

Professional Engineers

and Geoscientists of BC

Election Review

2014/2015 Council

Presidential, Vice Presidential and Councillor Candidate Statements

*Statements are not edited by the staff editor for grammar and spelling prior to publication.

The Role of the Nominating Committee

The Nominating Committee is charged with seeking and selecting a slate of candidates for election to Council that they believe best demonstrate the qualities needed for strong leadership of the association. Specifically, the committee sought candidates that have demonstrated skills in strategic thinking, organizational management, financial fluency, governance and strategic planning, in addition to a minimum of five years of experience as a professional member or limited licensee. The committee is required to nominate candidates in six discipline groups as dictated by Bylaw 3. To fulfil its mandate, the committee sought candidates through a series of Call for Nominations notices sent to the membership, and committee members reached out to potential candidates in regions throughout the Province of BC.

Under Bylaw 3(b), candidates for the office of President must have served on Council for at least two full years prior to taking office, and for the office of Vice President, must have served at least one year on Council prior to taking office in order to qualify as a Nominating Committee candidate.

Under the *Engineers and Geoscientists Act (Act)* and Bylaws of APEGBC, Council is comprised of the President, Vice President, Immediate Past President, 10 elected Councillors, and four Councillors appointed by the Lieutenant Governor in Council.

For the 2014/2015 Council election, the office of President has been elected by acclamation. Two candidates are running for the office of Vice President. The candidate that receives the largest number of votes will be elected to the office of Vice President for a one-year term.

Thirteen candidates are running for the office of Councillor in the 2014/2015 Council election. The five candidates in this category receiving the largest number of votes will be elected to serve a two-year term as Councillor.

All members are encouraged to vote.

2014 Nominating Committee Members

Chair

Dr. Michael Isaacson, P.Eng., FEC, FGC (Hon.)

Council Appointees

Dr. Catherine Hickson, P.Geo., FGC

Christopher Newcomb, P.Eng., FEC

Dr. Ernest Portfors, P.Eng., FEC

Branch Appointees

Doug Barry, P.Eng. (Peace River)

Ravee Ramakrishnan, P.Eng. (Richmond/Delta)

Piotr Mazur, P.Eng. (Sea to Sky)

Andrew Watson, P.Eng. (South Central)

Tomer Curiel, P.Eng. (Tri-Cities)

Ben Skillings, P.Eng. (Vancouver)

Lee Rowley, P.Eng. (Vancouver Island)

Elroy Switliff, P.Eng. (West Kootenay)

PRESIDENTIAL CANDIDATE



J.J. (John) Clague, P.Geo., FGC | West Vancouver, BC

This candidate has been nominated by the Nominating Committee and is acclaimed for the office of President.

APEGBC is the leading engineering and geoscience regulatory organization in Canada, with a staff, Executive, and Council that are second to none. More than 1,000 volunteers give freely of their time to serve the organization, largely through the activities of branches and divisions. Yet, APEGBC faces many challenges that must be met if it is to meet its mandate and thrive in the future.

I promised I would work on several important issues when I successfully ran for Council in 2013. Here is a short report summarizing progress to date:

➤ ***Promote effective governance of APEGBC***

APEGBC's Sustainable Financial Management Policy now guides preparation of the budget. Council approved a \$35 fee increase for 2014-2015, with the intention that there be no further increases in the next two years. The increase was approved only after staff achieved three-year operational savings of \$1.6 million and deferred some program initiatives.

➤ ***Increase dialogue with members***

I visited and dialogued with nearly all APEGBC branches over the past six months. I appreciate the value that branches provide to the association and its members.

➤ ***Cooperate with Government***

Council and staff met with the government and opposition caucuses in Victoria in February 2014. I gave a presentation to the caucuses on earthquake issues, which highlighted the role that APEGBC has had in the school seismic safety program. APEGBC is highly regarded by the provincial government; we assist government in setting public policy in matters affecting public safety. Through guidelines and input on legislation, we provide a framework that ensures that professionals work in a way that protects the public interest.

➤ ***Raise public awareness of APEGBC and its pivotal societal role***

I find it unacceptable that females are greatly underrepresented in engineering and geoscience. Through the work of the Women in Engineering and Geoscience Taskforce, we are seeking to understand the barriers that females encounter in entering and remaining in the professions and to take action to improve the diversity of the professions.

➤ ***Improve services to our members***

APEGBC and ASTTBC, with the support of the BC Ministry of Jobs, Tourism and Skills Training, have developed an online self-assessment tool to assist internationally trained professionals entering the engineering and technology fields. APEGBC has also increased support for the mentoring and member-in-training programs, and is providing better access to practice guidance and professional development resources.

J.J. (John) Clague, P.Geo., FGC continued

➤ ***Streamline registration and professional mobility***

APEGBC is improving and expediting the registration process. APEGBC and APGO signed an agreement on incidental practice for P.Geo.'s that was implemented on January 1, 2014. The two associations will evaluate the trial program over the next two years.

➤ ***Increase support for engineering and earth science students***

As a Director of the APEG Foundation, I led a campaign to create a \$50,000 endowment to support, in perpetuity, one or more bursaries for geological engineering or environmental geoscience students pursuing studies in the area of geohazards. A second bursary for female students in engineering is being seeded with contributions to the Foundation.

I promise to use my energy and experience to work cooperatively with staff and other members of Council and Executive. I ask you to consider my past service to APEGBC, as well as 40 years of professional work in government and academia; I have also worked with private-sector engineers and geoscientists.

Education

Ph.D. (Geology), University of British Columbia, 1973

M.A. (Geology), University of California, Berkeley, CA, 1969

B.A. (Geology), Occidental College, Los Angeles, CA, 1967

Professional History

Canada Research Chair in Natural Hazard Research, 2003–Present

Shrum Professor of Science, Simon Fraser University, 1998–Present

Research Scientist, Geological Survey of Canada, 1975–1998

APEGBC Activities

Member of Council, 2009–Present (Vice-President, 2013–Present)

Director, APEGBC Foundation, 2013–2014

Director, Geoscientists Canada, 2012–2014

Member, Audit Committee, 2009–2013

Member, Geoscience Committee, 2009–2013

Related Professional Activities

Director, SFU Centre for Natural Hazard Research, 2003–Present

Adjunct Professor, Environmental Engineering, University of British Columbia, 2000–Present

Consultant for private-sector firms and government agencies, 1980–Present

Co-Chair, NSERC Grant Selection Committee, 2006–2007

President, International Union for Quaternary Research, 2003–2007

President, Geological Association of Canada, 2002–2003

President, Canadian Geoscience Education Network, 2001–2003

Community Involvement

Mentor, SFU, 1998–Present

Advisor to print and electronic media on a range of earth science issues, 1985–Present

Frequent speaker at schools and community meetings, 1972–Present

Faculty Co-Chair, Campus Giving Campaign, 2013–2014

Author of two popular geological books and a textbook on natural hazards, 2003, 2007, 2011

Member, SFU United Way Campaign Committee, 2006

J.J. (John) Clague, P.Geo., FGC continued

Awards and Honours

Fellow (FGC), Geoscientists Canada, 2013

J. Willis Ambrose Medal, Geological Association of Canada, 2012

Logan Medal, Geological Association of Canada, 2007

Tier I Canada Research Chair, 2003

Bancroft Award, Royal Society of Canada, 2002

Christopher J. Westerman Memorial Award, APEGBC, 1999

Fellow, Royal Society of Canada, 1998

VICE PRESIDENTIAL CANDIDATE (one to be elected)



G. D. (Garth) Kirkham, P. Geo., FGC | Burnaby, BC

This candidate has been nominated by the Nominating Committee.

I have valued and thoroughly enjoyed my two terms on council over the last four years and I will continue to encourage participation and engagement in the association within the geosciences and engineering community and foster communication between the practice of engineering and geoscience. Our mission, first and foremost is the protection of the public and I believe that it is paramount that the association continues to play a leading role in Canada.

Secondly, we must serve our members and in so doing we must continually be relevant and current. This includes attracting a young and diverse membership to participate in building the future of engineering and geosciences in the Province of British Columbia and Canada. It also means that we continue to communicate the value of association to our members and external stakeholders such as government. In addition, we must also listen and learn and implement the policies and directives as set out by, you the members, and articulated in the strategic plan.

It is my goal to continue to focus on five areas:

- Ensure that the association is on a continuous fiscally sound footing by investigating and perusing avenues for increasing revenue and/or decreasing costs. In addition, we must always ensure that we are receiving value for money.
- Represent and promote the interests of geoscientists in partnership with our engineering colleagues.
- Ensure that the programs and services provided to members are useful and cost effective.
- Encourage participation in the association by all stakeholders, in particular our branches.
- Build and leverage relationships with external organizations.

I will also continue to advance inter-provincial mobility for the geosciences. As a member of five professional associations, I am acutely aware of the burden of practicing in multiple jurisdictions whilst protecting the public.

I am a passionate advocate for NI 43-101, Standards and Best Practices which I will bring to council through my parallel relationships with like-minded associations such as the Canadian Institute of Mining (CIM), Geological Association of Canada (GAC), Society of Economic Geologists (SEG) and Geoscientists Canada.

I have a straight forward, no nonsense approach and will continue to bring this trait to council in representing both geoscientists and engineers.

I congratulate all candidates and am humbled to be considered alongside them. I strongly urge you, as a member, to inform yourself and vote. Thank you! Merci Beaucoup!

Education

B.Sc. (Geophysics), University of Alberta, 1983

G. D. (Garth) Kirkham, P.Geo., FGC continued

Professional History

Director, Morro Bay Resources Ltd., 2014–Present
Kaminak Gold Corp., 2011-Present (Director, 2011-2013, Technical Advisory Board, 2013-Present)
Director, Sierra Madre Developments Corp., 2010-Present
Director, Kivalliq Energy Corp., 2008-Present (Governance Committee, 2013-Present)
Director, Romios Gold Resources Inc., 2005-Present (Audit Committee, 2012-Present, Compensation Committee 2012-Present)
President and Principal, Kirkham Geosystems Ltd., 1997–Present
Director, Lomiko Metals Inc., 2009-2011
Vice President, Industry Liaison, Geoscience BC, 2008–2011
Director, Duncastle Gold Corp., 2007-2010 (Audit Committee, 2007-2010, Compensation Committee, 2007-2010)
Director, Cassiar Gold Corp., 2006-2007
Vice President, Lynx Geosystems Ltd., 1988–1997
Marketing Manager, Geophysical MicroComputer Applications Ltd., 1985–1987
Geophysicist, CGG Geophysics Ltd., 1983–1985

APEGBC Activities

Member of Council, 2010-2011, 2012-Present
Audit Committee, 2014-Present
Mentor, 2011-Present
Chair, Geo-modelling Experience Task Force, 2011-Present
Member, Registration Committee, 2010-Present
Vice Chair, Geoscience Committee, 2008-Present
Geoscience Application Reviewer, 2008-Present
Registration Interviewer, 2006-Present

Related Professional Activities

Board Member, Canadian Geosciences Foundation, 2014-Present
President Elect, Canadian Institute of Mining, 2013-Present
Chair, Geoscientists Canada, Securities Committee, 2011-Present
Chair, CIM Best Practices Committee, 2010-Present
Chair, Vancouver Mineral Exploration Group (MEG), 2012-2014
Member, Geoscientists Canada Incremental Practice Task Force, 2011-2013
President, CIM Geological Society, 2010-2012
Geological Association of Canada, (National Council Member, 2007-2010), (Publications Committee, 2008-2012), (Audit Committee, 2008-2010)
Coordinator, GAC Robinson and Hutchison Lecture Tour, 2007-2010
GAC Mineral Deposits Division, (President, 2006-2008), (Publications Chair, 2008-2012)

Community Involvement

Escort for Disabled Veterans, Annual Remembrance Day Ceremonies at Cenotaph and Legion, 1995–Present
Vice President, Social Chair and Member, Theta Chi Fraternity, 1978–Present
Director, Burnaby Deer Lake Riding Association, 2011-2013
Member and Volunteer, Three Cedars Co-op, 2002–2008
Dragonboat Team Coach and Mentor, 1999–2002
Community Improvement Projects; Maplewood Farm, Grandview Elementary, Queen Alexandra School 1993 - 1999

G. D. (Garth) Kirkham, P.Geo., FGC continued

Awards and Honours

Fellow, Geoscientists Canada (FGC), 2013

Distinguished Lecturer, CIM, 2013

Distinguished Member Award, Geological Association of Canada, 2013

Julian Boldy Award, Canadian Institute of Mining, 2012

JC Sproule Memorial Plaque, Canadian Institute of Mining, 2010

Fellow, Society of Economic Geologists, 2009

Geoscience Award of Merit, Northwest Territories and Nunavut Association of Engineers and Geoscientists, 2007

Barlow Memorial Award, Canadian Institute of Mining, 2006

VICE PRESIDENT CANDIDATE (one to be elected)



M.C. (Michael) Wrinch, P.Eng., FEC | North Vancouver, BC

This candidate has been nominated by the Nominating Committee.

In recent years, APEGBC has increased its profile and influence, resulting in a broader role in promoting its members' interests. To meet the challenges of this expanded role, APEGBC must continue to strengthen processes, stakeholder partnerships and member engagement to best represent the profession and its diverse member base, and, to enact change in a transparent and effective manner.

I am honoured to have been nominated to serve as APEGBC Vice President. As a two term past Member of Council, having served on a number of Association Committees as well as on Branch Executives, I have a deep understanding of the key issues and challenges that together we face as part of our self-governing mandate.

I am a professional engineer working in the field developing advanced energy systems in private practice and also training the next generation of engineers to achieve the highest standards of professional excellence at the University Of British Columbia.

Through my tenure as the Chair of Registration and past work experience, I have gained a first-hand understanding of both the increasing cultural diversity of our membership and the primary mandate of Engineers and Geoscientists: to protect the public. I believe we need to think holistically to understand where the profession is heading and augment that purpose for the benefit of society.

As Vice President my focus would be three-fold:

- 1) **Enhance Operational Efficiency:** I will work collaboratively to streamline operations, processes and regulation both internally within the Association and externally with Association partners. I will focus on modernizing internal systems and on further refining the Association's strategy and policy development.
- 2) **Conduct Prudent Fiscal Management:** I will ensure that all Association business is conducted in a transparent, democratic and forward-looking manner. It is paramount that our professional fees are allocated towards key functions such as efficient registration of members and that we avoid excessive or non-core Association expenditures. It is important that we maintain a sustainable fee structure without overstepping the Association's mandate.
- 3) **Increase Stakeholder Engagement and Public Profile:** I will work to raise public perception of Professional Engineers and Professional Geoscientists, and partner with government to shape legislation and to determine policy objectives. My goal is to work with government to highlight the benefits our professions provide our communities, such as finding creative solutions to update our aging infrastructure. I also want to find solutions for addressing the excessive liability placed on consultants. Most importantly, I would engage Members in a two-way dialogue through the various branches, divisions, committees and other media, to better understand how best to further the highest standards of excellence in our profession.

To enhance and elevate both the professional standards and the public profile of our membership, we must look forward, work together, and act strategically to ensure the continued prosperity of all Engineers and Geoscientists.

I look forward to working with you to strengthen and protect the interests of all APEGBC members.

M.C. (Michael) Wrinch, P.Eng., FEC continued

Education

Ph.D. (Electrical Engineering), University of British Columbia, 2009

M.Eng. (Electrical Engineering), Memorial University of Newfoundland, 2002

B.Eng. (Electrical Engineering), Memorial University of Newfoundland, 2000

Professional History

Principal, Hedgehog Technologies Inc., 2001-Present

Adjunct Professor, University of British Columbia, 2013-Present

Systems Engineer, Intrinia Solutions Inc., 1999–2001

APEGBC Activities

Member, Governance Committee, 2012-2013

Member of Council, 2011–2013

Member, Registration Committee, 2007-2011 (Chair, 2010-2011)

Member of Council, 2008-2010

Member, Vancouver Branch Executive, 2003-2009 (Chair, 2006-2007)

Chair, Branch Representatives, 2007-2008

Member, Professional Renewal Task Force, 2007-2009

Related Professional Activities

Board Member, Pacific Energy Innovation Association, 2012-Present

CEM, Association of Energy Engineers, 2011-Present

PMP, Project Management Institute, 2008-Present

Member, IEEE PES, 2001–Present

Member, Toastmasters International, 1999-2008

Technical Chair, IEEE Oceans 2007 International Conference, 2007

Member, Vancouver Board of Trade, 2004-2005

Member, Engineers Without Borders, 2001-2003

Community Involvement

President, Townhome Strata Corporation, 2008-2013

Awards and Honours

Fellow (FEC), Engineers Canada, 2013

COUNCILLOR CANDIDATE (five to be elected)



C.J.E. (Caroline) Andrewes, P.Eng. | Vancouver, BC

This candidate has been nominated by the Nominating Committee.

Through participation in DAWEG and as a member of the Standing Awards Committee for the past 6 years I have been both humbled and inspired by members across the province serving our professions and in our communities. I am honoured to be an APEGBC Council nominee and ask your support to continue to serve the membership.

I am committed to strong governance, organizational transparency and value for membership. I would like the opportunity to work with members and staff to promote diversity and to make the association more relevant to professionals at the start of their career. Through full participation of young members we ensure the association will remain strong and viable for generations.

As a Councillor I would like to:

- Develop a framework to build strong mentoring partnerships for all members throughout their career.
- Work to engage students and new graduates to encourage pursuit of a designation.
- Maintain our record of good governance, strong standard for professional practice and value for membership.

My personal and professional experience is diverse and provides a solid foundation for a role on Council. As a dedicated professional I believe participation in the association is a responsibility of membership. Throughout my career I have consistently demonstrated strong peer and public communication skills. I am motivated and am able to use my broad financial, technical, planning and risk assessment skills to support goal achievement.

Thank you for your consideration and your support.

Education

B.E.Sc. (Materials Engineering), University of Western Ontario, 1998

Professional History

Director, Product Cost Engineering, Creation Technologies (Burnaby), 2011–Present

Senior Engineer, Ballard Power Systems (Burnaby), 2000-2011

APEGBC Activities

Member, APEGBC, 2005–Present

Member, Standing Awards Committee, 2008–2014

Treasurer, DAWEG, 2007

Related Professional Activities

Member, Certified Management Accountants, 2011–Present

Member / E-Mentor, Canadian Women in Technology (CanWIT – a division of Canadian Advanced Technology Alliance), 2011–Present

Mentor, UBC Engineering Mentoring program, 2006–Present

Member, APEO, 2003-2006

C.J.E. (Caroline) Andrewes, P.Eng. FEC continued

Community Involvement

Voting Member, YWCA Vancouver

Volunteer, First United Mission, 2010-2012

Ballard Campaign Chair, United Way, 2006

COUNCILLOR CANDIDATE (five to be elected)



C.D. ('Lyn') Anglin, P. Geo. | North Vancouver, BC

This candidate has been nominated by the Nominating Committee.

I am honoured to be nominated as a candidate for Council, and I would consider it a privilege to contribute to the Association and to serve the membership as a Councillor. I am passionate about geoscience, S&T, applied research, resource development, and the contributions of all of the above to the public good.

As a member of Council, I will work to

- Ensure that the Association is relevant and delivering value to its members and the public
- Enhance the public perception of the engineering and geoscience professions and the awareness of APEGBC and its contributions to society
- Encourage more students to enter the engineering and geoscience disciplines
- Enhance professional mobility for engineers and geoscientists
- Improve the recruitment, retention and promotion of women in the engineering and geoscience disciplines

Education

Ph.D. (Geology) Carleton University, 1992

M.Sc. (Geology) Memorial University of Newfoundland, 1987

B.Sc. (Geology) Honours, First Class, Queen's University, 1982

Professional History

Principal, Anglin & Associates, 2013-Present

President and CEO, Geoscience BC, 2006-2013

Associate Director, Pacific Division, Geological Survey of Canada (GSC), 2002-2006

Subdivision Head, Mineral Resources Division, GSC, 1997-2001

Coordinator, Mineral and Energy Resource Assessment, GSC, 1993-1997

Science Policy Coordinator, SR&ED Tax Credit Program, Revenue Canada, 1990-1993

Support Geologist, Mineral Deposits Subdivision, GSC, 1984-1989

Senior Exploration Geologist, Kerr Addison Mines, 1984

APEGBC Activities

Member, Geoscience Committee, 2013-Present

Related Professional Activities

Chair, Advisory Council, Resource Works Society, 2014-Present

Board Member, Mineral Deposits Research Unit, UBC, 2014-Present

Member, Geoscience Committee, Prospectors and Developers Association of Canada, 2011-Present

Member, Fellow Review Committee, Society of Economic Geologists, 2014

Member, Geoscience Evaluation Group, NSERC Discovery Grants, 2013-2014

Chair, NSERC Site Evaluation Committee, Industrial Research Chair in Geophysics, Laurentian University, 2010

President, Geological Association of Canada, 2007-2008

Councillor, Society of Economic Geologists, 2005-2007

C.D. ('Lyn) Anglin, P.Geo continued

Community Involvement

Member, Premier's Women's Economic Council, 2014-Present

Board Member, Science World British Columbia, 2012–Present

Member, Advisory Council, School of Exploration and Mining, Northwest Community College, 2011–Present

Member, "The 99s" International Women's Pilots Association, 2002-2005

Awards and Honours

Special Tribute Award, Association for Mineral Exploration BC, 2014

Listed in "100 Global Influential Women in Mining" by WIM (UK), 2013

Minerva Foundation Award for Women in Natural Resources, 2010

Distinguished Service Award, Geological Association of Canada, 2009

Employment Equity and Diversity Award, Natural Resources Canada, 2001

Canada's 125th Anniversary Commemorative Medal, Revenue Canada, 1992

COUNCILLOR CANDIDATE (five to be elected)



A.E. (Arnold) Badke, P.Eng. | Vernon, BC

This candidate has been nominated by the Nominating Committee.

It is an honour to be nominated for a second term on Council. Having served on Council and on various committees and Task Forces of Council I fully understand and appreciate the commitment and responsibilities required of a Councillor. Council's primary responsibility is for the protection of the public and to put policies and procedures in place such that APEGBC staff can efficiently and effectively carry out the direction established by Council. At a secondary level, Council will also represent and protect the interests of its members by again setting clear policies and procedures for APEGBC staff to fulfill the direction established by Council in a cost effective manner. Key objectives to fulfill the primary and secondary purposes are to assure that qualified Engineers and Geoscientists enter the profession, provide opportunities for Professional Development to maintain expertise, attract, develop and retain persons who have or are planning to enter the Engineering and Geoscience professions and to provide easier and greater mobility for the practicing British Columbia Engineering and Geoscience professionals throughout Canada and the international market.

I have been the Council Representative to both the Okanagan Branch and the Southern Interior Branch and hope to continue in that roll with the newly elected council. I will represent the public and APEGBC members to the best of my ability.

My Civil Engineering career includes thirty years in the Private Consulting Sector and five years in the Public Engineering Sector.

Education

B.A.Sc. (Civil Engineering), University of British Columbia, 1973

Professional History

President, LAB Enterprises Ltd., 1984-Present

General Manager, Engineering, Regional District of North Okanagan, 2010-2011

President/Vice President/Project Engineer, Aplin & Martin Consultants Ltd., 1980-1990/1996-2006

APEGBC Activities

Member of Council, 2012-Present

Member, Governance Committee, 2012-Present

Member, Professional Practice Committee, 2012-2014

Member, APEGBC Nominating Committee, 2006, 2008

Member, Limited License Review Task Force, 2005-2006

Member, APEGBC/ASTTBC Merger Task Force for Civil Engineering, 2002-2003

Related Professional Activities

Chair, CEBC Meritorious Achievement Award Committee, 2008

Member Executive Committee, CEBC, 2005-2008

Member CEBC Board, 2004-2008

President, ACEC (CEBC), 2006-2007

Member, CEBC/APEGBC/BC Chartered Accountants/BC Architects Liability Task, 2005-2006

Chair, CEBC Municipal Committee, 2002-2004

A.E. (Arnold) Badke, P.Eng. continued

Community Involvement

Trustee, Trinity United Church Vernon, 2012-2014

Member, Upper Fintry Water Main Extension Committee, RDCO, 2007-2009

Board Member, Sharon United Church Langley, 2006-2008

President/Treasurer/Secretary, Langley/Quesnel/Delta Rotary Clubs, 1977-2006

Member, Langley Toastmaster Club, 1994-1997

Board Member, Langley YM/YWCA 1988-1990

Awards and Honours

APEGBC Environmental Award, Langley Jackman Landfill Biosolids, 1996

COUNCILLOR CANDIDATE (five to be elected)



D.E. (Dan) Campbell, P.Eng. | North Vancouver, BC

This candidate has been nominated by the Nominating Committee.

Are you like me, paying the fees because you have to, complaining to a few of your friends, and wondering exactly where all the money goes when all you seem to get is a magazine? Well after 30 years of doing exactly that I thought I would quit my complaining and offer to “help”. The Association has always had one core mandate “Protection of the Public”. To fulfill this mandate admission qualification verification and member investigation/discipline when necessary are essential activities. After that there are a number of activities, such as the magazine, portions of the website, the annual general meeting, and “initiatives assorted” which are nice or fun or perhaps even popular, but do they really impact the majority of the members, and would they pay more or less for them if given a choice? I am advocating that members be given that choice annually as follows:

- With our fee invoice would come a list of the Association activities and the annual costs.
- We would be given the opportunity to direct up to 15% of our annual fees towards the activities we most support.
- The program budgets would be revised based on the responses. To prevent radical swings annually, no program would ever change more than 15% in one year.
- The results would be publicized in the magazine, on line and included with the next years fee invoice.

After a few years the Association would clearly know what the members really want to spend the money on. Programs that are clearly unpopular could be discontinued and popular programs could be expanded or maybe even the fees might be reduced. I have no doubt that such direct democracy will threaten a few sacred cows, change always does.

If you are happy with the Association, or don't care much, vote for someone else. If you want a questioning voice on council, vote for me.

Education

B.A.Sc. (Mechanical Engineering), University of British Columbia, 1979

Professional History

Manager, Hydro Projects, Klohn Crippen Berger, 2005–Present

Various Positions, Klohn Crippen Berger, 1981-2005

Related Professional Activities

Member, CSA Code Committee, S6 – Section 13 Movable Spans, 2000-Present

Community Involvement

Various executive positions, Hollyburn Sailing Club, 1998-2012

COUNCILLOR CANDIDATE (five to be elected)



S.M. (Shiloh) Carlson, P.Eng. | Prince George, BC

This candidate has been nominated by 25 members of the Association.

Thank you to my fellow members who have nominated me to continue my efforts on council. It has been a pleasure to serve on Council for the past two years and I hope to have your vote to continue this work. I am proud to practice engineering and have been dedicated to promoting engineering and geoscience and also gender balance and diversity within our profession. In the last two years, I have been able to contribute on the women in engineering and geoscience task force to focus on the issues within the profession relating to retention and recruitment. The recommendations from this task force were brought forward and approved by council. I also have had the opportunity to work with the registration committee and an interdisciplinary task force in efforts to improve the registration process for those members outside of traditional disciplines.

I would be honoured to continue to serve our profession and hope to have your support and vote to continue to represent our membership and be a northern voice for our association.

Some of my goals include:

- Keep fee increases to a minimum while still functioning as a self-governing body while meeting our primary mandate of protecting the public.
- Promote the engagement of young professionals through professional development events and volunteer opportunities with APEGBC.
- Support engineering and geoscience education opportunities in British Columbia, including Northern BC.
- Streamline registration procedures and provide mentoring for new professional members and internationally trained engineers.
- Continue to promote Engineering and Geoscience in schools and our communities to increase awareness of our profession.

Education

B.A.Sc. (Geological Engineering), University of British Columbia, 2002

Professional History

Project Manager/Geotechnical Engineer, McElhanney Consulting Services Ltd., 2010-Present

Geotechnical Engineer, AMEC Earth & Environmental, 2002-2010

APEGBC Activities

Member, Geoscience Committee, 2013-Present

Member of Council, 2012-Present

Member, Registration Committee, 2012-Present

Member, Mentoring Committee, 2012-Present

Member, Women in Engineering and Geoscience Task Force, 2013

Member, Central Interior Branch Executive, 2007 – 2013, (Vice Chair, 2008 – 2009, Chair 2009 – 2012, Past Chair 2012-2013)

Related Professional Activities

Treasurer, Northern Technology and Engineering Society of BC, 2010 - Present

S.M. (Shiloh) Carlson, P.Eng. continued

Community Involvement

Presenter, Career Awareness Outreach in Schools and Community Events, 2009-Present

Judge, Central Interior Science Exhibition, 2010-2012

Coach, Prince George Soccer Association, 2011

Awards and Honours

Top 40 Under 40, Prince George Chamber of Commerce, 2013

COUNCILLOR CANDIDATE (five to be elected)



W.G. (Bill) Dunford, P.Eng., FEC | Vancouver, BC

This candidate has been nominated by the Nominating Committee.

The Association should serve and support the members at minimum cost and with a minimum of bureaucracy. It should also try to ensure that clients and society in general should receive competent and up to date professional services. Many principles are universal, so a continuous effort should be made to streamline regulation in both national and international terms. The university accreditation process is getting increasingly detailed and it is important not to lose sight of the real qualities required in an Engineer in Training or a Professional Engineer or Geoscientist. Having worked as an electrical engineer in the oil services industry I believe my experience spans

many areas relevant to APEGBC.

Education

Ph.D. (Electrical Engineering), University of Toronto, 1982

M.Sc. (Machines and Power Systems), London Imperial College of Science, Technology and Medicine, 1973

B.Sc. (Eng), London, Imperial College of Science, Technology and Medicine, 1971

Professional History

Associate Professor, University of British Columbia, 1982-Present

Field Engineer, Schlumberger Overseas SA, 1976-1978

APEGBC Activities

Member, APEGBC Board of Examiners, 1995-Present

Related Professional Activities

General Chair, IEEE Power Electronics Specialist Conference, Vancouver, 1986 and 2001

Community Involvement

Chair, Vancouver Senate Budget Sub-Committee, UBC, 2011-Present

Vice Chair, Vancouver Senate Committee for Appeals on Academic Standing, UBC, 2011-Present

COUNCILLOR CANDIDATE (five to be elected)



R. K. (Richard) Farbridge, P.Eng. | Burnaby, BC

This candidate has been nominated by 25 members of the Association.

To support the Association by offering my services as a Councillor, with the hopes of gaining greater familiarity with the workings of the organization and ultimately contributing to its improvement. I am concerned about the low rates of participation in voting, and discussions with colleagues suggest many members view the organization overall as necessary, but with little personal interest. I would be looking for ways to change that by adding focus on issues that might be of interest to the membership that are not receiving enough attention. I am not doing this to pad my resume, I am genuinely interested in contributing to positive change. I appeal to those members that

can relate to this and do not typically vote to vote for me, and if elected, to forward your concerns and share your vision of what change you would like to see in this organization, to get a greater dialogue going between members and council.

Education

B.Eng. (Civil), Lakehead University, 1994

Diploma of Technology (Civil), B.C.I.T., 1985

Professional History

Senior Engineer and Team Lead, Transmission Right of Way Engineering, BC Hydro, 2005 – Present

Assistant Project Manager, Pacific Liaison Ltd. (an SNC Lavalin Company), 2003 – 2005

Senior Site Construction Engineer, Enron Corporation, 2001 - 2002

APEGBC Activities

Member, APEGBC, 1994 – Present

Community Involvement

Board Chair, Garden Square Housing Co-op, 2010 – 2012 and 2013 – Present

Parent Volunteer, Scouts Canada, 2011 – 2013

Vancouver Centre Candidate (1997) and Constituency Association President (1997 – 1998) for a federal political party

COUNCILLOR CANDIDATE (five to be elected)



J.H. (Jack) Lee, P.Eng., FEC | Burnaby, BC

This candidate has been nominated by the Nominating Committee.

I am pleased to be nominated as a candidate for the 2014/2016 APEGBC Council. Our mandate is to protect the public's interest through leadership and regulation of our members. This is a commitment that I fully support and will be accountable for as a Council member.

The Association has recently adopted its 2014-2017 Strategic Plan with four goals. My objective shall be to ensure that the Association will achieve these goals by being actively involved.

As the past Chair of the Association of Consulting Engineering Companies – BC, we enthusiastically supported APEGBC's Organization Quality Management Program. I believe in this program and will continue with its endorsement.

As a member of the consulting engineering community I am well aware of the current shortage of qualified professional engineers and geoscientists. I will work with the Association to develop a strategy to expedite the current registration program and opportunities for providing local experience to foreign trained professionals.

I would like to be involved with the ongoing implementation of the Women in Engineering and Geoscience Task Force's June 2013 Report recommendations that include recruitment and retention of women in engineering and geosciences.

Education

B.A.Sc. (Agricultural Engineering), University of British Columbia, 1974

Professional History

Vice President – Operations (Canada), Opus International Consultants (Canada) Limited, 2013–Present
Project Engineer / Project Manager / COO, Opus DaytonKnight 1975–2013

APEGBC Activities

Mentor, 2006–Present
Registration Interviewer, 2002–Present
Participant in Branch Events, 2000–Present
Member, Municipal Engineers Division, 1997–Present
Participant, APEGBC OQM Program, 2010–2012
Volunteer, APEGBC's Pilot Project for Internationally Trained Engineers, 2002–2003

Related Professional Activities

AWWA Standards Committee Member, PVC Pipe C900/C905, 1989–2014
Executive Committee, ACEC-BC, 2008–2012
President, ACEC-BC, 2010–2011
Vice President & Treasurer, ACEC-BC, 2009–2010
Chair, Municipal Engineering Committee, ACEC-BC, 2006–2008
Project Advisory Committee Member, American Water Works Research Foundation, 2001–2003

J.H. (Jack) Lee, P.Eng., FEC continued

Community Involvement

Member, North Vancouver Chamber of Commerce, 2000–Present
Member, British Columbia Public Works Association, 1995–Present
Member, American Water Works Association, 1980–Present
Member, British Columbia Water and Waste Association, 1976–Present
Volunteer, Mentor for School of Business, Capilano University, 2009–2011
Volunteer, SUCCESS, 2002–2004

Awards and Honours

Award of Merit, ACEC-Canada, 2000
Lieutenant Governor's Award of Excellence, CEBC, 2000
Award of Excellence, CEBC, 2000
Environmental Award, APEGBC, 1997

COUNCILLOR CANDIDATE (five to be elected)



C.R. (Chris) Moser, P.Eng. | Surrey, BC

This candidate has been nominated by 25 members of the association.

As an Engineer I have been active since 1980 in design, operation, sales, project and line management. I have worked both as an employee for a multi-national corporation and as a proprietor of a small engineering company . From this exposure I have developed a good understanding of how an Engineer provides value to organizations and what role an Engineer plays in ensuring that the public benefits from the activities of the organizations in their communities. While I have enjoyed the challenge of the work and am proud of what I have done as an Engineer, I am concerned about the engineering association I am a member of .

To me the primary duty “to uphold and protect the public interest respecting the practice of professional engineering and geosciences” as noted by Jeff Holm in the Nov/Dec 2011 Innovation magazine (article titled Protecting the Public Interest by Regulating Practise)” is not an objective that describes an association that fosters high regard towards Engineers nor strong self-worth among Engineers.

I want to belong to an association that has a role of self-policing but is more focused on advocating internally and externally the positive impacts and benefits that Engineers bring to our society. I want to belong to an association that challenges and encourages each Engineer to use their intelligence and knowledge to the benefit of our province, not to an association that acts on behalf of the public to prevent consequences of improper or insufficient Engineering work.

I look forward to working with the President, Vice President and other Councilors to make APEGBC an association that members can take pride in being a part of because it works to ensure all of us be the best Engineers we can be, and to ensure that the public understands the good work we do on a daily basis.

If anyone wants to discuss my comments or other issues related to the APEGBC election I can be contacted at crmoser@shaw.ca

Education

B.A.Sc. (Chemical Engineering), University of British Columbia, 1980

Professional History

Manager, Technology and Process Support, Canexus Chemicals, 2012–Present

Vice President, Process Development, Lignol Innovations, 2010–2012

Proprietor, Moser Inorganic Technologies, 2006-2010

COUNCILLOR CANDIDATE (five to be elected)



C.L. (Carol) Park, P.Eng. | Vancouver, BC

This candidate has been nominated by the Nominating Committee.

The APEGBC is at a critical juncture, as it positions itself to meet the needs of engineers and geoscientists practicing in rapidly changing technical environments, global markets and shifting demographics. It's relevance as an organization that serves the needs of engineering and geoscience professionals needs to be reimagined in this new and emerging context and demonstrated to its members and stakeholders. It has been preparing for this through the development of its newly released Strategic Plan 2014-2017, a plan informed by member and stakeholder engagement.

To implement this strategic plan, it will be important for the Council to ensure it has a broad perspective, with councillors from a wide range of the APEGBC's very diverse membership. I feel I am able to bring just that type of perspective. I have spent 20 years practicing in the field of biomedical engineering, a non-traditional/emerging field of practice, as a hospital-based biomedical engineer, ensuring the safe and effective use of medical devices in our public health system. Through this I will bring a different experience and outlook to the Council table, with fresh eyes to consider familiar problems in new ways, and an understanding of the need to seek out those different perspectives from our membership. Beyond this, I have spent five years leading large scale transformational change in the healthcare sector, partnering and collaborating with various organizations including professional societies, government and NGOs. I understand the importance of robust stakeholder engagement and collaboration with partners to create effective change, such as will be required to implement the Association's new Strategic Plan. I bring practical experience with transformational change, change management, stakeholder engagement, collaboration, and leadership to the Council role. I would be honoured to serve the Association as a Council member and I look forward to the opportunity to serve you on Council.

Education

M.A. (Leadership and Training, Health), Royal Roads University, 2006

M.Eng. (Clinical Engineering), University of British Columbia, 1989

B.Sc. (Engineering Chemistry), Queen's University, 1986

Professional History

Director, Primary Care Integration, Vancouver Coastal Health (VCH), 2009–Present

Regional Manager, Biomedical Engineering, VCH, 2005–2009

Project Engineer, Biomedical Engineering, VCH, 1999–2004

Team Leader, Biomedical Engineering, VCH, 1989–1998

APEGBC Activities

Member, APEGBC, 1992-Present

Related Professional Activities

Chair, Membership Committee, American College of Clinical Engineering, 2008-2009

Member, Membership Committee, American College of Clinical Engineering, 2007-2008

Community Involvement

Captain, Block Watch, 2006–Present

Team Manager, Vancouver Girls Soccer Club, 2011

COUNCILLOR CANDIDATE (five to be elected)



F. (Farya) Pirbazari, P.Eng. | Vancouver, BC

This candidate has been nominated by 25 members of the association.

I am honored to be nominated as a candidate for the council and grateful for the opportunity to serve the community. I commit to working hard to guard the interests of APEGBC members—engineers—as well as the public.

My intention here is not to list expectations so big that they will be difficult to achieve but to share my vision. This will be my first time on the council and I

know that I will have to learn various procedures and protocols so that I am aware of limits and what steps are to be taken by the councilors.

But what I know for sure is that the first thing to be done is improve the dialogue between APEGBC and its members. When less than half of the members participate in activities--the most important of these being the election--something must be wrong. Likewise, when there is not more than one person nominated for the position of president, again something is amiss. This should change—somehow—from *selection* to *election* in the future!

Council and the executive team could brainstorm to develop ideas that will engage more members in important issues facing the profession and their own career.

Education

B.Sc.Eng. (Civil Engineering), Amir Kabir University of Technology, 1984

Professional History

Senior Structural Engineer, Fluor Canada, 2010-Present

Senior Structural Engineer, Ausenco (Sandwell), 2007-2010

Structural Engineer, Glotman Simpson, 2004-2007

APEGBC Activities

Registration Interviewer, 2009-Present

Related Professional Activities

Member, Association of Professional Engineers and Geoscientists of Alberta (APEGA), 2013-Present

Member, American Society of Steel Construction (AISC), 2011-Present

Member, Structural Engineers Association of BC (SEABC), 2008-Present

Senior Lecturer, Tehran Polytechnic, 1992-2003

Community Involvement

Member, Friends of the Library, West Vancouver Memorial Library, 2006-Present

Awards and Honours

Volunteer recognition pin, APEGBC, 2014

COUNCILLOR CANDIDATE (five to be elected)



C.C.O. (Conor) Reynolds, P.Eng. | Vancouver, BC

This candidate has been nominated by the Nominating Committee.

As a professional engineer working in local government, I understand that APEGBC's members are drivers of the high quality of life we are fortunate to experience in British Columbia. We play many critical roles in society, ranging from designing the buildings where we live and work, to operating the utility infrastructure that supports our cities, to innovating the many technologies that surround us.

I also recognize that along with the opportunities there are important challenges, because we conduct our practice in an increasingly complex and interconnected world. At its core, APEGBC must protect the public interest through its regulatory authority. However, the Association is in a unique position to provide many value-added services. Members need timely access to useful information, tools and guidance in order to stay competitive and provide value to their clients.

The Association must continually innovate in order to stay relevant to its members and stakeholders. I am committed to the idea that member engagement is key to a progressive organization. I served for six years on the Sustainability Committee, and currently sit on the Climate Change Advisory Committee. I welcome APEGBC's Strategic Plan for 2014-2017, and support the goals and objectives it articulates. I now seek the opportunity to be part of the team that guides the Association toward achieving these goals.

Education

Ph.D. (Resource Management and Environmental Studies), University of British Columbia, 2010

M.A.Sc. (Mechanical Engineering), University of British Columbia, 2002

B.A.I. (Mechanical Engineering), Trinity College Dublin, Ireland, 1998

Professional History

Senior Project Engineer, Air Quality Policy & Management, Metro Vancouver, 2011–Present

Research Associate, Civil Engineering, University of Minnesota, 2010–2011

Research Engineer, Mechanical Engineering, University of British Columbia, 2002–2005

APEGBC Activities

Vice-chair, Climate Change Advisory Group, 2012–Present

Member, Sustainability Committee, 2005–2011 (Vice-chair, 2009–2010)

Related Professional Activities

Adjunct Faculty Member, Institute for Resources, Environment & Sustainability, UBC, 2014–Present

Member, Air & Waste Management Association, BC/Yukon Chapter, 2005–Present

Technical Reviewer, A&WMA's Magazine for Environmental Managers, 2008–2011

Author of over 20 peer-reviewed articles on transportation, air pollution, energy and environment

Community Involvement

Guest speaker, Various Undergraduate Courses, 2008-Present (UBC, 2008-Present), (Kwantlen Polytechnic University, 2013)

Volunteer, Junior Physics and Engineering Competition, Vancouver School Board and UBC, 2010–2013

C.C.O. (Conor) Reynolds, P.Eng. continued

Awards and Honours

Fellowships, Natural Sciences and Engineering Research Council (NSERC), 2005–2008, 2010–2011

Scholarship, Transportation Association of Canada, 2008

Scholarship, Air & Waste Management Association, 2007

Scholarship, Engineers Canada, 2006

Scholarship, Robert Caton Memorial Award, 2006

COUNCILLOR CANDIDATE (five to be elected)



R.P. (Bob) Stewart, P.Eng. | Vancouver, BC

This candidate has been nominated by the Nominating Committee.

After a long and enjoyable involvement in IEEE, in 2004 I joined the EIT Competency Based Application Group of APEGBC. I continue to be involved in this subject area as an assessor, as well as serving as an advisor.

The Association's proposed Three-Year Strategic Plan struck a chord with me when I saw goals such as to increase the speed and efficiency of processing applications; to make the process more transparent and easier to navigate; and to reduce barriers to internationally trained engineers and geoscientist. I was also enthused when I saw that additional goals were to demonstrate the value of the Association to its members by providing better member support and more transparency, while showcasing APEGBC's relevancy and raise its organization profile for its members and with the public. I feel that engineers and geoscientist have been in the shadows of other professionals for too long. I think these goals, and the others in the plan, will keep our profession strong and moving forward into the future.

I have a strong personal and professional interest in these goals. Like many of the members I have run up against these challenges and wished something could be done to improve the situation. The time for wishing is over. It is the time for action and I want to be involved.

Education

B.A.Sc. (Electrical Engineering - Power Option), University of British Columbia, 1981

Professional History

Principal Engineer - Electrical, Generation Engineering, BC Hydro, 2007-Present

Divisional Manager – Various Departments, BC Hydro, 1999-2007

Senior Maintenance & Operations Services Manager, GM Shrum Generating Station, BC Hydro, 1998-1999

Electrical Maintenance Manager, GM Shrum Generating Station, BC Hydro, 1997-1998

APEGBC Activities

Member, APEGBC, 1985 - Present

Registration Experience Reviewer, 2012- Present

Member and Assessor, Competency Based Application Assessment Team, 2010-2012

Member, EIT Competency Based Application Group, 2004-2006

Related Professional Activities

Senior Member, IEEE PES, 2007-Present

Member, Electric Power Apparatus Committee, Association of Edison Illuminating Companies, 2006-Present

Volunteer Coordinator, IEEE Power & Energy Society (PES) General Meeting - Vancouver, 2013

Member, Special Working Group on Examples for Applicant Assessment, Engineers Canada, 2011

Member, IEEE, 1978-2007

Executive Member, Substation Committee of PES/IEEE, 1992-2004

Chair, West Coast Subcommittee of Substation Committee, IEEE/PES, 1992-2004

Community Involvement

Member, Electrical & Computer Engineering Industry Advisory Council, UBC, 2012-Present

Liaison, Support of the UBC Electric Energy Systems Option, BC Hydro, 2007-Present

R.P. (Bob) Stewart, P.Eng. continued

Awards and Honours

The Ken Spafford Mentorship Award, BC Hydro, 2013

The Bob Elton Safety by Design Award - Generation Project, BC Hydro, 2012

The Association of Professional Engineers and Geoscientists of BC

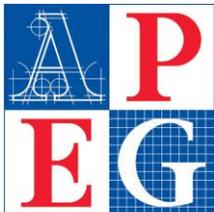
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