



SUPPLEMENTARY REPORT

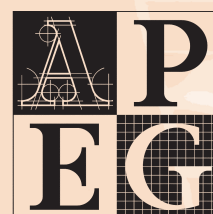
2004 AGM MINUTES • AGM MOTIONS:
ACTIONS TAKEN • COMMITTEES • TASK FORCES
BOARDS • DIVISIONS • BRANCHES

YEAR IN REVIEW

2004 • 2005

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Professional Engineers
and Geoscientists of BC
www.apegbc.ca

2004/2005 COUNCIL

President

Dennis McJunkin PEng

Vice President

Bob Ito PEng PhD

Past President

Bill Gilmartin PEng

Councillors

Claudio Arato PEng
Janet Benjamin PEng
Lindsay Bottomer PGeo
Frank Denton PEng
Steve Graham PEng/PGeo PhD
Russ Kinghorn PEng
Nicole Kohnert PEng
Margaret Li PEng PhD
Andy Mill PEng StructEng
George Prince PEng

Government

Appointees

O'Brian Blackall BCLS
(to April 2005)
Roy Emperingham MPA CHRP
Hiromi Matsui MSc
(to April 2005)
Marilyn Pattison PhD

Standing, l to r: O'Brian Blackall BCLS, George Prince PEng, Marilyn Pattison PhD, Andy Mill PEng StructEng, Margaret Li PEng PhD, Janet Benjamin PEng, Russ Kinghorn PEng, Frank Denton PEng, Lindsay Bottomer PGeo. *Front, l to r:* Nicole Kohnert PEng, Bill Gilmartin PEng, Dennis McJunkin PEng, Bob Ito PEng PhD, Hiromi Matsui MSc, Claudio Arato PEng. (Absent: Roy Emperingham MPA CHRP, Steve Graham PEng/PGeo PhD)



Canadian Council of Professional Engineers (CCPE) Directors

Dick Fletcher PEng
(from May 2005)
Colin Smith PEng (elected President in May 2005)
John Watson PEng
(to May 2005)

Canadian Council of Professional Geoscientists (CCPG) Director

Tim Smith PGeo

2004/2005 Year in Review Printed Report

APEGBC's primary *Year in Review* report containing reports from the President and Executive Director, along with APEGBC's audited financial statements, was published in the September/October 2005 issue of *Innovation* and is available online at www.apeg.bc.ca

APEGBC Senior Staff

Executive Director and Registrar

Anne Garrett PEng

Director, Registration

Gillian Pichler PEng

Director, Professional Practice and Ethics

Ross Rettie PEng

Associate Director, Professional Practice

Peter Mitchell PEng

Associate Director, Regulatory Compliance

Geoff Thiele LLB

Director, Internal Affairs

Fred Wylie CGA CMA CHRP

Associate Director, Finance and Information Technology

Peter So CMA

Associate Director, Member Services

Janet Sinclair

For a complete list of APEGBC staff contact information, see www.apeg.bc.ca/aboutus/contactus.html

APEGBC MANDATE

The provincial government delegates legislative and judicial functions to the Association of Professional Engineers and Geoscientists of BC to set the standards for, and regulate the practices of, professional engineering and professional geoscience in British Columbia. Under the powers conferred by the Engineers and Geoscientists Act, APEGBC carries out those functions to protect the health, safety and welfare of the public as it relates to the practice of the engineering and geoscience professions.

As the governing body and board of directors of APEGBC, Council is accountable to its members and the provincial government, through the Ministry of Advanced Education, to administer the affairs of APEGBC and fulfill the requirements of the Act.

MINUTES OF THE 85TH (2004) ANNUAL GENERAL MEETING

The meeting was held at the Fairmont Chateau Whistler Resort in Whistler, BC on Saturday, October 23, 2004. There being a quorum of members present, President Bill Gilmartin PEng convened the meeting at 9:10 am and welcomed all those present.

ONGOING BUSINESS

Recognition of Deceased Members

President Gilmartin asked for a moment of silence in respect for our departed colleagues as the Executive Director read their names aloud.

Minutes of 84th Annual General Meeting

President Gilmartin noted that the minutes of the 84th Annual General Meeting were published in the 2003/2004 Year in Review insert in the September 2004 issue of *Innovation*, and called for a motion to approve the minutes.

Motion: It was moved (Andy Mill PEng) and seconded that the minutes of the 84th Annual General Meeting held on October 25, 2003 in Penticton, BC be adopted as amended. CARRIED. (Amendment: Section "2004 Annual Conference" should read "... the 2004 Annual Conference will be held in Whistler, BC on October 22 and 23, with the 2004 Annual General Meeting scheduled for Saturday, October 23 at 8:45 am.")

Results of Council Election Ballots

President Gilmartin announced the results of the 2004/2005 Council election:

- President: Dennis McJunkin PEng
- Vice President: Bob Ito PEng PhD
- Councillors elected for a two-year term: Lindsay Bottomer PGeo, Steve Graham PEng/PGeo PhD, Margaret Li PEng PhD, Andy Mill PEng, George Prince PEng
- Councillors continuing for the 2004/2005 Council year: Bill Gilmartin PEng (as Immediate Past President), Claudio Arato PEng, Janet Benjamin PEng, Frank Denton PEng, Russ Kinghorn PEng, Nicole Kohnert PEng
- Government Appointees: O'Brian Blackall BCLS, Roy Emperingham CHRP, Hiromi Matsui MSc, Marilyn Pattison PhD

Motion: It was moved (Bob Ito PEng) and seconded that the ballots for election to Council be destroyed at the end of three months. CARRIED.

Approval of Audited Financial Statements

President Gilmartin noted that the Audited Financial Statements for the 12 months ending June 30, 2004 and the report of the Executive Director as to the state of the affairs of the Association were published in the Year in Review 2003/2004 insert in the September 2004 issue of *Innovation*. The following motion was carried after questions and discussion.

Motion: It was moved (Richard Hancock PEng) and seconded that the report of the Executive Director and the Audited Financial Statements for the 12 months ending June 30, 2004, be approved. CARRIED.

Appointment of Auditors

Motion: It was moved (John Watson PEng) and seconded that the firm of PricewaterhouseCoopers, Chartered Accountants, be appointed by Council as the Association Auditors for the fiscal year ending June 30, 2005. CARRIED.

Reports of Committees, Task Forces, Boards, Divisions and Branches

President Gilmartin noted that the line committee reports were included in the Year In Review 2003/2004 insert (along with the Audited Financial Statements and Executive Director's Report) and that the other working Committee, Task Force, Board, Branch and Division Reports were published on APEGBC's website as an electronic supplementary report. Printed copies of both documents were available in the foyer. He thanked all Chairs and volunteers for their contributions to APEGBC.

Motion: It was moved (Dick Fletcher PEng) and seconded that the reports of the Committees, Task Forces, Boards, Divisions, and Branches be received as printed in the Year in Review 2003/2004 report and supplementary website document. CARRIED.

National Update

President Gilmartin called upon Darrel Danyluk PEng, President of the Canadian Council of Professional Engineers, and Tim Smith PGeo, Board Member of the Canadian Council of Professional Geoscientists, to highlight issues from the national perspective.

Introduction of Special Guests

Throughout the Ongoing Business proceedings, President Gilmartin introduced numerous special guests from constituent associations across Canada; colleagues from Washington and Idaho States; and representatives from BC professional associations, universities and government. He thanked the guests for taking time out from their busy schedules to be with us this weekend:

- MLA for Burnaby North: Richard Lee
- Canadian Council of Professional Engineers: Darrel Danyluk PEng, President and Marie Lemay PEng, CEO
- Canadian Council of Professional Geoscientists: Tim Smith PGeo, Board Member
- Professional Engineers and Geoscientists of Newfoundland & Labrador: Ov Colbourne PEng, President and Steve McLean PEng, Executive Director

MINUTES OF THE 85TH (2004) ANNUAL GENERAL MEETING CONTINUED

- Association of Professional Engineers of Nova Scotia: Les Russell PEng, President and Leonard White PEng, Executive Director
- Professional Engineers Ontario: George Comrie PEng, President and Kim Allen PEng, CEO and Registrar
- Association of Professional Engineers and Geoscientists of Manitoba: Arnold Permut PEng, President
- Association of Professional Engineers and Geoscientists of Saskatchewan: Clarence Reed PEng, President and Dennis Paddock PEng, Executive Director and Registrar
- Association of Professional Engineers, Geologists and Geophysicists of Alberta: Linda Van Gastel PEng, President and Neil Windsor PEng, Executive Director
- Association of Professional Engineers of the Yukon Territory: Darcy Tkachuk PEng, President
- Washington Board of Registration for Professional Engineers & Land Surveyors: Nancy Duevel PLS, Chair and George Twiss, Executive Director
- Idaho Board of Professional Engineers and Land Surveyors: Gary Young, Chairman and David Curtis, Executive Director
- Consulting Engineers of BC: Sid Siddiqui PEng, President
- Architectural Institute of BC: Stuart Howard MAIBC, President
- Association of BC Forest Professionals: Van Scoffield RPF, Executive Director
- Applied Science Technologists & Technicians of BC: Tim Murphy ASCT, President and Ted Nodwell, Deputy Executive Director
- University of British Columbia: Dr Bruce Dunwoody PEng, Associate Dean of Applied Science; Hugh Turner (President), Ian McKechnie (Vice President) and Trevor Olson (Professional Relations Officer), UBC Engineering Undergraduate Society; Jeff Boyce, President and Nikki Commodore, VP External, UBC Dawson Club
- Simon Fraser University: Bernard Smit, President and Eli Gibson, VP Professional Relations, Engineering Undergraduate Students Society; Kevin Brewer, President, Earth Sciences Student Union
- University of Victoria: Dr Fayez Gebali PEng, Associate Dean, Faculty of Engineering and Computer Science; Nikin Popat, President and Omar Ishkintana, VP External, Engineering Students Society; Kendra Johnston and Mark Greenhalgh, Co-Presidents, Student Geoscience Society (Gaseos)
- Central Interior: Bob Parolin PEng, Chair
- Fraser Valley: Ron Weismiller PEng, Chair and Francisco Perello-Aracena PEng, Vice Chair
- Northern: Erin O'Brien PGeo, Chair and Dave Wolfe EIT, Treasurer
- Okanagan: Matt Cameron PEng, Chair
- Peace River: Kevin Wiens PEng, Vice Chair
- Richmond/Delta: Wayne Borrowman PEng, Vice Chair
- Sea to Sky: James Blake PEng, Chair and Shahab Sokhansanj PEng, Vice Chair
- South Central: Kevin Turner PEng, Chair and Andrew Watson PEng, Past Chair
- Tri-City: Ed Fujii PEng, Past Chair and David Chan PEng, Secretary
- Vancouver: Jo-Ann Moore PEng, Chair and Leonard Pinalto PEng, Vice Chair
- Vancouver Island: Louis Brisson PEng, Chair-elect
- Victoria: Joshua Hayes EIT, Chair and Sharlie Huffman PEng, Vice Chair
- West Kootenay: Becke Gray PEng, Chair and Martha McLean EIT, Vice Chair
- East Kootenay: no Branch representative (Councillor Russ Kinghorn representing East Kootenay Branch)

Appreciation of 2003/2004 Council

President Gilmartin thanked the 2003/2004 Council for volunteering their time and for their contributions to the debates and decisions made on behalf of their fellow members over the past year: Dr Tony Salway PGeo, Vice President; Dick Fletcher PEng, Past President; Councillors Claudio Arato PEng, Janet Benjamin PEng, Lindsay Bottomer PGeo, Frank Denton PEng, Jeff Holm PEng, Russ Kinghorn PEng, Nicole Kohnert PEng, Margaret Li PEng PhD, Glenn Pellegrin PEng, Mike Tkachuk PEng, James Provan PEng PhD, O'Brian Blackall BCLS, Roy Emperingham MPA CHRP, Hiromi Matsui MSc and Marilyn Pattison PhD.

2005 Annual Conference

President Gilmartin announced that the 2005 Annual Conference will be held in Richmond, BC on October 13-15, with the 2005 Annual General Meeting scheduled for Saturday, October 15 at 8:30 am.

Key Issues — President and Executive Director

President Gilmartin reviewed the highlights and challenges of his year as President. He then asked Anne Garrett PEng, Executive Director and Registrar, to address the key issues in more detail.

Introduction of Branch Representatives

President Gilmartin introduced the Branch Chairs and thanked them for their hard work and dedication to the APEGBC Branches:

- Branch Reps Chair: Jan Buermans PEng
- Burnaby/New Westminster: Boubacar Diallo EIT, Chair and Zeljko Cecic PEng, Secretary

MINUTES OF THE 85TH (2004) ANNUAL GENERAL MEETING CONTINUED

NEW BUSINESS

Motions from the Floor

President Gilmartin called for motions from the floor:

Motion 1. *It is moved and seconded that, as the proposed Engineers and Geoscientists Act rewrite has been put on hold until 2006, Council give consideration to reinstating the specialist designation for a professional engineer to be designated a Building Envelope Professional, with a suitable qualification process.* Moved by Phil Sunderland PEng, seconded by Herb Hawson PEng. **The motion was carried.**

Motion 2. Whereas:

1. *Innovation* has been developed over the past decade into a high quality publication that this Association and its members can be proud of;
2. The net cost of *Innovation*, after crediting advertising revenues, is in the order of only \$5.00 per member per year;
3. The number of issues had already been cut from 12 to 10 several years ago, with some commensurate disruption to advertising revenue;
4. The Editorial Board was aware of, and approved of, the recent Communications Survey; was aware of some of the possible options being touted; and had been awaiting the results so they could be discussed;
5. The decision to reduce the number of issues of *Innovation* was made without any discussion, approval or recommendation by the Editorial Board;
6. An electronic newsletter can be a useful and effective tool for the dissemination of brief facts and time-sensitive information, but not in-depth articles or important and timely items of Association business such as Discipline Inquiry results, Stipulated Orders, reports to the members, etc;
7. Not all members have, or ever will have, access to the Internet;

it is moved and seconded *that Council give consideration to reconsidering its hasty decision to cut the number of issues of Innovation back from the previous 10 issues per year.*

Moved by Jerry Vernon PEng, seconded by Bob Gill PEng. **The motion was carried.**

Motion 3. Whereas:

1. The *Engineers and Geoscientists Act* grants members the right to direct Council to take a vote of the members by letter ballot; to wit: "12(7) The council may, and on written request of 25 members of the association *must* [emphasis added], take a vote of the members of the association by letter ballot in the manner provided by the bylaws of the association on any matter that, under this Act and the bylaws, can be voted on at a general meeting of the association;"

2. A call for such a letter ballot, duly signed by the requisite number of members in good standing, was submitted to the Association on October 14, 2003 calling for a vote on a matter that, in accordance with the Act and bylaws, could be voted on at the general meeting of the Association;
3. More than one year has passed without Council having carried out its duty and obligation under the Act on this matter. In doing so Council has de facto denied a legitimate call from members and has, as a corporate body, acted in contempt of the Act and Code of Ethics, which requires that "Professional Engineers and Professional Geoscientists shall act at all times with fairness, courtesy and good faith to their associates, employers, employees and clients;"

it is moved and seconded *that Council give consideration to:*

1. *Affirming Council's duty and obligation to uphold the Act.*
2. *Affirming in particular Council's duty to abide by Section 12(7) of the Act.*
3. *In carrying out Council's duty and obligation under the Act, affirming that this duty will be completed with dispatch, preferably within 60 days of receipt of such a call.*
4. *Acknowledging that the petitioning members have to date been denied their rights in this matter, either by design or default.*

Moved by Russ Fraser PEng, seconded by Ken Williams PEng. **The motion was defeated.**

Motion 4. Whereas:

1. APEGBC has modern offices in central Burnaby complete with boardrooms, meeting rooms, up-to-date communication facilities, a full complement of support staff, and a location next to excellent restaurants and accommodation for out-of-town visitors;
2. Council has scheduled a meeting at an exclusive resort in a foreign country featuring "special spa and romance packages," "a couples massage at our new European-style spa," "luxurious guest rooms," "a AAA Four-Diamond resort rating" and "a premiere seaside location;"
3. In the proposed venue it may be challenging for continuing Councillors to focus on Association business; for newly elected Councillors to receive proper orientation and become familiar with Council's prudent fiscal policies; and for the multitude of support staff and accompanying entourage to provide the necessary logistics and communication support for the serious business matters that may be considered at such a gathering (and where "team building" can have a range of meanings);

it is moved and seconded *that Council give consideration to:*

1. *Affirming to the membership that Council is committed to the prudent management of members' fees.*
2. *Discontinuing the policy of holding Council meetings at exclusive "retreat" venues.*

MINUTES OF THE 85TH (2004) ANNUAL GENERAL MEETING CONTINUED

3. *Adopting a policy that proclaims that wasteful and extravagant expenditures on exotic locales for meetings of Council and committees, while they may be the norm for sales, political and similar organizations, are inappropriate for the elected council of a self-governing profession.*

Moved by Norm Johnson PEng, seconded by Bob Handel PEng. **The motion was defeated.**

Motion 5. *It is moved and seconded that Council give consideration to allowing Divisions to give Service Awards to members they deem deserving (currently only Branches can do this).* Moved by Karen Savage PEng, seconded by Richard Hancock PEng. **The motion was carried.**

Motion 6. *It is moved and seconded that Council give consideration to developing and publishing a policy and specific guidelines for the Association when it undertakes projects for external clients, including government, taking into consideration its mandate for the protection of the public. This policy should, at a minimum, address the exposure to liability, a*

definition of what role(s) is/are appropriate for Association involvement, and how the Association will ensure that the policy is in balance with the activities of its members.

Moved by Paul Blanchard PEng, seconded by Ed Hauptmann PEng. **The motion was carried.**

Induction of New President

President Gilmartin introduced the President-elect of the 2004/2005 Council, Dennis McJunkin PEng. Mr McJunkin read aloud, then signed, the Declaration of Office. President-elect McJunkin expressed thanks for the opportunity to serve as President for 2004/2005 and made a few remarks.

President Gilmartin then called on the newly elected Councillors to recite the Declaration of Office.

President-elect McJunkin made a presentation of the Gold Foil Life Member disc to Bill Gilmartin PEng.

Adjournment

The President declared the meeting adjourned at 12:10 pm.

2004 ANNUAL GENERAL MEETING MOTIONS: ACTIONS TAKEN BY COUNCIL

Please refer to the text of the AGM motions included in the preceding Minutes.

Motion 1. Council referred this motion to the Professional Practice Committee, which struck a Specialization Task Force. Council requested that the Specialization Task Force and Professional Practice Committee research the broader issue of a specialization model for APEGBC before moving forward with the building envelope practice specialization. In parallel, the Building Envelope Committee is continuing its work on the practice guideline for engineers working in this area.

Motion 2. Council reviewed feedback from both the Communications Committee and the Editorial Board and decided to consider restoration of *Innovation* to 10 issues as a high pri-

ority within the 2005/2006 annual budget process. Subsequently, Council reviewed several budget scenarios and decided to continue with publishing 6 issues of *Innovation* for the 2005/2006 fiscal year (priorities were a balanced budget as well as rebuilding some of the financial reserves).

Motion 5. At its November 20, 2004 meeting, Council agreed that Divisions can grant Service Awards to members whom they deem deserving.

Motion 6. Council referred this motion to the Professional Practice Committee. Council approved the committee's policy on Externally Funded Work and Associated Agreements at the September 9, 2005 Council meeting. The policy is available on the APEGBC website at www.apeg.bc.ca/library/default.html.

2004/2005 COMMITTEES

APEGBC thanks the following individuals for their valued assistance and commitment to Association affairs through their volunteer service on the following Committees, Task Forces, Boards, Divisions and Branches during 2004/2005; their respective reports follow this list:

COUNCIL/EXECUTIVE

APEGBC Foundation Trustees

Ken Williams PEng, *Chair*
Phil Seabrook PEng, *Vice Chair*
George Csanyi-Fritz PEng
Dan Lambert PEng
John Watson PEng

APEGBC/CEBC Joint Task Force on Value

APEGBC

Anne Garrett PEng, *Chair*
Janet Benjamin PEng, *Councillor*
Phil Sunderland PEng

CEBC

Neil Cumming PEng
Steve Hunt PEng
Francois Morton

Audit Committee

Janet Benjamin PEng, *Chair and Councillor*
Lindsay Bottomer PGeo, *Councillor*
Frank Denton PEng, *Councillor*
Roy Emperingham MPA CRRP, *Councillor*
Nicole Kohnert PEng, *Councillor*
Marilyn Pattison PhD, *Councillor*

Benevolent Fund Trustees

Bob Martin PEng, *Chair*
Bob Affleck PEng
Paul Blanchard PEng
Bill Gilmartin PEng
Kathy Kompauer PEng

Emerging Disciplines Task Force

Bob Ito PEng PhD, *Chair and Vice President*
Claudio Arato PEng, *Councillor*
Margaret Li PEng PhD, *Councillor*
Nancy Paris PEng

Enforcement Task Force

Paul Blanchard PEng
Lindsay Bottomer PGeo, *Councillor*
Neil Nyberg PEng
Tim Smith PGeo

Geoscience Committee

Jenna Hardy PGeo, *Chair*
Lindsay Bottomer PGeo, *Councillor*
Nicole Kohnert PEng, *Councillor*
Mike Bovis PGeo PhD
Brian Butterworth PGeo
Jennifer Clarke PGeo
Steve Cook PGeo
Bruce Downing PGeo
Jules Lajoie PEng PhD
James Moors PGeo
Julie Orban PGeo
John Perry PGeo
Steve Sibbick PGeo
Glen Singleton PGeo PhD
Tim Smith PGeo
Brent Ward PGeo PhD
Susan Wilkins PGeo

Governance Task Force

Jeff Holm PEng, *Chair*
Claudio Arato PEng, *Councillor*
Margaret Li PEng PhD, *Councillor*
Glenn Pellegrin PEng

Investigation and Discipline Task Force

Claudio Arato PEng, *Councillor*
George Cavey PGeo
Herb Hawson PEng
Gilbert Larocque PEng
Mark Roozbahani PEng
Roy Wares PEng
John Watson PEng
Carl Wilson PEng PhD

Nominating Committee

Branch Appointees

James Blake PEng
Matt Cameron PEng
Sharlie Huffman PEng

Leonard Pianalto PEng
Mark Sirges PEng
Dana Soong PEng
Ganesh Viswanathan PEng
Ron Weismiller PEng
Council Appointees
Kerry Rudd PEng
Susan Wilkins PGeo
Ken Williams PEng

Seismic Risk Assessment Steering Committee

Andy Mill PEng StructEng, *Chair and Councillor*
Gordon Aalhus PEng
Gerry Buydens PEng
Ron DeVall PEng PhD
Patrick Lam PEng StructEng
Clint Low PEng StructEng
John Robertson PEng
John Sherstobitoff PEng
Carlos Ventura PEng PhD
John Wallace PEng StructEng

Seismic Risk Task Force

Andy Mill PEng StructEng, *Chair and Councillor*
Gerry Buydens PEng
Allan Dobie
Roy Ellis PEng
Andrew Harmsworth PEng
Erol Karacabeyli PEng
Bill Marsh PEng
Ralph Mellema PEng
Grant Newfield PEng
John Robertson PEng
Nyima Tsundu PEng
Carlos Ventura PEng PhD

Sustainability Committee

Frank Denton PEng, *Chair and Councillor*
Claudio Arato PEng, *Councillor*
Michelle Bast, *ASTTBC*
Linda Bily PEng
Fred Bjork PEng

2004/2005 COMMITTEES

Cat Brown PEng/PGeo
Michel de Spot PEng
Mike Fillipoff PEng
Bill Gies, AIBC
Tony Hodge PEng
Christy Love EIT
Cathy Marr PEng
Scott Maynard PEng
Susan Nesbit PEng PhD
Glen Singleton PGeo PhD
Maggie Wojtarowicz EIT

REGISTRATION

Registration Committee

George Prince PEng, *Chair and Councillor*
Roy Emperingham MPA CHRP, *Councillor*
Margaret Li PEng PhD, *Councillor*
Andy Mill PEng StructEng, *Councillor*
Leon Bell PEng
Neil Brazier PEng
David Chwaklinski PEng
Neil Creighton PEng
Philippe Kruchten PEng PhD
Eric Lalli PEng
Peter Mussallem PEng
Bruce Nicholson PEng
Julie Orban PGeo
Glenn Pellegrin PEng
Troy Vassos PEng PhD

Registration Task Force

Richard Hancock PEng, *Chair*
Dick Fletcher PEng, *CCPE Director*
Pieter Botman PEng
Michael Morgan PEng
George Prince PEng, *Chair, Registration Committee and Councillor*

Doug Sanders PEng LLB

Structured Industry EIT/GIT

Program Pilot

Jody Andrews PEng
Peter Finch PEng
Dick Fletcher PEng
Gordon Griffith PEng
Richard Hancock PEng
Sharlie Huffman PEng
Winnie Lai-Fong PEng

Ir Cheuk Fung Lam, *HKIE*
David Lapp PEng
Megan Leslie EIT
Lianna Mah PEng
John Manson PEng
Michael Morgan PEng
Keith Olive, *IEE*
George Prince PEng
Simon So PEng
Ted Steele PEng
Bob Stewart PEng
Gordon Stewart PEng, *CCPE-CEQB Industry Liaison Committee*
Emil Tomescu PEng
Hansel Wang PEng

Structural Qualifications Board

Leon Bell PEng, *Chair*
Gordon Antenbring PEng StructEng
Len Basaraba PEng
Roy Ellis PEng
David Harvey PEng StructEng
Patrick Lam PEng StructEng
Ric McWilliam PEng
John Pao PEng StructEng
Marion Podlovsky PEng
Gerry Sayers PEng
Bob Sexsmith PEng PhD

PROFESSIONAL PRACTICE AND ETHICS

Professional Practice Committee

Russ Kinghorn PEng, *Chair and Councillor*
Claudio Arato PEng, *Councillor*
Janet Benjamin PEng, *Councillor*
Lindsay Bottomer PGeo, *Councillor*
Steve Graham PEng/PGeo, *Councillor*
George Prince PEng, *Councillor*
Bill Donald PEng
Bob Gerath PGeo
Andrew Harmsworth PEng
Steven Keyes PEng
Randall Kovacs PEng
Bill McQueen PEng
Bob Martin PEng
Phil Sunderland PEng
Mike Tkachuk PEng

ABCFF/APEGBC Joint Practice Board APEGBC

Gino Fournier PEng RPF
Glynnis Horel PEng
Bob Patrick PEng
Kevin Turner PEng

ABCFF

Gordon Chipman RPF, *Chair*
Ian Emery RFT FP
Justing Kumagai RPF
Peter O'Brien RPF

Building Codes Committee

Andrew Harmsworth PEng, *Chair*
James Blake PEng
Steve Bruskiewich PEng
Gerry Buydens PEng
Rick Cheung PEng
Doug Clark PEng
Greg Clarke PEng
Paul Filippi PEng
Bob Heikkila PEng
Dave Jackson PEng
Murray Johnson PEng
Bill Maudsley PEng
Bill McEwen PEng
Ralph Mellema PEng
Philip Ring PEng
Mark Roozbahani PEng
Barry Thorson PEng
Andy Vizer PEng
Brad Walton, *ASTTBC*
Yijin Wen, *MAIBC*
Gavin Woo PEng

Building Envelope Committee

Phil Sunderland PEng, *Chair*
Pierre-Michel Busque PEng
Marcus Dell PEng
Conrad Desrosiers PEng
Mark Emanuel PEng
Craig Labas PEng
Mark Lawton PEng
Brian Lee PEng
Sean Liaw PEng
Bob Martin PEng
Pat McGrath PEng PhD
Steve Moskalyk PEng
Leslie Peer PEng PhD
Joel Schwartz PEng
Henry Touwslager PEng

2004/2005 COMMITTEES

Consulting Practice Committee

Randall Kovacs PEng, *Chair*
Ken Newbert PEng, *Vice Chair*
Steve Bruskiewich PEng
Al Burgoyne PEng
Mike Davies PEng/PGeo
Bob Gerath PGeo
Phil Johnson PEng
Steve Keyes PEng
Jim Leader PEng
Ed Mah PEng
Paul McGuigan PGeo
Surrendar Menrai PEng
Rolf Schmitt PGeo
Joel Schwartz PEng
Nyima Tsundu PEng
Rob Wills PEng

Discipline Committee

Ed Hauptmann PEng PhD, *Chair*
Paul Adams PEng
Paul Blanchard PEng
Neil Cumming PEng
Bob Handel PEng
Herb Hawson PEng
Bill Malcolm PEng
Bob Martin PEng
Ric McWilliam PEng
Ernest Portfors PEng PhD
John Rapson PEng
Alastair Sinclair PEng/PGeo PhD
Colin Smith PEng
Phil Sunderland PEng
Roy Wares PEng
John Watson PEng

Environment Committee

John Holland PEng, *Chair*
Christopher Boys PGeo
Romilly Cavanaugh PEng
Allan Dakin PEng
Bill Donald PEng
Mike Fillipoff PEng
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Liaison/Alternate JPB Liaison
Glynnis Horel PEng, *JPB Liaison*
Kevin Turner PEng, *JPB Liaison*

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Brett deWynter PEng, *CPD*
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Martin Ward PEng, *Meetings/Tours*

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Hank Wong EIT, *Tours*
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Richard Avedon-Savage EIT, *Secretary/Website*
Dave Flynn PEng, *Treasurer/School Liaison*
Del Ferguson PGeo, *Professional Development/New Members*
Ron Parker PEng, *Golf Tournament*
Darryl Tunnicliffe EIT, *Career Awareness*
Bob Hoffstrom PEng, *Nanaimo*
Kevin Lagan PEng, *Courtenay/Comox*
Ron Neufeld PEng, *Campbell River*
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Randal Slade PEng

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COUNCIL/EXECUTIVE

APEGBC FOUNDATION TRUSTEES

The APEGBC Foundation continues to promote education in engineering and geoscience through the granting of bursaries and scholarships, and encourages the professional development of members by providing financial support to Branches and Divisions for courses and seminars.

This year, donations from Association members raised during the annual campaign totalled almost \$38,000, an improvement over last year. In addition, our continued relationship with BC Hydro has confirmed their commitment to fund another \$10,000 for APEGBC/BC Hydro third-year scholarships that will be awarded in the fall.

The Foundation granted seven undergraduate, six university entrance, four university college entrance and seven MAPS scholarships to aspiring engineers and geoscientists, as well as 10 APEGBC/BC Hydro scholarships to third-year students. Our total grant disbursements this year were \$44,750.

We are pleased with the generosity of contributing APEGBC members and firms; however, our capital fund of approximately \$158,000 must grow in order to support the ambitious scholarship programs we have initiated, and hope to maintain

and even expand in the future.

The Foundation is developing a program to promote charitable contributions through estate planning. Leaving a portion of your estate to the Foundation will give others the opportunity to enter our exciting and rewarding professions. Donations can be directed to the capital fund or to our annual drive. To discuss effective ways to direct part of your estate to APEGBC's Foundation, please contact me or Fred Wylie, Director, Internal Affairs.

Special thanks to the Trustees for their wisdom and dedication to ensuring the continued success of the Foundation, and to staff for their support and contributions.

Finally, I would like to particularly recognize all contributing APEGBC members whose generosity has made this program possible.



Ken Williams PEng,
Chair

APEGBC/CEBC JOINT TASK FORCE ON VALUE

Council set up the APEGBC/CEBC Joint Task Force on Value in response to a motion at the 2003 AGM. Its mandate is to develop and implement strategies to: 1) enhance members' appreciation of the value of the engineering and geoscience services they provide to society, and 2) increase the remuneration of engineers and geoscientists to properly reflect the value of their services to society.

A final report and recommendations will be presented to Council and the CEBC Board of Directors this fall. We appreciate the insight and collaboration of Task Force members on this complex and important topic. While it would be premature to comment on specific actions until both governing groups adopt some or all of the recommendations, these are the significant findings:

- There are no simple fixes — both APEGBC and CEBC, and their respective members, need to continue to work on this issue long after this Task Force has finished its work.
- An ongoing focus on education of APEGBC and CEBC members is fundamental to creating member awareness and focus on value.
- The Task Force supports the concept of specialist designations, where appropriate (whether demand-side driven or market driven), and encourages members to think of these designations as a means of creating enhanced value, which would in turn command higher fees and remuneration.

- It is recommended that the Consulting Practice Committee, which is responsible for fee guidelines, focus on the elements of the guidelines that educate members on pricing for value. Education on Qualification Based Selection should be included in the guidelines.
- It is recommended that APEGBC and CEBC continue to engage members in mutual roundtable discussions on fees and remuneration. Sharing good ideas is a powerful way to engage the membership in taking control and solving the issue themselves.
- It is recommended that APEGBC and CEBC continue to work on educating members on Qualification Based Selection processes. Recent policy statements by CCPE and ACEC should be made readily available to members of APEGBC and CEBC, who in turn should continue to work with their respective national bodies on this important topic.
- It is recommended that APEGBC consider embedding Qualification Based Selection into its Code of Ethics.



Anne Garrett PEng,
Chair

COUNCIL/EXECUTIVE

AUDIT COMMITTEE

The Audit Committee was established to ensure that APEGBC meets current corporate governance and independence standards. It is composed of members of Council who do not participate in the management of the Association as members of the Executive Committee. At least two members of the Audit Committee must be appointed members of Council.

The Committee assists Council in overseeing the Association's financial and non-financial affairs and in properly disclosing the related information. Specifically, the Committee assists Council in fulfilling its responsibility to oversee management's conduct of the Association's financial reporting procedures, including the development and maintenance of systems of internal accounting and financial controls. Further, in consultation with external auditors, the Committee ensures that financial statements and notes thereto make complete and clear disclosures of the Association's financial condition.

The Committee is also responsible for reviewing and advising Council on the appointment, independence and performance of the external auditors; the scope of external audits; the annual financial statements and notes thereto; management's financial reviews; and reports of the auditors regarding accounting principles and practices. In particular, the Committee is responsible for reviewing, and advising Council

on, any observations and recommendations of the external auditors.

In fulfilling its obligations, the Committee has carried out a thorough review of the financial statements and related information regarding APEGBC's fiscal 2005 period ending June 30, 2005. It has reviewed and discussed all relevant issues with Association staff and the external auditors, PricewaterhouseCoopers. The Committee also applied a similar review to the audited financial statements and affairs of both the Foundation and the Benevolent Fund.

The Audit Committee reported the results of the external audit, and the Committee's review of it, to Council and recommended Council's approval of the audited APEGBC financial statements. Council then recommends the financial statements to the Annual General Meeting for final approval.

The Committee continues to enjoy the independence required to be able to discharge its governance obligations, and to facilitate implementation of the latest developments in governance assurance standards.



Janet Benjamin PEng,
Chair

BENEVOLENT FUND TRUSTEES

The Benevolent Fund has had a more active year since we reported in last year's *Innovation*. The Trustees had five applications for assistance and dispensed a total of \$7,000 in funds to three applicants. Two others are still open awaiting further information.

The Fund Trustees continue to look for ways in which we can assist applicants to better sell their experience and qualifications to a prospective employer, with the help of stress counseling and training in good resume preparation.

The Fund capital is healthy. Members who provide donations to support the Fund are issued with tax receipts for donations over \$10.

We understand that those members who have received assistance from the Fund have felt that someone still cared, giving them a boost to their self-esteem when what they were experiencing was very depressing. Many recipients have managed to get their lives back in order after finding appropriate work.

Those members who feel they need assistance are reminded that they can discuss their particular situation in confidence by contacting Fred Wylie, Director, Internal Affairs or Melinda Lau at the APEGBC office.

I would also like to thank our Trustees for their ongoing commitment as well as Wayne Gibson PEng who has since left the Association. We welcome our new support staff Melinda Lau and Fred Wylie and thank them for their great assistance, and welcome Past President Bill Gilmartin PEng who has joined us as a Trustee.



Bob Martin PEng,
Chair

COUNCIL/EXECUTIVE

EMERGING DISCIPLINES TASK FORCE

The primary traditional model for registration of engineers and geoscientists in Canada is the recognition of academic credentials, either through accredited programs or via approved academic exams, plus suitable experience through professional engineering or geoscience practice.

While this model has served us well for many years, changes in professional practice are causing APEGBC, as well as other associations, to give timely consideration to emerging disciplines, particularly those that may not follow the traditional model for the recognition and registration of an engineering or geoscience discipline.

For example, in some cases the definition of a field of engineering practice can occur before the formal definition of an academic curriculum. As a result, engineers whose work experience does not fall in the traditional areas of engineering practice have had difficulty in registering as a professional engineer, and the engineering associations have missed an opportunity to franchise a potential member.

Consequently APEGBC Council, at its April 2005 meeting, struck a Task Force to develop a white paper on emerging disciplines in engineering and geoscience and to make recom-

mendations on this issue. The Task Force has held two meetings to try to define important key elements; the following have been identified so far:

- What is a good working definition of engineering and geoscience to accommodate both existing and emerging disciplines?
- What are possible recognizable models for the development of an emerging discipline?
- What should the Association's mandate be in dealing with an emerging discipline?
- What formal processes should be created for the Association to deal with an emerging discipline?

The ultimate goal is for APEGBC to be able to recognize and accommodate emerging disciplines and to avoid problems such as those that occurred with software engineering. CCPE is also doing some work in this area and our efforts are being coordinated with theirs.



Bob Ito PEng PhD,
Chair

ENFORCEMENT TASK FORCE

Council has established a Task Force to review the Association's enforcement processes. APEGBC has the power to take enforcement action against individuals who practise engineering or geoscience, or use restricted titles, without being registered as members. This issue has been a subject of concern for many members as well as for the Association.

The purpose of the Task Force is to ensure that the Association's enforcement processes are as fair, open, transparent, efficient, expedient and cost effective as possible. Comparisons are being made with processes followed by other CCPE

constituent associations, as well as other professional regulators in BC and elsewhere, as benchmarks against which we can measure our system.

The Task Force has been gathering and reviewing information, with the support of Association staff, and will report its findings and recommendations to Council by the end of 2005.



Geoff Thiele LLB,
*Associate Director,
Regulatory Compliance*

COUNCIL/EXECUTIVE

GEOSCIENCE COMMITTEE

The Geoscience Committee strives to be a proactive, effective and energetic voice for geoscientists within the Association. Within the broader professional community, we focus on encouraging change and effecting positive outcomes within and outside the Association in areas where we may have influence.

The Committee continued to enjoy strong support from President Dennis McJunkin PEng, Executive Director Anne Garrett PEng and Gillian Pichler PEng, Director, Registration. Their broad perspectives in areas of common interest to PGeos and PEngs helped identify better solutions for all members.

At the national level, the Canadian Council of Professional Geoscientists (CCPG) has streamlined procedures under the Inter-Association Mobility Agreement with the result that applications across Canada appear to be working well, although still somewhat slower than is ideal. CCPG is also studying the concept of incidental practice and has implemented a funding formula to allow for increased support and coordination of its activities.

The Committee improved liaison with BC institutions offering geoscience degrees, with the objectives of keeping the BC syllabus current and promoting better recognition of the value of professional registration. To better define the minimum academic requirements for professional competency for applicants with significant professional experience, the Committee is piloting a change from 10 to seven years of experience needed before applicants can be considered under the Looking to Exempt (LTE) requirement for registration. Under

LTE, applicants with geoscience degrees who have accumulated progressively responsible professional experience equivalent to formal academic courses may be exempted from requirements outlined in the syllabus.

At the request of the Geoscience Committee, Council set up a task force to look at practice at the boundary of engineering and geoscience, an area of recent high public profile following the North Shore landslides. An interim report is projected for early 2006.

The Committee supports Council's application of the six-year limit for continuous Committee service and has been actively recruiting to replace members retiring in 2006. We are particularly seeking new members practising in the very active areas of mining and mineral exploration.

Dr Mike Bovis PGeo, with 10 years of service as a Geoscience Committee member and five years as APEGBC's representative on CCPG's Canadian Geoscience Standards Board, retired during the year. APEGBC has benefited greatly from Mike's energy and humour, and his hard work over the years is greatly appreciated.

I would also like to thank the Geoscience Committee members as well as various "friends of the Geoscience Committee" who helped to clarify and solidify our direction this past year.



Jenna Hardy PGeo,
Chair

GOVERNANCE TASK FORCE

"Corporate governance" broadly refers to the structures and processes by which organizations are directed, controlled and held to account. It encompasses such things as who is in charge, who sets direction, who makes decisions, who monitors progress and who is accountable for the organization's performance. The goal of effective governance is a robust, well-run organization that achieves peak performance and is accountable to the public it serves.

The Governance Task Force has worked over the past year to develop recommendations on the principles, policies and structure that will guide our Association into the future. Good governance will establish the foundation to make Council, volunteers and staff responsible and accountable to our membership and the public. With the recommendations of this Task Force, Council can implement effective governance, strategy and oversight, setting the appropriate framework to operate the Association.

The terms of reference for the Governance Task Force state four specific deliverables, which are:

- Proposed Governance Principles – June 2005 Council meeting
- Proposed Governance Policies – September 2005 Council meeting

- Proposed Committee Structure – September 2005 issues session (implementation plan to follow)
- Proposal on Council motion CO 04-120-4, Handling of AGM Floor Motions – September 2005 Council meeting

At the June Council meeting we presented the proposed governance principles, policies and committee structure for discussion and feedback. Feedback will be incorporated into a final report for Council approval at its September meeting. We intend to ask Council to approve the policies and will also present the proposed committee restructuring at that time for discussion.

The Task Force continues to work on several side issues for recommendation to Council including Rules of Order for Council meetings and a discussion paper on governance models. With a Council decision to accept the final report, the Governance Task Force will be discharged.



Jeff Holm PEng, *Chair*

COUNCIL/EXECUTIVE

INVESTIGATION AND DISCIPLINE TASK FORCE

Council has established a task force to review the Association's investigation and discipline process. The process starts with a complaint and can end with a disciplinary inquiry.

The purpose of the Task Force is to ensure that the Association's investigation and discipline processes are as fair, open, transparent, efficient, expedient and cost effective as possible for both the member being investigated and the person making the complaint. Comparisons are being made with processes followed by other CCPE constituent associations, as well as other professional regulators in BC and elsewhere, as bench-

marks against which we can measure our system.

The Task Force has been gathering and reviewing information on every aspect of the process, with the support of Association staff, and will report its findings and recommendations to the Investigation and Discipline Committees for comment. It will provide a final report to Council by the end of 2005.



Geoff Thiele LLB,
*Associate Director,
Regulatory Compliance*

NOMINATING COMMITTEE

In accordance with Bylaw 3 of the Association, each year a Nominating Committee is formed to nominate candidates for President, Vice President and Councillors of APEGBC. These nominees are elected to office by members of the Association under our powers of self-governance.

The Nominating Committee is chaired by the immediate Past President. Committee members comprise eight members appointed by the Branches and four members appointed by Council. This year the Committee held three teleconference meetings and one meeting in person. The final additions to the nomination list were approved in an email vote of Committee members.

The following candidates were recommended to be put on the ballot for the 2005/2006 Council election or were nominated by 25 or more members under Bylaw 3(e):

Presidential Candidate

Bob Ito PEng PhD, Electrical/Computer (Vancouver)

Vice Presidential Candidates (one to be elected)

Sharlie Huffman PEng, Civil (Victoria)

Tim Smith PGeo, Engineering Geology (Fraser Valley)

Councillors (five to be elected)

Mohammad Afsar PEng, Civil
(Sea to Sky)

Janet Benjamin PEng, Electrical
(Sea to Sky)

Jan Buermans PEng, Mechanical
(Victoria)

Emily Cheung PEng, Civil
(Central Interior)

Lee Failing PEng, Mechanical
(Sea to Sky)

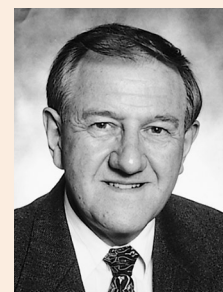
Bob Gill PEng, Electrical (Vancouver)

Jeff Holm PEng, Civil (South Central)

Russ Kinghorn PEng, Mechanical (East Kootenay)

Philippe Kruchten PEng PhD, Software (Vancouver)

Murray Peart PEng, Mechanical (Okanagan)



Bill Gilmartin PEng,
Chair

To avoid a conflict of interest, Sharlie Huffman PEng removed herself from the Nominating Committee during the discussion of her candidacy and her subsequent selection as a Vice President nominee.

Bob Gill PEng was nominated as a candidate for the office of Councillor of APEGBC by 25 or more members under Bylaw 3(e).

COUNCIL/EXECUTIVE

SEISMIC RISK ASSESSMENT STEERING COMMITTEE

The Seismic Risk Assessment Steering Committee (SRASC) was formed in January 2004 to provide guidance on the development of a methodology for seismic risk assessments and comparative rankings of a stock of buildings. This methodology moves away from the traditional building code-based strength evaluation process to one that rationally predicts levels of risk.

The development of this performance-based methodology in software format, called UBC-100, took place in various stages under funding provided to APEGBC through the BC Ministry of Education (MoE) and Western Economic Diversification Canada (WEDC).

Through a UBC Grant-in Aid program, the work was carried out under the direction of Carlos Ventura PEng PE PhD, Professor and Director, Earthquake Engineering Research Facility, Department of Civil Engineering, UBC. Dr Ventura's project team included Dr Kenneth Elwood PEng, Dr Graham Taylor PEng, Dr Timothy White and several graduate students.

The SRASC established a peer review group of professional engineers with specialized expertise in seismic risk assessment on buildings to provide feedback on the development of the performance-based methodology by Dr Ventura's team. This group included Andy Mill PEng StructEng (Chair), Dr Ron DeVall PEng, Dr Steven Kuan PEng, Clint Low PEng StructEng, John Sherstobitoff PEng and John Wallace PEng StructEng.

Dr Robert Hanson PE, an advisor for the Federal Emergency Management Agency in the US, served as external advisor to the project. Peter Mitchell PEng, Associate Director, Professional Practice coordinated the project on behalf of APEGBC.

All contract work with the MoE and WEDC, including the contract extensions identified below, were carried out by the UBC project team and the peer review group. As UBC-100 was being finalized, the MoE requested the following extensions to the original contract with APEGBC, which included an indemnification clause for APEGBC:

- \$65,000 for validation testing of UBC-100, with the MoE referencing this work in establishing \$254 million in funding for the first 80 schools to be seismically upgraded under a 15 year, \$1.5 billion plan.
- \$127,500 for the development of performance-based cost-effective retrofit strategies for consideration in the seismic mitigation of the first 80 school buildings. A training program was then developed and delivered to engineers interested in carrying out this work.



Andy Mill PEng
StructEng, Chair

SEISMIC RISK TASK FORCE

Under its terms of reference, the primary mandate of the Seismic Risk Task Force (SRTF) was to make recommendations to government on proposed changes to the BC Building Code (BCBC) regarding lateral stability design requirements for buildings that fall under Part 9 of the BCBC. The SRTF coordinated its efforts with the executive of the Division of Structural Engineers to address this issue.

This task was completed when a letter was sent to the Director of the Building Policy Branch, Ministry of Community, Aboriginal and Women's Services on November 29, 2004 under the signature of the Seismic Risk Task Force Chair. This letter made specific recommendations as to how the proposed 2006 BCBC could be revised to deal with this matter, and stressed the importance of addressing this issue. However, Jeff Vasey, Director of the Building Policy Branch, responded in writing that this is not a priority for the next edition of the BCBC.

As a result, the Seismic Risk Task Force Chair is working with the Division of Structural Engineers executive to develop a

guideline for engineers that will address lateral load requirements in buildings that fall under Part 9 of the BCBC. Several jurisdictions are already referencing the Canadian Wood Council's *Engineering Guide for Wood Frame Construction* as an interim step to address this issue.

The Seismic Risk Task Force also recommended to APEGBC Council that the President send a letter to the Organization for Economic Cooperation and Development (OECD) endorsing the OECD Ad Hoc Experts' Group Report "Taking an Initial Step Towards Improving Earthquake Safety in Schools." Council approved this recommendation and a letter was sent under the signature of the President Dennis McJunkin PEng.



Andy Mill PEng
StructEng, Chair

COUNCIL/EXECUTIVE

SUSTAINABILITY COMMITTEE

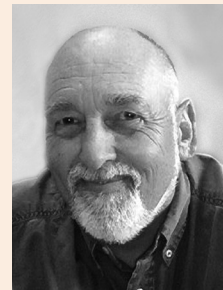
The Sustainability Committee continues to be an active group of dedicated volunteers whose mandate is to help facilitate the promotion and achievement of sustainability.

Reporting directly to Council, the Committee has 14 Association members plus appointees from the Architectural Institute of BC and Applied Science Technologists and Technicians of BC. Membership includes two Councillors, one of whom is the Chair.

The Committee held nine meetings through the year, chaired in 2004 by Hiromi Matsui MSc and in 2005 by Frank Denton PEng. Its focus and accomplishments for 2004/2005 were:

1. To improve the Terms of Reference for the Sustainability Award. This was completed. Four shortlisted award nominations were evaluated for 2005.
2. To update the Sustainability Management System document, first produced in 2000. It was decided to change the original document into a historical record and compile a short 5-year plan for the future. This is well underway.
3. To complete and publicize a document entitled "APEGBC's Sustainability Policy: What Does it Mean to Members?" This was completed.
4. To remove the output of the Committee from the privately owned website www.sustainability.ca. This is largely complete. A new site at www.sustainability-apeg.bc.ca now carries the Committee documentation and news.
5. To have the language of the EIT/GIT work experience requirements and DSE's structural engineering guidelines incorporate sustainability principles. Considerable progress has been made with this initiative.
6. To rewrite the *Sustainability Primer on Mining*. The Committee is dealing with the fact that the mining industry's appreciation of sustainability is now significantly ahead of the concepts embodied in the original primer.

In the broader context, the Committee had hoped to now have the concepts and practice of sustainability better integrated into the professions. Looking forward, the Committee will continue its efforts to make this a reality.



Frank Denton PEng,
Chair

REGISTRATION

REGISTRATION COMMITTEE

THE REGISTRATION COMMITTEE is responsible for ensuring that the standards for licensing and registration of BC Professional Engineers, Professional Geoscientists and Licensees are maintained and upheld. This key responsibility has been delegated to the Committee by Council.

In this role, the Registration Committee develops and evaluates the standards, policies and procedures associated with registration and licensing; and reviews candidate-specific recommendations from the Board of Examiners, Applications (experience review) Committees, online EIT/GIT reviewers, Geoscience Committee, Limited Licence jobsite interviewers and interview panels, all of whom support the Committee in its work.

The Committee is also responsible for reviewing applicants for Canada's Asia-Pacific Economic Cooperation (APEC) and Engineering Mobility Forum (EMF) Register of Professional Engineers.

During the past year the Committee met 10 times and reviewed in detail the applications of over 500 candidates. In addition to this work, the Committee developed several policies to expedite the applications process and to provide linkages for qualification from non-traditional academic programs. It also supported the work of APEGBC's Registration Task Force pilot on competency-based assessment for EITs and GITs.

To support the coordination of engineering licensing across Canada, the Committee reviewed and commented on several national initiatives coordinated by the Canadian Council of Professional Engineers (CCPE). These included updated examination syllabi for several disciplines; development of the new national International Institution and Degree Database; and implementation of the Mutual Recognition Agreement for Qualified/Licensed Engineers between the Hong Kong Institution of Engineers and the engineering jurisdictions of Canada.

This work could not have been done without the dedicated support of hundreds of volunteers from APEGBC's membership. In addition to the committee and board volunteers mentioned previously, the Registration Committee is also fortunate to have the support of its members on the Canadian Engineering Accreditation Board (who also represent APEGBC on visiting teams for the CEAB), the Canadian Engineering Qualifications Board, the CCPE International Committee and the Canadian Geoscience Standards Board as well as the cooperation and support of staff at our sister associations/ordre across Canada.



George Prince PEng,
Chair

MEMBERSHIP STATISTICS 2004/2005

Category	June 30/04	June 30/05	Growth/ Decline
Professional Engineers	16,389	16,709	2.0%
Professional Geoscientists	1,063	1,108	4.2%
Dual Registration	66	68	3.0%
Provisional Members (Eng)	4	11	175.0%
Engineers-in-Training	1,935	2,066	6.8%
Geoscientists-in-Training	113	122	8.0%
Student (MAPS)	2,460	2,314	-5.9%
Non-Resident Licences (PEng)	123	124	0.8%
Non-Resident Licences (PGeo)	9	11	22.2%
Limited Licences (PEng)	35	38	8.6%
Limited Licences (PGeo)	2	2	0.0%
TOTAL	22,199	22,573	1.7%

REGISTRATION

REGISTRATION TASK FORCE

The Registration Task Force was created to undertake a detailed review of issues that arise from, or require development for, our registration system.

Work on the pilot program to develop a guideline for competency-based structured industry EIT/GIT experience programs continued this year. We had strong support from our group of industry partners and the Canadian Council of Professional Engineers, as well as advice and support from our colleagues in the Hong Kong Institution of Engineers and the Institution of Electrical and Electronic Engineers in the UK. Both have endorsed or accredited industry training programs.

It is anticipated that EITs and GITs who master the competencies by participating in an endorsed program will have a high probability of completing the requirements for registration in four years and possibly less. It is also hoped that implementation of this program will result in:

- Increased relevance of the professions among employers of members-in-training by clarifying the expectations for experience and training. This is achieved by providing a common tool for experience assessment that can be used by employers and professional reviewers alike.
- Use of the program as an alternative assessment tool for Internationally Trained Engineering Graduates (IEG) and non-traditional practitioners, including those in emerging disciplines.

During the year, two workshops and several meetings were held to develop a framework of required competencies and to compare it with existing structured Engineer-in-Training

programs offered by APEGBC's industry partners and in Hong Kong and the United Kingdom. A consultant skilled in competency-based assessment also worked with the Task Force and its partners to develop a first draft of an implementation plan and competency assessment guide for employers.

In February 2005 APEGBC Council approved the provision of nominal interim funding to develop an implementation plan for the program, including identifying suitable sources of funding. In the ensuing months, discussions were held with the provincial government and several of our sister provincial licensing bodies. The program concept was formally presented to the Canadian Engineering Qualifications Board and the Ontario Society of Professional Engineers' Industry Forum, all of which elicited a keen level of interest in moving forward with the development of such a program for use across Canada.

Currently, the Task Force is investigating alternatives for interprovincial cooperation and support. Other ongoing items in the Task Force's work plan are as follows:

- Professional Practice Exam development is continuing and a validation survey was conducted this year to elicit feedback on the current examination topics from recent participants.
- Development of a career planning program/manual for EIT/GITs.



Richard Hancock PEng, Chair

STRUCTURAL QUALIFICATIONS BOARD

The Structural Qualifications Board spent the year preparing for the implementation of the Designated Structural Engineer (StructEng) program on January 1, 2007.

Major emphasis was directed towards providing a template for including the StructEng requirements in the BC Building Code, meeting with municipal officials to bring them up to date, and reviewing the BC Codes and Practices examination to ensure that it meets the Board's intent.

As of the end of June 2005 we have 26 registered StructEng professionals. Fourteen were registered through the Institution of Structural Engineers Chartered Membership examination route, eight through the Washington State

Structural III examination route and four by oral examinations.

Many additional candidates have completed part of their requirements with 42 more slated to write the BC Codes and Practices examination in November. The pass rate for this exam has been approximately 70%.

As the process is now running well, the Board will be spending more time anticipating issues that may arise once the program is implemented.



Leon Bell PEng, Chair

PROFESSIONAL PRACTICE AND ETHICS

PROFESSIONAL PRACTICE COMMITTEE

THE PROFESSIONAL PRACTICE COMMITTEE is a line committee of Council. It provides oversight for the committees and task forces that affect the ongoing practice of our professions in BC, and forwards appropriate action requests to Council.

The legwork for Professional Practice is carried out by volunteers in the contributing committees and we are very grateful for their work. Pertinent details of the issues addressed by these committees and task forces are contained in their reports that follow.

Highlights of issues in Professional Practice this year are:

- A Specialization Task Force investigated restarting the development of a specialist designation for Building Envelope Professional, per AGM Motion 1. It concluded that specialist designations are exclusive and expensive, and that the function would be better fulfilled by considering classes of membership.
- A Contracts Policy has been under development to ensure that APEGBC only undertakes contracts that fit the mandate of the Association and do not compete with its members. The policy is expected to be completed and ratified by the end of this Council year.
- APEGBC has asked CCPE to lobby the federal government to reinstate rainfall monitoring. Current rainfall charts are outdated, given heavy rainfalls that have occurred in recent years due to apparent climate change.
- Reporting of Investigation cases has been changed so that only formal written complaints received by APEGBC are counted, rather than recording every call to the Association. This is consistent with the practices being adopted by all engineering and geoscience associations across Canada.
- The ABCFP/APEGBC Joint Practice Board is continuing to develop *Guidelines for Professional Services in the Forest Sector* with funding assistance from the BC government. *Guidelines for Professional Services in the Forest Sector – Crossings* was developed this year.
- Updated Terms of Reference were developed for the Professional Practice, Consulting Practice and Investigation Committees.



Russ Kinghorn PEng, *Chair*

PROFESSIONAL PRACTICE AND ETHICS

BUILDING CODES COMMITTEE

In my 2004 report I noted the tremendous amount of work the Committee had put into the now anticipated 2005 National Building Code and associated BC Building Code and Vancouver Building Bylaw. The past year has been a little quieter in the lull before publication, expected this fall. The Committee has, however, spent significant time on aspects of the Code including the proposed BC mezzanine requirements.

In conjunction with the Seismic Risk Task Force, the Committee has continued its efforts to have appropriate lateral design requirements for Part 9 buildings addressed in the BC Building Code. As reported by the Seismic Risk Task Force, this initiative was unsuccessful.

The Committee continues to work on a number of issues. It completed an update on Bulletin K: Letters of Assurance and Due Diligence, which includes Schedule S that is recommended for use by engineers providing designs related to the

many specialty components and special situations where use of the standard Letters of Assurance is not appropriate. Work continues on the Guidelines for Fire Protection Engineering.

This is my last year as Chair of the Committee; James Blake PEng will take on the role next year. 2006 will be a challenging year with the implementation of new National, BC and Vancouver Building Codes/Bylaw in a completely new format.

I thank all past members for their work and know that future members of the Committee will work just as hard.



Andrew Harmsworth
PEng, Chair

APEGBC/ABCFP JOINT PRACTICE BOARD

The focus of the APEGBC/ABCFP Joint Practice Board (JPB) in the past year was the completion of a Memorandum of Agreement (MoA) between the two professions in the area of forest road crossings as well as completion of the *Guidelines for Professional Services in the Forest Sector – Crossings*.

The MoA addresses the overlap between the practices of professional engineering and professional forestry, as defined in the *Engineers and Geoscientists Act* and the *Foresters Act*, with respect to forest road crossings. It was signed on March 31, 2005 by APEGBC President Dennis McJunkin PEng and ABCFP President Randy Trerise RFP after endorsement by the respective Councils.

The signing paved the way for approval and implementation of the above referenced Guidelines, which establish the general obligations of APEGBC and ABCFP members in exercising due diligence under their respective legislative authorities when carrying out such work.

The MoA and Guidelines also clarify the appropriate levels at which to involve different professionals. Until 2004 the government regulated professional services for forest road crossings through the prescriptive Forest Road Regulation (FRR) under the *Forest and Range Practices Act*. The FRR

detailed the respective roles of engineers and foresters on forest road crossing projects, and the standards to which the work had to be carried out.

The new *Forest and Range Practices Act* has provided a results-based regime in which government respects that specific professional associations have the legislative authority to govern resource professionals working in the forest sector. The MoA and Guidelines demonstrate how APEGBC and ABCFP can work together to establish standards of practice for our respective members in areas of overlap using a non-prescriptive approach that permits innovative solutions.

Due to the importance of the MoA and Guidelines, the JPB assisted in the provision of training sessions for APEGBC and ABCFP members on these important documents. With this milestone accomplished, the JPB is now reviewing the Memorandum of Understanding between APEGBC and ABCFP that established the JPB in 1994, with a view to updating it as well as the JPB Terms of Reference.



Gordon Chipman RFP,
Chair

PROFESSIONAL PRACTICE AND ETHICS

BUILDING ENVELOPE COMMITTEE

The Building Envelope Committee serves as a forum for issues arising from the leaky condo problem, and the former Building Envelope Professional qualification, that were not being dealt with in other venues and could benefit from broader discussion and deliberation. Issues considered over the past year include the following:

- The relationship between APEGBC and AIBC with respect to building envelope issues.
- The general health of the building envelope sector of the construction industry. That is, are we better off now than we were a few years ago when envelope failures were a hot public issue and APEGBC and AIBC were both actively responding?
- The status of problems now becoming apparent with high-rise building envelopes.
- Provision of input to bodies who revise standards for materials used in the building envelope.
- The status of professional liability and contractor's insurance availability, and their effect on building envelope practice and the protection of the public.
- Durability of construction and its relationship to green buildings.

- Preparation of a *Guideline for Building Envelope Practice* for APEGBC members, now in draft form and under detailed review by the Committee. As there are many possible uses for this document, and therefore many stakeholders, this has proven to be a considerable challenge.
- The progress of the task force considering further specialist designations or alternatives.



Phil Sunderland PEng,
Chair

APEGBC's continuing professional development program had a repeat presentation of two 2-day CPD sessions led by Dr John Straube of the University of Waterloo. These covered advanced building envelope theory and practice, and were very well received.

I would like to thank all members of the Committee for their active participation, especially their efforts in serving on subcommittees that deal with various issues.

CONSULTING PRACTICE COMMITTEE

The Consulting Practice Committee addresses issues relevant to APEGBC members who provide professional consulting services to the public. Activities and achievements over the past year include:

- Completion of the proposed revision to Bulletin K that provides guidelines for the use of professional letters of assurance for building projects. The revised Bulletin was endorsed by the Committee along with the new Schedule S (Specialty Letter of Assurance) proposed for use by professional engineers providing specialty engineering services (eg, steel details, equivalencies) as defined under the four APEGBC *Guidelines for Engineering Services for Building Projects*. The Schedule S would be submitted to the appropriate Engineer of Record for the relevant aspect of the building project where a specialty engineering service is required.
- Development of a document for use in updates to the Guidelines that defines various types of drawings applicable to a construction project including design, as-built, record and shop drawings.
- Review of and amendments to the Committee's Terms of Reference.
- Review of various drafts of documents currently under development by other committees, such as revisions to the *Structural Engineering* guidelines.

During the past year it became apparent that in addition to the existing APEGBC Guidelines, there is a need for a variety of additional guidelines for highly specialized engineering or geoscience services. Such guidelines are intended to define the roles and responsibilities, and expected scope of work, for a professional engineer or geoscientist providing services in a specific field of practice.

The Committee has compiled a list of practice guidelines from other jurisdictions and will review these and any other suggested guidelines, on the basis of a needs assessment, to determine whether formal endorsement by APEGBC of a practice guideline in a particular field is warranted. The needs assessment would consider issues such as safety to the public and the number of practitioners involved in the particular field of practice to which the guidelines would apply. A procedure has been developed to facilitate the review of requests for guidelines.

In the past year, seven departing members of the Committee were replaced by five new members. They all deserve special thanks for their contributions.



Randall Kovacs PEng,
Chair

PROFESSIONAL PRACTICE AND ETHICS

DISCIPLINE COMMITTEE

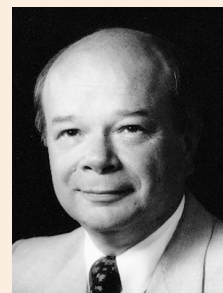
The *Engineers and Geoscientists Act* provides for the establishment of Investigation and Discipline Committees to deal with complaints concerning the professional conduct of members of the Association and, when warranted, take disciplinary action. This is one of the most important responsibilities of our self-governing professions.

The Discipline Committee acted on seven cases from the Investigation Committee during the 12 months ending June 30, 2005. Two proceeded to an Inquiry, with the charges against the members upheld, although one case is being appealed through court. Five cases resulted in Stipulated Orders being accepted by members. An injunction was obtained against a member under suspension who continued to practise. A number of cases are continuing and two previous cases are still under appeal.

The number of new cases proceeding from Investigation to Discipline has continued to be relatively stable over the past five years. Further information on the discipline process, and on members currently subject to disciplinary orders, can be found on the APEGBC website.

The cost associated with the important process of discipline and investigation is high; legal costs alone for the current year are expected to surpass \$250,000. In some cases the Association is awarded its costs and approximately \$27,000 has been recovered this year.

I thank the members of the Committee for sharing their understanding and professional expertise in carrying out our disciplinary responsibilities. Particular thanks are due to the previous Chair, George Prince PEng, for his many years of selfless service, and to Harry McBride PEng for his capable assistance as the retiring Deputy Director, Professional Ethics. The Committee also gratefully acknowledges the help of Geoff Thiele LLB, Associate Director, Regulatory Compliance, and the secretarial assistance of Maria Seifert.



Ed Hauptmann PEng
PhD, *Chair*

ENVIRONMENT COMMITTEE

The Environment Committee continued to meet and actively discuss key environmental topics during the 2004/2005 session. Our Committee is well served by a wide variety of members who practise across a broad spectrum of professional practice sectors including oil and gas, federal government, groundwater, power generation, regulatory issues and contaminated sites. I would like to thank them for their continued input and support.

Our mandate is to stay abreast of environmental issues in the province, particularly those that affect our professions. The evolving regulatory framework, and the degree of infrastructure development planned for 2005-2010, have increased our collective need to be vigilant. Key areas of focus this past year were:

- Participation in the BC Environmental Technology Round Table.
- Liaison with the Sustainability Committee.
- Maintaining a watching brief on major provincial projects through the BC Environmental Assessment Office with respect to the *Engineers and Geoscientists Act*.

- Liaison with the GVRD on air quality monitoring and airshed management.
- Climate change impacts on professional practice.
- Onsite wastewater legislation.
- Promotion of the Environmental Awards.

Our 2005/2006 strategy is to encourage closer links with the Ministry of Environment and to continue to make recommendations to Council on environmental issues of significance to our members.

I would like to thank Bill Donald PEng, my predecessor Chair, and all Committee members for their active and diligent involvement over the past 12 months.



John Holland PEng,
Chair

PROFESSIONAL PRACTICE AND ETHICS

INVESTIGATION COMMITTEE

The Investigation Committee investigates complaints initially received and reviewed by staff. It determines whether there are reasonable and probable grounds to believe that the member under investigation has contravened the Act, Bylaws or Code of Ethics, or has demonstrated incompetence, negligence or unprofessional conduct.

If there are reasonable and probable grounds, the Committee forwards its recommendation for an Inquiry to the Discipline Committee. If not, the Committee closes the file with no further action, or with a letter of recommendation to the member regarding his or her practice.

During the year, the Committee frequently appointed subcommittees to carry out an initial review of the complaint, used independent reviewers for cases where a technical issue was beyond the Committee's expertise, and/or requested a legal opinion as to the weight of the evidence available in reaching a decision on the "reasonable and probable grounds" requirement. Following these initial steps the Committee as a whole reviewed the overall information and reached consensus on the resolution of the complaint.

Several Committee members are participating on a joint Investigation and Discipline Task Force to review the Association's investigation and discipline processes and deter-

mine whether any changes are necessary to ensure they are as fair, consistent, transparent, efficient and cost effective as possible. Four members of the Investigation Committee are members of this Task Force along with three members of the Discipline Committee and one member of Council. The Task Force will report its findings and recommendations to Council before the end of 2005.

I would like to thank resigning member Mac Brodie PEng for his long-standing efforts in supporting the objectives and responsibilities of the Association. Brian Nakai PEng, John Robertson PEng, Neil Nyberg PEng and John Pao PEng StructEng were appointed by Council to the Committee during this year.

I thank the Association staff and all Committee members for their guidance, sincerity and commitment in ensuring fairness in the overall investigation process. In addition, I extend a special thanks to Harry McBride PEng, retired Deputy Director, Professional Ethics for his many years of support on behalf of the Investigation Committee's affairs.



Carl Wilson, PEng PhD,
Chair

PRACTICE REVIEW COMMITTEE

The first Practice Review Committee meeting was held in July 2004 after a period of program abeyance and since then we have reviewed 188 files. The Committee approved 17 requests for exemptions and refused two; the number of adjudicated files was 171. Two files were directed to the Investigation Committee. Three professional geoscientists and two dual registrants were reviewed. The annual review statistics are as follows:

• Practices in compliance	105	61%
• Practices needing improvement	42	25%
• Committee requests for technical reviews	12	7%
• Review letter of undertaking	1	<1%
• Requests for supplemental information	11	6%

This is APEGBC's 11th year of practice reviews, which total over 1,000. This year's statistics reflect well on APEGBC members. The program's greatest benefits arise from Committee requests for members to provide proposals for practice improvements. Most such requests focus on "practice tuning" efforts; followup reviews almost always yield findings of compliance.

There is no significant evidence of non-compliance by pro-

fessionals trained outside of Canada. Consulting sole practitioners have high relative rates of practice improvement outcomes. The rates are nearly the same across BC.

Council approved adding environmental engineering consulting and environmental geoscience consulting to the areas of practice included in the random selection of members for practice review.

We thank Past Chair David Magnusson PEng for his excellent and lively committee service. We are in the process of replacing several members who have served long and well.

An organizational review of the practice review program is still underway, with continuing interactions with the Consulting Engineers of BC and the Division of Structural Engineers.

The Committee owes special thanks to APEGBC's general and technical reviewers who evaluate member practices, submit reports that facilitate Committee reviews and, on a number of occasions, draw compliments from reviewed members. Staff members Lina Bowser and Peter Mitchell PEng provide indispensable and admirable support services.



Bob Gerath PGeo, *Chair*

COMMUNICATIONS AND MEMBER SERVICES

COMMUNICATIONS COMMITTEE

OPERATING ON A BROAD SCALE, the Communications Committee works with its standing committees and APEGBC staff on the planning, implementation and support of communications and member services initiatives and programs.

The volunteer standing committees reporting to Communications are Continuing Professional Development, Member Services, AGM Technical, Career Awareness, Editorial Board, Mentoring, Standing Awards and Public Relations, all supported by Association staff.

Aiding in an advisory capacity, the Committee also endeavours to provide the input that staff require to effectively implement and deliver programs arising from policy laid out in the Association's Strategic Plan.

This year has been one of focus and evaluation. In early 2005 we amended our terms of reference to better reflect the Association's needs and policies. The Committee agreed that the current Strategic Communication Plan should be reviewed. We also provided feedback on mandatory continuing professional development.

In a major public relations initiative for the Association, February saw another successful National Engineering and Geoscience Week (NEGW) with engaging public events such as the annual E-Fest at the Vancouver Public Library, and spaghetti and popsicle stick bridge contests hosted by APEGBC Branches. NEGW special inserts highlighting engineering projects and innovations were published in *Business in Vancouver* and the *Okanagan Saturday* to foster awareness of the engineering and geoscience professions.

Among the services offered to members, the mentoring program continues its ongoing work to connect members-in-training to experienced professionals who can offer guidance or advice on their path to full registration. If you are willing to share your time and insight, consider mentoring an EIT or GIT.

The past year saw the addition of a new member services program to expand current travel benefits; more cost saving programs are in development. These programs offer considerable savings for members and generate significant non-dues revenue for APEGBC that helps to reduce costs in other areas. All are described at www.apeg.bc.ca/members/affinity.html.

Council has directed that a Communications Task Force be formed to review current methods of communication to ensure the most efficient delivery of content for cost. This past year the Committee focused on optimizing the delivery of Association news to members. The launch of the frequently updated Connections electronic newsletter ensures that news delivery is timely, relevant and cost effective.

The professional development program continues to grow and offer more training sessions for members, be they technical in nature or related to business or personal development. In an effort to reach members outside the Lower Mainland, more webcasts are being offered in addition to courses held outside Greater Vancouver.

The 2004 Annual Conference and 85th AGM was held in Whistler at the Fairmont Chateau Whistler. This yearly event continues to enjoy strong member support, encouraging participation in APEGBC in the form of professional development, Association business and networking and social events. This year's 2005 Annual Conference and AGM will be held October 13-15 in Richmond; more information is at www.apeg.bc.ca/ac2005.



Janet Benjamin PEng,
Chair

COMMUNICATIONS AND MEMBER SERVICES

CONTINUING PROFESSIONAL DEVELOPMENT COMMITTEE

The CPD Committee and APEGBC staff saw another active year towards the completion of some significant tasks, notably a draft Mandatory Continuing Professional Development Guideline that was released for comment by Council, APEGBC committees and members.

Committee members and APEGBC staff have expended significant efforts over the past several years to prepare the Guideline, considering various relevant factors such as member needs, ease of compliance, ease of program management, learning from similar initiatives in other jurisdictions, categories of members requiring CPD, and minimum annual CPD hours.

Before a mandatory CPD program can be implemented, an enabling amendment to the *Engineers and Geoscientists Act*, and a bylaw change requiring ratification by two-thirds of voting members, will be required.

Members are encouraged to read the Guideline and provide comments; a copy is posted at www.apeg.bc.ca/prodev/mandatory_cpd.html. An online forum is available for the submission of comments. In addition, a FAQ section, details on the regulatory framework for implementation, and links to continuing competency programs of other Canadian engineering and geoscience associations are also provided on the website.

We are currently working on a business plan for this initiative. In developing the Guideline, the Committee was very

conscious of the need to implement a plan that did not require significant staff resources.

For example, the online reporting system will allow for automated review of member reports to easily identify which reports fall within identified parameters. In addition, audits can be done as part of the practice review process, although a separate auditing procedure may be used if needed. Finally, the proposed compliance mechanism has been shown to be the most effective means of eliciting member reporting, and the most cost effective mechanism used by other professional associations.

The number of CPD seminars organized by APEGBC staff and volunteers, and participation in them, has increased over the years. During the past year 75 seminars – with topics ranging from technical and regulatory issues to managerial, business and personal skills – were offered in the Lower Mainland as well as Nanaimo, Kelowna, Victoria, Prince George, Kamloops, Terrace, Cranbrook, Castlegar, Fort St John and Duncan; seven of these sessions were offered via webcast.



Vijay Kallur PEng,
Chair

EDITORIAL BOARD

It is my privilege to volunteer on the Editorial Board as part of the team that helps to make your journal a truly tangible connection between the Association and its members. We are proud that *Innovation* remains a vehicle to inform you of Association issues and changes.

Wayne Gibson PEng, who left the Association in November 2004, was instrumental in steering the process of renaming *The BC Professional Engineer* to *Innovation* in January 1997 (and the magazine's associated redesign), which arose from a membership vote at the 1995 AGM.

The reduction of *Innovation* from 10 to 6 issues generated considerable discussion during the past year. Through AGM Motion 2 in October 2004, Council was asked to reconsider its decision to reduce *Innovation's* publication frequency. Council in turn asked the Communications Committee to review the philosophy and frequency of *Innovation* and other means by which APEGBC communicates with members.

Communications consulted with the Editorial Board, who recommended that a publication frequency of 10 issues be reinstated and noted that the cost to produce 10 issues is about \$10 per member per year. Although Council committed that reinstating the frequency of *Innovation* would be a high priority during the 2005/2006 budget cycle, and considered alternative

budget scenarios, the approved budget was based on a publication frequency of six issues per year.

I would like to thank Editorial Board members for their dedication to *Innovation* and contributions to the editorial planning process. As Managing Editor, Jennifer White has done a commendable and careful job of planning and implementing the transition to a bimonthly format and maintaining, to the extent possible, timely reporting of Association news and business. Overall, the same high standards have been maintained in the bimonthly format.

Despite the expected reduction in total advertising revenues for six issues, we are seeing greater than anticipated demand thanks to an improved economic climate and the efforts of our Advertising Representative, Gillian Cobban. The ratio of ads to editorial is being monitored during this transition year to ensure that an appropriate mix is maintained that does not compromise the magazine's quality and integrity. This has involved adding extra pages to an individual issue when fiscal circumstances permit.



Bob Gill PEng, Chair

COMMUNICATIONS AND MEMBER SERVICES

MEMBER SERVICES COMMITTEE

The Member Services Committee is directed by its terms of reference to facilitate the delivery of value-added member services programs based on quality of service provision and savings to APEGBC members. During the past year affinity program providers generated a total of \$216,687 for the Association, over \$20,000 of which was contributed through the Annual Conference.

Member feedback is invaluable as the Committee reviews the various programs on an ongoing basis. An extensive review of the insurance program over the last 15 years of program operation showed that the home insurance offered by Lombard still provides the broadest insurance coverage available in the market at an extremely competitive price. Many members have found that their annual insurance savings through the program covers or exceeds their annual membership fee.

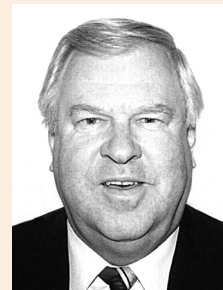
In an effort to explore options around savings on alternative and sustainable transportation, a group transit pass was considered. Unfortunately, due to TransLink's non-negotiable policy, it was found that pass administration would involve prohibitive liabilities and potential costs for the Association. The Committee is therefore continuing to pursue an alternate approach.

An agreement was signed with Bell Mobility and Accent

Inns. Just recently, the Committee accepted a program with National Car Rental, in addition to the CCPE program with Budget Rent-A-Car, to offer a broader scope of availability for car rentals.

The Committee welcomes your input and is eager to investigate further opportunities for members. Visit www.apeg.bc.ca/members/affinity.html for information on the affinity program savings that are available to you as an Association member.

The Committee's work could not have gone forward without the valuable contributions of former Chair Michael Farnsworth PEng, Douglas Blake PEng and Andrew Gorlick PEng, and newly recruited members Afzaal Pirzada PGeo, Don Kasamba EIT and Tom Mojica EIT. With the departure of the Manager of Member Services from the Association, staff members Fred Wylie and Melinda Lau now work closely with the Committee. Thank you all for your input.



Tiit Pikksalu PEng,
Chair

MENTORING COMMITTEE

The Mentoring Committee assists EITs and GITs to obtain professional registration in the four-year time frame by matching trainees with experienced professionals. These registered professionals guide trainees as they gain work experience and develop their professional skills.

An excellent evening seminar by Gary Robinson PEng on "Providing Effective Feedback: The Key to Effective Mentoring" was held in November 2004. The session involved direct teaching, interactive discussion and hands-on training. Committee members, mentors and trainees found the session to be practical and educational. We are planning to hold another seminar in November 2005.

During the past year the Committee received 23 new applications and most of the applicants were matched. The program currently has 109 matched pairs enrolled. In the coming year we will continue with matching activities and updating program information. We are also planning to survey participating members to ensure that the program is meeting their needs.

Each year the Committee receives several applications from internationally trained engineers and geoscientists who seek professional registration but are not registered as EITs/GITs. To assist these applicants, the Committee obtained Council approval to expand its mandate to include mentoring for

internationally trained engineers who become Provisional Members with the Association. The Committee continues to advertise to both recent graduates and potential mentors.

Ongoing support from the Association has been readily available. Andrea Hodgins now provides ongoing assistance to the Committee and we wish to thank Sandra Lee for her support over the past few years. Janet Sinclair continues to provide overall coordination support.

This past year, Mike MacLatchy PEng resigned from the Committee; his assistance over the past few years is appreciated. Committee members in the Vancouver area were James Canova PEng and Martin Paul PEng; Barry Brooks PEng provided mentoring support for the Victoria Branch. Murray Peart PEng provided support for the Interior and will be assisted by Martin Paul, who recently moved to Kelowna.

The Committee welcomes any members who wish to participate in the program as a mentor or a Committee member.



Hugh Fraser PEng,
Chair

COMMUNICATIONS AND MEMBER SERVICES

STANDING AWARDS COMMITTEE

APEGBC's Standing Awards Committee is responsible for seeking and reviewing nominations for the Association's annual awards. Final selections are made by Council based upon the Committee's recommendations.

The awards made annually by the Association are the R A McLachlan Memorial Award, C J Westerman Memorial Award, Meritorious Achievement Award, Professional Service Award, Community Service Award and Award for Teaching Excellence. The terms of reference for these awards can be found at www.apeg.bc.ca/members/awards.html. The Committee also submits nominations to CCPE for their annual Canada-wide awards.

In recent years, the challenge for the Standing Awards Committee has been to generate sufficient quality nominations from our membership for the various awards. Possible reasons for this shortage of nominations are:

- Lack of awareness of the requirements for the awards and their value.
- Insufficient publicity and personal contact when seeking nominations.

- Members' unwillingness to think about deserving members and then take the time to submit a nomination.

When nominations are received, they are generally of high quality, so we believe there are many of our members who deserve recognition and whose achievements need to be brought to our Committee's attention. Most engineers and geoscientists are too modest to promote themselves so must rely on nomination by colleagues.

We will continue to work on simplifying the nomination process and we urge APEGBC members to consider suitable candidates among their peers and to actively pursue their nomination for the 2006 awards.

Thank you to all Committee members and APEGBC staff for your assistance with the Committee's work. As well, thank you to all members who did submit nominations for the 2005 awards.



Bob Affleck PEng,
Chair

DIVISIONS

DIVISION FOR ADVANCEMENT OF WOMEN IN ENGINEERING AND GEOSCIENCE

DAWEG continues to fulfil its mission to make engineering and geoscience appealing, rewarding and equitable for women so that they are attracted to, and are practising at all levels in, our professions.

This year, in addition to offering various networking activities to members in the Lower Mainland, we supported members in Victoria and the Okanagan who organized local events. Recognizing the contributions of female engineers and to provide role models for others, DAWEG nominated several women for the CCPE and APEGBC awards and APEGBC Council.

Our events created numerous opportunities for networking, mentoring, skills development, outreach and collaboration with other organizations. By socializing at the Christmas party and summer social, running on the DAWEG team in the Sun Run, and participating in professional development seminars in the DAWEG stream at the APEGBC Annual Conference, Division members are able to grow professionally and personally. DAWEG also provided these opportunities to newcomers to Canada through a workshop for Internationally Trained Women Engineers organized jointly with SCWIST/IWIS.

The annual Salary Seminar for graduating students is taking on new dimensions through collaboration with the APEGBC-MAPS program to bring the event to UBC students, and by

expanding the seminar to other universities in BC with support from the UBC Jade Bridges program. Building on the successes of last year's pilot, the UBC Tri-Mentoring program successfully matched 42 mentors from industry/academia with 78 students. To raise awareness of the engineering and geoscience professions and women's role in them, DAWEG members enlightened students, parents and teachers during E-Fest and Women in Construction Day.

The Executive has developed a number of tools this year to more effectively serve the needs of DAWEG members. These include a professional accounting system, policies, and publicity tools such as a banner with DAWEG's logo and sponsor logos as well as a business card-sized information pamphlet. We also initiated the update of DAWEG's display booth and the production of a PowerPoint presentation for school outreach presentations.

We look forward to developing a new program for DAWEG for 2005/2006 at our upcoming AGM on October 1. For more information, visit www.apeg.bc.ca/daweg.



Maggie Wojtarowicz
EIT, Chair

DIVISION OF ENGINEERS AND GEOSCIENTISTS IN THE FOREST SECTOR

The 2004/2005 year began with another well attended, enjoyable conference and AGM in Whistler, where DEGIFS members delved into forest road and crossing issues; terrain stability problems related to drainage, fans and fires; and professional accountability.

This year we continued our participation in the development and review of the recently approved *Guidelines for Professional Services in the Forest Sector – Crossings* as well as our work with the Consulting Engineers of BC and Ministry of Forests to improve professional services contracting practices.

More recent initiatives included continued involvement with the Guidelines subcommittee, involvement with the Ministry of Environment and other public and private sector organizations to create the Terrain Information Working Group, and evaluation of EIT/GIT proxy supervision.

We awarded two \$2,000 bursaries to Matt Sakals PGeo PAg, a graduate student in UBC's Faculty of Forestry, for his research into soil recharge in landslide head basins; and to Raegan Brown, a fourth-year SFU earth sciences student, for his paper on biotechnical erosion control.

Other activities over the past year included looking into affiliate membership issues, assisting with the 2005 Forest Engineering Award of Excellence, exploring greater coopera-

tion and involvement with ABCFP, upgrading and maintaining the DEGIFS website and producing four issues of our newsletter, *Aspect*.

DEGIFS members are working diligently on the 2005 AGM technical sessions. These will include a broad spectrum of talks focused on the theme of long-term sustainability and planning in the forest sector, preceded by a one-day field tour on issues and projects within Vancouver watersheds.

It is only through the volunteer efforts of dedicated members that DEGIFS is able to keep up with, and influence, the constantly evolving forest sector. These volunteers facilitate our mandate to promote education and high standards of practice, and to provide a forum for Division members, forest companies, government agencies and the public.

I would like to thank the Executive, the editorial team, the co-opted representatives (particularly Peter Mitchell PEng, our APEGBC liaison) and other DEGIFS volunteers whose hard work is reflected in our continued success.



Heather Blyth PGeo,
Chair

DIVISIONS

DIVISION OF STRUCTURAL ENGINEERS

The past year for DSE has been exceptionally busy. The major issues dealt with this year include the following.

New Structural Engineers Group: Discussions with the Vancouver Structural Engineers Group and the Structural Engineering Consultants of BC over the last year resulted in the proposed formation of a new group, the Structural Engineering Association of BC. The key issue is to continue to fulfill the original mandates of all three organizations under the proposed new SEABC.

Seismic Issues of BCBC Part 9: See report of the Seismic Risk Task Force.

Guidelines for Structural Engineering Services for Building Projects: Work continued on the update to these important Guidelines. Wording to introduce sustainability concepts has been drafted in cooperation with the Sustainability Committee.

Structural Checking Guidelines: To clarify and give guidance to the intent of the in-house checking bylaw and the Structural Concept Review bylaw, a new structural checking guideline was drafted by the DSE; however, we have struggled to reach a resolution with other APEGBC committees on the draft. DSE has recommended establishing a task force to resolve this matter.

School Seismic Upgrades: See report of the Seismic Risk Assessment Steering Committee.

UBC Scholarship: DSE established two \$1,000 scholarships

for UBC undergraduate students demonstrating a serious interest in structural engineering. With the passing of Jim Warne PEng, a prominent DSE board member for years, the scholarships are known as the Jim Warne Scholarship Fund.

IStructE/DSE Joint Division: The DSE is currently a joint division of APEGBC and IStructE. An agreement has been reached between APEGBC and IStructE, which sets out the terms for the formation of a Division of Structural Engineers jointly operated by APEGBC and IStructE.

Northwest Council of Structural Engineering Associations and Western Council of Structural Engineering Associations: A key objective has been the development of the structural qualification process, and where feasible having BC's process consistent with those in neighbouring states. By harmonizing requirements, the DSE intends to extend the boundaries of regional mobility for qualified structural engineers. A milestone was achieved when the AGMs for the NWCSEA and WCSEA were held at the 2004 APEGBC Annual Conference in Whistler.



Thor Tandy PEng,
Chair

MUNICIPAL ENGINEERS DIVISION

The Municipal Engineers Division has a membership of over 300 professionals working in various public sector organizations throughout BC. It provides a valuable forum for municipal engineers to meet, exchange ideas, debate issues and be a catalyst for improvement, innovation, sustainability and change in the public sector.

This past year Don Brynildson PEng and Gary Smirfitt PEng resigned from the Executive; we thank both for their excellent work and especially Don for his many years on MED. We welcome Peter Navratil PEng and Eugene Wat PEng as new Directors.

Our Division participated in the APEGBC 2004 Annual Conference in Whistler last October, organizing presentations on the Little Mountain Reservoir, Forest-Urban Interface for Fires, Managing in a Union Environment and Micro-Hydro Projects.

The annual MED AGM was held on November 19, 2004 jointly with MMCD; the seminar covered current issues including green buildings and infrastructure. A lively panel discussion was held on Engineering in the Municipal Structure, and Ken Dobell delivered a keynote address on provincial updates.

MED has continued in 2005 with the development of a Consultant Selection Process that will be standardized yet flexible and adaptable for municipal engineers to use for their

specified purpose. John Bremner PEng was retained to carry out this work with cost sharing from CEBC. The draft has been circulated for review with all three executives of MED, REAC and CEBC and we will be hosting a session on this topic at the 2005 APEGBC AGM.

The spring seminar was held on March 11, 2005 where the question "are you earning what you're worth?" was asked, followed by a presentation on the proposed Consultant Selection Process.

On June 10, 2005 we arranged a seminar and tour of the Seymour/Capilano Filtration Project where GVRD staff gave a thorough and interesting presentation.

During the October 2005 APEGBC Annual Conference in Richmond we will again sponsor a one-day stream featuring three speakers on the Olympics in Vancouver.

On behalf of the MED Executive I want to encourage all municipal engineers in the public and private sectors to join the Division and participate!



Donna Howes PEng,
Chair

BRANCHES

BURNABY/NEW WESTMINSTER BRANCH

Our Branch had a productive and eventful year filled with dinner speakers as well as diversified tours.

Highlights included tours of the Chevron refinery; SkyTrain control centre and vehicle maintenance facility; E-Comm facilities and control centre; BCIT photovoltaic system; and Coanda R&D laboratory (fluid dynamics studies) as a joint event with the Fraser Valley Branch. We held a dinner meeting featuring a presentation on the dynamic characteristics of power grids and methods of predicting grid performance.

Our AGM, held in June at the Westminster Club in New Westminster, was a well attended and enjoyable evening complete with excellent food and an interesting presentation about the Association by the President.

Over the next year we hope to increase member involvement in the Branch Executive and activities. We also look forward to providing informative and entertaining events to Branch members.

I would like to thank this year's Executive for their energy, involvement and support in making 2004/2005 a successful year. I would also like to congratulate the new Executive members for the upcoming year and wish them all the best.



Boubacar Diallo EIT,
Chair

CENTRAL INTERIOR BRANCH

We started the year with our AGM luncheon featuring Art Beaumont PEng as our speaker. Several other luncheons were held including a tour by Dave Dyer PEng of the City of Prince George on the Fishtrap Island collector well. We took another tour of the new Prince George International Airport with its award winning designs including the new arrival, customs and baggage handling facilities.

During Engineering Week in February we held the annual popsicle stick bridge building contest at Exploration Place, which featured a tremendous turnout and many exciting new bridge designs. Four different categories were available, with the winning bridge holding a whopping 759.7 lbs. Thanks to Don and Dychelle Williams for their efforts in making this event such a great success.

A luncheon was held at the University of Northern BC with the professors of the new environmental engineering program. We participated in Career Days at the College of New Caledonia with an APEGBC information booth to make stu-

dents aware of careers in engineering and geoscience.

Some Branch members participated as judges in the Central Interior Science Exhibition, also held at UNBC. The winner of the APEGBC scholarship for the Science Exhibition developed an innovative design using a digital camera as a mirror to assist disabled persons.

In the spring we held our annual President's visit with Dennis McJunkin PEng that included a Branch luncheon, meetings with Mayor Colin Kinsley of Prince George and provincial officials, and a tour of the University of Northern BC.

Next year we hope to include more tours, luncheons, a barbeque, a golf tournament and, of course, the popsicle stick bridge contest.



Bob Parolin PEng,
Chair

BRANCHES

FRASER VALLEY BRANCH

Through the generous efforts of our Branch Executive, participation of members and support of APEGBC staff, the Fraser Valley Branch has enjoyed another great year. We appreciate the support and participation of members in our many dinner meetings, presentations, social events and tour opportunities, some involving interaction with local, regional and provincial governments.

The year began with a collaborative effort with members of the Project Management Institute as we celebrated the success of the Surrey Central City Project that created distinction in design and workmanship.

In October the Minister of State for Mining, Patrick Bell, spoke about the welcome resurgence of mineral exploration and activity in BC. This was followed by a presentation from Fred Cummings PEng, who gave a status update and overview of the project funding approach and business model development for TransLink's Golden Ears Bridge project. To everyone's delight, the Branch held a festive social event — a private tour of the Domaine de Chaberton winery, including wine tasting and a gourmet meal.

In January Paul Ham PEng of the City of Surrey and Ron Marr of Progressive Construction discussed the partnering and funding approach used by the City to service and develop

Campbell Heights Business Park. The Executive collaborated with our colleagues at Burnaby/New Westminster and toured the fluid dynamics research facility at Coanda Research and Development, which showcased numerous hydraulic experiments.

In May we held a successful President's visit and Branch AGM dinner meeting where Dennis McJunkin PEng and Anne Garrett PEng updated members on current affairs and issues at APEGBC. In response to a good year, the Branch was successful in recruiting new members to the Executive at its AGM.

The Branch continues to support the annual Fraser Valley Regional Science Fair and local MathChallengers events, and willingly forwards concerns to the annual Branch Representatives Meetings and AGM. In the coming year we look forward to continuing our support of community events, providing opportunities for membership networking and social gathering, and acting in a support function and as a link to the Association.



Ron Weismiller PEng,
Chair

NORTHERN BRANCH

The Northern Branch had another good year. All the events went smoothly, with local tours provided with each organized meeting.

We held a general meeting in March sponsored by Methanex and Alcan Primary Metal BC. This event, which has been running for three years, was a large success this year due to their contributions and the support of the past Chair. Each company held a tour of its facilities for anyone interested in seeing their respective operations, followed by Branch announcements, a buffet dinner and presentations from both companies about their current developments.

The Branch's AGM in June included President Dennis McJunkin PEng and Mike Graham PEng of the Prince Rupert Port Authority. Mike discussed the port expansion and outlined some of the design philosophies and site plans for the future. This was followed by a Q&A session with Dennis, Branch business and the induction of new members to the Executive.

The Branch's goal for the upcoming year is to promote the disciplines of engineering and geoscience in our northern communities. To facilitate this, we plan to promote Engineering and Geoscience Week by sponsoring a popsicle stick bridge building competition. Anyone interested in volunteering their time to help plan this event are asked to contact Jamie at jmalthus@hotmail.com or (250) 638-8530.

Thanks to all those who volunteered their time to organize the social events over the last year. Big thanks to Alcan and Methanex for their contributions to the Kitimat general meeting.



Jamie Malthus EIT,
Chair

BRANCHES

OKANAGAN BRANCH

The Okanagan Branch had a very successful year with renewed enthusiasm within the Executive and Branch members. Highlights included the annual career fair at the KLO campus of Okanagan University College (OUC) in November, where APEGBC was represented by Branch members.

We held a well-attended tour of the Penticton Foundry in December. Pictures of the molten steel being poured into forms are a good visual and can be seen on the Branch website at www.apeg.bc.ca/ok. We also held a tour of Canadian Commercial Vehicles in January.

Our dinner meeting at OUC featured guest speaker Dr Michael Isaacson PEng, Dean of Applied Science at UBC in Vancouver and UBC Okanagan. September 2005 will be the first offering of Engineering One at UBC in Kelowna. In February, Craig Hostland PEng was in Armstrong to promote engineering and geoscience as a career at the aboriginal career fair held at Pleasant Valley Secondary School, where the APEGBC display was a hit.

The spaghetti bridge contest in March at OUC featured a record number of 175 entries in all categories, with competitors from as far away as the Netherlands, Hungary, Iran and

the Czech Republic. July saw the return of the annual Lobster Fest, which was incorporated with the President's visit and was very well attended by 60 people at the Westbank Yacht Club. Put on entirely by volunteers, this event was a great success.

There was a considerable increase in CPD seminars held in Kelowna including Leadership Action Skills (February 18), Precast Concrete Pipe Design and Installation (April 6), Business Strategies for Sole Proprietors and Small Firms (April 21), Technical Writing (May 6), Creating Value (May 17) and the Privacy Act (June 9). We would like to thank Janet Sinclair and her team for providing these seminars.

We look forward to keeping the momentum going for the next year and hope that even more members come out and participate in the events. Thanks once again to the members who participated and especially those on the Executive who helped with our events.



Matt Cameron PEng,
Chair

PEACE RIVER BRANCH

This was an ambitious year for our Branch as we decided to tackle a larger number of events and strive to provide more professional development opportunities to our members. Overall, it was a successful year due to the hard work of the Branch Executive and all the event volunteers and participants. Thank you for your support.

Our first event was the Branch AGM in November, where 20 members enjoyed a delicious dinner and helped the new Executive with event ideas for the coming year. In January we held an Investment and Tax Planning seminar, presented by Brad Brain of Brookshire Securities, to help members plan for their upcoming tax returns. In February we held our first professional development seminar on Time Management, a very popular event with 33 members and general public attending.

In March we held the ever-popular 7th annual popsicle stick bridge building contest with 55 team entries; our top bridge, "The Rock," held an impressive 280 lbs. In April we

organized our first ever spring social event, which gave local members an opportunity to get to know each other. In May we held our second professional development seminar on Project Management, which was well received.

Our most recent event in June was a double header that included a tour of the Slocan-LP OSB plant construction site, the largest plant of its kind in North America, and our annual President's visit and dinner.

For the remainder of the year we plan to hold another professional development event on Contract Law, as well as either a tour of a local coal mine or a technical presentation on wind power development in northeastern BC.



Timothy Stobbs EIT,
Chair

BRANCHES

SEA TO SKY BRANCH

This was a busy year for our Branch and the Executive did an excellent job to make things happen.

Our Christmas dinner meeting, originally scheduled with Peter Milburn to discuss the Sea to Sky Highway improvements, was rescheduled due to a sudden illness. Instead, Douglas Knight PEng, a new Life Member receiving his gold foil, gave a very interesting impromptu talk on changes in the mining industry over the last 40 years.

In February our annual energy forum topic was biomass energy, drawing participants from all over the Lower Mainland and our largest turnout ever for a dinner meeting. During our annual popsicle stick bridge building contest in March, 47 bridges were tested, the largest turnout yet for this event. In the most competitive Elementary category a slow-motion video replay was required to determine the winner.

Our Branch AGM was held in Squamish, the first time this event was held outside North or West Vancouver. Dr David Strangway also gave a talk on the Sea to Sky University being built in Squamish.

Our President's visit was also done a little differently this year. We had a free event at Capilano College and a very

open discussion with President Dennis McJunkin PEng and Executive Director Anne Garrett PEng.

Other dinner meetings included talks by Brooke Clements PGeo of Ashton Mining on diamond mining in Canada; Mark Ferguson PEng and Tom Morrison PEng of the GVRD on the Seymour-Capilano Filtration Project; and Raymond Alva and Cameron Route, two UBC engineering students, on Engineers without Borders. We also had a very popular tour of the SeaBus, originally scheduled for 45 minutes but stretching to about two hours with participants asking questions and discussing this unique harbour ferry. The sixth annual barbeque was held in July at the beautiful gardens of Vivian and Bill Vaughan PEng.

For the latest information on our Branch as well as more detailed information on most of our past events, see our web page at apeg.bc.ca/ss.



James Blake PEng,
Chair

SOUTH CENTRAL BRANCH

The South Central Branch had a successful year in 2004/2005. Events included a mountain bike night, lunch meetings and the 2nd annual popsicle stick bridge contest.

The year-end Branch AGM included a great summary of 2003/2004 presented by Kevin Turner PEng. To cap off the event, Gordon Antenbring PEng was honoured by receiving his Designated Structural Engineer (StructEng) certificate.

As in past years, luncheon meetings have been our most successful venue for engaging Branch members. Topics included erosion effects of significant rain events on the burned landscape of the Cedar Hills and Strawberry Hills fires presented by Bill Grainger PGeo, Don Funk PEng and Greg Reid PEng/PGeo in October 2004; the Red Bridge presented by Jim Richardson PEng in February 2005; the Kamloops Centre for Water Quality presented by Maurice Gravelle PEng in March followed by a field tour of the facility in May; and Kamloops MLA Claude Richmond speaking and answering questions from Branch members at the June luncheon.

Several events occurred at Thompson Rivers University (TRU), formerly the University College of the Cariboo. Branch members displayed a booth promoting APEGBC at the annual

October TRU open house. TRU instructor Darryl Hutcheon guided an intriguing tour of the robotics lab in February. The 2nd annual popsicle stick bridge contest in March featured a winning bridge that supported 612 lbs and the introduction of the "Corporate Cup" to encourage friendly competition between local engineering firms.

The President's visit in April included a lunch meeting in Salmon Arm, a tour of the Kamloops Centre for Water Quality and an evening dinner meeting in Kamloops where deserving local members were presented their PEng certificates.

The 2nd annual mountain bike and pub night was a social event held in June to celebrate the longest day of the year.

Special thanks to the Branch Executive who worked hard to make this a successful year, Ben Giudici PEng for his commitment in coordinating the popsicle stick bridge contest, and all of the folks who donated time at the many events.



Deven Matkowski EIT,
Chair

BRANCHES

VANCOUVER BRANCH

The Vancouver Branch has concluded another successful year of outreach and fellowship. Our dedicated and committed volunteers have been busy with dinner meetings, breakfast seminars, tours, student and EIT outreach, E-Fest and much more.

In October we held our first group tour at the International Submarine Engineering facility in Port Coquitlam. Jo-Ann Moore PEng and yours truly attended the AGM and Branch Reps meeting in Whistler. At our November dinner meeting Dr John MacDonald PEng (previously of MacDonald-Dettwiler) spoke about renewable energy and his latest venture, Day-4 Solar Energy. Also in November we held a second group tour at the Cathedral Power switching station in Vancouver.

December activities included our first breakfast seminar of the year with a talk by Moreen Singh of Shealon on time distribution as an independent contractor. We also enjoyed another great Vancouver Branch Christmas party.

Events in January included a student/industry mixer at UBC's infamous Cheeze Factory and a successful UBC career fair coordinated by our Branch UBC liaisons Trevor and Joel.

Thanks to Kevin Reiderer EIT, the 9th annual E-Fest at the Vancouver Public Library in March was one of the most successful on record with over 7,000 visitors attending. We had over 20 exhibitors including UBC groups and many of BC's prominent engineering companies, and were featured on a short segment on Shaw TV. Later that month Gillian Pichler PEng of APEGBC gave an in-depth presentation at our annual EIT log book reporting seminar.

April and May saw Linda Davis of Jardine Lloyd Thompson Insurance speaking on liability at our second breakfast seminar of the year; Branch participation in the Canadian MATHChallengers competition; the annual President's visit and Branch Reps meeting; and participation in this year's National Science Fair through our career awareness coordinator, Borianna Arguirova PEng, who helped judge this event.



Leonard Pianalto PEng,
Chair

VANCOUVER ISLAND BRANCH

Sabre Anderson PEng

The past year has been eventful for the Vancouver Island Branch. We organized six dinner meetings, which were well attended and featured speakers on a wide range of topics. The President's visit and presentation of certificates highlighted our dinner meeting season.

Other Branch activities over the year included the annual popsicle stick bridge contest and our end-of-season golf tournament. The Branch continued to support the scholarship fund awarded to a student entering a program of engineering or geoscience at Malaspina College. In addition, we continued to

add technical manuals, textbooks and reference material to the Vancouver Island Regional Library. This material is readily available to all within the Branch through the regional library system.

Part way through this year our Chair, Louis Brisson PEng, was relocated to Alberta. The Branch Executive would like to thank Louis for his efforts and wish him good luck in his future endeavours.

We would also like to thank all the dinner meeting sponsors and volunteers who assisted with our events, and our members who attended and made the year yet another success.

BRANCHES

VICTORIA BRANCH

The Victoria Branch strives to support local engineering and geoscience professionals and student and community outreach activities every year. We facilitated eight dinner meetings over the year, held on the last Thursday of every month, all with interesting and informative speakers. We were also involved in local events throughout the year.

Our feature dinner meetings revolved around three important events – the Richard Talbot Scholarship Fund Award, the Robbie Burns night and the President's visit. Our speaker coordinator has provided us with great speakers for the dinner meetings over the years.

We awarded a \$500 scholarship to the recipient of our annual Richard Talbot Scholarship Fund Award in February. We are actively managing the fund to assure steady growth.

It was our pleasure to have President Dennis McJunkin PEng and Executive Director Anne Garrett PEng attend the Victoria Branch for our annual President's visit.

The Victoria Branch volunteered for and supported the MATHChallengers math contest for high school students ranging from grades 8 to 12. We had overwhelming support

from our members to volunteer for this event. We also participated in the highly successful Claremont High School career day in November.

We supported the Vancouver Island Regional Science Fair held at the University of Victoria. Over 100 science projects from students in elementary and high schools on Vancouver Island were judged by our members and awarded 20 prizes. We also contributed to the awards given at the spaghetti bridge contest held at Camosun College during Engineering Week.

The Victoria Branch AGM was held in May in conjunction with our last dinner meeting.

It has been my great pleasure to serve as Chair for 2004/2005. I would like to thank the Branch members who volunteered and generously donated their time to make this year successful.



Joshua Hayes EIT,
Chair

WEST KOOTENAY BRANCH

This has been another busy and exciting year for the West Kootenay Branch. Our main focus has been tapping into a few new areas while working on increasing member involvement for the upcoming months.

Last fall we started a series of female engineers' lunch meetings, which gave us the opportunity to get to know each other and enjoy the diverse professional and cultural background available in our area. We also began the first steps towards an outreach program with School District 20 to expose high school students to the fascinating field of engineering through a job shadowing program. As an informal tradition, we enjoyed an autumn tour and sampling afternoon at the Columbia Winery in Trail.

In December we held a successful Contract Law course followed by our well-attended AGM. Later, on a cold February evening, SKF Bearings gave our members some ideas on how to reduce maintenance and improve performance by taking advantage of new technologies and materials.

In March we had a smashing success (literally) with our second popsicle stick bridge building contest, which attracted many local sponsors as well as a wonderful crowd of kids (and engineers) of all ages!

As our region is well populated with hydropower development, on a wet Saturday in April we started our second series of dam technical tours and presentations at the Brilliant Expansion Project, a one-unit (Kaplan), 120 MW powerhouse under construction in the Kootenay River. We toured the intake bay and tunnels and caught a glance of the erection of the lower levels of the powerhouse.

At the end of May we held a private tour of Pacific Insight Electronics, a small and well-awarded company supplying the automotive and marine industry with high quality components assembled right here in the Kootenays. After the tour we headed out to Nelson to wrap up for the summer with the President's visit.

In upcoming months our members will have the opportunity to hone their negotiation finesse with the Negotiation Skills seminar. For our outdoorsy members, this fall we'll start our extreme sports series with a family afternoon at one of our local rock climbing facilities – just hang in there and get involved!



Martha McLean EIT,
Chair