



Association of Professional Engineers and
Geoscientists of the Province of Manitoba

2013
Platforms and Histories
and the
Professional Activities
of the Engineering Nominees
For Election
to the Council

RAMON C. CAIRO, P.Eng.

EDUCATION	B. Sc. Civil Engineering, Divine Word University, 1986 Diploma in Project Management, Red River College, 2009
ASSOCIATION ACTIVITIES	Member, APEGM 2008 to present Immediate-Past President, APEGM Filipino Members Chapter
OTHER ENGINEERING ACTIVITIES	Member, American Society of Civil Engineers, 1999 to present Professional Engineer, Alberta, 2008 to present Professional Engineer, Saskatchewan, 2008 to present License Civil Engineer, The Philippines, 1987 to present Member, The Canadian Society for Civil Engineering 2008 to present Member, Structural Engineering Institute, USA, 2004 to present
EMPLOYERS SINCE GRADUATION	PTC Construction Ltd. Director of Engineering & Construction, 2007 to present City of Winnipeg, Structural Plan Examiner, 2006 to 2007 FWS Construction Ltd. Structural Designer, 2005 to 2006 NPEI Construction Inc. USA, Project Manager/Structural Engineer, 1994 to 2004 Al Haramain Company, Saudi Arabia, Bridge Engineer, 1991 to 1994 Unimasters Conglomeration Inc., Philippines, Structural Engineer, 1989 to 1991 Philippine Department of Public Works & Highways, Civil Engineer, 1988 to 1989 Tacloban City Engineer's Office, Philippines, Project Inspector, 1987 to 1988
PLATFORM	As an APEGM Councillor, I will promote and endeavour the following: Manitoba Tax Credit: Advocate thru the Manitoba Legislative Assembly to pass a law that will allow tax credit for expenses incurred in Continuing Professional Development program and activities, including membership in learned societies. Compliance Committee: Creation of Compliance Committee that can help professional members and companies comply pro-actively the APEGM Law. APEGM Chapters: Encourage formation of more members chapters based on cultural background and geographical location. These chapters can provide opportunities for members to be actively involved in association activities. International Graduates: Improve the process for admitting international engineering graduates by setting a fair and transparent system without lowering the current standard of admission. Advocate adopting uniform admission policies nationwide thru Engineers Canada.

JONATHAN EPP, P.Eng.

EDUCATION	B. Sc. Computer Engineering, University of Manitoba, 2004
ASSOCIATION ACTIVITIES	Professional Engineer, APEGM, 2008 to present Member, APEGM Public Awareness Committee, 2006 to 2009
OTHER ENGINEERING ACTIVITIES	Received Association of Consulting Engineering Companies - Manitoba Rising Star Award, 2012 ACEC-MB Image Committee, 2008 to present <i>Past Chair, helped launch mentorship program, led initiatives that included complete Manitoba chapter rebranding, and launch of annual publication and new website.</i> Various talks on engineering given to high school students, 2006 to present <i>Representing APEGM (at IMAX), Engineering Innovation Challenge (at Rotary Career Symposium), and Teshmont/ACEC-MB (at various high schools by request)</i> IEEE Women in Engineering Executive Committee, 2005 to 2006 <i>Designed, launched and maintained local chapter website</i> Engineers Without Borders, Student Chapter, 2004
EMPLOYERS SINCE GRADUATION	Teshmont Consultants, 2004 to present, current position Senior Engineer
PLATFORM	Recently I have noticed the unfortunate trend that an increasing number of engineers (especially young engineers) are dissatisfied or uninterested in the value APEGM provides to them. I believe it is important (and possible) to reverse this perception. As an APEGM Councillor, I will attempt to address this issue in two ways: <ol style="list-style-type: none">1) Communicate Existing Benefits - I believe APEGM does bring value to its members and that value can be better communicated.2) Create Additional Benefits - I believe that APEGM has opportunities to provide more value and develop further efficiencies in the way that it brings value.

WARREN GENDZELEVICH, P.Eng., PMP

EDUCATION	B.Sc. Geological Engineering, University of Manitoba, 1987 PMP, Project Management Institute, 2011
ASSOCIATION ACTIVITIES	Professional Engineer, APEGM, 1990 to present
OTHER ENGINEERING ACTIVITIES	Canadian Geotechnical Society, Past President, Manitoba Chapter Association of Consulting Engineers (Manitoba), Past Chairman of Water and Environment Committee and currently on the Energy Committee
EMPLOYERS SINCE GRADUATION	Hatch Ltd., Project Manager, 2004 to present Acres International Ltd., Project Engineer, 1998 to 2004 Wardrop Engineering, Project Engineer, 1991 to 1998 Acres International Ltd., Geotechnical Engineer, 1988 to 1991 Explotech, Inspector, 1988 Manitoba Hydro, EIT, 1987
PLATFORM	As a member of APEGM Council, I will endeavor to: <ul style="list-style-type: none">• Promote the involvement and participation of our young professionals in the APEGM. Our young professionals bring new ideas and enthusiasm, and they should be encouraged to be active in the APEGM.• Continue to improve and enhance our Continuing Professional Development program. This program began in 2012, and we should encourage feedback on the program in order to ensure it is effective and accountable.• Encourage support and involvement in the APEGM from all sectors, including construction/contracting and manufacturing. The APEGM is well represented by government, consulting, and academic sectors, and we need to encourage feedback/involvement from all sectors to ensure their views are represented.

DAVID GRANT, P.Eng.

EDUCATION	Bachelor of Applied Science, University of Windsor, 1974
ASSOCIATION ACTIVITIES	Professional Engineer, APEGM, 1986 to present Awards Committee, Vice-Chair, 1998 to 2010 Professional Development Committee, Vice -Chair, 2001 to present Emerging Issues Committee, Chair, 2003 to present Communications Committee, 2008 to 2010 Nominating Committee, 2010 to 2012 APEGM judge at Manitoba Schools Science Symposium (MSSS) Provincial Engineering/Geoscience Week volunteer Author of thought-provoking PD luncheon presentations on Kyoto, alternate-energy and wind power costs, and other "emerging issues" topics. APEO member, 1974-1986
OTHER ENGINEERING ACTIVITIES	Served on several ASTM, IEC and CSA Committees, 1986 to present MSSS judge, and Committee member, 1988 to present Manitoba Robot Games volunteer Aboriginal Science Fair judge and volunteer Published papers with SAE and in ASTM Technical publications. Various international materials standards are based on test methods I invented Past President, Mid Canada Section, AOAC
EMPLOYERS SINCE GRADUATION	Chemical / Materials Engineer, Manitoba Hydro, Insulation Engineering & Testing, 1986 to present Process Engineer, Eldorado Nuclear, Allied Chemical, Imperial Oil, and Ethyl Corp., 1974 to 1986
PLATFORM	I created APEGM's award for the young engineer who best advocates in classrooms, for engineering/geosciences. This enhances our image, university recruitment and APEGM's gender balance. CPD must be assessed for cost (your time spent reporting) and benefit. I will lead this. Advocacy Task Force: will transform APEGM and what the public thinks of us. We must move forward; I will help. Only members should perform engineering/geoscience work. I will help APEGM toward this goal. Enhance APEGM's protection of member information. After nearly 50 years of engineering work, I will continue to advocate for it in any way I can.

RANDY HERRMANN, P.Eng.

EDUCATION	B.Sc. Geological Engineering, University of Manitoba, 1988
ASSOCIATION ACTIVITIES	Member, APEGM, 1999 to present Committee member, APEGM Indigenous Peoples' Initiative Committee (IPIC) and Chair, 2005 to present
OTHER ENGINEERING ACTIVITIES	Member, PEO - 1991 to present Member, National Women and Aboriginal Advisory Committee (APEGA) 2010 to 2013
EMPLOYERS SINCE GRADUATION	University of Manitoba, Director, Engineering Access Program - 1998 to present Mnjikaning First Nation, Project Manager - 1996 to 1998 Ogemawahj Tribal Council, Technical Services Advisor - 1995 to 1996 Terraspec, Engineer-in-Training, Geotechnical Engineer - 1988 to 1995
PLATFORM	<p>I believe that the future of the engineering and geoscience professions in Manitoba rests on four pillars:</p> <ul style="list-style-type: none">• Better outreach to the general public• More diversity• An increase in the number of practicing engineers• An increase in the number of practicing engineers joining APEGM <p>As an APEGM Councillor, I will:</p> <ul style="list-style-type: none">• Increase awareness of engineering and geoscience careers to youth.• Use my position in the Faculty of Engineering at the University of Manitoba to maintain and develop communications with the engineers and geoscientists that work there and the students that study there.• Develop a close working relationship with the Women in Science and Engineering (WISE) program, the Internationally Educated Engineers Qualification (IEEQ) program, the Indigenous community and engineering corporations to promote the professions of engineering and geoscience.

H. JASON KUYP, P.Eng.

EDUCATION B.Sc., Computer Engineering, University of Manitoba, 2004

ASSOCIATION Professional Engineer, APEGM, 2010 to present
ACTIVITIES EIT, APEGM, 2006 to 2010

OTHER IEEE Winnipeg Section - Newsletter Editor/Webmaster
ENGINEERING
ACTIVITIES

EMPLOYERS Manitoba Hydro, Senior Modelling Engineer, 2011 to present
SINCE Manitoba Hydro, Professional Engineer, 2005 to 2011
GRADUATION

PLATFORM I believe deeply in engineering as a vital profession, as an engine for progress, commerce, and good in the world. I would be pleased to continue my service to the profession in my capacity as your APEGM Councillor.

Engineers and geoscientists combine technical, economic and ethical considerations to solve problems presented to us. Our decisions can have far-reaching repercussions and represent a responsibility not many outside of our profession fully appreciate. Our ability to self-govern is a privilege that I will do my utmost to protect.

We are also in a unique transition period where a generation of engineers who were involved in developing much of the infrastructure we use today are coming close to retirement. Loss of this knowledge and experience would be a serious detriment to the profession. Proving methods to transfer this wisdom through mentorship and presentations is something I plan to pursue in my time as Councillor.

LESLEY MCFARLANE, P.Eng., MBA, PMP

EDUCATION	MBA (Marketing), University of Manitoba, 2004 B.Sc. Electrical Engineering, University of New Brunswick, 1986 B.Sc. Math/Physics, Mount Alison University, 1984
ASSOCIATION ACTIVITIES	Member, APEGM, 1999 to present Past Chair, APEGM Women's Action Committee Past
OTHER ENGINEERING ACTIVITIES	First registered with APENS, 1998 Past Chair, Winnipeg IEEE Section Past Chair, Women in Engineering Affinity Group, Wpg IEEE Section Senior Member, IEEE Member, Project Management Institute PMP Certified(Project Management Professional) thru PMI Canadian Women in Communications (CWC) Excellence in Leadership Award in the Mentor Category (2009)
EMPLOYERS SINCE GRADUATION	MTS Allstream Inc. - 2001 to present, Current Position - Director, Change Programs Phillips & Temro Industries Ltd, Commodity Manager - 1999 to 2001 Valcom Ltd., Project Manager, - 1996 to 1998 Canadian Armed Forces, Various positions, - 1982 to 1996
PLATFORM	As an APEGM Councillor, I will: <ul style="list-style-type: none">• Ensure APEGM continues to consider the needs of its diverse membership, including unique interests of women• Help APEGM to connect closely with industry, promoting the value of the Professional Engineer designation.• From my experience in implementing operational effectiveness systems, support APEGM in optimizing productivity and usefulness for its members.

OWEN VAN WALLEGHEM, P.Eng.

EDUCATION	Bachelor of Engineering (Mechanical), Carleton University, 2005
ASSOCIATION ACTIVITIES	Professional Engineer, APEGM, 2011 to present Member, APEGM Public Awareness Committee, 2008 to 2011 Author, "Attract, Engage and Develop the Next Generation", APEGM Keystone Professional, Spring 2011
OTHER ENGINEERING ACTIVITIES	Professional Engineer, PEO, 2012 to present Director, ACEC Manitoba Board, 2011 to 2013 Member, ACEC Manitoba Young Professionals Committee, 2010 to present (Chair, 2011 to 2013) Member, ACEC Manitoba Professional Development Committee, 2012 to present Manitoba Rep., ACEC Canada Young Professionals Network, 2011 to 2013 Member, WCS-AWWA Young Professionals Committee, 2012 to present Member, Rotary Career Symposium Engineering Innovation Challenge Committee, 2008 to 2011 Presenter, "The City of Steinbach Wastewater Lagoon Expansion", WCW Conference, 2012 Co-Presenter, "Jar Testing Fundamentals Workshop", MWWA Annual Conference, 2011 Co-Presenter, "Attract, Engage and Develop the Next Generation", WCW Conference, 2011
EMPLOYERS SINCE GRADUATION	AECOM Canada Ltd., Water/Wastewater Engineer, 2006 to present
PLATFORM	As a member of the APEGM Council, I intend to: <ul style="list-style-type: none">• Support APEGM's ongoing efforts to enhance the public's perception of engineers and engineering works in Manitoba.• Continue efforts to encourage the province to implement the changes to the Limitations of Actions Act that were recommended by the Manitoba Law Reform Commission back in 2010.• Enhance APEGM's relationship with EITs by encouraging APEGM to develop more positive methods of encouraging timely EIT report submissions.• Investigate developing outreach programs to other provinces to encourage students, graduates, and engineers to relocate to Manitoba for study and for permanent employment.

** The information, content and views expressed in these platforms are submitted by the candidates and are not necessarily those held by APEGM or the APEGM Council.*