

Your Pre-Election SPECIAL SECTION

- ✓ This section contains biographies of candidates in the 2009 APEGGA Election.
- ✓ Letters with specific instructions for voting will be mailed in the last week of February to eligible voters. You should receive yours in early March.
- ✓ A forum for President-Elect/Vice-President candidates appears online at www.apegga.org. This is an audio-visual presentation.
- ✓ FAQs appear online at www.apegga.org and will be printed in the March PEGG.
- ✓ Also check online for a thermometer-style graphic measuring vote response, after polls open.
- ✓ Electronic voting, once again, is the preferred method. However, if you would like to vote manually, contact APEGGA for your ballot package.



✓ We have made a number of improvements to the voting system and how we promote the election. This special section is part of the improved promotional campaign. See the front page of the first section for further information.

- ✓ Polls open on March 2 at 9 a.m. MST and close on April 5 at 12 noon MDT.

CONTACT

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Or 780-426-3990 (*Edmonton*)

2009 President Elected by Statute W.J. (JIM) BECKETT, P.ENG.

Jim was raised and educated in Edmonton, and graduated from the University of Alberta Faculty of Engineering with a B.Sc. degree (with distinction) in electrical engineering in 1973.

Jim has been employed by the ATCO Group of Companies for 35 years. As Executive Vice-President, Regulatory, and Chief Regulatory Officer, he develops regulatory strategy for the utility companies of the group (ATCO Electric, ATCO Gas, ATCO Pipelines and CU Water). He is a frequent witness before the regulatory commission responsible for utility regulation in Alberta and has also appeared before BC's utilities commission. Jim previously held a number of management positions within ATCO Electric and its predecessor Alberta Power. Until recently, and for several years, Jim was the Responsible Member for ATCO Electric. As such, he was involved in ensuring that the requirements of the Permit to Practice were met and in mentoring engineers within the organization.

Jim and his wife, Anita (who once worked for APEGGA) have plans to continue to visit many different areas of the world to experience different cultures, cuisine, history and shopping. They are the proud parents of two grown children, Thomas and Sarah, both of whom are working in their chosen professions after completing university.

APEGGA Activities

- President-Elect (2008-present)
- Member, Finance Committee (2008-present)
- Member, Public Issues Interest Committee (2008-present)
- Chair, Voting Participation Task Force (2008)
- Chair, Audit Committee (2007-2008)
- Chair, Insurance Review Task Force (2007-2008)
- Member, Governance Committee (2006-2008)



- Member, Council (2005-present)
- Member, Strategic Planning Committee (2005-present)
- Member (1973-present)

Affiliations, Corporate or Community Service

- Alternate Warden, Camp 6 Iron Ring Ceremony
- Past-President, GridCo Alberta
- Past-President, Spatial Data Warehouse
- Past Member, Board of Governors, University of Alberta
- Past Member and Chair, Engineering Faculty Advisory Board, University of Alberta
- Past Member, Senate, University of Alberta
- Past Engineering Representative, Vice-President and President, University of Alberta Alumni Association

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

APEGGA and our sister Associations across Canada are fortunate to have the right of self-governance. What we take for granted is not the case in other countries such as the U.S., where the professions are governed by politically appointed boards or commissions. APEGGA faces a challenge to maintain the privilege of self-governance, and the best way to meet that challenge is to ensure that Members are engaged, interested and participating in the affairs of the Association.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

I would have to be truthful, the road to a profession in engineering or geoscience leads through some of the most demanding post-secondary educational requirements, and a fairly long Member-in-Training period. The professions are not seen as glamorous by the public. However, there are no more satisfying careers than being a Professional Engineer or a Professional Geoscientist.

POLLS OPEN March 2, 9 a.m.
POLLS CLOSE April 5, 12 noon

PRE-ELECTION SPECIAL SECTION

For President-Elect and Vice-President J.E. (JIM) SMITH, P.ENG.

Jim grew up in Edmonton, earning a bachelor's degree in chemical engineering from the University of Alberta in 1972. He joined Procter and Gamble for a career in leading engineering, construction and manufacturing organizations in their Alberta and Southeast U.S. facilities. Jim has had a wide range of leadership roles with technical and team management responsibilities in engineering, plant operations and maintenance, product development, environmental systems and organization design. In 1992, he joined Weyerhaeuser and was responsible for leading the development of strategic projects, plant engineering and corporate environment systems.

Since registration in 1974, Jim has been involved in branch activities and active in APEGGA since 1993 as a member of the Board of Examiners. He has served on Canadian Engineering Qualifications Board committees and as Vice-Chair and Chair. He was elected to APEGGA Council in 2006 and elected Vice-President in 2008. These have been valuable experiences in understanding the roles and relationships of our individual Professional Members, other provincial and territorial regulation associations, the national associations and the provincial government in guiding the world-class, self regulated organization we call "APEGGA". He is committed to ensuring self-regulation for our profession.

Jim and his wife Janet live in Grande Prairie. They have three children. Jim enjoys time with family, working on his acreage and playing his guitars and violin. His passion is working with innovative and creative people.



- Member (1972-present)
- Mentor, Mentoring Program

Affiliations, Corporate or Community Service

- Chair, Grande Prairie College Foundation Board (2003-present)
- Investment Committee, Greater Grande Prairie Community Foundation (2003-present)
- Executive Director, Peace Region Economic Development Alliance – Innovation Network (2003-2007)
- Chair, Canadian Engineering Qualifications Board Committees (2002-2008)
- Instructor, Grande Prairie College – Leadership Programs
- Past Director, Grande Prairie Chamber of Commerce and United Way
- Rotarian and volunteer, minor hockey and soccer coach and school parent council and committees
- Chair, Wapiti Corridor Steering Team

Is the privilege of self-governance of the professions valuable to you as a Professional Engineer or Geoscientist?

Yes. Self-governance is an earned privilege that our Members enjoy and which benefits society. Our Members and their services are highly regarded by the public. Self-governance maintains the highest professional standards. Our profession is best led by Members who proactively meet all stakeholder needs. APEGGA must continually address challenges to self regulation to ensure Member and public interests are well served regardless of global, economic or other pressures.

What would you say or do to encourage a young person to enter the Engineering or Geoscience Profession?

I would describe rewarding careers awaiting them and how skilled and creative people build infrastructure, machines and processes that benefit society. I would share examples of how professionals contribute to our quality of life and are recognized by the public. I would describe the value of education in achieving these careers and find ways to personalize the opportunities our professions can offer. I would encourage with the thought "To change your world you must understand it".

APEGGA Activities

- Vice-President, Council (2008-present)
- Member, Finance Committee (2008-present)
- Member, Governance Committee (2007)
- Member, Council (2006-2007)
- Member, Strategic Planning Committee (2006-2007)
- APEGGA representative to Canadian Engineering Qualifications Board (2000-2002)
- Member, Board of Examiners (1993-present)

For President-Elect and Vice-President J.R.V. (DICK) WALTERS, P.ENG.

Dick was born in Calgary and spent his early years in Lethbridge before moving to Edmonton. He obtained a B.Sc. and an M.Sc. in civil engineering from the University of Alberta. His full-time career began as a structural design engineer with B.W. Brooker Engineering Ltd. In 1984 Dick and his partners founded Walters Chambers & Associates Ltd. where he continues his structural engineering practice. He led teams meeting the design challenges for the Edmonton LRT and the Shaw Conference Centre. Dick provided structural services internationally on several petroleum industry projects in Ecuador, Pakistan and the Arabian Peninsula.

Dick has been actively involved in APEGGA affairs since 1990 serving on the Discipline Committee, Practice Review Board, Professional Development Committee and Practice Standards Committee. Dick also served on the Edmonton YMCA Board and as the public representative on the Registration Committee for the Institute of Chartered Accountants. He represented APEGGA for 10 years on the Building Technical Council of the Safety Codes Council. Dick served as a member of the Northern Alberta Institute of Technology's architectural technology advisory group. He currently serves as the Chair of his condominium board.

Dick and his wife, Marilyn, live in Edmonton. They have adult children, Richard (Pamela) and Kathy and two grandsons, James and Duncan, living in Edmonton. Dick and Marilyn spend their free time at their Pigeon Lake cottage enjoying boating, sailing and the outdoors.



- Chair and Member, Practice Standards Committee (2000-2006)
- Chair and Member, Professional Development Committee (1997-2003)
- Chair and Member, Practice Review Board (1994-1997)
- Member, Committee on Continuing Professional Development (1994-1997)
- Member, Discipline Committee (1990-1994)
- Member (1964-present)

Affiliations, Corporate or Community Service

- Alternate Warden, Camp 6 Iron Ring (2003-present)
- Member and Chair, condominium board (1997-present)
- Public Member, Institute of Chartered Accountants Registration Committee (1996-1999)
- Member and Vice-Chair, Building Technical Council (1995-2006)
- Member, American Concrete Institute (1966-present)
- Member, American Society of Civil Engineers (1966-present)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

The privilege of self-governance is invaluable. It is the key to the successful governance system we have in place in Alberta. This privilege enables us, as professionals, to control the quality of professional services. As with all privileges we have from the Government there is a great responsibility to always act and be perceived to act in the public interest.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

I would say to any young person that they must have a love of science. If they have that love and would like to enter a profession where they can not only change society but also contribute to the well being of society, then our professions will give them that opportunity. There will be many rewards professionally and financially for those who pursue their chosen profession with passion and zeal, giving nothing short of their best.

APEGGA Activities

- Chair, Finance Committee (2008-present)
- Member, Governance Committee (2008-present)
- Member, Finance Committee (2007-present)
- Member, Council (2006-present)
- Member, Audit Committee (2006-2007)
- Member, Strategic Planning Committee (2006-2007)

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PRE-ELECTION SPECIAL SECTION

For President-Elect and Vice-President K. (KIM) FARWELL, P.ENG., MBA

Kim Farwell works for Syncrude Canada Ltd. and has lived in Fort McMurray for the past 14 years. She is respected as an industry expert in commercial bitumen extraction processes and her career has provided many opportunities including Operations, Research, Projects and Management. Kim is currently the Technical Lead for the Hydroprocessing Business Team.

Kim graduated in 1995 with a B.A.Sc. in chemical engineering from the University of Waterloo. She completed the Masters level Certificate in Oilsands Technology through the University of Alberta in 1998. She received an MBA from the University of Alberta in 2002 and was class valedictorian.

She received the APEGGA Summit Award® for Early Accomplishment in 2002 in addition to the APEGGA Voluntary Service Award.

As a Fort McMurray community leader, Kim participates in a wide variety of volunteer activities in addition to her board appointments. She is involved with local politics at all levels and was a campaign manager during the recent federal election. Kim stays fit by kayaking, skiing and yoga and enjoys the outdoor adventures on Fort McMurray's doorstep.



- Secretary, Fort McMurray Branch (2000-2001)
- Executive Member-at-Large, Fort McMurray Branch (1997-2000)
- Member (1996-present)

Affiliations, Corporate or Community Service

- Director, Fort McMurray Chamber of Commerce (elected 2008 for 2 year term)
- President, Electoral District Association (2007-present)
- Volunteer, Crohn's and Colitis Foundation
- Volunteer, Extraction & Distillation Be Safe Committee
- Member, Lower Townsite Area Redevelopment Plan Advisory Committee, Regional Municipality of Wood Buffalo

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

Self-governance is the single most important aspect of being a professional. It is the privilege of being permitted by government to set standards for ourselves, and provide the respective stewardship, support and disciplinary action to maintain those standards. It prevents other groups from influencing our standards without working with us directly. It is these privileges that give value to the titles Professional Engineer and Professional Geoscientist.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

My message has always been that these professions offer great challenge and reward. The degree alone provides problem solving skills that apply to every aspect of life. I then give encouragement by explaining that they will be part of one of the most respected professions in the world, particularly given our Canadian system. To top it off I discuss the opportunity to be part of the future; solving some of the biggest challenges facing our planet – energy supply, industrialization, infrastructure, while managing the respective impacts on the environment.

APEGGA Activities

- Member, Public Interest Issues Committee (2008-present)
- Member, Strategic Planning Committee (2005)
- Chair, Regulatory Task Force (2003-2004)
- Member, Inclusivity Task Force (2003-2004)
- Member, Council (2002-2005)
- Chair, Fort McMurray Branch (2002-2003)
- Vice-Chair, Fort McMurray Branch (2001-2002)

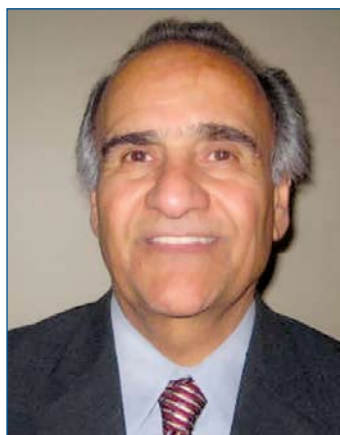
For Council S. (SHAHRAM) ASHRAFI, P.ENG.

Born in Tehran, Iran, Shahram Ashrafi received a B.Sc. from Pahlavi University in Iran in 1972, and an ME in mechanical engineering from Utah State University in 1977. Shahram moved to Calgary in 1998.

Shahram worked at different levels with the National Iranian Oil Company and Gas Injection Project Manager was the last position he held. Shahram joined Colt Engineering Corporation in 2001 and worked as senior mechanical engineer on different projects for Talisman, EnCana, and TransCanada alliances. He started mentoring young engineers in 2003 and is on the mechanical engineering department quality council. At this time, Shahram is the manager of engineering for the Talisman Prime Alliance at WorleyParsons Calgary.

Shahram has been an active APEGGA volunteer since 2004.

Shahram and his wife Mina live in NW Calgary. They have two grown children, Banafsheh and Babak. He enjoys playing soccer, gardening and travel.



Affiliations, Corporate or Community Service

- Member, APEGM (2008-present)
- Volunteer, Iranian Cultural Society
- Volunteer, WorleyParsons Calgary Mentor Program

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

I believe that self-governance is fundamental in exploring the true potential of the professions of engineering and geoscience. It fosters new ideas and innovations through an engineer's or geoscientist's creative mind. I find this privilege remarkably valuable for an engineer or geoscientist in becoming self-sufficient, as well as for the growth of a firm. Self-governance can be an important asset to anyone in a leadership position, using multiple sources of feedback to achieve the overall success of a firm and the communities involved.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

There are incredible opportunities available when it comes to alternative energy sources. As we become more conscious regarding the damage of fossil fuels on the environment, new engineers and geoscientists have the opportunity to invest in seeking new renewable and more sustainable sources of energy. These new, innovative discoveries will help minimize a firm's environmental footprint and guarantee a cleaner and safer environment. There is tremendous potential in the green technologies field and I encourage new scientists to invest skills, time and knowledge in the environment and the bettering of technologies.

APEGGA Activities

- Volunteer, graduate student workshop (2006)
- Volunteer, science night (2006)
- Volunteer, job event (2005)
- Member (2004-present)
- Volunteer, new Member induction ceremonies

For Council C.J. (COLIN) YEO, P.GEOL.

Colin was born, raised and educated in Dundas, ON, graduating from McMaster University in 1974 with an Honours B.Sc. degree in geology and geography.

He was recruited by Amoco Canada Petroleum Co. Ltd. and moved to Calgary where he held progressively senior positions throughout his 25 years with the company. In 1980, Colin was transferred to Tulsa, OK, for advanced petrophysical training and, upon his return, he held supervisory positions in exploitation and development, strategic planning, production business units and prospect generation teams. In 1999, he joined Petrorep Resources in the A&D group until 2000 when he



joined EnCana Corporation, first as an A&D Evaluations Geologist within the Shallow Gas BU and later as a Resource Development Manager. He is currently an Advisor in Corporate Business Development.

Colin, his wife Maryann, their two children and their spouses and two grandchildren live in Calgary.

APEGGA Activities

- Member, Geoscience Committee (2007-2008)
- Member (1977-present)

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PRE-ELECTION SPECIAL SECTION

For Council C.J. (COLIN) YEO, P.GEOL. (continued)

Affiliations, Corporate or Community Service

- Vice-President, President and Past-President, Canadian Society of Petroleum Geologists (CSPG), (2006-2008)
- Judge, Calgary Youth Science Fair (2004-2006)
- Member, Volunteer Management Committee, CSPG (2001-present)
- Services Director, Executive Committee, CSPG (1999-2000)
- Chair, Core Conference Committee, CSPG (1995)
- Chair, History and Archives Committee, CSPG (1988-1992)
- Leader, Boy Scouts of Canada (1981-1987)
- Chair, Media and Public Affairs, CSPG (1977-1980)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

Self-governance provides technical independence, societal prestige and professional influence while acting in the public's best interest. APEGGA's

authority over licensure, a code of ethics, skilled practice, continuing competence, right-to-title and a discipline process upholds the profession's reputation by protecting the public from incompetent or unethical practitioners. There is greater flexibility and lower cost in the regulatory process as peers develop better procedures faster as compared to others setting rules and standards for the profession.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

What I have said and done to encourage young people to enter the geosciences includes: giving grade six students presentations about the oil and gas industry and the role of geosciences in its development; inviting students to job shadow me to learn a geologist's daily work; and being technical advisor to the video trilogy, "Bridging the Future", which was provided to Alberta high schools, informing students of industry career opportunities.

For Council J.R. (JOHN) HOGG, P.GEOL.

John was born and raised in Hamilton, ON and attended McMaster University, earning a B.Sc. in geology in 1981.

Upon graduation, John joined Gulf Canada Resources, as an exploration geologist and has, through the last 27 years, held jobs of increasing responsibility with the energy industry in exploration and development of oil and gas deposits in Canada. John's employment history includes Gulf Canada, Husky Oil Operations and Petro-Canada as an exploration and development geologist with increasing levels of responsibility. With PanCanadian, EnCana, ConocoPhillips and now MGM Energy Corp., John has managed multidisciplinary teams of geoscientists and engineers in new venture roles. His current role is Vice President of Exploration at MGM Energy Corp. in Calgary. He is a member of the American Association of Petroleum Geologists (Certified Petroleum Geologist [CPG] #4620), the Canadian Society of Petroleum Geologists and the Society of Exploration Geophysicists. John has also been highly involved with the Canadian Society of Petroleum Geologists (CSPG), having received numerous volunteer awards including the CSPG President's Award in 1995 and 2005.

John and his wife Amy have two young adults attending school and John enjoys travelling, golfing and volunteering time to professional organizations.



Affiliations, Corporate or Community Service

- International Vice-President, American Association of Petroleum Geologists (2007-present)
- Member, Nova Scotia Offshore Technology Research Advisory Committee (2007-present)
- Member, Geoscience BC Technical Advisory Committee (2006-present)
- Associate Editor, Canadian Society of Petroleum Geologists (2005-2008)
- Past-President, Canadian Society of Petroleum Geologists (2004)
- President, Canadian Society of Petroleum Geologists (2003)
- Chair, Geoscience Selection Panel, Petroleum Research Atlantic Canada (2000-2006)
- Member Advisory Committee, Petroleum Research Atlantic Canada (2000-2006)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

Self-governance is the cornerstone of our two professions in Alberta. I think Members take this for granted and if we, as Members, are not careful, we could find ourselves governed by other professions appointed by the Government. Last year we saw a low voter turnout. If this continues, it would produce a Council that is not elected by the majority of the membership. For Members willing to serve on Council, please support self-governance by voting for the slate you believe would represent your views on Council.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

Our professions will experience, in the next 10 years, the retirement of the majority of the Baby Boomer Generation, the largest population group in North America. This presents enormous opportunity for young professionals. Our professions will always need innovative scientists and engineers to find, develop and build for the betterment of the province. The ability of young professionals to learn from mentors who started university with a slide rule and retired with a computer on their desk will be invaluable to their future in the profession.

For Council J.R. (JOHN) WHITTIER, P.ENG.

John is an Electrical Engineering graduate from McMaster University who has 24 years experience in the electronic communications industry. He has been active in the design, development, and integration of several leading edge technologies. He has participated in the introduction of retail debit terminals, computer integration of office phone equipment, voice mail, wireless data modules and the global deployment of wireless (cellular) data connectivity in laptops. His Senior Director Engineering role at Novatel Wireless provided daily interaction with internationally based engineering teams, wireless carriers, regulation bodies, laptop computer industry developers and contract manufacturers alike. Operating daily with global engineering teams led him to question the relevance and value of a provincially based licensing body.

Although his engineering career has focused on electronic and computer integration he has not been a stranger to heavy industry. In his early years he worked as a (smoke) stack sampler for the Environmental Chemistry Department at the



Ontario Research Foundation and held a summer student position with Atomic Energy of Canada. After working at International Verifact integrating displays on hand held debit terminals he moved to Calgary in 1988 to develop small PBX equipment with Northern Telecom. He left Nortel (Northern Telecom) in the year 2000 and joined the Calgary Novatel Wireless engineering faculty.

John believes there would be great value in APEGGA providing a more tangible and visible role in Alberta society. APEGGA could, for example, act as a factual and independent information source on the Oil Sands, neither pro nor anti, to raise the profile of APEGGA. In other words rebuff misinformation when presented in the media. He also believes there should be a transition to a national licensing professional organization with reduced dues and increased value which would raise recognition due to greater membership and influence. He seeks a reduction in APEGGA dues. Profession Engineers Ontario dues are \$231 per year and APEGGA dues are \$280 per year.

John is married, has four kids, plays hockey in the Calgary Electronics League, volunteers as an assistant coach for minor hockey and enjoys skiing, hiking and surfing. Two of his daughters plan to attend first year engineering in the fall 2009.

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PRE-ELECTION SPECIAL SECTION

For Council J.R. (JOHN) WHITTIER, P.ENG. (continued)

APEGGA Activities

- Member (2004-present)

Affiliations, Corporate or Community Service

- Assistant coach, minor hockey

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

Evaluating the merits of having a privilege is not very relevant to me as a Member. Professional directions which I do value include seeking a reduction in the dues paid by Members. Eliminate overhead from the Continuing Professional Development program. Reduce APEGGA staffing level. Return licensing activities to more agnostic view rather than targeting specific demographics. I would seek creation of an optional

pension plan for APEGGA Members, similar to the Ontario Teachers' Pension Plan. Instead of enforcement APEGGA should provide a significant incentive such as an associated pension plan corporation, which could increase compliance.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

I would provide encouragement to anyone considering engineering or geoscience as a career. I would point out that APEGGA has pressing deficiencies to be addressed. The world has gone global and APEGGA has not. Provincially-based accreditation is out of alignment with our work environment. The first step would be to lobby for a modification to Provincial legislation and seek Federal legislation to link individual provincial organizations to create a Canada-wide professional organization. If APEGGA takes a leadership role in this activity then the Alberta-based interests of our engineering/geoscience Members could be secured.

For Council M.R. (MARLIN) SCHMIDT, P.GEOL.

Marlin was born in Edmonton and raised in rural Alberta and Saskatchewan. He obtained a B.Sc. with a major in chemistry in 2000 from Queen's University in Kingston, ON, and an M.Sc. in applied environmental geosciences in 2002 from Eberhard Karls University in Tuebingen, Germany.

Since 2002, Marlin has worked as a hydrogeologist focusing on the remediation of contaminated sites. He spent five years working as a consultant and is currently employed at Alberta Environment where he works as a soil and groundwater contamination specialist for the ministry's Northern Region.



How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

The privilege of self-governance is the ultimate expression of the public's trust in us to act professionally and in the public interest. That trust is valuable because it allows us to work in the fullness of our calling as Professional Engineers and Geoscientists. Trust is hard to win and easily lost; we must be vigilant and ensure that we act to preserve it.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

Engineers and geoscientists have the knowledge and skills to provide the energy, materials, and technology to improve the lives of those around us. Our work produces tangible results; we can see what we produce and the benefits that has on our communities, which is very rewarding. The challenge of solving problems keeps the work interesting and provides opportunities for creative thinking and continual personal growth.

APEGGA Activities

- Member (2006-present)

Affiliations, Corporate or Community Service

- Member, Engineers Without Borders
- Member, International Association of Hydrogeologists

For Council S.S. (SHADIE) RADMARD, P.ENG.

Shadie graduated from the University of Alberta's civil-environmental engineering program in 2002.

One of her co-op placements was with ATCO Gas and after graduating she continued to work for them as a Distribution Engineer, designing and managing distribution projects. In May 2005, Shadie left Distribution to accept a position with ATCO Gas's Environment & Quality department. One of her assignments in this position was to understand issues related to greenhouse gas emissions and in 2006 she presented a paper on Fugitive Emission Measurement at the Canadian Gas Association Measurement School. Later in the same year, Shadie moved to Enbridge Pipelines Inc. to work in their Facilities Integrity Department where she continues to work on a number of challenges related to the integrity of oil storage and pumping facilities. One of these challenges is the inspection of facility piping that is difficult to inspect using standard techniques and she recently presented a paper on the subject at the 2008 International Pipeline Conference in Calgary.

Shadie has enjoyed volunteering as Vice-Chair, Chair and now Past-Chair of APEGGA's Edmonton Branch and is looking forward to other opportunities to serve her profession.

Shadie was born and raised in Toronto but now considers Edmonton home. Shadie and her husband James Brown enjoy organizing community events and travelling and will continue their travels with a new addition to the family in spring 2009.



APEGGA Activities

- Past-Chair, Edmonton Branch (2008-present)
- Chair, Edmonton Branch (2007-2008)
- Vice-Chair, Edmonton Branch (2006-2007)
- Member (2002-present)
- Volunteer, various APEGGA Outreach Program Events (2001-present)

Affiliations, Corporate or Community Service

- Organizer, Annual Neighbourhood Block Party (2007 and 2008)

Is the privilege of self-governance of the professions valuable to you as a Professional Engineer or Geoscientist?

I feel proud to belong to a self-governing profession. Only the qualified and the competent are allowed to practice and we ourselves are responsible for making that collective judgment. The public is confident that we are capable and ethical and that inappropriate conduct of a Member is disciplined by the governing body (APEGGA), and I feel a responsibility to uphold that confidence.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

Engineering provides ample scope for a challenging and rewarding career and skills that transfer to non-technical challenges. Canadian engineers in particular are in high demand and can find work anywhere in the world because we are known to practice engineering according to the highest technical and ethical standards. If you choose engineering you will be supported by both peers and mentors willing to share their knowledge and experience and impart the values that define engineering.

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For Council **K. (KAREN) HENRY, P.ENG.**

Karen recently returned to Alberta to take up residence in Didsbury. Raised in a military family in Petawawa, she moved to St. Catharines, ON to attend Brock University where she earned a BA in drama. After 10 years of stage managing in professional theatre in Manitoba and Alberta, Karen returned to school in Edmonton. She graduated with distinction from the University of Alberta with a B.Sc. in civil engineering.

She worked for Public Works and Government Services Canada, first as a summer student and continuing after graduation. In 1998, she moved to Inuvik, NWT to be a Project Officer with the territorial government. After successive promotions, Karen was transferred to Hay River as Regional Project Manager. She also managed maintenance operations in the area. In January 2009 she started a new job with the Government of Alberta managing the capital program for schools in the southern region.

Karen and her husband Frank plan to enjoy their new close proximity to family, including grandchildren, as well as the mountains for camping and motorcycling.



Affiliations, Corporate or Community Service

- President, Northwest Territories Association of Professional Engineers and Geoscientists (NAPEG), (2008-2009)
- 1st Vice-President, NAPEG (2006-2008)
- Councillor, NAPEG (2003-2006)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

As a participant in a self-governed profession I have the ability to innovate beyond the confines of regulations. Along with other professionals, I benefit from the prestige the profession gives me, as long as the trust society places in the profession is preserved. I promote participation in APEGGA and affiliated organizations – for example by encouraging Members to exercise their voting privilege – to lend credibility to staff and executives working to preserve self-governance.

What would you say or do to encourage a young person to enter the Engineering or Geosciences profession?

For young people the hardest decision may be to find a career that feeds their passion. I try to find opportunities to show to anyone looking at career options how I and other engineers and geoscientists are passionate about our work. Bring-your-child-to-work day, career fairs, site visits to schools or community centres and casual contact are all opportunities to make an impression. One vivid impression can last for years.

APEGGA Activities

- Member (2000-present)

For Council **K. C. (KEN) PORTEOUS, P.ENG., PHD**

Ken was raised in Chatham, ON and earned a bachelor's degree in chemical engineering at McGill University. Following graduation, he worked as a process engineer before pursuing graduate studies at the University of Delaware, earning Masters and PhD degrees in chemical engineering in 1969 and 1971 respectively. In 1971, he joined Syncrude Canada Ltd. and over the next 14 years held positions ranging from Research Engineer to management positions in research, corporate planning and information systems. In 1980, he attended the executive management program at the University of Western Ontario.

Since 1985, Ken has been an Associate Dean in the Faculty of Engineering at the University of Alberta. His areas of responsibility include the Co-op program and student services. He is the co-author of a text book on engineering economics and serves on a number of university and faculty committees. He was seconded to manage the university's administrative and academic computing services for a two-year period starting in 1989.

An APEGGA Member since 1976, Ken has served the Association in various roles including Councillor and Vice President. In addition to APEGGA, Ken has been an active member of the Canadian Society for Chemical Engineering serving in various positions including Director and President of the Society.

Ken and his wife, Helen, have two married daughters and three grandchildren. In his spare time, Ken enjoys reading, travelling, playing squash and hiking in the mountains.



- Member, Finance Committee (2005-2007)
- Member, Council (1999-2002)
- Member, University of Alberta Student Liaison Committee (1995-present)
- Member, Communications Coordinating Committee (1995-1996)
- Member, Nominating Committee (1988)
- Chair, Task Force on Engineering Supply and Demand Projection (1986-1987)

Affiliations, Corporate or Community Service

- Fellow, Engineering Institute of Canada (2004)
- Member, Canadian Association for Cooperative Education (1985-present)
- Fellow, Canadian Society for Chemical Engineering (1963-present)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

Self-governance and a broad membership base of registered professionals who are willing to serve within APEGGA's governance structure are the Association's greatest assets. The alternative would be a government appointed body which made decisions affecting the professions. While Members may not always agree with the decisions taken by Council, we can all take great comfort that these decisions are made by our elected professional colleagues who understand the underlying rational and implications and have debated the matter thoroughly before coming to a decision.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

The two most significant factors in encouraging a young person to enter engineering or geoscience are role models and direct observation/experience. In both instances, the young person learns about the profession and is excited by its opportunities, challenges and rewards. Putting young people in contact with engineering students or professionals who can share his/her experiences is easy to arrange. The observation/experience part is age dependent and can run the gambit from participation in summer engineering/geoscience camps, job shadowing and paid summer positions.

APEGGA Activities

- Vice-President, Council (2006-2007; 2005-2006)
- Member, Emerging Disciplines Task Force (2006)
- Member, Aboriginal Affairs Committee (2005-present)
- Chair, Board of Examiners Policy Review Task Force (2005-2007)

For Council **B.D. (BRAD) HOWE, P.ENG.**

Immediately after completing a B.Sc. degree in mechanical engineering from the University of Saskatchewan in 1997, Brad made the move to Alberta and has enjoyed every moment since.

Brad is a mechanical engineer with over 10 years as a practicing engineer in the province of Alberta. Starting in Lloydminster, AB for a five-year career stop with a small consulting firm, Brad then moved further west to Red Deer, where he currently resides. Brad worked for three years at a Red Deer manufacturing firm where he progressed from a project engineer to the engineering supervisor. From 2005 until the present, Brad has been employed by NOVA Chemicals as a Finishing Contact Engineer in



the Advanced Sclairtech Polyethylene plant.

Brad has been involved with APEGGA since receiving his P.Eng. designation in 2001, serving on the Vermilion River Branch from 2001 to 2002, then on the Central Alberta Branch from 2002 to present. He held the position of Chair of the Central Alberta Branch from 2004 to 2006, and has been involved in various volunteer opportunities with the Student Outreach Committee.

Brad, his wife Krista, and their five children live in Red Deer and enjoy outdoor family activities.

APEGGA Activities

- Chair, Central Alberta Branch Nominating Committee (2006-2007)
- Past-Chair, Central Alberta Branch (2006-2007)

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POLLS OPEN March 2, 9 a.m.
POLLS CLOSE April 5, 12 noon

PRE-ELECTION SPECIAL SECTION

For Council B.D. (BRAD) HOWE, P.ENG. (continued)

APEGGA Activities (continued)

- Chair, Central Alberta Branch (2004-2006)
- Member, Central Alberta Branch (2002-present)
- Member, Vermilion River Branch (2001-2002)

Affiliations, Corporate or Community Service

- Volunteer, Red Deer Hospice Society (2007-2008)
- Volunteer, Fort Normandeau Historic Site (2006-present)
- Volunteer, Red Deer Museum (2006-present)
- Volunteer, Red Deer Public Library (2006-present)
- Volunteer, Kerrywood Nature Centre (2005-present)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

The Government of Alberta is required to legislate groups whose activities

directly affect public safety and well being. However, regulation and management of APEGGA Members is best done by APEGGA Members, where the knowledge and experience of our professions can be drawn upon. Maintaining the trust of the legislators to allow APEGGA's self-governance to continue is of utmost importance to uphold APEGGA's credibility and avoid ill-informed and reactionary changes to the legislation when unusual situations arise.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

As I do with my own children, I would cite examples of their everyday life where engineering and geoscience knowledge was used to develop and provide an essential product or service, something they likely take for granted. I would also encourage them to think of at least one way to improve something around them and to never think that anything is impossible. I would then add that they are now thinking like engineers and geoscientists.

For Council T.J. (TIM) CARTMELL, P.ENG.

Tim was born, raised and educated in Edmonton. At the University of Alberta, he completed a B.Sc. in civil engineering (structural) in 1988, and a Masters of Engineering in engineering management (Department of Mechanical Engineering) in 1995.

Tim is the Director of Facilities and Infrastructure at Edmonton Northlands. He is responsible for all maintenance and capital improvement projects at the Northlands site in Edmonton. Prior to joining Northlands, Tim spent 17 years as a consulting engineer, including seven years during which he owned and operated his own consulting firm. In 2005, he joined APEGGA as the Manager of Investigations, responsible primarily as the APEGGA liaison to the Investigative Committee.

Tim, his wife Cathy, and their three school-age children, make their home in Edmonton.



- Member, South West Area Teams Executive (2006-present)
- President and Member, Riverbend Community League Executive (2004-2006)
- Member, Terwillegar Riverbend Advisory Council (2004-present)
- Member, City of Edmonton Trails and Pathways Advisory Committee (2003-2005)
- Member, Capital Health Authority Southwest Community Health Council (1998-2004)
- Member, Canadian Society for Civil Engineering (1989-2005)

How valuable is the privilege or self-governance of the professions to you as a Professional Engineer or Geoscientist?

The privilege of self-governance is granted to engineers and geoscientists by the Province of Alberta and in the absence of self-governance, regulation of engineering and geosciences would presumably become a bureaucratic government function. In that instance, engineers would be held to a much lower threshold of licensure. There is profoundly significant value in the ability to state that my peers hold me accountable to a high ethical standard, and not just the minimum standard of a governmental regulation.

What would you do or say to encourage a young person to enter the Engineering or Geoscience profession?

I would describe the wide variety of work tasks I have had, the many places I have had the privilege of travelling to, and the many people I have met and worked with during my career. I would describe the excitement in watching the fruits of my labour take shape on a construction site. Finally, I would emphasize how a career in engineering or geoscience can lead to so many other rewarding pursuits, and contrast those opportunities with those to be had in other careers.

APEGGA Activities

- Chair, Honours and Awards Committee (2003-2004)
- Member, Honours and Awards Committee (2001-2002)
- Member, Practice Standards Committee (1997-1999)
- Member, Discipline Committee (1988-present)

Affiliations, Corporate or Community Service

- Vice President Tiering, South West Area Teams Executive (2008-present)
- Member, Project Management Institute (2007-present)

For Council V.N.S. (VINCENT) CHIEW, P.ENG.

Vincent Chiew has been proudly calling the City of Calgary home for over 27 years. He graduated from the University of Calgary with a B.Sc. in Electrical Engineering in 1991, a B.Sc. in Computer Science in 1997 and an M.Sc. in Software Engineering in 2003. Currently he is pursuing his PhD in Cognitive Informatics in engineering on a part-time basis.

Vincent's diverse industry experience includes seismic processing, health, restaurants, travel, control systems, military, and municipality. Presently, he is an Information Security Advisor with Petro-Canada.

Vincent started volunteering for APEGGA in the Outreach Program to promote science and mathematics to elementary students. Later, he joined the Communications Planning Committee so he can contribute to projects such as branding, inclusivity, annual reports, strategic plans and ad promotion campaigns. He is still an active participant in activities such as the Enforcement Review Committee, the Mentoring Program, Career Fairs and Presentations, Internationally Educated Graduates' (IEG) Events, and Professional and Ethical Conduct presentations.

Vincent and Susan have three wonderful children, ages eight, six and three. They both enjoy Ballroom, Latin and Country Western dancing.

APEGGA Activities

- Member at Large, Calgary Branch Executive (2009-present)
- Recipient, APEGGA Volunteer Service Award and Mentoring Award (2008)



- Presenter, Professional Conduct and Code of Ethics (2007-present)
- Member, Enforcement Review Committee (2006-present)
- Member, Communications Planning Committee (2004-present)
- Mentor, Mentoring Program (2004-present)
- Member, Communications Coordinating Committee (2002-2003)
- Volunteer, Outreach Program (1999-present)
- Member (1991-present)

Affiliations, Corporate or Community Service

- Vice-Chair, Colonel Sanders School Parent Council (2007-present)
- Associate Vice-President, Project Management Institute Southern Alberta Chapter (2007-present)
- Director, Canadian Information Processing Society Alberta (2006-present)
- Advisory Board Member, IEEE/ASQ Software Quality Discussion Group (2006-present)
- Advisory Committee Member, Standard Council of Canada (2006-present)
- Member and Mentor, Association for Computing Machinery (2005-present)
- Past Member and Director, City of Calgary Society of Professional Engineers (2003-2007)
- Research Member, Theoretical and Empirical Software Engineering Research Centre (2002-present)

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POLLS OPEN March 2, 9 a.m.
POLLS CLOSE April 5, 12 noon

PRE-ELECTION SPECIAL SECTION

For Council V.N.S. (VINCENT) CHIEW, P.ENG. (continued)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

The privilege of self-governance is extremely valuable to me because it enables us as professionals to provide unique knowledge and expert services to the public. In return, we earn the trust and respect from the public for ensuring safety for all with respect to the environment and all life forms.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

I have been actively involved in both APEGGA's Outreach and Mentoring programs. Outreach program gives me the opportunities and tools to present and promote our professions to elementary students. Mentoring program enables me to focus on individuals in the early part of their professional careers. I will continue my contributions in both programs to support APEGGA's effort in attracting and retaining potential young professionals are strategically sustainable for the future growth of our professions.

For Council H.A. (ALLEN) SWANSON, P.ENG., ACP

Allen obtained his B.Sc. in Civil Engineering (preceded by a B.Sc. in Forestry) from the University of Washington. Subsequently, Allen received an M.Sc. in Civil Engineering from the University of Michigan in 1968, specializing in transportation engineering.

Allen has been President of Swanson Transportation Consultants for 25 years, specializing in transportation planning, traffic engineering and expert witness services in the areas of road design and traffic control as it pertains to litigation rising out of traffic collisions. He co-authored the current Canadian traffic signal installation warrant methodology and has also served as the principal researcher on a project for the US Federal Highway Administration to assess traffic sign symbols. He was also the inventor of the parking activity index. His service to the transportation engineering profession resulted in his being the first Canadian to be awarded the Burton W. Marsh Distinguished Service Award from the Institute of Transportation Engineers. He also received the Ted Seeberg Award from the Canadian Parking Association.

Allen has been involved with a number of transportation related professional institutes and trade organizations. For APEGGA, Allen was a member for multiple terms for the Career Development Advisory Committee, the Professional Development Committee and the Honours and Awards Committee.

Allen is married to Valerie, a native Calgarian, and they have lived in Calgary for over 40 years. Their one daughter, Kerensa, is also an APEGGA Member. Allen's personal interests are cooking, music, professional theatre and travel.



- Member, Career Development Advisory Committee (1989-1990)
- Member (1967-present)

Affiliations, Corporate or Community Service

- Chair, Calgary International Airport Development Appeal Body (2008-present)
- Member, Transportation Committee, 1988 Calgary Olympic Winter Games Organizing Committee (1983-1986)
- Member, Chair (13 years) and Vice Chair (10 years), Board of Direction, Calgary Parking Authority (1980-2006)
- Member, City of Calgary Traffic Management Committee (1979)
- Member, National Committee on Uniform Traffic Control Devices, Transportation Association of Canada (1972-2000)
- Chair, Vice-Chair and Secretary/Treasurer, Canadian District of the Institute of Transportation Engineers (1975-1982)
- President and Member (Board of Direction), Alberta Safety Council (1969-1976)

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

I believe that it is of paramount importance to protect the self-governance foundation of APEGGA. Self-governance defines professionalism.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

I believe that engineers make an important contribution to the betterment of mankind and the environment in which we live. I would outline the diversity of opportunities in the engineering profession. I would use my daughter as an example of a young person excelling in the engineering profession both in the diversity of her work experience and how she has demonstrated her leadership skills.

APEGGA Activities

- Member, Honours and Awards Committee (1993-1995)
- Member, Professional Development Committee (1991)

For Council B.R. (BRUCE) PEACHEY, P.ENG.

Bruce was born and grew up in Regina, SK, receiving his B.Sc. degree in chemical engineering from the University of Saskatchewan in 1976.

After graduation, Bruce joined Imperial Oil in Calgary and held numerous positions in support of Imperial Oil's upstream operations, including process design, production engineer, on-site engineer for the Cold Lake Leming Pilot Expansion, project engineering section head for Cold Lake Operations and completion of Phases 1-2 and 5-6 of the Cold Lake Commercial Project, Cold Lake Operations Technical Services Superintendent, and Battle River Area Senior Facilities Engineering Specialist. In 1991, he left Imperial Oil and formed New Paradigm Engineering Ltd., in Edmonton where he serves as president and senior consultant to various clients on projects related to ongoing development of technologies for more sustainable development of conventional and unconventional oil and gas resources. Through New Paradigm, he has helped develop and patent new concepts such as downhole oil/water separation, novel immiscible gas oil recovery processes and low-cost, catalytic methane conversion units for methane vents.

Bruce has been a Member of APEGGA since 1981 and Responsible Member for New Paradigm since 1991. His main involvement with APEGGA has been in support of professional development activities in association with the Canadian Society for Chemical Engineering, as part of a team developing a Core Body of Knowledge for Chemical Engineering in support of Engineers Canada, and has been active in APEGGA's Outreach Program for more than five years.

Bruce, his wife Anne, and two daughters live in south Edmonton and enjoy travel during the summer and spring school breaks.



APEGGA Activities

- Volunteer, Outreach Program (2003-present)
- Member (1981-present)

Affiliations, Corporate or Community Service

- Chair, Energy Subject Division Chemical Institute of Canada (2007-present)
- Board Member, Canadian Society for Chemical Engineering (1997-1999)
- Board Member, Petroleum Technology Alliance Canada (1996-2004)
- Member, CSCHE Edmonton Section Executive Committee (1994-present)
- Alternate Warden, Camp 6 Iron Ring Ceremony

How valuable is the privilege of self-governance of the professions to you as a Professional Engineer or Geoscientist?

Even in simpler times, with less complex technologies, society understood that most people impacted by professionals such as doctors, lawyers, engineers and geoscientists had too little knowledge of the science and practice of those skills. As complexity and technology increases they need to feel confident that those designing the systems they rely on are competent and responsible. APEGGA's challenge is to be able to adapt to changes in society to maintain the public's confidence.

What would you say or do to encourage a young person to enter the Engineering or Geoscience profession?

I would encourage them to become involved in a profession that matters. Other jobs and careers can provide income, security, power or fame, or they may improve the well-being of a few individuals, but engineers and geoscientists work in areas which can improve the lives of, or inspire, thousands or even millions of people.

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