without any committee meetings and no questions asked at third reading. We must be more proactive with MPPs and the Ontario government; the teachers' federation and the OMA would have lobbied and protested vigorously.

Over six years, spending increased from \$9M to \$16M/yr., seriously depleting our reserves but achieving poor results on key problems.

Spending must be brought under control. Currently \$5M is earmarked over the next five years for strategic plan initiatives. Many Councillors believe that this is an excessive amount. Do we need a fee increase at this time, or just more judicious spending?

Determining the actual supply/demand status of engineering employment is important. We have indications that only 30-50 per cent of P.Engs actually practise engineering. Compounding this, in 10 years over 100,000 engineers have come to Canada, mainly to Ontario, without engineering job prospects.

We must replenish our reserves and direct more resources toward enforcement. To safeguard the public, **only licensed professional engineers must do engineering work.** This is the same exclusivity of practice enjoyed by the professions of medicine and law. Ontario is the only jurisdiction in Canada with explicit industrial exceptions in its Act. Doctors and lawyers working for industry are still governed by their professional associations. Why not engineers?

I was urged to run again for President-elect because of my background and experience on Council and dealing with government ministries. With like-minded engineers and your support, we'll spend less and do more.

More at www.soc.uoguelph.ca/webfiles/walterbilanski
 Email: walterbilanski@hotmail.com



MONIQUE FRIZE, P.ENG., O.C.
 Professor, Carleton University and
 University of Ottawa
 Ottawa

Degrees

- B.A.Sc. in Electrical Engineering, University of Ottawa, 1966
- Master in Engineering in Medicine at Imperial College, London (UK), 1970
- MBA, University of Moncton, 1986
- Doctorate, Erasmus, Rotterdam, 1989

Employment

- Consultant engineer, Northern Electric, 1966
- Biomedical engineer, hospitals in Montreal and Moncton, 1971-1989
- Full Professor, UNB, 1989-1997; Carleton and Ottawa since 1997

PEO

- Elected Councillor-at-Large, 2002-2004
- Member, Discipline Committee; Equity and Diversity Committee (since 2005)

Registration/other Memberships

- OIQ (Quebec) 1975-1979
- APENB 1979-1997
- PEO since 1997
- Fellow of the Canadian Academy of Engineering
- OSPE
- Senior Member of IEEE
- Officer of the Order of Canada in 1993
- Honorary degrees (Ottawa, York, Lakehead) and a Fellowship (Ryerson)
- Director, Canadian Foundation for Innovation (eight years)
- Intellectual Property Office Advisory Board (three years)

Community Service

- Hundreds of school presentations on engineering careers and mentoring engineering students and EITs

Publications

- Over 130 papers in peer-referred journals and conference proceedings; supervised over 50 students for theses

I feel my background and experience effectively prepare me to serve our profession as President-elect: two years of active service on PEO Council as Councillor-at-Large; 35 years in biomedical engineering; hundreds of presentations to school children (and many parents) about engineering careers; participation on several boards; teaching ethics and professional practice to engineers; and completing an MBA. PEO's Strategic Plan identifies seven priority initiatives and the financial resources to achieve them. I believe this plan is achievable in a reasonable timeframe, while maintaining PEO's current responsibilities. If elected, I will work hard to ensure our profession proactively addresses the challenges brought by globalization, increased competition and deterioration of the environment. With the help of a united Council, I will address the following:

- increase public confidence in PEO as a regulator and the perception of the value to society of holding a licence or Certificate of Authorization where engineering principles are at work;
- integrate emerging fields of engineering into the profession as they mature;
- liaise with government to increase its understanding and support of PEO's responsibility for the self-regulation of our profession;
- continue to improve Council's effectiveness in determining policy and in its decision-making role;
- continue to develop a collaborative relationship with related organizations such as CCPE, OSPE, and CODE;
- communicate effectively with engineering students to ensure they understand the benefits and importance of joining PEO as EITs upon graduation and earning a licence to practise;
- work with other stakeholders to address decreasing enrolments in engineering programs and set guidelines on professional practice courses to ensure students become ethical professional engineers.

Please participate in governing our profession by voting in the upcoming election.



R. ANTHONY WARNER, P.ENG.
 Consulting Engineer
 President, Virtual Engineers
 Markham

For over 25 years, Anthony has earned the respect and trust of engineers, business owners, corporate executives and entrepreneurs across North America.

He has interviewed over 1000 engineers and heard their views and concerns.

Licensed since 1992 and engaged with chapters 1997, elected Regional Councillor 2000, Vice Chair Discipline. His contributions to the profession have been writing the Discipline Committee Handbook and creating OSPE. He practises as a consulting engineer and was a director for Rotary and of a Montreal professional business association. He received a Quebec Ministry of Industry award for the economic development of Quebec and recently Profit100 award. Engineering positions were with Alcan, Lavalin, Raytheon, CH2M and Virtual Engineers™.

Education includes an M.Sc. from a joint M.Sc./MBA program, Columbia University, 1985, and a B.Sc. Chemical, UWI, 1980. Fellowships from the OAS and Alcan. His passion: management and models of engineering business process. Favourite book: *Capitalism and Freedom*.

New Infrastructure for a Radically Changing Profession—The Modern Approach

Anthony is committed to seizing opportunities and generating and supporting ideas leading toward re-engineering PEO by stimulating the development and implementation of PEO's long-range plans. This is required to keep PEO at the leading edge of technology. By embracing and capitalizing on changes, he plans to develop strategic partnerships and innovative financial solutions to members' problems, while protecting the public.

Our scope of governance has changed while still using old methods. Today, we have instant information and over a million times more information available through websites, yet our engineers still need more information. We have to manage by keeping up with modern strategies.

Bill 124 is an example where PEO has a difficult job using the old methods to solve a current issue; by the time Council gets an understanding of the problem, the solution has eluded us and we must bear the consequences.

We need a modern approach to restructure the way Council works, to get tactics that will help us react to the changing profession. We are changing radically and drastically in the ways we handle information, do our work, communicate and obtain information.

PEO is one of the best run, powerful and honourable organizations of its kind. It is recognized all over the world as one of the most sophisticated self-governing bodies. However, the processes that we use to govern must be changed, so that we can respond to your needs on short notice and effectively.

To better manage the changing PEO and your professional life, vote for Anthony Warner, P.Eng.



KENNETH G. LOPEZ, P.ENG.
Manager of Design and Construction
(Retired)
Transport Canada/Public Works Canada
(Aviation)
Toronto

Education

- B.A.Sc., 1955, M.A.Sc., 1959, Civil, Toronto
- Vice President, Engineering Class of '55

Career

- 30 years design and construction management of multi-million-dollar airport facilities

PEO

- Nominated, President-elect (2005-2006)
- Vice President, elected (2004-2005)
- Member, Executive Committee (2004-2005)
- Executive, Toronto-Humber Chapter (1974-1990), Chair (2003-2005), Past Chair (2005-2006)
- Finance Committee (2000-present)
- Governance Task Force (2002-2004)
- Strategic Planning Steering Group (2000-2002)
- Nominating Committee (2000)
- Lieutenant Governor Appointee (1999-2002)
- Discipline Committee (1999-present)
- Member, Foundation for Education (1999-present), Vice-President (2001-2002, 2005-2006)
- PEO Registration (1956)

Affiliations

- Member, Ontario Society of Professional Engineers
- Member, Engineers for Engineers

Honours/Awards

- Governor General's Commemorative Medal
- Premier of Ontario Commendation
- Certificate and Letter of Appreciation, PEO
- Certificate of Appreciation, Toronto and Region Conservation Authority
- Award of Appreciation, Stothers Centre for Children and Families
- Certificate of Appreciation, Ontario Trillium Foundation

Community Service

- Public Trustee, Etobicoke Board of Education
- Vice-Chairman, Etobicoke Property Standards Committee
- Past President, Etobicoke Ratepayers
- Past Master, Mizpah 572 Masonic Lodge

PEO must be prepared for the future as a regulatory body. This future must clearly reflect and address the critical concerns and interests of the public, the profession and its valued membership.

Properly directed and managed, change translates into opportunity. PEO must actively embrace, direct and manage this continuing evolution, directing it toward the overriding future needs of all its stakeholders.

Issues and challenges

1. I will fervently support any action to have Bill 124/BRRAG revoked.
2. Professional engineers have a responsibility to speak out on issues that impact the public, such as the environment, energy, clean and safe water supply, infrastructure, etc.
3. PEO needs to proactively enforce compliance with the Ontario legislation to find and weed out illegals.
4. Support implementation of the PEO Strategic Plan as an investment that enhances the value of the PEO licence.
5. Improve the PEO licensing rate of 17 per cent of new graduates (the lowest in Canada), to 22 per cent by the end of 2006, 27 per cent by the end of 2007, etc.
6. PEO must collaborate with the Ontario Society of Professional Engineers (OSPE) to ensure the industrial exception clause in the *Professional Engineers Act* is revoked.
7. Ensure chapters play an important role in policy generation and the strategic planning process.
8. Develop and nurture our relationships with the Canadian Council of Professional Engineers and OSPE.

Having served on PEO Council as your Vice President, I possess first hand experience, knowledge and understanding of the office to represent you with integrity, confidence and commitment of time and thought.

For more information, visit www.kenlopez.ca, call 416-244-7156, or email me at kenlopez@rogers.com.



DAVID C. ROBINSON, P.ENG.
Retired Municipal Engineer
North Bay

Education

- B.Sc. (Civil), Queen's, 1965
- Dip. Pub. Admin., Western

Employment

- North Bay Municipal Engineering/Works, 1967-1995
- Ontario Department of Transport, Traffic Engineer, 1965-1967
- Canadore College, Instructor, 1996-2001

PEO

- P.Eng., 1968
- Member, Order of Honour, 2003
- Northern Region Councillor, 2004-present: RCC, Discipline and Awards committees; Strategic Planning and Chapters Forum 2004
- North Bay Chapter Executive, 10 years: Chair 1972, 2001-2003; Engineers' Day, Science Fair, Golf Tournament committees; "The Calling" champion

Professional Affiliations

- Ontario Society of Professional Engineers
- Municipal Engineers Association: Executive, eight years, (President, 1992-1993); MOE, MNR, CEO Liaison committees; Housing (Parking) Transit (Land Use Planning) Workshop committees

Community

- Planning Advisory Committee, six years
- Committee of Adjustment, one year
- Ringette (WFRA) Coach, Referee, Executive (President); Provincial "A" Championships, Chair; ORA Regional Coordinator Officials, two years
- Ontario Winter Games: Host Committee, 1976; Ringette coordinator, 1987
- Golf: City of North Bay Tournament organizer, 25 years; Osprey Links Golf Club, Mature Men's, six years

Professional Engineers Ontario has made fundamental changes in the way it does business and delivers service. Decisions are by consensus after thorough consideration of alternatives. The five-year Strategic Plan adopted unanimously by Council affords PEO the opportunity to establish a foundation to become a world class regulator.

As a young engineer, I was very fortunate to have a chapter with dedicated, progressive professional engineers. The team building and leadership skills nurtured in the chapter assisted me through my career and involvement in professional organizations and community service.

Volunteers, assisted by a dedicated staff, play an integral role in how PEO discharges its mandated responsibility. Volunteerism requires significant commitment of time. We need to work toward optimizing volunteer effectiveness so that individuals can commit with the support of their employers and others affected.

PEO is at the threshold of acceptance as a partner in serving the public interest. The specialist identification for licensed engineers competent in code compliance will assist the public in understanding the role of professional engineers. Networking with advocacy organizations and learned societies allows PEO to be on top of pending change and become more effective partnering with the government to serve the public.

The planned increase to membership fees is nominal. It offsets inflation and the increased complexity of the regulatory environment, while providing funds to pursue other priorities. The Strategic Plan contains initiatives that strengthen the licence and add value to designations. The expanded role of committees, particularly in developing performance criteria, will benefit the public and the profession.

It is time to move forward. I am willing to commit to the responsibilities. I solicit your support.



PAUL BALLANTYNE, P.ENG.,
Nuclear Safety Engineer, Atomic
Energy of Canada Ltd.
Chalk River Laboratories (CRL)
Chalk River

Education

- B.A.Sc. (Electrical), University of Toronto, 1973
- BEd. (Math and Physics), University of Toronto, 1977

Employment

- 1982-present, Nuclear Safety Engineer, AECL, Chalk River, Ontario
- 1978-1982, Reactor Shift Engineer, AECL, CRL, NRU Reactor Branch
- 1977-1978, High School Teacher, Fellowes High School, Pembroke, Ontario
- 1976, Electrical Engineer, SNC/GECO Ltd., Toronto
- 1973-1976, Electrical Engineer, Shawinigan Engineering Ontario Ltd., Toronto
- 1973, Product Engineer, Amalgamated Electric Limited, Markham, Ontario

PEO

- Licensed with PEO, 1975
- Algonquin Chapter Executive, 1985 to present
- Advisory Committee on Volunteers (ACV), 2004 to present
- Evolution of Engineering Admissions Task Force (E A), 2000-2004
- Communications Committee, 1999-2003 (Website Subcommittee Chair)
- Member of Order of Honour, 2003

Community Service

- ValleyNet (Renfrew County) Inc., Pembroke, Ontario—a local freenet—1995-2002: charter member, Board of Directors, Training Officer, Member-at-Large and two years as President.

I am asking for your support to give me the opportunity to work for our Eastern Region, to continue to develop effective interactions within the region and with the Toronto office. There are many changes coming up, as we spend a lot of members' fees to implement some key parts of START II and the Strategic Plan. Let's keep these developments on track using good engineering common sense. Increased relevance of the profession and stronger communication with government, public, employers and users of engineering services will automatically strengthen the interest of engineers in PEO and increase their participation in the profession, and will automatically promote involvement in chapter activities.

I have spent many years working at the chapter level in the Algonquin Chapter. From my first days as Secretary in 1985, I have taken on many of the roles of the chapter operation, including four years as Chair. Many past and current Eastern Region Chapter Executives are familiar with my efforts and dedication to PEO and chapter activities.

It has always been a challenge to develop interesting programs that attract our members to attend events, and even more difficult to find new Executive members. We are all working to achieve the objectives of PEO and the engineering profession in Ontario, but sometimes we need more help from the association.

I am looking forward to continuing my efforts at the chapter, region, and provincial levels. Please consider giving me a chance to work further with you as your Councillor for our region and for our profession.



CLIFFORD L. KNOX, MBA, P.ENG.
Project Operations Engineer
Hispano-Suiza Canada
Peterborough

Education

- MBA, Athabasca University—Centre for Innovative Management, 2001
- B.A.Sc., Electrical Engineering with Physics Option, University of Waterloo, 1991

Employment

- Hispano-Suiza Canada, Peterborough, ON: Manufacturing Manager
- SCI Brockville Corp. (Brock Telecom Ltd.), Brockville, ON: Regional Commodity Manager—Magnetics, Crystals and Power; Manufacturing Manager; Technical Services Representative (Test Engineer)

PEO Activities

- Eastern Region Councillor, April 2004-present
- Complaints Committee, August 2004-present
- Thousand Islands Chapter: Chair, 2001-2003; Vice-Chair, 2000; Secretary, 1998-1999

Professional Affiliations

- OSPE, member 2001-2005; contributor to Strategic Plan and Advocacy Plan
- Project Management Institute, member 2003-present

Community Service

- St. Lawrence College, Advisory Committee on Electronics Engineering Technology: member 1995-2003, Committee Chair 1998-2003
- Wall Street United Church, Ministry and Personnel Committee: member 1996-1998, Committee Chair 1997

Two years ago I stated that Regional Councillors are the chapters' link to the business of PEO Council, and it's equally true that they are Council's link to the business of chapters. Regional Councillors have an implicit responsibility to ensure that relevant issues are given the necessary attention by the groups they serve.

Ontario's engineering profession is currently threatened by legislation that limits our privilege of self-regulation. PEO's objection to Bill 124 sends a clear message that engineers do not intend to abandon our privilege, but that we are willing to work with the government to develop a solution that satisfies public interest.

Self-regulation is not without cost, and the day-to-day expense of PEO operations continues to rise year after year. As the largest licensing body for any profession in Canada, PEO is looked to for leadership in all regulatory activities. It is difficult to show leadership when every initiative is subject to budgetary restraints. Some members feel that PEO's licence renewal fees are too high. The reality is that our fees are a bargain when compared to the renewal fees in other provinces, or with other professions in Ontario. The P.Eng. title and the privilege of self-regulation are too valuable to be put at risk by restricting its primary revenues.

These issues are important to me, and I trust that they are important to the engineers of the Eastern Region. It would be my privilege to serve as your Councillor for another term. Thank you for your support.



MÁRTA ECSEDI, P.ENG.
 Director Alumni Relations and Advisory
 to the Dean on Women's Issues
 Faculty of Applied Science and Engineering
 University of Toronto
 Toronto

Education

- B.A.Sc. (Civil Engineering) 1976
- PEO Registration: 1978 Civil Engineering

Career

- Call-NET/NorthPoint Canada, Director, Program Office, June 2000-March 2001
- Clearnet Inc., Director, Project Control, March 1999-May 2000
- AURA Management Consultants, Principal, October 1997-April 2001
- BELL CANADA, 1976-1997: August 1996-June 1997, General Manager, Advanced Communications Systems; December 1994-July 1996, Associate Director, Strategic Planning; June 1976-July 1996, various positions in Network Operations, Human Resources and Finance

PEO Activities

- Chair, Equity and Diversity Committee, 2004-present
- Chair, Professional Engineers Awards, 2000-2005
- Member, Professional Engineers Awards, 1995-present
- Chair, Annual Conference Committee, 1994-1996
- Member, Annual Conference Committee, 1993-1996
- Member, Editorial Board (Communications), 1991-1993
- Member, Experience Requirements Committee, 1991-1995
- Chair, Women in Engineering Advisory Committee, 1988-1991

Boards and Committees

- Member, OSPE Women in Engineering Advisory Committee, 2004-present
- Chair, Haverlag College Property Committee, 2001-2005
- Member, HC Property, 1994-2005
- Governor, HC Board of Governors, 1999-2005
- Chair, Women in Motion Board, 1998-2004



I want to thank the Nominating Committee for asking me to run for Councillor-at-Large.

The timing was perfect as I had just finished my terms on two other boards. This gives me the opportunity to focus on PEO Council and committees as my volunteer work.

I have followed with concern many of the issues facing PEO. Five of them, in particular, are of interest to me:

- the public's confidence and perception of professional engineers;
- the challenges posed by government to PEO's self-regulating status;
- the decreasing applications to engineering programs;
- the decline in student membership and the engineering internship program, leading to decreasing licensure of graduate engineers; and
- the effectiveness of such a large Council.

I was pleased to see that PEO's Strategic Plan does include these issues. There are many goals and objectives that will address these. I know that many of you have expressed your concerns over these same issues. I plan to represent all of you to the best of my ability with dedication and full participation. I plan to get out to meet as many members as possible by attending Regional Congresses. There I hope to hear your concerns and ideas first hand. Please don't hesitate to contact me if there is something you'd like to share with me. I want to do the best possible job representing the members at large.

As a member of Council, I will reinforce the objectives set out in the Strategic Plan and work to see them through to completion.



WAGUIH ELMARAGHY, PHD, P.ENG.
 Professor, Industrial and Manufacturing
 Systems Engineering Dept.,
 University of Windsor, Director, Intelligent
 Manufacturing Systems Centre (IMS),
 Windsor

Education

- Ph.D., M.Eng., Mechanical Engineering, McMaster University
- B.Eng., Mechanical Engineering, Cairo University

Employment

- University of Windsor, current position since July 1994; previously Head, Industrial and Manufacturing Engineering Department (1994-1997, 2002-2003)
- Professor, Engineering Science, University of Western Ontario (1986-1994)
- Chief Engineer, DOFASCO

Honours

- University of Windsor Research Award, 2004
- International College for Production Research, 2003
- American Society of Mechanical Engineers, 1997
- Canadian Society for Mechanical Engineering, 1994
- *London Free Press* "People Who Make a Difference Award" 1990
- DOFASCO Patent Awards: 1975, 1976, 1978

Committees

- Academic Requirements Committee, PEO (1989-1994, 1998-present)
- NSERC Strategic Research Grants Selection Committee (2000-2003)
- Canadian Engineering Accreditation Board, Visitor (1993-1995)
- CEQB Curriculum Committee, Chair (1990-1994)
- NSERC Mechanical Engineering Grant Selection Committee (1991-1994)
- Several CSME, ASME, SME and CIRP-sponsored Conference Committees (1984-2005)
- Vice-Chair, Human Factors and Education WG, CIRP

Publications

- author: 150+ publications, 100+ industry reports, several patents
- co-editor: five books
- editor: *International Journal of Complexity*, *Journal of Collaborative Engineering*



I am one of the longest serving members of the Academic Requirements Committee (ARC) of Professional Engineers Ontario. This has been, together with my other professional volunteer service with CEAB, CEQB, etc., most important.

I agree with the Strategic Plan that states: "PEO needs to better protect the public by maximizing, exercising, and evaluating its regulatory powers already provided for under the *Professional Engineers Act*." PEO Council needs to implement this and to communicate more effectively with its stakeholders. PEO Council needs also to be more effective and efficient in empowering the chapters to protect the public health and safety.

With increased government pressure for access to the profession, PEO Council, working with the Academic Requirements and Experience Requirements committees to implement fair and speedy admission processes that satisfy fairness simultaneously with the protection of the public. We all need to emphasize the PEO mandate to regulate the practice of professional engineering so that the public interest is served and protected.

PEO needs to ensure that its processes and programs are adequately resourced, effective and aligned with its regulatory obligations, while keeping a check on membership fees.

I look forward for your support in order to serve and represent you well on PEO Council.



PAPPUR N. SHANKAR, P.ENG.
Sr. Project Controls Manager, SL Nuclear
Mississauga

Education

- Mechanical Engineering, Bangalore University, India, 1972
- MS graduate courses, Universities of Manitoba, Calgary, 1974, 1976

Employment

- Senior Project Controls Manager, SL Nuclear, Bruce SG Replacement Project
- Project Manager, HydroOne, OPG, 1998-2005
- Project Management: Babcock Wilcox (Indonesia), Babcock Engineering UK, Cameco, AECL, 1993-1998 (Canada and internationally)
- Project Engineer, Ontario Hydro, 1987-1993
- Senior Project Controls Engineer: Suncor and ESSO Chemical, 1981-1987
- Project Engineer and Senior Cost Engineer: MW Kellogg, Esso Calgary, 1975-1987

PEO

- Member, 1992
- Executive, Mississauga Chapter: Science Fair Judge; Chair, Presentation Ceremony; Engineering Week presentation to grades 7 and 8, "What it Takes to be an Engineer"

Other Professional Affiliations

- Co-founder, Past President, PMI Lakeshore Chapter
- Past President, Kannada Sangha, non-profit community organization
- Past Executive, India Associations of Calgary, Sarnia
- Member, Indo-Canada Chamber of Commerce
- Ontario Government Community Service Award
- Project management seminars for developing countries since 1993
- Conducted one-day Seminar, "Leaders of Tomorrow," May 2005, for teenagers, www.soar2005.com



Since joining the Mississauga Executive Chapter in 2003, I have learned the real problems facing engineers. I want to focus on:

- PEO supporting a reduction in liability insurance fees;
- examining why there is no encouraging response to OSPE;
- fighting future bills like Bill 124 to ensure PEO's authority is not legislated by politicians so the public interest is protected;
- setting up leadership and project management seminars, so members are well trained to manage their projects;
- getting a suitable place in downtown Toronto for PEO's headquarters;
- working with other Councillors and chapter executives to strengthen communication;
- working with OSPE to have one chapter member in its committees;
- assisting PEO/OSPE/government in getting employment or training for surplus engineers.

If elected, I will work with due diligence with PEO Council, CCPE and OSPE, toward gaining greater recognition for professional engineers. Other areas are improving direct communication among members, and exploring ways of increasing members' involvement and implementing their ideas. My experience in dealing with professionals throughout Ontario and Canada will be an asset for PEO.

I have enjoyed a successful career, thanks in part to my engineering education. The engineering profession is not well understood, so engineers' knowledge is not well utilized at a policy level. I am particularly interested in ensuring young people, including women, keep their options for postsecondary study open, so they will consider engineering an appealing and meaningful career choice. I have spoken to many teenagers on this topic, and mentored many new immigrants.

I trust you support my commitment to the betterment of engineers. Thank you for your vote of confidence. If you have questions, please call me at 416-528-3297 between 5:00-9:00 p.m.



GREGORY P. WOWCHUK, P.ENG.
President, Wheatfield Instrument
Corporation Ltd.
Toronto

Education

- Diploma in Electrical Technology (Controls), Ryerson Polytechnical Institute (1979)
- Honours B.A.Sc., in Electrical Engineering, University of Windsor (1983)
- University courses in effective writing and psychology
- Black belt in karate (1999)
- Registered P.Eng. since 1987

Experience

- Extensive experience in (provincial) party politics (1971-present)
- Director, Students' Union of Ryerson Polytechnical Institute (Communications portfolio) (1977-1979)
- Ontario Engineering Design Competition, second prize (1982)
- President, Wheatfield Instrument Corporation Ltd. (1986-present)
- Founding member, Engineers for Engineers; co-editor *Our Profession* (1997-2000)
- Provincial Returning Officer, Etobicoke-Lakeshore (1998-2000)
- Canadian representative on ISO TC22 committee (Environmental Conditions), ISO/FDIS 16750
- Consultant to Ford Motor Company (2000-present)
- Candidate, Toronto City Council, Ward 6 (2003)
- President, Etobicoke Historical Society (2004-present)

PEO Council, Committees

- Lieutenant Governor-in-Council appointee to Council (1997-2000)
- Chair, Communications Committee (1997-2000)
- Member, Discipline Panel (1999)



In 1997, about two dozen Ontario engineers, reacting to Council's attempts to impose the much-despised "Licensing Model," founded Engineers for Engineers. We decided to get political: We elected a majority of like-minded members to Council, and made dramatic changes, including the creation of a new advocacy organization, OSPE.

Our mistake was in leaving the job undone. We established the beach-head, moved our people ashore, then stopped, assuming we had won the war. Successive Councils seem to have lost their way, and during this period of weakness, the Ontario government, via Bill 124, launched the greatest assault ever on our authority to self-regulate.

In 1997, the threat to our profession came from within. Now, it comes from the government. Make no mistake: This is far more serious, and indicates how badly we have slipped into obscurity. All power and authority PEO has springs from the Ontario government. Without that power, we are irrelevant.

I have 35 years of political experience to apply to the task ahead. When I ran for Toronto City Council two years ago, my platform included infrastructure and engineering issues. We must put our profession on governments'—and the public's—radar screens, or perish.

I want:

- value for members' dues;
- direct liaison with government, working together on our problems;
- absolute self-regulation;
- aggressive action against interlopers to our profession;
- training of new Councillors in the art of politics;
- a leaner and more effective Council and PEO staff; and
- no fee increase, and better use of PEO dues.

I have the experience to make change happen, but I can't do it alone. I will be your voice on Council. For further information, please visit www.eng4eng.ca.



MARK J. BRYs, P.ENG.
Principal, M. Brys Engineering
Barrie

Education

- M.Sc. (Electrical), Lodz Technical University, Poland, 1978
- M.B.A., Lodz University, Poland, 1985

Employment

- M. Brys Engineering, Barrie, Principal, 2002-present
- Pratt & Whitney Canada, Mississauga, Senior Lead Engineer, 2000-2001
- F&P Mfg., Tottenham, Electrical Engineer, 1999-2000
- AG Simpson, Oakville, Electrical Engineer, 1997-1999
- Niagara College, Welland, Professor, 1995-1997
- Mohawk College, Hamilton, Professor, 1993-1995
- Ferranti-Packard Transformers, St. Catharines, Manufacturing Engineer, 1991-1993
- ABB/ELTA Transformers, Lodz, 1978-1988

PEO Activities

- Chair, Simcoe-Muskoka Chapter, 2003-2005
- Vice Chair, Simcoe-Muskoka Chapter, 1999-2003

Professional Affiliations

- Ontario Society of Professional Engineers (OSPE), Member
- Institute of Electrical and Electronic Engineers (IEEE), Member

Community Service

- City of Barrie Economic Development Advisory Committee, 2003-present



If I am elected Regional Councillor, I will be pleased to address the challenges confronting our members and our profession.

PEO shall focus its effort on resolving the industrial exemptions. Cost cutting measures reduce the demand for professional engineers within most manufacturing businesses today. Process and product design is not necessarily conducted by a professional engineer, or under his/her supervision. Therefore, verification and validation of processes or products may raise some concerns with respect to public safety.

PEO shall focus its effort on enforcing the *Professional Engineers Act*. With really few exceptions, most holders of diplomas in technology use the title of "engineer." The public may not necessarily have a clear understanding of what the Act says, but PEO shall take more straightforward action to stop inappropriate usage of "engineer" in job titles/descriptions.

PEO shall focus its effort on increasing value of the membership. The profession really struggles with member participation because members do not see the advantage of participating. PEO, with the cooperation of OSPE, shall develop a diversity of programs such that every member can find something of value to participate in.

Finally, if I am elected Regional Councillor, I will continue to dedicate the time and effort to enhance the values of P.Eng., its designation, and globalization.

I would appreciate your vote.



THOMAS CHONG, P.ENG.
Senior Systems Lead
Ministry of Health and
Long-Term Care, Ontario
Toronto

Education

- M.Sc., Mechanical Engineering, University of Strathclyde, Glasgow, Scotland, 1973

Awards

- 2002, Community Services Award, House of Commons, Canada
- 2005, Gold and Championship Awards, Richmond Hill and ATI Dragon Boat Regattas

Community Services

- Executive Director, Legal Aid Ontario, Specialty Clinic, 2004-present
- Treasurer, Grand Master Dragon Boat Club, Ontario government, 2001-present
- Executive Director, Chinese Family and Health Cooperative, 2001-2003

PEO Activities

- 2000-present: Executive Director and Communications Committee Director, PEO York Chapter
- 2005-present: a PEO spokesperson to Ontario government

Employment

- 1987-present: Senior Systems Lead, Ministry of Health and Long-Term Care, Ontario
- 1982-1987: Project Lead, Revenue Canada
- 1976-1982: Corporate Manager, Industrial Engineering, Northern Telecom, Canada
- 1973-1976: Industrial Engineer, Hoover Ltd., London, England

Professional Registration

- Professional Engineer, Ontario, 1976
- Chartered Engineer, Britain, 1974
- Senior Member, American Institute of Industrial Engineers, 1977

Published Research

- "Effective Use of Learning Curves," *MTM Association Research Journal*, 1981
- *Group Technology for Manufacturing Industries*, University of Strathclyde, 1973

◆◆◆
Professional engineers have long been regarded as the "silent profession" because engineers rarely speak up for themselves. I believe PEO needs to raise public confidence in the **value of our licence**, and be proactive in fighting against external certification imposed by legislation: Brownfields/BRRAG/Bill 124.

PEO must recognize the achievement of our chapters as the key to its success. I have a vision that builds a better PEO by strengthening the chapter system and focusing on individual members. START/START II proved great ideas can come from the grassroots. It is vital to create a **stronger chapter system** for meeting your needs and priorities.

As your new Councillor, I will bring fresh ideas to the table. I will fight for your issues, and give you a **stronger voice in PEO**. I am proactive in actions and innovative in approach. I improved my chapter communications, resulting in over 30 per cent cost savings. I am a PEO spokesperson to the government. I enjoy a challenge and have the stamina and personality to provide leadership and represent your chapters. My platform:

- improve chapter funding, and transparency of funding model;
- increase use of pooled resources by joint events/community outreach amongst our chapters;
- lobby for your cause through government, communities and industries, and speak out for your interests and diversity;
- promote better education/student programs to increase the capture rate for young engineers/EITs;
- lead by example: demonstrating professional integrity and competence in managing chapter affairs;
- improve liaisons between PEO, chapters and OSPE;
- fight against Brownfields/BRRAG/Bill 124 legislation, which threaten PEO's self-regulating authority;
- coach internationally trained engineers to acquire licence;
- strengthen accountability of Certificate of Authorization.

Elect Thomas Chong for CHANGE!

<http://ca.geocities.com/chongtom/election.html>



SANTOSH K. GUPTA, PHD, P.ENG.
Consultant, (Retired Engineer, HydroOne)
Scarborough

Past Regional Councillor, PEO

Education

- BSc (Eng.) 1961, MEng 1962, PhD (Waterloo) 1974

Employment

- 1981-2000: Ontario Hydro/HydroOne, management and professional engineering positions
- 1978-1981: Rousseau, Sauve, Warren Inc., Montreal, Senior Engineer
- 1986-1989, Principal, RMC Resources Management Consultants Ltd.
- 1963-1978: Consulting Engineer and Professor, Canada, Kenya and India

Professional Registration

- Member, PEO, OSPE, Eng4Eng
- Member, OIQ, 1976-1981
- AMIE (India), 1961-1970

PEO/Chapter Volunteer Service

- Councillor, East Central Region, 2003-2005
- Experience Requirements Committee
- Discipline Committee
- Scarborough Chapter: Director-PEO and OSPE Liaison, Certificate Presentation Committee
- Executive Secretary, Council of Ontario Deans of Engineering
- Member, CEAB accreditation teams: Ottawa, Carleton, Ryerson, Windsor and McMaster universities.

Boards and Committees

- Society of Energy Professionals, 1996-2000
- Association of Employees for Employment Equity, 1986-2000
- Ottawa River Regulation Planning Board, 1983-1987
- Ottawa River Operating Committee, 1983-1986
- Flood Risk Management Task Force, Ottawa River, 1986-1988
- Operations Advisory Group, St. Lawrence River, 1983-1985



I will be honoured to serve as your Regional Councillor. I solicit your support. My pledge to you is summarized below.

I shall work with you to:

- improve funding for chapters;
- enhance your interaction with Council;
- push for demand-side legislation to prevent needless duplications of PEO responsibilities. Improve communications with government and politicians;
- enhance the value of the licence and Certificate of Authorization (C of A). I believe only licensed professional engineers should do engineering and assume accountability;
- develop "expert" categories of P.Eng. licence tied to on-going legislation such as BRRAG. Current "one size fits all" model is inadequate;
- tighten PE Act and remove industrial exception;
- help internationally trained engineers to get licensed. Ensure due credit for work experience during EIT and student membership programs towards licensure;
- push for quality-based selection of engineering service providers. Help government and public agencies prevent the damage caused by "low bidding."

Please vote for me. Thanks.

For more information visit:

<http://ca.geocities.com/elect.santosh.gupta@rogers.com>. Contact information: 416-299-1806 or santosh.gupta@rogers.com.



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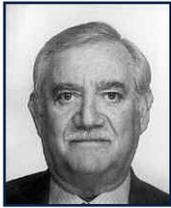
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ALBERTO DE-SANTIS, P.ENG.
Senior Engineer—Power Systems Operations
and Training,
Independent Electricity Systems Operator
Toronto

- Electrical Engineer, Central University, Venezuela, 1965
- Master of Education (Organization Development), University of Toronto, 1996

Professional Activities

1965-1982, Offshore:

- Senior engineer/Manager, power utility and aluminum reduction plant
- Operations Manager, new Caracas subway line

1983 to date, Ontario Hydro and successor company IESO:

- Senior Engineer—Power Systems Operations and Training
- Senior Organization Consultant
- Wholesale Metering

A member of PEO since 1984

- Academic Requirements Committee
- 1992 Task Force on Admissions
- Admissions, Complaints, Discipline and Enforcement Task Force
- EEA Committee
- Engineers for Engineers
- Committee to create OSPE

Community Service

- Adult leader in Scouting
- Volunteer work with community agencies

I have decided to run in this election to help restore Council's authority and role as defined by the Act: Council must make PEO and its staff truly accountable and incorporate PEO members in the process of SELF-GOVERNING our profession.

- PEO allowed Bill 124 to be passed, one that equates knowledge of the Building Code with the ability to design and opens the door for governments to regulate not only construction engineering but all other disciplines. As a result, late, heroic and costly efforts will have to be made, merely seeking to palliate the damage.
- You will be asked to approve a fee increase to pay for a Strategic Plan and a \$16 million budget.
- I am against a fee increase until PEO can demonstrate the added value of a budget that serves the public and the profession.
- I cannot support the continued use of our seriously depleted and *clearly labeled* Reserve funds to finance a mundane, inward looking Strategic Plan.
- Engineering is known as one of the grand professions, with an advocacy role to play on behalf of the public that PEO is not fulfilling. The public will benefit from our profession's input on government policy for crucial matters such as education, energy, transportation and housing. Now more than ever, PEO needs your direction. With your support

I will strive to:

- promote sound, visionary leadership;
- re-focus PEO's priorities to reflect an advocacy role within the legislated mandate;
- incorporate chapter functions into PEO's regulatory purview;
- rein in the costs of running PEO;
- prevent changes to legislation allowing fee increases without consulting PEO members;
- make PEO accountable to YOU, its major stakeholder.



COLIN T. MOORE, P.ENG.
Retired,
Mississauga

Education

- B.Sc. (Eng), London University, 1963, Mechanical Engineering

Employment History

- 1975-2002: worked for Ontario Hydro, now Ontario Power Generation, in a variety of engineering and management functions, both in head office and at a number of power stations
- 1963-1975: worked in manufacturing, R&D and design for an equipment manufacturer in England

PEO Activities

- Registered professional engineer, 1975
- 22 years on the Mississauga Chapter Executive, 1983-present
- Chapter Chair, 1984-1986, and all chapter officer positions
- PEO Professional Development Committee, 1986-1996
- PEO AGM Committee, 1995
- West Central Region Councillor, 2002-present
- Chair, Professional Practice (now Standards) Committee, 2002-present
- Chair, West Central Region Nominating Committee, 2003, 2005
- Discipline Committee, 2002-present
- Regional Councillors Committee, 2002-present
- Chair, Chapter Leaders Conference, 2003
- Project Council Champion, Creation of Performance Standards, 2005
- President and Council of APEO commendation for personal contributions to the Profession, 1988
- Member, Order of Honour, 1996

PEO has initiated a Strategic Plan to improve its performance in important areas. I am concerned with the associated costs and will continue to try to control them.

I support the current initiatives in improving the Government Relations program. I am actively working on one facet that will establish performance standards associated with Acts and Regulations intended to help us to strengthen our resistance to future incursions into PEO's regulatory mandate, as in Bill 124. I have expressed reservations about the recent approval of a Memorandum of Understanding that is intended to resolve the dispute regarding Bill 124, because it may be used as a precedent for expanding specialization for engineers thereby restricting their right to practise in new areas. I believe that the *Professional Engineers Act* with its Code of Ethics and discipline process can provide the necessary assurance of public safety without introducing a new system together with its infrastructure and costs.

I will support the initiation of a proactive enforcement process, which is currently being costed, as this is a better way of providing the public assurance, and indirectly will add to the value of the P.Eng. licence.

I will continue to work on Discipline panels, which do a good, important job.

I support the purchase of a building to house the head office when the current lease is terminated. It should lead to long-term cost savings, but it will cause a significant short-term depletion of the reserve fund.

I remain a strong supporter of the chapter system, which involves members in PEO's activities and provides a communication means to Council.