



# APEY

Association of  
Professional Engineers of Yukon

## Education and Professional Development

- Yukon 2012
- Shad Valley Summer Program
- Climate Change Workshop
- Are You Canada's Smartest?

Update: Continuing Professional Development

Message from the President

Scholarships & Awards

Registrar's Report

APEY Newsletter

January 2012



# Contents

**Registrar's Report - Page 2**

**President's Message - Page 4**

**Yukon 2012:**

**CFES Congress - Page 7**

**Continuing Professional**

**Development Update - Page 8**

**Yukon Engineering**

**Excellence Award - Page 10**

**From APEGGA: Opinion and Comment - Page 13**

**Are You Canada's Smartest? - Page 16**

**2011 APEY AGM: In Pictures - Page 17**

*Plus: In Need of Mining Engineers: P. 6, Building Block for*

*Women in Engineering, Engineering Matters of the Heart: P. 11,*

*Shad Valley Summer Program: P. 17.*

## Registrar's Report

### Executive

Carl Friesen, President  
Ryan Martin, Past President  
Paul Murchison, Vice President

### Council

Brian Crist, Councillor  
Kirn Dhillon, Councillor  
Chris Dixon, Councillor  
Drew Pearson, Appointed Public  
Officer  
Virginia Sarrazin, Councillor  
Dick Stillwell, Councillor

### Officers

Cord Hamilton, Engineers Canada  
Director  
Richard Trimble, Registrar  
Sandy Birrell, Secretary Treasurer

### Staff

Bruce Underhill, Executive  
Director  
Kim King, Office Manager

### **New Members in 2011 (Current to November 2011)**

Iain Gordon Bruce, P.Eng.  
Paul Albert Joseph Dufault, P.Eng.  
Christine Patterson, P.Eng.  
Kevin Lacroix, P.Eng.  
Ramin Madani, P.Eng.  
Kriss Sarson, P.Eng.  
Darryl Patrick Cann, P.Eng.  
David Morissette, P.Eng.  
Peter Carlo Pietramala, P.Eng.  
Christopher Cullingham, P.Eng.  
Lorne Stanley Lapham, P.Eng.  
Petrus Jacobus Pretorius, P.Eng.  
Kelly Lynne Forseth, P.Eng.  
Peter Chee Lung Chan, P.Eng.  
Levi Stanton Blumhagen, P.Eng.

# Registrar's Report

Joal Leslie Borggard, P.Eng.  
Juha Pekka Helmer Sjoman, P.Eng.  
Kenneth John Arthur Christison,  
P.Eng.  
Nicolas Justin Charles Nazar, P.Eng.  
Piotr Kazimierz Kuras, P.Eng.  
Randa Khalil, P.Eng.  
Nasser Koochek, P.Eng.  
Gustavo Daniel Marjovsky, P.Eng.  
Jacques Blanchet, P.Eng.  
Md. Malik Lasker, P.Eng.  
Sandra Orban, P.Eng.  
Katie Margaret Munroe, P.Eng.  
Pascal F. M. Broeckx, P.Eng.  
Axel Ernst Heinrich Uderstadt, P.Eng.  
Siyuan Ren, P.Eng.  
Andrew David Boettcher, P.Eng.  
Greg Small, P.Eng.  
Holger Heinz Hartmaier, P.Eng.  
Alexandre Leclair, P.Eng.  
Ravi Edwin Abraham, P.Eng.  
Michel Gagnon, P.Eng.  
Robert David Sinclair, P.Eng.  
Siu Fung Ma, P.Eng.  
Jonathan Bruce Keiser, P.Eng.  
Gregory Ian Johnston, P.Eng.  
John William Craig Boyle, P.Eng.  
Dalton Lakshman Wani, P.Eng.  
Tjandra Wibisono  
Tjondrotekodjojo, P.Eng.  
Richard Norman Anthony Sawyer,  
P.Eng.  
Mahmoud Zandi, P.Eng.  
Melissa Ann Magnuson, P.Eng.  
Tracy Dale Rockwell, P.Eng.  
Andrew Bruce McLellan, P.Eng.  
Azim Vira, P.Eng.  
Sandeep Sharma, P.Eng.  
Valerity Kovalishyn, P.Eng.  
Malcom John Alexander Swallow,  
P.Eng.  
Michael Peter Naylor, P.Eng.  
Travis Jess Brown, P.Eng.  
Seamus Patrick Shaw Parker, P.Eng.  
Andrew Karl Rath, P.Eng.  
Douglas Elliott Sweeny, P.Eng.  
Jaroslav Naus, P.Eng.  
Glen Dagenais, P.Eng.  
Douglas Smith, P.Eng.  
John (Jack) Bowers, P.Eng.  
Lester Marr, P.Eng.  
Patrick Thomas Stancombe, P.Eng.

Brent Patrick Carmichael, P.Eng.  
Christopher John Hewitt, P.Eng.  
Piotr Gryc, P.Eng.  
George Douglas McRae, P.Eng.  
Walter Neil Brazier, P.Eng.  
Dean Kenneth Wall, P.Eng.  
Qingchun (Richard) Liu, P.Eng.  
Sombewende Theophile Yameogo,  
P.Eng.  
Ralph D. Rempel, P.Eng.  
Kathleen June Marie Hanley, P.Eng.  
Jonathon G. Dixon, P.Eng.  
Julien Plourde, P.Eng.  
Joshus Anton Tiner, P.Eng.  
Nicole Marie Wright, P.Eng.  
Victor K. L. Wong, P.Eng.  
Micheal Arthur Thomas O'Kane,  
P.Eng.  
Daniel Craig Evans, P.Eng.  
Warren Bradley McLeod, P.Eng.  
Manny Mudhar, P.Eng.  
Graham Elmer John Olney, P.Eng.  
Cynthia Roseanne Prescott, P.Eng.  
Frederick Angus Baker P.Eng.  
Xue (Shirley) Chen, P.Eng.  
Christopher Allan Graham, P.Eng.  
Paul Jacques Bredenkamp, P.Eng.  
Jared Buchko, P.Eng.  
Robert Johnson, P.Eng.  
Brent Douglas Fehr, P.Eng.  
Ganeshu Murali, P.Eng.  
Xichang Zhou, P.Eng.  
Venkatesh Narayan, P.Eng.  
Robert S. Black, P.Eng.  
Daniel Albert Rauscher, P.Eng.  
Yuben Soo, P.Eng.  
James Kenneth Morrison, P.Eng.  
Jeremy Curtis Paul Araki, P.Eng.  
Stephen Kwok Chi Siu, P.Eng.  
Andre Claude Gilbert Gagnon, P.Eng.  
Kristopher David McMenamon,  
P.Eng.  
Bruce Duane Lee, P.Eng.  
Aaron Hugh Harper, P.Eng.  
Winston Dunderdale Stothert, P.Eng.  
Maurice Anthony Dee, P.Eng.  
Alfred Dune, P.Eng.  
Ed Milan Grozic, P.Eng.  
William Gerald Hodgson, P.Eng.  
Michael Jeremy White, P.Eng.  
Milenko Vujicic, P.Eng.  
William Allen, P.Eng.

Stanley Edward Denhoed, P.Eng.  
Bryce James Hunter, P.Eng.  
Paul Kompauer, P.Eng.  
Byron O'Connor, P.Eng.  
Kyle Aaron Rolling, P.Eng.  
Brian Wray Stevens, P.Eng.  
Yesh Pal Sharma, L.L. Eng.

## New EIT's

Gwenda Mayafitri Sulem  
Luke Wadey  
Dylan Stewart  
Paul Ian O'Connor

## New Permits to Practice

- Braemar Building System Ltd.
  - DGH Engineering
  - Highland Geomatics
  - High Engineering Corp.
  - Uderstadt Associates Inc.
  - Corix Water Systems Inc.
- ADB Structural Engineering Inc.
  - Structural Solutions Engineering Inc.
  - SMS Engineering Ltd.
  - EnGlobe Corp.
  - Smith and Anderson Consulting Engineering
- W.N. Brazier Associates Inc.
  - Swallow Services Ltd.
  - Canbar Inc.
- Dyregrov Robinson Inc.
  - Bruns-Pak MEP LLC
- M. A. O'Kana Consultants Inc.
  - O & S Engineering International Inc.
  - Trylon TSF Inc.
- Aboriginal Engineering Ltd.
  - Tlich Engineering & Environmental Services Ltd.
  - Scheunhage Popek & Associates Ltd.
- Wildstone Construction & Engineering Ltd.
  - Onsite Engineering Ltd.
  - SKC Engineering Ltd.
  - SES (Engineering) Ltd.
  - Doppelmayer Canada Ltd.
  - Rymad Engineering Inc.
  - Urban Systems Ltd.
- Boudreau-Espley-Pitre Corporation operating as BESTECH



# President's Message

APEY is maturing!

Due to the hard work of many individuals, APEY has advanced significantly in the past few years. This trend will continue with your help, appropriate levels of staffing and the hiring of consultants.

This recent expansion began in 2007, after a couple of years with no Executive Director and the comings and goings of various office managers. The hiring of our very competent Office Manager, Kim King and Executive Director Bruce Underhill, gave APEY the staff to start moving forward.

Supporting this staff are 3 very dedicated volunteers, Registrar - Richard Trimble, Secretary/Treasurer - Sandy Birrell and Engineers Canada Director - Cord Hamilton. This core of 5 has been guided by committed

APEY Councils; most recently lead by, Past Presidents, Ryan Martin and Cord Hamilton (yes he wore multiple hats). The Councillors over this period of time have come from both the private sector and government and have been dedicated, to your association. Many are serving multiple terms which has given this period stability and ensured good management. Our newest Public Member of Council, Drew Pearson, is dedicated, shows a high level of interest, offers important insight and provides an invaluable legal perspective.



*L-R: Ryan Martin, Cord Hamilton, Bruce Underhill and Carl Friesen.*

In addition to the above individuals we have a number of very dedicated Committee chairpersons and committee members. CPD committee chair, Rod Savoie,

Audit Committee chair Elden Pfeiffer and Awards and Social Committee chair Sarah Sternbergh. Without this important committee leadership, APEY would have difficult functioning. I thank all our committee members.

Today, all of these individuals are active in their roles, but there will be a turnover shortly.

Cord Hamilton will be stepping down in the spring of 2012 after many years of service as our Engineers Canada Director. Thank you so very much for all you have

done and continue to do for APEY. We are, however, very fortunate to have found former President Catherine Harwood who is willing to take on this very important role as APEY's Director with Engineers Canada.

Sandy Birrell, after 6 years of service, is stepping down as Secretary/Treasurer and we will miss her. Her experienced shoes will need to be filled, following our AGM in March 2012. Please let us know if you are interested.

Our half time Executive Director, Bruce Underhill has indicated that his tenure will be coming to an end in the near future. Bruce is being very graceful in giving us flexibility in his departure date, which will greatly assist in properly replacing him. We are in the midst of hiring for that position and will be making this a full time position. In our recent advertising for an Executive Director, we have been very successful in receiving interest from a solid group of Yukoners. It is the intention of Council to also retain Bruce for a period of time, to pass the reigns off properly and to also allow for short term increased capacity, to dedicate to some understaffed endeavours we wish to complete.

This winter, the Nomination Committee (Past President Ryan Martin) will be searching for two councillors to replace those leaving council next March. I urge all our members to consider taking a role in this exciting time for APEY!

Please contact Councillors or staff if you have interest in becoming a part of council.

In reference to the local volunteer base, we have a small local membership to draw from. Over past years, many of the engineers in our community have already given years of service. Thankfully many members are extending their time of volunteer service and in some cases coming back for more.

One way to help move APEY forward is to hire consultants. Obviously this helps greatly to expand our capability and expertise. We are using consultants to assist us with Strategic Planning, Act Review and Discipline Committee training and education. The use of consultants requires funding,

but this allows Council, staff and committee members to complete tasks and move forward.

APEY Council believes that funding (from membership dues) needs to continue at sufficient level, to allow for the continued use of consultants where needed.

In the mean time there are many activities taking place. Our CPD committee has been very active arranging education opportunities for our members. The new “lunch and learn” session had a great turnout and a time management seminar on December 6 was well attended.

A Task Force of dedicated APEY members, lead by Jack Cable, and assisted by the Yukon Archives, are working on ways and formats to highlight the History of Engineers and Engineering in Yukon.

The Discipline Committee has held a number of educational half day events with local Administrative

Justice Lawyer, Bruce Willis. Bruce and the committee are creating a discipline handbook for the Committee, plus guidelines for the Registrar and Council on how to move forward when a complaint is made. These documents will be invaluable if and when we have another discipline matter.

The Awards Committee has been hard at work developing the terms of reference for a new “Yukon Engineering Excellence Award”. This award will recognize eminent Engineering achievements by Yukon Professional Engineers and promote excellence in engineering, applied to Yukon’s northern climate and terrain, in areas of applied research, design, innovation, construction and project management. Through recognizing the engineering achievements of our Members, the Association also raises the public’s awareness of the engineering profession in Yukon.

The Social Committee headed by Sarah Sternbergh and assisted by

Cathy MacDonald and Kisa Elmer, recently put on a very successful Funspiel at the Mt. McIntrye Curling Club. This was followed by an exciting Christmas Social with prizes for the top four curling teams plus surprise basket draws.

With the help of our consultants, we have completed an APEY Strategic Plan for the next three years. We now need to complete the Operations Plan and implement its priorities. The Act Review Committee is also working on how best to move this very important task forward.

I am less than a year into my 2 years as your President. While I am proud of the many APEY endeavours and accomplishments over this past year, I believe that we can and need to do more as a self-governing association. It is my hope that with a new, full time Executive Director, plus Bruce continuing into next year, and with the assistance of consultants and a continuing volunteer base, we can

accomplish what needs to be done. On behalf of Council and staff, may I wish you all a safe and happy New Year.

Carl Friesen, President, P.Eng., CLS, BCLS.

## **MINING ENGINEERS IN HOT DEMAND**

A shortage of skilled workers in the mining industry has again become a major concern, Mining Weekly (Johannesburg) reports.

The industry experienced a shortage prior to 2008, and renewed activity is fuelling another one.

The publication reports that mining engineers, geologists, technicians and others with related skills are in great demand.

In other mining news, Engineering News-Record (New York) reports that a proposed expansion project at Olympic Dam in South Australia has reached the feasibility study stage.

The BHP Billiton project would create a new open-pit mine that would operate alongside an existing underground mine.

The proposed expansion would require more than 11 years of construction and would increase by six times the production of refined copper, uranium oxide, and gold and silver bullion.

# Yukon 2012 Underway North of 60°

CFES Congress Lands in Whitehorse.

(Whitehorse, YT) - Engineering students from across Canada have descended on the North to take part in Yukon 2012, the Canadian Federation of Engineering Students' (CFES) Congress.

The event, which runs, from January 4<sup>th</sup> until January 10<sup>th</sup>, doubles as the Federation's annual general meeting and as a leadership development forum for delegates from Canada's university engineering programs.

The week-long Congress will feature leadership development seminars, presentations, guest speakers from industry and will also boast a career fair and plenary sessions. These plenary sessions will be used to elect a new executive, ratify the Board of Directors, to review policy and select future hosts for the CFES Congress.

Yukon 2012 came to be when a team of students from the Western Engineering Students' Societies Team (WESST) put forward a bid on behalf of the University of Yukon, a conceptual university created to allow for cooperation between the different WESST member schools. The bid won with a 2/3's majority and

planning began immediately. Yukon 2012 differs from past Congresses in that, for the first time, several universities have a hand in the hosting duties as well as being the first

Congress to be held in Canada's North.

The University of Yukon model was established to promote transfer of knowledge, encourage teamwork and improve networking between all eleven schools in the western region. Congress organizers are hoping the innovative nature of Yukon 2012 proves beneficial to the student attendees as well as industry partners.





# Continuing Professional Development Update

The CPD committee has been quite active since the end of summer planning for, and presenting, events for the membership. It is the mandate of the committee to offer at least two significant events per year to its membership and the committee has been following this path for the last couple of years. We consider “significant” as meaning a session that includes at least 7 hours of instruction, typically held in a single work day.

As a change from past practices, in addition to organizing two significant events per year, the committee is planning to offer shorter events that we feel would be of interest to the membership including lunch-hour presentations of Yukon projects or, possibly, project site tours. We had our first lunch-hour

presentation on November 2nd and by all measures it was a success.

## Recent CPD History:

November 2nd: Many thanks are due to Catherine Harwood who conducted our first lunch-hour presentation. As the project manager for the Government of Yukon of the Dawson Wastewater Treatment Project, Catherine used her intimate knowledge of the project to present a very interesting and informative session to a group of around 32 members. Her presentation covered the history of the project along with explanations of the treatment process, the technology employed and the method of project delivery. Please see the following link below for additional information about the project:

<http://www.dawsonwastewater.ca>

December 6th: On this date a full-day workshop on time management was provided to approximately 22

members and non-members and the feedback received to-date has been positive. The presenter was Greg Campeau who proved to be a very engaging and dynamic speaker with a large suite of tips and techniques that will certainly improve how we achieve our goals in a busy work week. Greg’s time management workshop is offered to APEGBC several times per year and is one of the most requested CPD events in that association.

The morning portion of the workshop included a diverse array of behavioural assessments and examples of successful managers and companies as well as the theory behind how different personalities deal with time pressures. The afternoon session pulled it all together with a series of practical measures that can be employed by all of us.

December 8th: Every six months there is national teleconference of the Engineers Canada Continuing Competence committee and one member of the APEY com-



mittee has participated in all such teleconferences. In the most recent meeting we learned of the continued march toward compulsory CPD by several other associations. Compulsory CPD is the direction that Engineers Canada and several member organizations are heading and APEY is continuing to monitor the progress for consideration of a compulsory system at some point in the future.

In addition, at these meetings we learn of what other associations are doing in their CPD programs. One of the benefits of this is that some associations have web-based CPD seminars or have recorded their live seminars and made them available on the internet. Most often, our members have access to these web-based sessions and we have been providing the links to our membership and will continue to do so as we learn of them.

### **Future Events:**

Unfortunately, we don't have any

confirmed dates for future events but stay tuned for a possible project tour, a presentation on geo-fabrics in January and a significant CPD event associated with the Annual General Meeting in March.

### **Suggestions:**

As always, the CPD committee is very interested in receiving any ideas from the membership for CPD event ideas that should be offered in the future, and any general comments on how we can improve the CPD program. Suggestions can be sent to any one of the committee members, or to the executive director, Bruce Underhill, at the email addresses on the right.

The committee looks forward to receiving suggestions from the membership and to continued offerings of CPD opportunities.

Rod Savoie, P.Eng.

CPD Committee Chair

Rod.Savoie@stantec.com

### **Paul Murchison**

Paul.Murchison@gov.yk.ca

### **Ryan Martin**

rmartin@eba.ca

### **Executive Director of APEY: Bruce Underhill**

bunderhill@apey.yk.ca

# Yukon Engineering Excellence Award

The APEY Awards Committee is pleased to announce the establishment of the Yukon Engineering Excellence Award. In order to recognize eminent Engineering achievements by Yukon Professional Engineers and to promote excellence in engineering applied to Yukon's Northern climate and terrain in areas of applied research, design, innovation, construction and project management the Yukon Engineering Excellence Award has been established. Through recognizing engineering achievements of our Members, the Association also raises the public's awareness of the engineering profession in Yukon.

## Nomination for Award

Nominations may be submitted by any member of APEY on or before February 15<sup>th</sup>, 2012. Nominations must be accompanied by sufficient background information and necessary documentation (a short description (2 page maximum) of the project/bio on the nominee accompanied by a 5 slide PowerPoint presentation). The number of awards presented will be limited to one per year but an award will not necessarily be made every year.

## Eligibility for Award

In making its recommendations for the Award, the Selection Committee will be guided but not bound by the following candidate requirements:

1. Project must be located in Yukon;
2. Nominated individual(s) must be registered as engineer(s) (in good standing) with the Association of Professional Engineers Yukon (APEY) and/or nominated company must hold a permit to practice in Yukon and recognized work must be completed by a registered engineer(s) (in good standing) with APEY;
3. Award will recognize achievements which were developed or carried out in Yukon and/or are pertinent to the Yukon; and,
4. Preference will be given to projects substantially completed with the last 3 years.

**Continued Next Page...**

## Evaluation Committee

The Awards Committee will oversee the temporary creation of an Evaluation Committee each year and will have the responsibility of reviewing all the nominations for the award to determine whether or not nominations meet the eligibility guidelines and whether or not an award will be given. The Evaluation Committee will review the nominations and submit its recommendations for the award to Council for approval.

## Criteria for Selection

Consideration will be given to accomplishments within the engineering profession and to recognition earned. Nominations for this award will be rated primarily on the results of engineering applied to create unique Yukon and Northern solutions. The following criteria may be applied:

1. Northern innovation/adaptation, services which enhance understanding of, and engineering in the northern climate
2. Sustainability, services which make environmental consideration of and/or increase the sustainability of northern communities
3. Service to the community including enhancement of community services
4. Enhancement of the quality of life through engineering and other works

## Award

The award will consist of the following:

1. Plaque with winning person/organization's name and project title;
2. Award presentation at AGM;
3. Public announcement in local newspaper; and,
4. Announcement in APEY newsletter

## CAN ENGINEERING MEND A BROKEN HEART?

At Columbia University's Fu Foundation School of Engineering and Applied Science in New York, researchers have found a way for damaged heart tissue to repair itself.

The technique uses cells developed in a laboratory to increase blood flow, assisting the heart to repair itself.

American mechanical engineers, meanwhile, are making progress in developing ways to detect skin cancer and other diseases without a biopsy.

Researchers at Harvard University in Cambridge, for example, have found a way to increase the power of lasers that look at molecules in living tissues in the skin, Mechanical Engineering (New York) reports.

# Canadian Engineering Memorial Foundation: A Building Block for Women in Engineering

(Renfrew, Ontario): On December 6, 1989 the dreams of 14 young women came to a tragic end – but their spirit remains alive today empowering other Canadian women to become engineers.

The Canadian Engineering Memorial Foundation (CEMF) was formed in 1990 by the late Claudette MacKay-Lassonde, P.Eng. and several of her colleagues in reaction to the tragedy at École Polytechnique. Together they were determined to support the future of women in engineering across Canada.

for women, and men, to a high school level audience.

That means due to the leadership and support of prominent engineers in Canada, both past and present, over 10,000 students across

Canada have heard a presentation on engineering since CEMF's inception.

CEMF scholarship recipients are selected based on their strong leadership skills, ability to inspire others, volunteerism, extracurricular activities and to serve as role models.

looking forward to giving back and supporting other young women desiring a career within the engineering field,” says Rita Laith, 2011 scholarship winner, University of Windsor.

Through the support of the Foundation's individual donors, corporate and faculty partners, there will be 10 scholarships totaling \$80,000 at the undergraduate, Master's and PhD levels of study offered to women in engineering for 2012.

Deadline for applications for the 2012 CEMF Scholarships is Midnight, Friday, January 13, 2012. All scholarship criteria can be found at [www.cemf.ca](http://www.cemf.ca).

**“I am looking forward to giving back...”**

**- Rita Laith**

That legacy continues with over 100 Canadian women having received a CEMF scholarship in engineering to help them pursue their dreams. Each scholarship winner gives at least one presentation about why engineering is a great career option

“This scholarship has not only aided me in pursuing my studies, but it has also recharged my motivation and passion for the engineering profession. I enjoyed the opportunity of meeting other inspiring engineers and I am

For more information on the CEMF, its scholarships and programs, please visit [www.cemf.ca](http://www.cemf.ca) or contact CEMF directly at 1-866-883-2363, [info@cemf.ca](mailto:info@cemf.ca).



## Be Careful When Expressing Opinions and Comments

BY RAY CHOPIUK, P.ENG.  
APEGGA Director of  
Professional Practice

As individuals, we have opinions on countless subjects and occasionally express those opinions in personal conversations or even publicly. Many of those opinions or positions are not directly related to the practice of engineering or geoscience. Rarely would such comments attract APEGGA's interest. But sometimes they do, as we can see by recalling some earlier decisions from APEGGA's Discipline Committee.

Take the case of a young engineer-intraining who wrote a letter to the editor of a large city newspaper in Alberta, identifying himself as an engineer. In his letter, the E.I.T. was highly critical of individuals employed by the city and its partner organizations, saying that "the people responsible should be fired immediately." The criticisms were not directed at any particular individual or profession. The letter

referred to "those responsible for road quality, but only those responsible for disbursement of his property tax contributions. Responsible transportation professionals were not explicitly mentioned."

A professional engineer read the letter and lodged a complaint with APEGGA. Even though he was not found to have brought the engineering profession into disrepute, the E.I.T. was charged with, and admitted to, unprofessional conduct for violating Rule 3 of the APEGGA Code of Ethics. For his actions, he was issued a letter of reprimand which will remain

permanently in his APEGGA registration file.

Rule 3, by the way, states:

"Professional engineers, geologists and geophysicists shall conduct themselves with integrity, honesty, fairness and objectivity in their professional activities."

In another instance, a professional engineer wrote a letter to the Alberta Environmental Appeal Board in opposition to a number of proposed modifications to a water reservoir project, citing his position as a professional with a background in potable water supply.



The engineer did not disclose his interest as a land developer in the area, representing himself simply as a taxpayer. He also did not adequately determine the facts prior to offering his opinion. A member of the public complained to APEGGA about the engineer's actions. The engineer admitted to unprofessional conduct for having violated Rule 3 of the Code of Ethics for not disclosing he was a land developer and for violating

geophysicists shall undertake only work that they are competent to perform by virtue of their training and experience.”

The next case concerns comments of a personal nature. A professional engineer (the owner and operator of a small consulting engineering firm) and a contract employee professional engineer were not able to agree on the arrangements concerning travel and overnight

took his smoke breaks outside the car and provided separate hotel rooms.

The evening prior to an impending trip, the owner telephoned the employee's home to advise that he had decided on a shared hotel room for economic reasons. In the course of the conversation, the owner “made insulting and offensive remarks of a personal nature to the female companion of the complainant” and also “made racist comments to the complainant.”

The employee complained to APEGGA. For those actions, and for demanding inappropriate travel arrangements, the owner professional engineer was charged with, and admitted to, unprofessional conduct. He, too, was issued a permanent letter of reprimand.

Each of the three cases was brought before APEGGA's Discipline Committee by way



Rule 2 for “failing to expend sufficient effort in determining facts regarding the project prior to offering his opinion.”

He received a letter of reprimand, which will remain permanently in his registration file. Incidentally, Rule 2 states: “Professional engineers, geologists and

accommodation for an out-of town assignment they were to embark on. The owner was a heavy smoker, and the employee, who suffered from asthma, had apparently become ill on a previous trip with the owner.

The employee indicated, then, that he would still accompany the owner on future trips if the owner

of a recommended order, which alleviates the need for a potentially long and costly formal discipline hearing. Members who admit to unprofessional conduct or unskilled practice, and who agree to a sanction recommended by APEGGA's Investigative Committee, must discuss their cases with a Discipline Committee case manager who reviews the case and determines whether the conduct is, in fact, unprofessional or the practice unskilled, and whether the recommended order is appropriate.

Although none of the opinions or comments expressed by the individuals related to engineering practice, the individuals were found to have contravened APEGGA's Code of Ethics in some way. What these particular individuals may have thought was strictly personal conduct was, instead, taken to be professional conduct, or perhaps more correctly, unprofessional conduct.

## Training Workshop – How Will Climate Change Affect Civil Infrastructure in Canadian Municipalities?

On February 7, 2012, Engineers Canada and the Federation of Canadian Municipalities will host a training workshop in Ottawa on the Public Infrastructure Engineering Vulnerability Committee Protocol. This one-day workshop will provide Canadian municipal decision-makers and infrastructure practitioners with information about future climate change and its impacts, focusing on the Protocol's standardized method used to estimate the risks climate change poses to municipal infrastructure.

The workshop precedes the Federation of Canadian Municipalities' bi-annual Sustainable Communities Conference and Trade Show, held from February 8 to 10. Municipal engineers attending the conference are encouraged to register for the February 7 workshop to take in this valuable continuing professional development opportunity.

For more information on the workshop, including how to register, please visit <http://fcm.ca>.



## Canada's Smartest Person Could Be You... Or Someone You Know!

CBC is scouring the country, searching for Canada's Smartest Person.

Canada's Smartest Person is a groundbreaking and entertaining CBC Television special.

The network says the special redefines what it means to be smart. Think you only have to be a math geek to earn the title? Think again. You could be an athlete from B.C., a mechanic from Saskatchewan, a stay-at-home mom from Quebec or an engineer from Yukon. Math geeks are welcome, too!

Participants will be chosen from every conceivable background.

They will prove their skills on the show through fun challenges in six main areas of intelligence.

The six main areas of intelligence are: physical, logical, social, musical, linguistic and visual.

Logic Smarts: The ability to



reason, calculate, and think things through using logic in a systematic manner.

Visual Smarts: The ability to think in pictures and visualize a future result.

Physical Smarts: The ability to control body movements, handle objects skillfully and present ideas and emotions kinetically.

Language Smarts: The ability to read, write and communicate with words.

Musical Smarts: The ability to compose and understand music, tone, and rhythm.

Social Smarts: The ability to work effectively with others by understanding their motivations

and goals, and display awareness and empathy.

Most people show strength in two or three of the areas of intelligence, but the truly smartest show strengths across the board.

If you or someone you know is an all-rounder with versatile smarts, let us know!

Apply on line at <http://www.cbc.ca/smartestperson/>



# 2011 APEY Annual General Meeting: In Pictures



*The Venue: MacBride Museum  
Whitehorse, YT.*



*Members in Attendance.*



*The Wrap-Up Social*

## Shad Valley Summer Program

Is your son or daughter in Grade 10, 11 or 12, and looking for a life-changing summer program that helps prepare teens for university? Shad Valley is the place where bright students push their intellectual and creative capacity to new heights. Applications are now available for summer 2012.

This program focuses on science, engineering, technology and leadership, with the goal of exposing participants to fields of study that help them develop an entrepreneurial mindset. The students live in residence at one of 10 participating university campuses across Canada, gaining firsthand experience of campus life.

Application intake dates are Dec. 7 and Jan. 18.

For more information or to apply <http://www.shad.ca/>



## Association of Professional Engineers of Yukon

312B Hanson Street, Whitehorse, YT Y1A 1Y6

(p) 867.667.6727 (f) 867.668.2142

(e) [staff@apey.ca](mailto:staff@apey.ca) [www.apey.yk.ca](http://www.apey.yk.ca)