

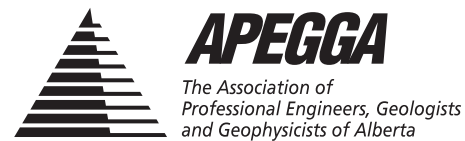
# Creating a Better Alberta

## APEGGA'S MISSION

To serve society and protect the public by regulating, enhancing and providing leadership in the practice of the professions of engineering, geology and geophysics.

## APEGGA'S VISION

To be the focal organization which is the recognized leader of the engineering, geology and geophysics professions involved in the application of science and technology for the benefit of society within Alberta.



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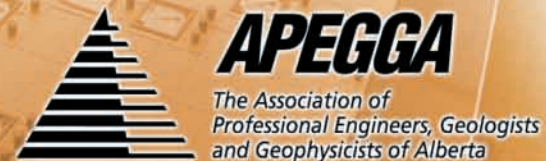
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# Creating a Better Alberta

Annual Report 2002-2003





# Creating a Better Alberta

## The APEGGA Annual Report 2002-2003

As Albertans continue to enjoy the best economy in Canada, a busy and dedicated group can claim much of the credit for the province's successes. That group is Alberta's expanding corps of professional engineers, geologists and geophysicists.

These professionals strive to maintain and build upon Alberta's prosperity, but their dedication must, by law, go further. They must protect the public and serve society's best interests. They must work ethically and within their areas of expertise, and they must continually hone their skills and keep their knowledge current.

It's a tall but critically important order. In fact the safety and well-being of people throughout Canada and the world often depend upon it.

But the three professions have support, in the form of their self-regulating organization. The Association of Professional Engineers, Geologists and Geophysicists of Alberta, whose 2002-2003 Annual Report you hold in your hands, receives its power from the provincial Engineering, Geological and Geophysical Professions Act. APEGGA is run by a paid staff of about 45, who carry out their duties with the support of hundreds of members who volunteer their time and expertise.

APEGGA members bear the responsibility and earn the privilege of regulating and disciplining themselves. All people and companies in Alberta that practice one or more of the three professions are required by law to be members. APEGGA's duty is to make sure practitioners are licensed, that they meet experience and education qualifications, and that they uphold high levels of professionalism.

At the same time, APEGGA's role has grown to include services and activities that aren't, strictly speaking, regulatory. To support and help attract the best and the brightest, APEGGA funds scholarships, sponsors university and school activities, and runs an extensive science and technology outreach program. APEGGA honours those of its members who achieve excellence, puts on seminars and professional development days, and supports a number of services for the membership.

That membership is large — and expanding. In fact APEGGA has the largest membership of all the professional associations in Alberta. By the end of 2002, APEGGA's registration had passed the 38,000 mark, an increase of more than seven per cent in only one year and the continuation of a trend going back a decade or more.

The membership is diverse. Professionals come here from across the country and around the world, and it's APEGGA's job to make sure they meet Alberta's high standards before their names are on the register. Alberta actually brings in more engineers and geoscientists each year than the number of engineering and geoscience students who graduate from its universities.

There's also diversity in the types of occupations held by professional members. The two geoscience professions are separate and distinct, and very different from engineering. At the same time, a wide range of traditional and emerging disciplines are considered forms of engineering. And many APEGGA members work their way up to the highest echelons of management.

Resource extraction and development, construction, public works, transportation, geomatics, information technology, nanotechnology, bio-technology, manufacturing, processing, public and private research — if it's happening, chances are that APEGGA professionals are involved.

It all adds up to a host of challenges for members and their Association. The 2002-2003 APEGGA Annual Report offers an overview of how APEGGA meets those challenges — and, in the process, how the Association and its members are Creating a Better Alberta.

## 83rd ANNUAL GENERAL MEETING

*Ron Tenove, P. Eng., Chair*  
*Crystal Room, Palliser Hotel, Calgary*

*Saturday, April 26, 2003*  
*8:30 a.m.*

### AGENDA

1. PAYMENT OF RESPECT TO MEMBERS DECEASED SINCE 2002 ANNUAL MEETING
2. ANNOUNCEMENT OF ELECTION RESULTS
3. OBJECTION TO ELECTION RESULTS
4. MINUTES OF THE 2002 ANNUAL GENERAL MEETING
5. BUSINESS ARISING FROM THE MINUTES
6. AUDITOR'S REPORT  
(Auditor will be in attendance)
7. APPOINTMENT OF AUDITORS FOR 2003
8. PRESIDENT'S REPORT
9. REPORTS OF BOARDS, COMMITTEES AND BRANCHES
10. CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS
  - 10.1 President of the Board
11. CANADIAN COUNCIL OF PROFESSIONAL GEOSCIENTISTS
  - 11.1 Chair of the Board
12. NEW BUSINESS
13. APPOINTMENT OF NOMINATING COMMITTEE FOR 2003/2004
14. DATES FOR 2004, 2005 AND 2006 ANNUAL GENERAL MEETINGS
15. ISSUES FORUM
16. INDUCTION OF PRESIDENT
17. ADJOURNMENT

Creating a Better Alberta

President's Report . . . . .	2-3
2002-2003 Council . . . . .	3
Executive Director's Report . . . . .	4-5
Deputy Registrar . . . . .	6
Professional Practice . . . . .	7
Special Projects . . . . .	8
Registration . . . . .	9
Examinations . . . . .	10
Compliance . . . . .	11
Professional Development . . . . .	12
Administration . . . . .	13
Member and Corporate Affairs . . . . .	14
Communications and Public Affairs . . . . .	15
Outreach . . . . .	16
Summit Awards® . . . . .	17-27
Financials . . . . .	28-32
Education Foundation . . . . .	33
Committees and Boards . . . . .	34-37
In Memoriam . . . . .	38
82nd Annual General Meeting Minutes . . . . .	39-40
83rd Annual General Meeting Agenda . . . . .	Inside Back Cover



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# PRESIDENT'S REPORT



**Ron Tenove, P.Eng.**  
**APEGGA President**

Writing for the Annual Report encourages reflection on the status of the contribution of the engineering and geoscience professions to the economy of Alberta, the communities where we live and our role in the building of Canada. As the public attempts to comprehend the impacts of global security fears, advances in genomics, climate change projections and the new world of nanotechnology, what are we doing to serve our governance mandate of protection of public safety and welfare?

Activities of APEGGA this past year should add a measure of comfort that our professions continue to excel in improving the understanding and application of engineering and geoscience technologies to the betterment of society. Our participation in important issues continues to be sought by educators, government and public stakeholder groups. APEGGA members and our army of volunteers in Outreach programs, working committees, boards and Council are making a difference. Traveling across Alberta and Canada as your president, I enjoyed hearing the interest our audiences have in our professions and having the privilege of providing some steerage to APEGGA actions.

## **Health of the Professions**

A Canadian Council of Professional Engineers national survey shows 97 per cent of all engineers are employed and the demand is increasing. APEGGA registration offices continue to be overwhelmed with the demand in Alberta for engineers and geoscientists. The Alberta Advantage of a strong economy and exceptional living conditions makes our province a global destination for business and employment.

We currently graduate about 850 of the 2,100 professionals registered each year, necessitating that we attract people to Alberta.

Our Excellence in Education and Outreach programs are working effectively to attract young Albertans into math and science programs, post secondary education and rewarding careers. Alberta school boards applaud APEGGA's leadership and energy in helping excite students to learn.

Globally, Canada competes to attract foreign-trained engineers and geoscientists. The federal government has provided the Canadian Council of Professional Engineers with funds to develop a model *Consideration to Integration*, aimed at obtaining the best professionals to live and work in Canada. APEGGA has three members on the CCPE Steering Committee for this project, including chair.

## **Licensure**


APEGGA members and the provincial government continue to express the need for diligence in ensuring all qualified engineers and geoscientists are licensed to practice. We have tripled activity in scope of practice and right to title compliance. As a result, we are seeing more legal challenges and costs on a national front, making our government legislators acutely aware of their role in governance of the professions.

The APEGGA Licensure Task Force is developing a discussion paper for Council and government on the direction of licensure of the professions.

The R.P.T.(Eng.) program of APEGGA is flourishing with 81 new APEGGA members licenced for a defined scope of practice. The recent legislative approval to provide similar title and scope of practice for geoscientists should add notably to recognition of the geoscience team with professional geologists and geophysicists.

APEGGA is closely monitoring the actions in British Columbia wherein APEGBC (engineers and geoscientists) and ASTTBC (technologists) are proposing to merge as "one act, one association," to provide a seamless ladder for governance of technology practitioners.

## **Mobility**

More than 60 per cent of members and a higher percentage of engineering students desire "borderless" mobility between Canada and the United States as important to their career plans. APEGGA is active within CCPE and directly with western states in reducing barriers to P.Eng. = P.E. Perhaps a meeting of Pacific Northwest Economic Region in Calgary this July will be a significant mobility milestone. 

*Creating a Better Alberta*

For geoscientists mobility within Canada is a critical need and APEGGA is working with the Canadian Council of Professional Geoscientists to find solutions.

### Advocacy

An APEGGA councillor defined advocacy as any activity of APEGGA that is not strictly regulatory in nature. This is essentially true, given that our communications, continuing professional development, awards programs and community involvement all increase awareness of the value of our professions.

Our Advocacy Task Force provided guidelines for public statements of engineers and geoscientists on matters central to our responsibility for protection of public safety and welfare. APEGGA tested the waters of advocacy

this year in writing to the Prime Minister on the Kyoto Protocol (not expressing a yes or no on the national debate) and challenging our members to get informed and involved. CCPE members, government, industry and APEGGA members acknowledged APEGGA's appropriate actions.

When I joined Council, my goal was to better understand and participate in those issues that speak to the national relevance of our professions. APEGGA has a rich history of the contribution of our past presidents and the executive director to CCPE and strengthening our national fabric.

This year has been very insightful and rewarding as the president representing your interests. Thank you for the privilege of working with a great team of Council, branch chairs, staff and volunteers. ▲



### APEGGA Council 2002-2003

Back row, from left: Public member Hugh Planche, Nick Trovato, P.Eng., Shawn Morrison, P.Eng., Nima Dorjee, P.Eng., CCPE Director Dr. Fred Otto, P.Eng., Dr. Rob Stewart, P.Geoph., and Jack Hole, P.Eng.

Middle: Dr. Ian McIlreath, P.Geol., Public member Judy Williams, Paula Harding, P.Eng., CCPG Director Bob Comer, P.Geoph., Public member Dr. Norman Wagner, Dr. John Moldon, P.Eng., and Ron Triffo, P.Eng.

Front: Second Vice-President Andy Gilliland, P.Eng., First Vice-President Mike Smyth, P.Eng., Executive Director and Registrar Neil Windsor, P.Eng., President Ron Tenove, P.Eng., Julie Aitken, P.Geoph., Past President Dale Miller, P.Eng., and Mike Koziol, P.Eng.

Missing from photo: Dr. Peter Putnam, P.Geol., CCPE Director Darrel Danyluk, P.Eng., and CCPG President-Elect Gordon Williams, P.Geol.



# EXECUTIVE DIRECTOR & REGISTRAR



*H. Neil Windsor, P.Eng.*

The year 2002 has been both challenging and rewarding. Council has been seized with several important issues that must be resolved before we can chart the course for future years. Most notably, it has become apparent that we will have to adapt to the many changes our professional world and society are going through if we are to remain relevant to society and to our members.

## **Licensure**

New areas of practice are becoming evident as new technologies develop at an amazing rate, and new concepts about professional licensure are being developed. As well, how we regulate ourselves is being revisited with new ideas being explored for solutions to the challenges presented. The national expectation of serious technology skills shortages over the next decade must be addressed, and the profession is working with the federal government to seek a new approach to integrating immigrants into the professions. We must keep an open mind when considering how these people and those with skills in related professions can be embraced by our professions with a view to maximizing these skills for the benefit of society.

Council has responded to these challenges with the appointment of a Licensure Task Force. Its mandate is to consider all possible opportunities to integrate related professionals and those who may not qualify for full professional license. This will allow us to become a more inclusive professional association while maintaining the high standards necessary for protection of public safety and well-being.

## **Mobility**

Mobility of professionals continues to be a priority item for many members and our efforts both nationally and internationally are meeting with some success. The inter-association mobility agreements signed with other Canadian jurisdictions in 1999 for engineers and 2001 for geoscientists have provided considerable improvements for members moving within Canada.

Even greater ease of mobility is being sought through the development of a multi-jurisdictional license that will, if we are successful, provide to those members who accept that option the ability to practice anywhere in Canada. International opportunities are still being pursued through CCPE and our efforts at seeking some form of bilateral or multilateral agreements with neighbouring U.S. states is slowly but surely making real progress. 🤝



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### **Growing Demands Met**

In order to meet the needs of society and our members we have made some significant changes to the Association itself. As membership grows and new programs and services are developed, so too our staff has grown modestly and some expansion of office facilities has been required. Most significantly, the Calgary office has been relocated and expanded to meet current demands with additional office space, boardroom space and a conference centre.

Our administration has been restructured to more efficiently and effectively meet the demands placed on it and additional senior personnel are being recruited to strengthen the management team. An Assistant Director of Professional Practice has already joined us and a new position of Director of Internal Affairs and a Manager of Communications are currently being recruited.

As part of this process and to meet the specific needs of our geoscientists, a new position of Manager of Geoscience Affairs has been created. A professional geoscientist is being recruited for the position, and will be located in the Calgary office at the centre of population of geoscientists.

The progress made with these and many more exciting challenges has been highly rewarding for Council and staff alike. Together we form a cohesive body with a singular purpose of fulfilling our mandate by “serving society and protecting the public,” and the success enjoyed in the past year is largely a result of that close working relationship.

### **Council's Example**

We are indeed fortunate to have a Council comprising highly competent and dedicated individuals, who are passionate about the obligation and commitment that serving on APEGGA Council demands. Their example is a source of inspiration to staff and the hundreds of volunteers that make it possible for APEGGA to achieve all that it does throughout the year.

### **Responsive Government**

We are also fortunate to have the support of a government that continues to provide us the privilege of self-governance and the opportunity to serve society in this manner. As the Minister of Human Resources and Employment, responsible for the EGGP Act, the Honourable Clint Dunford has been available and responsive whenever APEGGA has needed his guidance and support. The department's senior staff members have also provided direction and advice as required, and have been most cooperative in dealing with legislative and other matters. With their help we have been able to move some longstanding issues forward to their conclusion, for the benefit of society. ▲



# DEPUTY REGISTRAR

## **A.J. Schuld, P.Eng.**

The Deputy Registrar was also the Director of Administration until the restructuring of late 2002. For 2003 onward, his role has expanded to make him the senior director in charge of the regulatory side of APEGGA's work. Neither title accurately reflected the range of responsibilities he assumed that are not generally considered an integral part of those positions. In particular, he became the Acting Executive Director & Registrar during the absence of Neil Windsor, P.Eng., and generally provided overall management direction to APEGGA.

He also provided staff support for a number of regulatory functions:

*Appeal Board*  
*Act, Regulations and Bylaws Committee*  
*Ballot Counting Committee*  
*Professional Practice Examination Committee*  
*Staff Benefits Committee*

The Deputy Registrar also provides secretariat support services for:

*The Canadian Geoscience Standards Board*  
*The Canadian Council of Professional Geoscientists*

The Appeal Board serves as an internal appeal mechanism for many of the decisions of the boards and committees with regulatory functions. Those include the Investigative Committee, the Discipline Committee, the Practice Review Board and the Board of Examiners.

During 2002 the work of the Appeal Board consisted of dealing with appeals of Investigative Committee decisions to dismiss complaints about the conduct of members. Also handled was an appeal by a

professional member of the decision and orders of the Discipline Committee involving the member. And at year-end there were a number of outstanding appeals of Investigative Committee decisions to terminate complaint investigations.

A consolidation of a number of amendments to regulations and bylaws neared provincial approval as the year wound up. Prepared in past years by the Act, Regulations and Bylaws Committee, the changes to APEGGA's governing legislation were approved by Cabinet early in 2003.

These amendments underline APEGGA's role as a self-governing leader in Canada. They encompass:

- Consequences for non-reporting under the Continuing Professional Development Program.
- Additional requirements for maintenance of Permits to Practice.
- A revised Code of Ethics.
- Creation of the position of President-Elect, to entrench a full year of preparation for the job of President and ensure continuity.
- Provisions to allow APEGGA to issue a license to geoscience technologists as registered professional technologists, making the Association more inclusive without lowering its standards.

A revised Act, Regulations and Bylaws booklet that covers all the approved amendments was issued early in 2003.

The Ballot Counting Committee is annually constituted under the election procedure bylaws and functions as a scrutineer committee for the mail ballot election process used by the Association. Essentially all of the work of the committee is done in a single day of activity to see that appropriate and fair procedures are used to count the votes of APEGGA members in the annual election. ▲





**Director: Ray Chopiuk, P.Eng.**

**Assistant Director: Lianne Lefsrud, P.Eng.**

Questions of ethics and professionalism aren't always easy to answer. APEGGA's practice standards and guidelines, however, give members the guidance and support they need to do their jobs in a way that ensures the public is properly protected.

The Professional Practice Department coordinates and administers the establishment of standards of practice. We're also involved in reviewing and advising on standards, and there's a strong enforcement component to our work, too.

Some of our work is done through direct contact with members. Members need clarification on a particular practice standard, for example. Or they may have questions about an interpretation of the Code of Ethics.

The department also contacts members indirectly through the following committees and boards, encouraging members to practice in an ethical and professional manner.

*Discipline Committee*

*Practice Review Board*

*Practice Standards Committee*

*Environment Committee*

## Discipline

The Discipline Committee decides cases brought before it by the Investigative Committee, arising from complaints of unskilled practice and unprofessional conduct.

- In the past year, three cases were concluded: one by means of a discipline hearing; two by stipulated orders, which means the members admitted to unprofessional conduct.
- Two of the cases concerned engineering services for building projects. The other was related to pumping tests for a residential subdivision development.

## Practice Review

The Practice Review Board's primary area of concern is to see that our professions continue to be practiced in a competent and acceptable manner.

During the past year, the board was involved in:

- 22 proactive practice reviews of randomly selected permit holders and one by referral.
- Nine requests for reinstatement of professional registration and for resumption of practice.
- 12 Continuing Professional Development Program cases referred to the board.

As in previous years, the initial proactive practice reviews found that permit holding companies were generally practicing in accordance with accepted standards and further investigation was not warranted.

The board concluded an inquiry into oil and gas reserve evaluation and reporting, which it had begun the year before. In its report to Council, the board made recommendations in four major areas that would improve professional practice: accountability, standards, education and quality management. Among the recommendations were that a practice standard be developed and that permit holders' practices be reviewed in the future to make sure they conform to the standard.

## Practice Standards

Through the Practice Standards Committee, APEGGA establishes guidelines and standards of practice to enhance the quality and value of professional services. The following were issued in the past year:

- Practice Standard for Authenticating Professional Documents
- Practice Standard for Quality Inspection of Geophysical Data
- Responsibilities for Engineering Services for Building Projects

The following documents were substantially completed and are expected to be issued in the coming year:

- Practice Standard for the Evaluation of Oil and Gas Reserves
- Guideline for Professionals Relying on Work Prepared by Others

APEGGA also participates in the development and revision of numerous codes, standards and regulations that involve the practice of the professions but come from external regulatory authorities. This is achieved through ongoing committee representation on each of the Safety Codes Council's nine technical councils and by less formal input and feedback.

## Environment

The Environment Committee's role is to enhance APEGGA's awareness of environmental issues that impact the practice of the professions. It also provides input on related matters, such as the Practice Standards Committee does for all other areas of practice.

Most significantly during the past year, the committee completed an APEGGA position statement on professional involvement in drinking water quality. The statement recognizes that Alberta has standards and a framework in place to provide safe drinking water.

The position contains general recommendations to strengthen the delivery of safe drinking water. It also comments on the roles APEGGA members could play in a cooperative approach in dealing with the issue, involving government and all three professions. ▲



# SPECIAL PROJECTS



## **Director: Stewart McIntosh, P.Eng.**

To be effective in meeting our responsibilities, APEGGA responds to complaints against the membership with thorough, complete and timely investigations. That's the primary role of Special Projects.

The overall discipline process is mandatory under the EGGP Act. It's also a critically important factor in the maintenance of self-governance, and the maintenance of the high standard of professional practice expected of members.

- The number of investigations was consistent with previous years, with 26 new cases initiated in 2002.
- Considering that APEGGA's membership now totals more than 38,000, complaint numbers in the 30-40 range represent only 1/10th of one per cent of members.
- At least 50 per cent of complaints are mediated or dismissed after investigation.

This work requires a considerable time commitment from our dedicated volunteers.

The Investigative Committee has grown in recent years to two dozen or more members. The size is necessary because three-member panels work on each case, and we need to set timelines and distribute activity in an effort to complete investigations within a reasonable period.

### **Other Roles**

- The Special Projects Department also undertakes assignments and reviews determined by Council and administration. For these, we give an overview or assessment of what Association activities will mean in the public and professional arenas.

- The department provides resource support to assist task forces and ad-hoc committees charged with evaluation and reporting on specific issues. These issues are generally identified as influencing the Association's mission or the activities of the membership.
- The department administers activities of the Joint Board of Practice between engineers and architects. This board was established within the province's Government Organization Act to address matters of mutual interest and liaison to ensure smooth operation and compliance with the Alberta Building Code. The Joint Board is also charged with the assessment and approval process of applications for restricted architectural license for engineers, and likewise for restricted engineering licenses for architects.
- The Joint Board comprises eight members – four from each profession, including co-chairs. Of the engineering complement of the Joint Board, APEGGA requests representation from the Consulting Engineers of Alberta for two of the four engineering representatives.
- A major program underway through the Joint Board is the development of a guideline on design-build and related alternate forms of project delivery. A seminar and workshop will identify problem areas in the many forms of these new, focused delivery mechanisms, making architects and engineers fully aware of their obligations, responsibilities and potential liabilities. It will include input from consultants, contractors, the three levels of government, and the legal and insurance professions. ▲

## Director: Mark Tokarik, LL.B., P.Eng.

A clear indication of Alberta's economic success is the growth in the number of professionals practicing here. APEGGA's challenge is to ensure its high qualification standards are met when new professionals and professionals from other jurisdictions join our ranks.

The Registration Department is responsible for processing new applications, reactivating old applications, administering the dues abatement program, and maintaining, renewing and canceling existing memberships.

- In 2002 the department received 3,240 individual applications, an increase of 23 per cent.
- 733 APEGGA Student Advantage Program applications were also received.
- Overall membership increased 7.6 per cent to 38,223.

## Board of Examiners

The Board of Examiners' purpose is to ensure that individuals approved for registration meet the standards for admission defined in the EGGP Act and Regulations. An applicant's academics and experience are the board's primary focus, but character, English language competency, and knowledge of professional practice, law and ethics are other qualifications that must be met.

- During 2002 the board's executive committee approved 3,079 individual applications, an increase of 20 per cent.
- The full board met twice in 2002 to consider policy issues, examination results and three appeals of executive committee decisions.

## Inter-Association Mobility Agreements

- In June 1999 the 12 Canadian engineering associations signed a revised Inter-Association Mobility Agreement to improve the inter-provincial mobility of engineers.
- APEGGA received 483 transfer applications in 2002 under the IAMA, from engineers registered elsewhere in Canada, an increase of 36 per cent.
- In May 2001 the eight Canadian geoscience associations signed an Agreement on Mobility of Professional Geoscientists Within Canada to improve inter-provincial mobility of geoscientists.
- APEGGA received 11 transfer applications in

2002 under the mobility agreement, from geoscientists registered elsewhere in Canada.

## Registered Professional Technologists (Engineering)

- The EGGP Act and Regulations were amended in 1999 to allow for the registration of registered professional technologists in engineering, known by the designation R.P.T.(Eng.), to practice engineering within a defined scope of practice as specified by the APEGGA Board of Examiners.

- As of Dec. 31, 2002, APEGGA had registered 81 individuals as R.P.T.(Eng.), an increase of 47 per cent.

## Permits to Practice

- Corporations, partnerships and like entities that are engaged in any or all of the three professions are required to be registered with APEGGA, via permits to practice.

As of Dec. 31, 2002, the number of registered permits to practice increased 38 per cent to 2,845. ▲

Membership Detail		
	As of 12/31/02	Net Change 2002
<b>Life Members</b>		
P.Eng.	2,741	120
P.Geol.	442	10
P.Geoph.	92	4
Dual Registration	24	2
<b>TOTAL</b>	<b>3,299</b>	<b>136</b>
<b>Honorary Life Members</b>	<b>41</b>	<b>1</b>
<b>Honorary Members</b>	<b>19</b>	<b>0</b>
<b>Professional Members</b>		
P.Eng.	23,027	738
P.Geol.	2,365	25
P.Geoph.	825	7
Dual Registration	75	1
<b>TOTAL</b>	<b>26,292</b>	<b>771</b>
<b>Licenses (Foreign)</b>		
P.Eng.	227	15
P.Geol.	7	1
P.Geoph.	6	0
Dual Registration	1	1
<b>TOTAL</b>	<b>241</b>	<b>17</b>
<b>Members-In-Training</b>		
E.I.T.	4,326	340
Geol.I.T.	344	63
Geoph.I.T.	102	13
<b>TOTAL</b>	<b>4,772</b>	<b>416</b>
<b>ASAP*</b>	<b>2,922</b>	<b>222</b>
<b>Exam Candidates</b>	<b>496</b>	<b>126</b>
<b>Students</b>	<b>60</b>	<b>13</b>
<b>R.P.T.(Eng.)</b>	<b>81</b>	<b>26</b>
<b>TOTAL MEMBERSHIP</b>	<b>38,223</b>	<b>1,728</b>
*APEGGA Student Advantage Program		

Membership Summary		
	2001	2002
Life/Honorary Member	3,222	3,359
Professional Member	25,521	26,292
Licensee	224	241
Member-In-Training	4,356	4,772
ASAP*	2700	2922
Exam Candidate/Student	417	556
R.P.T.(Eng.)	55	81
<b>TOTAL</b>	<b>36,495</b>	<b>38,223</b>
*APEGGA Student Advantage Program		
Applications Received		
<i>For APEGGA</i>		
	2001	2002
Professional Member	1,246	1,669
Licensee	41	64
Member-In-Training	1,266	1,424
Student	11	21
R.P.T.(Eng.)	30	27
Other	11	12
<b>TOTAL for APEGGA</b>	<b>2,605</b>	<b>3,217</b>
ASAP*	2,107	733
<i>For APEYT &amp; NAPEGG</i>		
	26	23
<b>GRAND TOTAL</b>	<b>4,738</b>	<b>3,973</b>
*APEGGA Student Advantage Program		
Permits		
	2001	2002
Active Permits—Start of Year	2596	2740
New Issue	275	295
Voluntary Cancellations	132	163
Reinstatements	21	22
Cancellations by APEGGA	20	49
<b>Active Permits—End of Year</b>	<b>2,740</b>	<b>2,845</b>

Applications Approved By Board	Members		MIT's		Foreign Licensees		R.P.T.(Eng)		Exam Candidates		Students		TOTAL	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
From MIT	393	476											393	476
From Exam/Student	59	66	19	25									78	91
New	272	343	1163	1252	28	39	38	27	208	325	28	30	1737	2016
Transfers	359	493											359	493
Dual	7	3											7	3
<b>TOTAL</b>	<b>1090</b>	<b>1381</b>	<b>1182</b>	<b>1277</b>	<b>28</b>	<b>39</b>	<b>38</b>	<b>27</b>	<b>208</b>	<b>325</b>	<b>28</b>	<b>30</b>	<b>2574</b>	<b>3079</b>
<b>By Staff/Council</b>														
Reinstatements	250	273	65	59	1	2				11		0	316	345
Resignations/Cancellations	322	377	69	115	5	14							396	506
Struck/Expired	312	306	297	253	9	7							618	566
Deceased	77	83	0	3	0	0							77	86
Withdrawn									107	111	23	19	130	130
<b>TOTAL</b>	<b>961</b>	<b>1039</b>	<b>431</b>	<b>430</b>	<b>15</b>	<b>23</b>			<b>107</b>	<b>122</b>	<b>23</b>	<b>19</b>	<b>1537</b>	<b>1633</b>



# EXAMINATIONS



## **Manager: Dr. Milt Petruk, P.Eng.**

The Professional Practice Examination Committee's mandate is to ensure that a current, meaningful and relevant examination on professional practice is available, and is administered to new registrants in a manner satisfactory to the Board of Examiners. Since late 1998 the committee has also served as the ad hoc committee to provide a pilot National Professional Practice Examination — an important step towards cross-Canada standardization and further evidence of APEGGA's leadership role beyond Alberta's borders.

Continuing work of the committee has included reviews of quarterly test administrations, reviews of poorly performing items from those sessions, and the development of new test items. It's also included consideration of new or improved study materials.

Adequacy and appropriateness of current study materials continue to be a major concern of the committee. To be fair, Professional Practice Examinations must be based on the content that candidates have been asked to study. Yet often, the study material does not cover a topic in sufficient depth. In some cases, the study material is written from a perspective that does not apply to the kind of work that many of the candidates are doing. Another problem is that the perspective of the study material offers little to candidates practicing professional geology or professional geophysics.

To overcome the shortcomings of the current study materials, Professional Practice Examination Committee has begun a

detailed review of the National Professional Practice Examination syllabus. The goal is to more clearly define the content and ultimately develop study materials to supplement or replace existing study materials. As materials are developed, they will be made available to candidates in print or electronic form.

The development of supplementary and replacement study materials for the NPPE is an ambitious and time-consuming process. However, the benefits to candidates will be enormous.

## **Highlights and Statistics**

- During 2002, candidates from the Association of Professional Geoscientists of Ontario and the Association of Professional Engineers of Nova Scotia joined the National Professional Practice Examination initiative.
- This brings the total number of associations voluntarily participating in the NPPE to nine out of a possible 15. While individual associations realize different benefits from participating in the NPPE, the biggest benefit to the professions is knowing that all candidates in all of these nine associations are meeting the same standard of professional practice.
- 2,165 candidates from nine associations wrote the NPPE during 2002.
- 1,388 out of these candidates (64.1 per cent) were seeking registration in Alberta.
- 777 candidates (35.9 per cent) were seeking registration in one of eight other Canadian associations.
- 1,953 of the 2,165 candidates (90.2 per cent) were engineers.
- 212 (9.8 per cent) were geoscientists. ▲

**Director: Dave Todd, P.Eng.**

In order for APEGGA to fully protect the public, our regulatory role has to extend beyond our membership. For the most part only APEGGA members and permit holders are legally entitled to use our professional designations or its variations.

A company that uses “engineering” in its name must be licensed to perform engineering, for example. A person who uses the word “geologist” or the title “P.Geol.” on a business card must be licensed. An advertisement in the SuperPages directory under the “Geophysicist” heading must be for an appropriately licensed person or company.

Members of the public expect professional, ethical work when they see those words. APEGGA’s Compliance Department is on the lookout for violators, so a high level of public trust is maintained.

The year 2002 was particularly active for the department and the Enforcement Review Committee. A record 879 cases were investigated, resulting in the successful closure and resolution of 727, as we continued to aggressively work towards achieving Council’s goal of 100 per cent compliance with the requirements of the EGPA Act.

Our efforts focused on investigating member and public complaints, as well as proactively identifying actual and suspected violations by examining a number of data and information sources. Those included the Alberta Gazette, newspapers, career pages, media articles, yellow pages, business directories and out-of-province member lists. Additional programs — started in 2001 and escalated in 2002 — involved improving the registration in the advanced technology and geoscience communities, and improving reinstatement of outstanding permits to practice.

The ultimate long-term objective is that all individuals engaged in one or more of the practices of engineering, geology or geophysics in Alberta are licensed and use proper titles, and that all businesses using

the protected titles or practicing the professions are fully qualified and hold a permit to practice.

A positive fallout from increased Compliance activities is the mounting evidence that members are on side. Awareness of title and practice violations appears to be increasing, and so does reporting by members. The Compliance Department values the integrity of our membership and gives first priority to complaints from members and the public.

## Highlights

- 178 personal registration applications received, primarily as the result of a campaign of contacting individuals moving to Alberta from other provinces to advise them of registration requirements.
- 98 permits to practice issued or reinstated for companies engaged in the practice of one or more of the three APEGGA professions. The addition of a third part-time compliance consultant in March 2002 expanded the department’s capabilities of contacting and investigating the activities of companies to determine whether or not a new permit or reinstatement is required.
- Compliance consultant investigations also allowed the department to verify the activities of 49 companies as not practicing.
- 30 individuals and 12 companies stopped misusing protected titles. Typical examples would be use of the words engineering, geology and/or geophysics when the activity is not the practice of these specific professions. The violators complied by either deletion or substitution of the illegally used words with ones more appropriate.
- The remaining case resolutions were for various reasons, among them the verification that individuals or permit holders were registered, that individuals were no longer working or living in Alberta, and that trade names were being used by APEGGA members. ▲



# PROFESSIONAL DEVELOPMENT

## **Director: Len Shrimpton, P.Eng.**

In today's rapidly advancing and evolving world, it isn't enough to receive your degree, do your initial training and work your career. APEGGA recognizes that an ongoing program of professional development is necessary for members to stay current and live up to their professional obligations and responsibilities.

The Professional Development Department encourages and facilitates professional development for APEGGA members. Encouragement takes the form of the mandatory Continuing Professional Development Program for professional members. Facilitation takes the form of programs, projects and events for university students, members-in-training and professional members.

Because technical societies also deliver professional development, they fall under the department's umbrella. Branches did as well, but under restructuring responsibility for them moves to Corporate & Member Affairs, along with professional member induction ceremonies, and permit to practice seminars. Reinstatements and resumptions move to Professional Practice.

Initially created in 1997 to manage the CPD Program and a few member service initiatives, the department now devotes half its resources to providing better access to PD opportunities of all types. The year 2002 saw advances made on several initiatives, and some projects and assessments were completed.

### **Highlights**

- A Professionalism & Ethics Learning Module for fourth-year students was completed and initial presentations made to the University of Alberta and the University of Calgary with positive

feedback. Final packaging, and promotion to the constituent associations and deans of engineering, are all that remain.

- Agreement was reached with geoscience students to lengthen the presentations on the practice of the professions to give them more exposure to APEGGA's role, professionalism, ethics and registration requirements.
- APEGGA decided not to continue promoting and supporting a mentoring model developed in 2001. Under that program, APEGGA partnered with specific companies to facilitate mentoring. Instead, the mentoring guideline will be revised to more of a workbook format, there will be a new section on the APEGGA Web site and mentoring seminars will be offered.
- MIT seminars were increased from eight to 17 topics. Attendance jumped to more than 500.
- We completed a draft of a revised CPD Guideline.
- APEGGA, the U of A, the National Research Council and Terra Prime Development continued to lay the financial groundwork for PEGGasus, the Engineering and Geoscience Online Learning Marketplace. Operation is now scheduled to begin in the fall of 2003.
- The new – and now mandatory – Permit to Practice Seminar for responsible members was designed and piloted successfully.
- APEGGA continued to support the Edmonton Association of Technical Societies. The *Future of the Oil Sands* dinner in November drew 450 people, the largest crowd ever for the annual event.
- We investigated separating geoscience and engineering students during Ring Workshops, as a way to make a more focused presentation on geoscience. Feedback indicated, however, that a change in format was not needed. ▲





## **Manager: Ginny Nicholson**

To meet the needs and expectations of the public and our members, APEGGA relies on a proactive and forward-looking Administration Department. The past year was particularly challenging on a number of fronts.

We made recommendations to keep the 2003 budget increase to a minimum, in spite of the requirements of a growing membership and the need to transfer money into the staff pension plan. We moved, improved and expanded the Calgary office. We improved the annual salary survey, and we began a major information technology upgrade.

The department's five main functions in 2002 were:

*Finance & Accounting*  
*Human Resources*  
*Information Technology*  
*General Services*  
*Member Services*

- Under the organizational restructuring plan announced late last year, one of those functions, member services, moves to the new Corporate & Member Affairs Department for future reporting years.

### **Highlights — Finance and Accounting**

- Seamless financial accounting and audit.
- Seamless payroll and benefits delivery.
- Continued budget support, incorporating changes made in 2001 for 2002 budget presentation plus development of improved forecasting module.
- Kept finance and accounting staff complement the same as in 2001, although transaction numbers increased five to 10 per cent.
- Because of the investment environment and outlook, Administration organized an unscheduled pension plan actuarial valuation. Administered a required APEGGA payment to the plan and an increase in employee contributions for 2003 to 2004.

### **Highlights — Human Resources**

- Assisted departments in recruiting and hiring 12 support staff, using mostly internal transfers that bring much value to the hiring department and increase cross-training. All hired personnel remain with APEGGA and are performing well.
- Reviewed employee benefits market and replaced existing carrier (10-years plus).

This saved the organization about eight per cent in 2002 and 2003, while maintaining the high quality of the benefits program.

### **Highlights — Information Technology**

- Based on our IT strategic plan, began a “foundation” project, designed to:
  - \* ensure customer service focus and effectiveness of IT personnel.
  - \* ensure the secure, effective and efficient operation of IT infrastructure.
  - \* augment IT with high quality people resources, as budgeted, ensuring adequate depth and back-up given the significant catch-up required.
- Reviewed various network, hardware and software products and services for purchase. Installed selections and implemented them with processes, with minimal downtime to users. Increased system security, functioning and reliability.
- Began work on a Member Information System project, checking the market for products and services, and exploring synergies with sister associations.

### **Highlights — General Services**

- New Calgary Scotia Centre office and conference centre premises up and running Dec. 13, 2002, two months prior to expiry of lease in Life Plaza.
- Edmonton renovations for the general services and reception areas completed within budget.

### **Highlights — Member Services**

- *Salary Survey* — in response to requests from salary users, added a new employee classification – Co-op/Intern Students. Ensured that annual survey document was enhanced to cover subjects included in commonly asked questions from prior years. Tracked this year's additional commonly asked questions and prepared plan for incorporating into next year's survey. Although this year's survey document was published later than usual, APEGGA has another fully trained resource person able to respond to Salary Survey queries and issues.
- *Member services portfolio* — successfully introduced a CCPE-sponsored group health benefits plan and a long-term disability plan for members, through Maritime Life.
- *National Secondary Professional Liability program* — introduced this CCPE-sponsored and compulsory plan for insurance coverage for engineers, geologists and geophysicists outside of their employment or practice. ▲



# MEMBER AND CORPORATE AFFAIRS

## **Director: Ross Plecash, P.Eng.**

APEGGA's work is important to members, permit holding businesses and the entire corporate world. Much of our work has an impact on how members and companies perform their duties, so it's important that they understand our various services and roles, as well as their own obligations and responsibilities.

A new APEGGA structure announced late last year created a new team for direct and continual communication with these groups. Called Member & Corporate Affairs, this department brings together some of the key contact programs.

The department combines some APEGGA functions previously administered by the old Communications and Public Affairs Department. As well, the restructuring shifts some of the functions of the Professional Development and Registration departments to Member & Corporate Affairs.

### **Regulatory**

Regulatory responsibilities at Member & Corporate Affairs include the Permit to Practice Program and the new Responsible Member Seminar Program. In order to fulfill our mandate of protecting the public interest, all entities practicing engineering, geology or geophysics in Alberta require licensure.

In the case of organizations, this license is a permit to practice. It helps APEGGA influence the quality of the practice of the professions in these organizations.

Each permit holding company has to have at least one responsible member – an APEGGA licensed professional. To ensure that responsible members are fully aware of their duties and responsibilities, a new, mandatory Responsible Member Seminar Program has been established.

### **Non-Regulatory**

Our non-regulatory responsibilities come in the form of:

- Personal communication with our members, through a Member Liaison Seminar Program, corporate visits and corporate receptions.

- Recognition of success in our professions, through the Honours and Awards Committee, Life Member dinners and New Member Induction Ceremonies.
- Administration of a variety of member services programs, including the APEGGA Salary Survey, the APEGGA Resume Referral Program, and various APEGGA/CCPE sponsored group insurance, RRSP and affinity buying programs.

### **The Numbers**

- Edmonton welcomed 44 new members at two New Member Induction Ceremonies held in 2002.
- Calgary welcomed 102 new professionals at the two New Member Induction Ceremonies there.
- A corporate reception in Edmonton attracted 28 attendees to discuss issues ranging from membership to mobility (the ability to work in other jurisdictions).
- The Edmonton Life Member Dinner honoured 27 retiring members and their guests at the Edmonton Golf and Country Club.
- The Calgary Life Member Dinner honoured 90 retiring members and their guests at the Palliser Hotel.
- More than 50 corporate visits were made with senior executives of permit holding companies to discuss challenges facing the Association and our professions.
- More than 30 Member Liaison Program presentations were made to more than 650 professionals, members-in-training, registered professional technologists, and others interested in the Association and its activities.
- Two pilot Responsible Member Seminars were held, one in Edmonton and one in Calgary, to kick off the new mandatory program.

The Honours and Awards Committee took a proactive approach to soliciting Summit Award® nominations and was rewarded with a total of 41 nominations – the largest number in recent memory. ▲



# COMMUNICATIONS AND PUBLIC AFFAIRS

Levels of government, engineering and geoscience members, other associations, students, the general public, our managers and staff – they all need to know about the challenges APEGGA faces and the successes we achieve on their behalf. Because this is such a broad and critical role, we took a careful look in 2002 at how effective we are at reaching our audiences, and at what improvements we can make.

After an ambitious opinion survey of members and other stakeholders, as well as an internal communications audit, Council approved the new Three-Year Strategic Communications Plan as a strategy guideline. The plan suggests a rebranding of APEGGA to make our image and role consistent and easily understood. From that rebranding, the communications plan suggests a series of further improvements over time.

Restructuring had a major effect on Communications and Public Affairs. The roles, in fact, are seen as too intrinsic to APEGGA to stand alone as a separate department. Instead, from 2003 onward many of these functions are blended into other departments. Other roles, because of their external focus, become a department of their own under Executive Director & Registrar Neil Windsor, P.Eng., and a new Manager of Communications.

## The PEGG and the APEGGA Web Site

*The PEGG* and our Web site are the two prime ways we communicate with members. *The PEGG* is a 10-issues-per-year newspaper reaching more than 40,000 addresses each publication month. The Web site contains background information on all of APEGGA's roles and contains interactive areas for members. The site, at [www.apegga.org](http://www.apegga.org), has the added benefit of reaching any person, worldwide, who chooses to visit it.

The communications audit recommended a less wordy, more attractive *PEGG*, with a greater emphasis on need-to-know information. With that in mind, we have:

- Upped the percentage of Association-related stories.
- Begun using colour more sparingly and strategically.
- Redesigned a number of regular features to make them more readable and usable.
- Created a better visual separation of stories and advertising.
- Increased the use of bullets and call-out boxes for “at-a-glance” readers.

The APEGGA Web site has been online for four years, serving as another means of reaching internal and external groups, from members to the general public, from prospective members to branches, from schools to universities. The site gives users a chance to learn more about APEGGA, our members, and the resources and opportunities we offer.

The Web site is:

- Continually developed, maintained and updated
- Experiencing a dramatic increase in use – to about 600,000 hits a week, or nearly double the 2001 figure.
- A source of regularly updated information on careers, membership and permit directories, calendar items, and the annual APEGGA Salary Survey.
- A source of guideline, policy and regulatory information.
- An interactive site for members to register for APEGGA events, update personal information, pay dues, submit Continuing Professional Development Program information, etc.

Two new Web site features are:

- An improved online version of *The PEGG*, now containing all stories that appear in print.
- A site specifically for mentors and mentees.

## Public Relations

Public relations staff in Calgary and Edmonton will report to the new Manager of Communications, under restructuring. A wide variety of functions and duties fell under this subcategory in 2002, directed at the general public, members and others:

- Trade shows attendance.
- Advertising of APEGGA and its roles. Public relations coordinators worked closely with the Edmonton Journal and the Calgary Herald to announce Summit Award® winners and Council election results. APEGGA advertised in a number of special reports in the two newspapers. Our ads also appeared in publications of member interest and in various directories.
- Meeting planning.
- Summit Awards® planning. A 2002 addition to the Summit Awards®, which will carry on in 2003, was a showcase of artwork, with about 50 pieces created by members or their families.
- Media responses, relations and releases. We organized media interviews during the President's Visits and other events. Public relations staff members are often the point of first contact for media inquiries.
- National Engineering and Geosciences Week. Held from March 2 to 10, the week featured activities in Calgary, Edmonton and in several branch communities, designed to celebrate math, science, technology and our professions. Special sections on the week appeared in the Edmonton Journal and the Calgary Herald. About 250 students took part in the Provincial Challenge during the week, representing 25 schools and 84 teams as each of four age groups tackled a specific applied science challenge. Also held were an essay contest, a poster contest and more.
- SciQ Web site. APEGGA is a founding partner for this project, which will provide science information to students, teachers and parents in Alberta. Groundwork began in 2002 and organizers anticipate a launch in mid-2003. ▲



# OUTREACH

## **Manager: Jeanne Keaschuk, Senior Outreach Coordinator**

A heartfelt cheer and salute go out to our dedicated and talented team of 500-plus Outreach volunteers. They accomplished amazing things in 2002 for the professions, for APEGGA, for Alberta's school children and for the public.

Outreach raises awareness and appreciation of the professions; promotes engineering, geology and geophysics as challenging and rewarding careers; and promotes interest in science, math and technology in Alberta schools.

Armed with demonstrations and hands-on activities, Outreach volunteers visited Alberta science classrooms to show and tell students how science is applied in the real world. They discussed their careers with students at booths, in classrooms and at student assemblies. They held science nights and Science Olympics. They judged science fairs, conducted job shadows, gave career interviews.

There's more. Our volunteers presented awards. They met the public at hands-on displays in shopping malls and libraries. They talked to teachers at conventions and professional development days. They helped promote our Teacher Awards program and select its recipients. They participated in the celebration of National Engineering & Geoscience Week, and Alberta Science & Technology Week. They supported other science groups at their events. They even made time to attend volunteer training workshops to learn, exchange ideas and have more fun.

Volunteers did their job and they did it well. Their precious time and support are valued and appreciated. The verbal thanks, the letters, cards, posters and even audio tapes from students, teachers, parents and grandparents number in the thousands.

## **Students Say. . .**

*"I really liked your rocks and minerals and your cool stories."*

*"Thank you for teaching me more stuff about air. The best thing was making the airplanes. Now I know what an aerospace engineer is."*

## **Teachers Say. . .**

*"Please pass on my compliments and thanks to your volunteer. The value of his science and engineering lesson can't be stressed enough. It's really a great program. Thank you!"*

*"It couldn't have been better! We all learned a lot about engineers."*

## **Volunteers Say. . .**

Volunteers enjoyed their Outreach activities and the experiences they had with audiences of all ages. A new volunteer commented:

*"I didn't expect to have so much fun. This is a great way to expose young people to engineering and geoscience. Just think about the incredible impact we would have if more members participated."*

## **The Sum of It All**

- 500-plus provincewide Outreach volunteers.
- More than 500 events.
- More than 40,000 students, teachers, and general public contacted.
- Heightened awareness of the contributions of the professions to society.
- Increased student interest in engineering, geology and geophysics careers, and generally in engineering, science, math and technology.
- Practicing members and university students work together, build friendships and have fun promoting their profession and professional association.
- Volunteers hone communication skills and earn professional development credits. ▲



# THE APEGGA CENTENNIAL LEADERSHIP AWARD



*Dr. Sumedha Chandana Wirasinghe, P.Eng.*

Dr. Chan Wirasinghe, P.Eng., is a proven leader in engineering education, research, and public and professional service, but he also walks the halls of academia with a strong vision that Alberta will become Canada's science and technology powerhouse. Dr. Wirasinghe believes that engineering education, research programs, and interaction with industry and the community will play a major part in turning that vision into reality.

Upon becoming Dean of Engineering at the University of Calgary in 1994, Dr. Wirasinghe said, "We will exceed Alberta's expectations and needs for engineering education, research and service." In his nine years in the role, he has clearly surpassed his goal and propelled his faculty to new heights.

Keys to this success are his leadership, his global viewpoint, his vision and his tenacity. Dr. Chan pursues excellence relentlessly and makes an outstanding effort to interact with the science and technology community. He also continuously encourages students and faculty members.

And his methods are working. Under Dr. Wirasinghe's leadership, the Faculty of Engineering has seen:

- New undergraduate degrees added in software, computer, manufacturing, and oil and gas engineering, bringing the total to nine programs.
- The geomatics engineering undergraduate and graduate programs mature into outstanding, internationally recognized programs, spawning a "geomatics valley" in Calgary.
- Manufacturing grew to the largest program of its kind in Canada. The Society of Manufacturing Engineers shortlisted the program recently for its International Leadership Award.
- The success of the oil and gas engineering program, developed in collaboration with Alberta's oil and gas industry to address the strong demand for industry-relevant graduates.
- The software engineering program became the only program of its kind in Western Canada and the entire Pacific Northwest that's accredited by the Canadian Engineering Accreditation Board.
- Development of specialization options in mechatronics, petroleum, environmental, and transportation engineering, as well as entrepreneurship.
- Expansion of the graduate program led to multidisciplinary degrees in environmental and biomedical engineering.
- Engineering research programs significantly enhanced, with several areas of research achieving international excellence. The faculty is committed to a team-based, multidisciplinary approach, which is considered the future direction of research.
- The creation of the Calgary Centre for Innovative Technology, a result of Dr. Wirasinghe's determination to build collaborative teams focussed on success, and break down traditional departmental barriers. This national engineering research facility will establish a new era for multidisciplinary engineering research and education in Alberta. The CCIT was essential in securing \$8.5 million in research funding from the Canada Foundation for Innovation in 2002 – a record for engineering in Alberta in a single CFI competition.

Dr. Wirasinghe exemplifies service to the engineering profession and to the public, not only in Alberta but also nationally and internationally:

- Since 1990 he's been co-editor-in-chief of the Journal of Advanced Transportation.
- Chaired the National Council of Deans of Engineering and Applied Science in 1999/2000. During his tenure, the Canadian Conference for Engineering Education was restored.
- Former board member of the APEGGA Education Foundation and of the Centre for Transportation Engineering and Planning, and is currently on the boards of University Technologies International and the Advanced Transit Association.
- For more than eight years was a board member of the ASTech Foundation. Recently elected chair of the Canadian Design Engineering Network, involving 33 engineering schools in Canada.
- Recipient in 2002 of a Fellowship of the Canadian Academy of Engineering; recipient in 2001 of a Fellowship of the Canadian Society of Civil Engineering; co-recipient in 2000 of the Alberta Premier's Silver Award of Excellence. ▲

**Awarded to a member of APEGGA who has attained the highest distinction relating to the science of engineering, geology or geophysics as an executive or director of an outstanding project or continuing enterprise in which the member has conducted, guided or directed or was responsible for the practice of the specific profession. The nominee may have also attained the highest distinction because of invention, research or original work, or an outstanding or exemplary career in teaching the professions.**

# THE APEGGA FRANK SPRAGINS TECHNICAL AWARD

Awarded to members of APEGGA who are recognized by their peers for their integrity and expertise and for their outstanding accomplishments in fields related to engineering, geology or geophysics.



*Dr. Sieghard E. Wanke, P.Eng.*

As an engineering researcher at the University of Alberta, Dr. Sieghard Wanke, P.Eng., has made major contributions in a number of areas in catalysis and chemical reaction engineering. As an engineering educator, he has provided a role model for other faculty and inspired countless students to succeed in their engineering studies and career. In his capacity as chair of the Department of Chemical and Materials Engineering, he has been a strong leader and administrator. In all his activities, Dr. Wanke has proven himself to be a consummate professional – truly a professional's professional.

Dr. Wanke established a strong research program in catalysis, which involves the acceleration of rates of process and reaction brought about by catalysts. The university's office of the vice-president of research, in fact, recently identified catalysis and reaction engineering as an established area of excellence within the university.

Dr. Wanke's international recognition as an expert in heterogeneous catalysis is attested by the numerous missions he undertook on behalf of the United Nations to Argentina, China, Brazil, Czechoslovakia and other countries. He has published extensively in leading journals and holds patents based on his research on supported metal catalysts with improved stability.

Undergraduate students honoured him twice with the Award of Excellence in Undergraduate Teaching. Berlin's Fritz-Haber-Institut der Max-Planck-Gesellschaft awarded Dr. Wanke a fellowship during 1981-82.

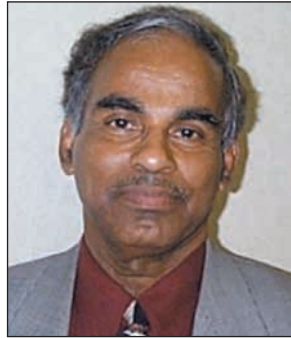
Having established his research and teaching credentials in a little over a decade, Dr. Wanke turned to administration by assuming the chair in 1985. Under his leadership, the already well-known Department of Chemical and Materials Engineering has become internationally recognized. It's now considered one of the top five in North America of more than 200 university departments with similar programs. Dr. Wanke has achieved this by leading by personal example, inspiring others to strive for and reach new levels, and coaching and mentoring the faculty, staff and students.

Dr. Wanke received his bachelor of science and master of science degrees in chemical engineering from the University of Alberta in 1964 and 1966. He then moved to the University of California in Davis, Calif., to complete his PhD, also in chemical engineering, in 1969. His professional career began with a brief tenure in industry as a research engineer at Celanese Research Company in New Jersey, during 1969-70. He then returned to his alma mater in 1970 to embark on a distinguished career in education. ▲

## ► THIS AWARD IS NAMED FOR...

Frank Spragins, a past president of APEGGA (1975-76). He was a driving force behind the Syncrude heavy oil sands project, which is recognized as the largest industrial project ever undertaken in Canada. His personal qualities of vigour, imagination, courage and endurance, as well as his negotiating skills, were critical to its success.

# THE APEGGA COMMUNITY SERVICE AWARD



*Raju Paul, P.Eng.*

Raju V. Paul, P.Eng., accents his professional status and Rotary Club membership with a vigorous record of community service, both at home and abroad. Mr. Paul, an inspections manager with the City of Calgary, joined Rotary in 1989. He's been active at the club, district and national levels, and in the last decade has been involved in numerous humanitarian projects and Rotary missions in developing countries, among them India, Peru, Guatemala, El Salvador, Nicaragua and Guyana.

One of those missions, to India in 1998, resulted in a study exchange of neo-natal nurses between India and Alberta, the first of its kind. The group has developed a neonatal care manual used in major medical centres in India and Southeast Asia.

In May 2001, Rotary took special note of Mr. Paul's achievements by presenting him the international club's highest honour available to Rotarians, the Service Above Self Award. He's a Paul Harris Fellow with Rotary, and a charter member of the Bequest Society of Rotary's Permanent Fund, as well as one of its major donors.

A charter member of the Calgary Heritage Park Rotary Club, Mr. Paul held a number of positions on the club's board before becoming president in 2001-2002. The club excelled during his presidential tenure, particularly in developing a partnership with the communities surrounding Heritage Park. The club and Mr. Paul were among just three of 46 clubs in his Rotary district to receive a President's Citation from Rotary International, that year.

Nationally, Mr. Paul is a past director of the Rotary committee responsible for allocating Canadian International Development Agency funds to Rotary projects. He was instrumental in developing a training program for Rotarians and Canada overseas to plan, implement and monitor sustainable development in developing countries, using result-based management. To help Rotarians from other countries manage their humanitarian projects, he's conducted workshops in India and Peru.

Recently, Rotary International appointed Mr. Paul the Zone 22 chair of a matched zone planning committee, gearing up for Rotary's 100th anniversary in 2005. Mr. Paul will coordinate the promotion of a number of friendship, vocational and cultural exchanges between Rotarians in India and Canada, as well as promote Rotarian-funded humanitarian projects in both countries.

Mr. Paul is a director of the Calgary Counselling Centre and a volunteer in Calgary with Operation Eyesight International.

All this selflessness began for Mr. Paul back in 1988, when he volunteered to help the city host the Calgary Winter Olympics. About the same time, he started volunteering for the Southern Alberta chapter of the American Society of Heating, Refrigeration and Air Conditioning Engineers, and was president of the chapter in 1994-95. From 1995 to 1998, he served as vice-chair of the technical society's Region XI, covering an area from Alaska to Portland, and Victoria to Manitoba.

Mr. Paul graduated in 1964 with a bachelor of science degree in engineering from the University of Kerala, India. He also has a master's degree in air conditioning and refrigeration from the Indian Institute of Technology in Bombay, and in 1973 graduated from the University of Calgary with master of science in engineering degree.

He began working for the City of Calgary in 1976, and since 1977 has been section head, heating, ventilating and air conditioning inspections, for development and building approvals. The group has 20 professional and technical staff enforcing the Alberta Building Code and related standards. ▲

This award is presented to members of APEGGA in recognition of an outstanding contribution they have made to society.



# THE APEGGA PROJECT ACHIEVEMENT AWARD

Awarded to a project demonstrating engineering, geological or geophysical skills and representing a substantial contribution to technical progress and the betterment of society. The Association will give credit to those firms and/or persons assuming key roles in bringing the project to completion.



*Mariah Energy's Suntec Greenhouse Project*

Mariah Energy is a distributed micro-utility, providing on-site clean energy solutions for its clients. The company's objective is to offer greener transitional energy solutions as society moves away from fossil fuel-based energy generation.

With this goal in mind, Mariah Energy developed its Heat PlusPower system. Heat PlusPower generates and delivers high-efficiency, reliable, clean heat and power on-site. Mariah's 60/30 CHP (for clean heat and power) system consists of a Capstone microturbine, which produces 30 kW of electricity, and a heat recovery unit, which captures exhaust heat and provides 60 kW for potable hot water, comfort heating, or other hot water for commercial or industrial applications.

Mariah has developed and integrated heat exchange technology into one cabinet, the Heat PlusPower system, a boiler that generates electricity. These systems can be put to use in any facility with a constant year-round thermal load. The system is ideal for multi-residential complexes (40 units minimum), recreation centres, hotels, greenhouses, institutions, even in landfill digester gas applications.

Suntec Greenhouses of Medicine Hat opened in 1977 and has since grown to a 200,000-sq.-ft. floor plan. The greenhouses produce everything from perennials, annuals and vegetables to trees and poinsettias.

Suntec Greenhouses is Mariah's first greenhouse installation, and commissioning began in 2003. Four 60/30 CHP systems will provide 240 kW of heat and 120 kW of electric power for the greenhouse. The electricity and heat supplied to the greenhouse annually will be up to 226 megawatt hours and 2.5 gigawatt hours, respectively.

The CHP systems have a modular design and can be readily refurbished for prolonged life extension (20-plus years), reducing the amount of raw materials used on heat and power production. Through continuous on-line monitoring and automated dispatch of service personnel, unnecessary "scheduled" service calls are avoided while ensuring maximum equipment availability and optimal performance.

Based on the 78 per cent efficiency of each unit, and the use of natural gas fuel, the installation will reduce CO<sub>2</sub> emissions by up to 976 tons per year when compared to coal-based power generation.

Mariah Energy's Clean Heat PlusPower system demonstrates that Alberta-based companies can design energy efficient technologies specific to an industry such as greenhouse growers in Canada. Adaptation of co-generation technology within the food production sector enhances producers' economic performance as well as their competitive position within the agri-food marketplace. ▲

# THE APEGGA EXCELLENCE IN EDUCATION AWARD



*Dr. James Haslett, P.Eng.*

Through 32 years of teaching, Dr. James Haslett, P.Eng., has contributed greatly to undergraduate and graduate education and received significant recognition.

A University of Calgary academic staff member in the Department of Electrical and Computer Engineering since 1970, and department head from 1986 to 1997, Dr. Haslett has won 13 teaching awards and his graduate students have won national awards. He has developed significant teaching materials for the Web for three of his courses and has been instrumental in establishing new undergraduate and graduate teaching and research programs and facilities at the University of Calgary.

At the undergraduate level, Dr. Haslett was awarded:

- President's Circle Award for Achievement in Teaching Excellence in 2002. This prestigious award can only be won once in a professor's career.
- Student's Union Teaching Excellence Award for the Faculty of Engineering three times.
- Engineering Students' Society Teaching Excellence Award for third- and fourth-year electrical and computer engineering eight times.
- Faculty of Engineering Teaching Excellence Award for electrical and computer engineering, in 2001.

Additional highlights of his career include establishing his faculty's Centre for the Advancement of Multimedia. This centre assists professors with the development of multimedia, Web-based course material. Dr. Haslett subsequently supervised the operation of the centre.

Dr. Haslett was also instrumental in the establishment of the master of science in software engineering program, now in place in both the Department of Electrical and Computer Engineering and the Department of Computer Science.

Since 1985, Dr. Haslett has also been the director of the University of Calgary Very Large Scale Integration Group, dedicated to graduate teaching and research in the VLSI integrated circuit design. Several millions of dollars in hardware and software have been awarded to the group over the past few years, resulting in a teaching and research facility directly relevant to industry. ▲

**This award is presented to members of APEGGA who have made exemplary contributions to teaching and learning at a recognized post-secondary teaching establishment in Alberta.**

# THE APEGGA EARLY ACCOMPLISHMENT AWARD

**This award recognizes exceptional achievement in the early years of an engineer, geologist or geophysicist's professional career. The member will have shown outstanding work-related achievement and continued leadership in the profession and community.**



*Kim Farwell, P.Eng., MBA*

Tenacity, technical skill, an ability to work with people and leadership skills have earned Kim Farwell, P.Eng., this award.

Ms. Farwell began her full-time career just over seven years ago with Syncrude Canada Ltd. During this period she has been presented with many challenges and she has proven herself able to achieve and succeed. Her actions have directly impacted Syncrude's profitability; she is responsible for many increases in plant production. This includes solving not only short-term production upsets, but also increasing the overall processing capability of the plant.

Ms. Farwell also contributes to key corporate decision-making. She is well respected throughout the company and provides a level of support that belies her years of experience. The breadth of talent she demonstrates is rare at any experience level.

She has distinguished herself as an engineer at Syncrude in many ways. From the failure analysis of a tailings pump box, to the optimization of caustic use, to coordinating plant-wide energy efficiency initiatives, Kim's ability to gather, analyze, and communicate information has proven invaluable to her employer. Kim has also demonstrated an aptitude both for research and leadership.

Ms. Farwell joined the Fort McMurray APEGGA Branch executive in 1997 as a member-at-large. In 2000 she volunteered for and was elected secretary of the branch. She continued in the role in 2001 until the vice-chair resigned due to relocation, and she was voted vice-chair in a branch byelection. In 2002 she was elected to the chair.

Kim has led and supported many APEGGA branch events including organizing the President's Visit in 2000, and being master of ceremonies for the AGM 2001, and the President's Visit and AGM in 2002. Kim is a regular judge for the Science Olympics during engineering week in March. She has spearheaded an effort to increase the number of registered APEGGA members in the Wood Buffalo Region, through the placement of a booth at the annual Oilsands Tradeshow.

Kim was asked by the APEGGA Nominating Committee to run for APEGGA Council in 2003, and she agreed to let her name stand.

An active member of the community, supporting and participating in many of the activities in the region, Ms. Farwell often volunteers to assist with major community events, such as the Royal Bank Cup in 2000, and a recent Great Big Sea concert.

Kim is a regular volunteer for the Fort McMurray running club, acting as a marshal for the annual marathon. She also marshaled the swim portion of the Canadian Triathlon Championship in Fort McMurray in 1995. Even when Kim is not volunteering for a community event, she is usually there as a participant. ▲

# THE APEGGA ENVIRONMENTAL EXCELLENCE AWARD



*Dr. Daniel W. Smith, P.Eng.*

For more than three decades, Dr. Daniel W. Smith, P.Eng., has made water and cold regions — two topics of vital importance to Canada — a focus of his environmental engineering research. His pioneering and multi-faceted research, and his cold region engineering applications continue to be translated into practical solutions.

Public consciousness, influenced by events such as those in Walkerton, Ont., is keenly attuned to questions of water quality as well as to northern climatic change, including the receding permafrost. Improving water and wastewater treatment — through cheaper systems, better contaminant reduction and easier operation — have been keystones of Dr. Smith's research.

Dr. Smith has been ahead of his time. Research that he began more than 30 years ago now is contributing significantly toward environmental preservation and sustainable development.

Dr. Smith began his career in environmental engineering in the mid-1960s, just as a new era of enhanced environmental awareness was dawning. His research career has spanned a period in which environmental engineering has moved from relative obscurity into the mainstream. Research by Dr. Smith and graduate students under his supervision (100 in total - 23 PhD, 45 M.Sc. and 32 M.Eng.) helped bring about that transformation while contributing significantly to theoretical understanding and practical solutions of issues related to water quality and cold regions.

Dr. Smith's many accomplishments as a mature and leading researcher in the relatively young discipline of environmental engineering have brought him national and international recognition, and have focused attention on the University of Alberta, his research base since 1978, and on Alberta's engineering community. In July 2002, he was awarded the Canada Research Chair in Environmental Engineering.

Results of Dr. Smith's research have been published in leading international journals. He is credited with 141 refereed papers, 194 conference papers, 117 reports, and 25 books, proceedings and manuals. His research has attracted considerable (over \$6 million) outside research support to the University of Alberta.

Dr. Smith's research and professional contributions on a wide range of topics within environmental engineering have led to recognition by various sources:

- The Albert E. Berry Medal for outstanding contribution to environmental engineering in Canada;
- The American Society of Civil Engineers' E.B. Rice Memorial Lecture Award for contributions to cold region issues (Dr. Smith was the second recipient of the award).
- Two-time recognition (with co-authors) with the *Canadian Journal for Civil Engineering's* Keefer Medal for outstanding paper.
- Election as a fellow of both the Canadian (CSCE and EIC) and American national civil engineering societies.
- Election to the Canadian Academy of Engineering.
- Rudolph Hering Medal for outstanding paper in 2001 from the American Society of Civil Engineers.
- Can-Am Amity Award from the American Society of Civil Engineers for contributions to the enhancement of technical exchanges between Canada and the United States.
- University of Alberta's Killam Annual Professorship (1992-93) for contributions to education and the community.

In addition to his continued and active involvement in research, Dr. Smith has made significant professional contributions to the University of Alberta, technical societies and to the wider community. He has been chair, co-chair, or technical program chair of over 18 international conferences (14 in Edmonton), and has participated in or presented 26 workshops of one day or more duration.

Dr. Smith offers an outstanding example of how an APEGGA member's many years of dedicated research, often occurring far from the public limelight, now yield dividends to populations in Canada and abroad, in terms of cleaner water and a sustainable environment. ▲

This award recognizes excellence in the application of engineering, geological and geophysical methods towards preservation of the environment and the practice of sustainable development



# THE ALBERTA INGENUITY FUND RESEARCH EXCELLENCE AWARD

Originally named the Alberta Heritage Foundation for Science and Engineering Research Award, this award recognizes professionals in academia or industry who have conducted innovative engineering, geology or geophysics research, which has been successfully applied to improve our economic and social well being.



## *The Fold-Fault Research Project*

The Fold-Fault Research Project employs the best of academic and industrial synergy to enhance the development of Alberta's hydrocarbon energy resources.

Sub-surface faulted regions — such as those in the foothills of the Rockies and in the Laird Basin of the Northwest Territories — represent significant unexplored potential for natural gas. The challenge for resource companies is knowing enough about faulted regions to drill efficiently and effectively.

That's where the fold-fault project comes in, an eight-year-old R&D collaboration of academia and industry. The project links industry partners with the geophysical, geological and geological engineering expertise of four professors, their students and their staff.

Three of those professors are APEGGA member professionals employed by the Geology and Geophysics Department at the University of Calgary, where the project is based. Drs. Don Lawton, P.Geoph., and Deb Spratt, P.Geol., co-founded The Fold-Fault Research Project and were later joined by U of C colleague Dr. Larry Lines, P.Geoph. Also involved is a Queen's University professor, Dr. John Dixon.

Project researchers take new techniques in geophysical acquisition, analysis, processing and interpretation, and test them on physical and numerical models of complex geological structures. These techniques are refined and applied to imaging and trap-prediction problems involving real-world seismic, gravity and magnetic data. Experiments take place in two labs, each one unique in Canada, as well as in the field.

Corporations bring not only their money to the project. They also provide access to seismic data worth millions of dollars. In return, these corporate partners are learning how to zero in on untapped deposits, and at the same time putting themselves in touch with the best and the brightest graduate students in this area of research and development.

Fold-Fault Research Project knowledge is allowing the petroleum industry to make informed decisions when it drills in faulted areas, by basing its decisions on improved imaging and understanding of 3-D geometry. Directors from the project train highly qualified personnel, disseminate results in reports and refereed publications, lead field trips, and provide short courses for industry sponsors and the geoscience community.

The project has already won several awards, among them the Synergy Award from the Natural Sciences and Engineering Research Council, in 2000. ▲



# THE APEGGA HONORARY MEMBERSHIP AWARD



**Terry Allen, B.Sc., B.Ed.**

The words “community” and “science” echo through everything Terry Allen does. His career as an educator and his extensive volunteer work have contributed to a greater awareness of science throughout Alberta and across Canada.

Terry Allen graduated with a bachelor of science degree in geology from the University of Alberta in 1959. He returned to the University of Calgary in 1961 for an education degree, followed by post-graduate work in curriculum and instruction in 1968.

Mr. Allen taught junior high math and science for several years, then moved on to administration where he gained impressive experience as vice-principal and principal of several Calgary high schools, and as assistant area superintendent.

In the early 1960s, he was attracted by the science fair movement that was just beginning in Canada. With his help, Calgary quickly entered the forefront of science fairs in Canada.

Terry was one of the founding members of the Calgary Youth Science Fair Society and became its president in 1974 and again in 1979. He has watched the Calgary Science Fair increase dramatically to become the largest single science fair in Canada. The number of projects has grown from between 50 and 60 entries to between 650 and 700, involving well over 1,000 children in grades 5 to 12.

Along the way has come a greater sophistication in the science fair projects. But for Mr. Allen, the question remains: Is it good science? What are the participants’ observations, what conclusions have they made? He is committed to the importance of developing good, critical thinking.

In 1988 he was honoured with an Alberta Achievement Award for his work with science fairs.

Terry served as president of the Youth Science Foundation of Canada from 1981 to 1990, and is currently co-chairing the Canada-Wide Science Fair Organizing Committee for the May 2003 event in Calgary.

With his knowledge of curriculum and his experience in school administration, Mr. Allen was asked to help develop the Science Alberta Charter School in Calgary and went on to serve as its first chair in 1998-99.

In the early 1980s, Terry was one of the founders of the Calgary Science Centre Society, which worked with the planetarium to develop the highly successful Calgary Science Centre. “We began with a traveling exhibit from the Ontario Science Society and things kind of grew out of that,” he says.

One of the things that grew out of that community involvement was the Science Alberta Foundation, an innovative new model as “a science centre without walls.” Terry worked with the Science Alberta Foundation in developing a Discovery Project, an innovative program of open-ended science learning.

Mr. Allen has been an active member of the board of the Calgary Foundation since 1991 and currently chairs the grants committee. He is active with the Calgary South Rotary Club and chaired the Youth Exchange Committee from 1992 to 1994 and has been elected president for 2004-05.

With all his community participation, Mr. Allen’s heart remains close to the science fairs. “We’re helping people to understand science,” he says. “There’s nothing more heartwarming than to be at a Canada-wide Science Fair and see this whole group of students from Iqaluit to the Queen Charlottes to P.E.I. — all involved in science.” ▲

**Council may confer Honorary Membership in APEGGA upon any person, who through initiative and leadership, has rendered eminent service allied with the professions. The nominee’s work will have contributed to the betterment of society through the development of new material, equipment, techniques, philosophy or management related to engineering, geology or geophysics.**

# THE APEGGA HONORARY LIFE MEMBERSHIP

Council may confer Honorary Life Membership in APEGGA upon any professional member who has rendered eminent service to the Association.



**Ron Tenove, P.Eng.**

Ron Tenove, P.Eng., graduated with a bachelor of science degree in civil engineering in 1970 and an M.Eng. in 1971 from the University of Alberta. He has taken numerous geophysics courses from the University of Calgary, and earned a certificate from the American Management Association.

Mr. Tenove formed R.S. Tenove Professional Services in 1996 to develop and implement strategies for the advancement and marketing of new technologies and business practices in the engineering and environmental sectors. For clients such as EPCOR, Russell Technologies, Canspec Group and Hydroscope Inc., Ron has worked throughout Canada, the U.S., Australia and the United Kingdom on new infrastructure assessment technology, value-added power station inspection programs and partnering development for utility management projects.

With 32 years consulting experience in executive, operations and project management, Mr. Tenove has worked within all sectors of the Alberta economy. He was vice-president and director of AGRA Earth Solutions (now AMEC) from 1971 to 1993. Ron's been located in Calgary, Red Deer and Edmonton offices, providing geotechnical and project management in Western Canada, the Mackenzie Valley and N.W.T. As chief operating officer of ID Engineering (now Cochrane) from 1993 to 1996, Ron introduced new business lines and expanded employee team skills.

Mr. Tenove has written and presented numerous technical papers on infrastructure assessment, geomechanics and value engineering in Canada, the U.S., Australia, England and Norway. He is currently corporate development director with Focus Corporation Ltd.

Ron and his wife Pat, a physiotherapist, were raised in Alberta and have two grown sons.

## **APEGGA/Consulting Engineers of Alberta Activities**

- President, APEGGA Council (2002-03)
- Member, APEGGA Council (1999-2002)
- Member, Relevance Task Force developing action plan for 2010
- Chair, APEGGA Practice Standards Committee (1997-1998)
- Member, APEGGA Practice Standards Committee (1995-1999)
- Chair, Practice Standards Subcommittee Contract Employment Guidelines
- Chair and member, Red Deer Branch Executive (1977-1979)
- Founder of the APEGGA Golf Tournament, which he continues to organize now in its 24th consecutive year (president of Tournaments West)
- Board member and president, Consulting Engineers of Alberta (1991-1998)
- Awarded by the Province of Alberta for assisting positive outcomes in government restructuring
- Member, CCPE Technologies Task Force
- Member, CCPE Consideration to Integration - Foreign Engineer Immigration Project
- Speaker at local and international conferences on relevance of the engineering and consulting professions
- Presenter at APEGGA Professional Development Programs

## **Corporate and Community Service Affiliations**

- Member, Rotary International (1988-2003)
- Peer Reviewer, Association of Consulting Engineers U.S.
- Member, American Waterworks Association
- Member, AWWA Competitive Practices Committee
- Member, International Society of Trenchless Technology
- Member, North American Society of Trenchless Technology
- Community coach and Scouts Canada leader
- Co-chair, Environment Committee, Pacific Northwest Economic Region

**SUMMIT AWARDS®**

# THE APEGGA HONORARY LIFE MEMBERSHIP



**C.H. (Charles) Weir, P.Eng.**

Charlie Weir, P.Eng., has been an APEGGA member for 50 years. He grew up on a farm in Loughheed, Alta., and joined the RCAF in 1943.

Upon receiving his honourable discharge in 1945, he attended the University of Alberta and graduated with a bachelor of science degree in civil engineering, first class honours, in 1950.

In 1951 he received his commissions as a Dominion land surveyor and an Alberta land surveyor. Mr. Weir also obtained his M.Sc. in civil engineering from the University of Alberta, graduating in 1952.

Throughout his career, he has continuously upgraded his knowledge and skills through professional seminars, workshops and symposiums on surveying, land information systems, management and engineering.

Mr. Weir has more than 35 years experience in the practice of engineering, surveying, planning and consulting. In the early years of his career, his work concentrated on engineering consulting for the rural municipalities of Alberta. Since 1972, he has had extensive experience in the planning and development of multi-use transportation and utility corridors for the province. In recent years, Mr. Weir has worked closely with industry associations and the provincial government in the development of automated land information systems.

Among Mr. Weir's numerous professional affiliations and roles, he has served as the president of the Alberta Land Surveyors' Association and the Canadian Institute of Surveying and Mapping; as initiating chairman of the Canada Land Surveyors' Association; and as president of the International Federation of Surveyors.

He is a member of APEGGA, and in 1988 received the L.C. Charlesworth Award for distinguished service to the engineering profession.

From 1984 to now, Charlie Weir has represented Canada and Alberta at many international meetings and has written many papers addressing his professions. He has served as a member and chairman of numerous committees, as well as conference chairman, speaker and consultant.

A recipient of numerous awards within his professions, Charlie Weir was appointed honorary life member of the Alberta Land Surveyors Association, in recognition of his long and honourable service to the Province of Alberta, as well as honorary life member of the Canada Land Surveyors Association and honorary president of the International Federation of Surveyors.

## **APEGGA Activities**

- Discipline, 1982-83
- Member Council, 1982-85
- Task Force on Code of Ethics, 1985
- Practice Review Board, 1987-88
- Advertising Subcommittee, 1996
- APEGGA representative Ministerial Advisory Committee on Survey and Mapping, 1988-90
- Standing Committee on the Environment, 1990-91
- Practice Standards Committee, 1994-2002
- Subcommittee – Building Projects Guideline, 1996-97
- Subcommittee – Code of Ethics (chair), 1996-2002





# MANAGEMENT'S RESPONSIBILITY FOR FINANCIAL REPORTING

The accompanying financial statements of the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) and all the information in this annual report are the responsibility of management and have been reviewed by the Finance Committee on behalf of Council.

The financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles. Financial statements are not precise since they include certain amounts based on estimates and judgments. When alternative accounting methods exist, management has chosen those it deems most appropriate under the circumstances to ensure that the financial statements are presented fairly in all material respects. Management has prepared the financial information presented elsewhere in the annual report and has ensured that it is consistent with that in the financial statements.

APEGGA maintains systems of internal accounting and administrative controls of high quality, consistent with reasonable cost. Such systems are designed to provide reasonable assurance that the financial information is relevant, reliable and accurate and that the Association's assets are appropriately accounted for and adequately safeguarded.

Council is responsible for ensuring that management fulfils its responsibilities for financial reporting and is ultimately responsible for the financial statements. Council carries out this responsibility principally through its Finance Committee.

The Finance Committee, which is composed of the President, the immediate Past President, the two Vice-Presidents, and the Executive Director of the Association, approves the financial statements. The Committee meets with management and periodically with the external auditors to discuss internal controls over the financial reporting process, auditing matters and financial reporting issues to satisfy itself that each party is discharging its responsibilities properly and to review the financial statements and the external auditors' report. The Committee also recommends the engagement of the external auditors, which is reviewed by Council and approved by the members.

The financial statements have been audited by Bruce H. Childs Professional Corporation, Chartered Accountants, in accordance with Canadian generally accepted auditing standards, on behalf of the members. Bruce H. Childs Professional Corporation has full and free access to the Finance Committee.



*Neil Windsor, P.Eng.  
Executive Director & Registrar*



*Al Schuld, P.Eng.  
Deputy Registrar & Director Administration*

# FINANCIAL STATEMENTS - Year ended December 31, 2002

## AUDITOR'S REPORT

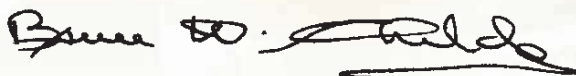
To the members of  
The Association of Professional Engineers,  
Geologists and Geophysicists of Alberta

I have audited the statement of financial position of the Association of Professional Engineers, Geologists and Geophysicists of Alberta as at December 31, 2002, and the statements of operations, changes in net assets and cash flows for the year then ended. These financial statements are the responsibility of the Association's management. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In my opinion, these financial statements present fairly, in all material respects, the financial position of the Association as at December 31, 2002, and the results of its operations and the changes in its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

My audit was made for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplementary information included in the Summary of Group Operations is provided for the purposes of additional analysis and is not a required part of the basic financial statements. Such supplementary information has been subjected to the auditing procedures applied in the audit of the basic financial statements, and in my opinion is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.



Bruce H. Childs Professional Corporation  
Chartered Accountant

Edmonton, Alberta, Canada  
January 31, 2003

## STATEMENT OF FINANCIAL POSITION

December 31, 2002 (with comparative figures for 2001)

	2002	2001		2002	2001
<b>ASSETS</b>			<b>LIABILITIES AND NET ASSETS</b>		
<b>CURRENT ASSETS:</b>			<b>CURRENT LIABILITIES:</b>		
Cash	\$ 484,309	\$ 542,125	Accounts payable and accrued liabilities	\$ 788,321	\$ 105,294
Accounts receivable	704,061	635,952	Prepaid revenue	3,553,142	3,115,361
Prepaid expenses	102,726	41,997		<u>4,341,463</u>	<u>3,220,655</u>
	<u>\$1,291,096</u>	<u>\$1,220,074</u>			
<b>CAPITAL ASSETS (note 1)</b>	1,326,173	588,125	<b>NET ASSETS</b>	2,761,436	2,867,080
<b>INVESTMENTS - at cost (note 2)</b>	4,485,630	4,279,536			
(market value \$4,649,723; 2001 - \$4,456,546)				<u>\$7,102,899</u>	<u>\$6,087,735</u>
	<u>\$7,102,899</u>	<u>\$6,087,735</u>			

LEASE OBLIGATIONS AND COMMITMENT (Note 4)

Approved on behalf of the Council:



President



Executive Director

## Financial Statements continued...

### STATEMENT OF OPERATIONS

Year ended December 31, 2002 (with comparative figures for 2001)

	2002 Actual	2002 Budget (unaudited)	2001 Actual
<b>REVENUES</b>			
Dues	\$5,313,856	\$5,307,000	\$4,650,203
Permit fees	580,083	650,000	550,533
Registration fees	366,448	304,000	300,849
Examination fees	317,049	409,800	273,299
General revenue	927,407	1,087,200	782,330
	<u>7,504,843</u>	<u>7,758,000</u>	<u>6,557,214</u>
<b>EXPENSES</b> (schedule)	<u>\$7,610,488</u>	<u>\$7,721,429</u>	<u>\$6,373,317</u>
<b>EXCESS OF REVENUE OVER EXPENSES</b>	<u>\$&lt;105,645&gt;</u>	<u>\$ 36,571</u>	<u>\$ 183,897</u>

### STATEMENT OF CHANGES IN NET ASSETS

Year ended December 31, 2002 (with comparative figures for 2001)

Net assets	Invested in Capital Assets	Unrestricted	2002 Total	2001 Total
Balance, beginning of year	\$ 588,125	\$2,278,956	\$2,867,080	\$2,683,183
Excess of revenues over expenses	<197,391>	303,036	<105,645>	183,897
Investment in capital assets	<u>935,439</u>	<u>&lt;935,439&gt;</u>	<u>-</u>	<u>-</u>
Balance at end of year	<u>\$1,326,173</u>	<u>\$1,646,553</u>	<u>\$2,761,436</u>	<u>\$2,867,080</u>

### STATEMENT OF CASH FLOWS

Year ended December 31, 2002 (with comparative figures for 2001)

	2002	2001
<b>Cash flows from operations</b>		
Cash received from members	\$6,952,118	\$6,042,711
Cash received from general revenue	931,172	760,709
Cash paid for salaries and benefits	<2,589,614>	<2,104,221>
Cash paid for materials and services	<4,209,959>	<4,140,719>
Net cash generated through operations	<u>1,083,717</u>	<u>558,480</u>
<b>Cash flows used in investing activities</b>		
Purchase of capital assets	935,439	253,741
Purchase of investments	206,094	455,389
Net cash used in investing activities	<u>1,141,533</u>	<u>709,130</u>
Net decrease in cash	<57,816>	<150,650>
Cash at beginning of year	<u>542,125</u>	<u>692,775</u>
Cash at end of year	<u>\$ 484,309</u>	<u>\$ 542,125</u>



**NOTES TO FINANCIAL STATEMENTS**

**Year ended December 31, 2002**

The Association is incorporated under the Engineering, Geological and Geophysical Professions Act of Alberta. As a not-for-profit organization under the Income Tax Act, APEGGA is not subject to either federal or provincial income taxes.

**Mission Statement**

To serve society and protect the public by regulating, enhancing and providing leadership in the practice of the professions of engineering, geology and geophysics.

**SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

These financial statements have been prepared in accordance with generally accepted accounting principles in Canada.

**Revenue Recognition**

Revenue is recorded on the accrual basis, reduced by unpaid dues of members struck from the register.

**Investments**

Investments are reported at cost. When there has been a decline in the value of the investments which is other than temporary, the carrying value is reduced accordingly.

**Capital Assets**

Capital assets are stated at cost. Amortization is recorded on the following bases and annual rates:

Asset	Rate	Basis
Audio/Visual Equipment	20%	straight-line
Furniture and equipment	10%	straight-line
Computer	25%	straight line

Leasehold improvements are amortized over the remaining life of the lease.

**Pension Costs and Obligations**

The Association accrues its obligations under its pension plan and the related costs, net of plan assets. The cost of the pension benefits earned by employees is actuarially determined using the projected benefit method pro rated on service, and management's best estimates of expected plan investment performance, salary escalation and retirement age of employees. For the purpose of calculating the expected return on plan assets, those assets are valued at fair market value.

**Unrestricted Net Assets**

During 2001, Council approved a policy of maintaining unrestricted net assets within a range of 25% to 35% of its normalised operating costs. From time to time the Council may review the reserve if special risks or capital expenditure plans warrant it. If it is required, APEGGA has a transition period of three years in which to meet the range.

**1. CAPITAL ASSETS**

	2002	2001		
	Cost	Accumulated amortization	Net book value	Net book Value
Audio Visual Equipment	\$ 232,778	\$ 106,348	\$ 126,430	\$ 75,842
Furniture and Equipment	489,668	116,332	373,336	253,788
Leasehold Improvements	830,862	127,593	703,269	163,495
Computer Equipment	449,588	326,450	123,138	95,000
	<u>\$2,002,896</u>	<u>\$ 676,723</u>	<u>\$1,326,173</u>	<u>\$ 588,125</u>

Included in capital assets are the following costs which have been incurred regarding the new Calgary office, to be occupied January 1, 2003, and therefore have not been amortized:

Leasehold improvements	\$511,992
Audio visual equipment	69,603
Furniture & equipment	137,480
<b>TOTAL</b>	<u>\$719,075</u>

**2. INVESTMENTS**

Investments consist of term deposits and bonds, which are recorded at cost plus accrued interest. Interest rates vary from 1.25% to 7.75%. These investments mature at various dates from January 2003 to September 2009.

**3. PENSION PLAN**

The Association maintains a defined benefit pension plan which covers its full time employees. The most recent actuarial valuation, dated January 1, 2002 indicated that the present value of accrued pension benefits was \$4,107,000. The value of pension fund assets, determined from fair market value, as at December 31, 2002 was \$3,836,000.

The pension expense for the year is \$225,000 and the accrued pension liability is \$93,000.

**4. LEASE OBLIGATIONS AND COMMITMENT**

The Association leases office premises and equipment under agreements expiring on various dates. The minimum lease payments including estimated operating costs and GST for each of the next five years are as follows:

2003	\$ 868,416
2004	\$ 749,555
2005	\$ 406,461
2006	\$ 386,322
2007	\$ 366,284
<b>TOTAL</b>	<u>\$2,777,038</u>

The Association has leased new office space in Calgary commencing January 1, 2003. The lease agreement provides for a tenant allowance for leasehold improvements in the amount of \$271,500 which will be amortized over the life of the lease as a reduction of rent expense, and is reflected in the above numbers.



**SUMMARY OF GROUP OPERATIONS**  
**Year ended December 31, 2002**

	2002	2002	2001
	Actual	Budget (Unaudited)	Actual
Administration	\$2,141,257	\$1,745,600	\$1,683,184
Council & Executive	780,621	721,520	750,454
CCPE	371,664	340,380	295,458
Registration	928,074	875,200	775,828
Compliance	278,791	365,073	300,189
Deputy Registrar	302,444	296,300	237,138
Special Projects	278,378	220,538	219,595
Professional Practice	236,145	296,478	176,682
Professional Development	678,264	1,093,340	569,907
Communications	1,614,850	1,767,000	1,364,882
	<u>\$7,610,488</u>	<u>\$7,721,429</u>	<u>\$6,373,317</u>

**SCHEDULE OF EXPENSES**  
**Year Ended December 31, 2002**

	2002	2002	2001
	Actual	Budget (Unaudited)	Actual
Salaries and Benefits	\$2,682,835	\$2,357,479	\$2,104,388
General	1,205,544	1,196,751	1,073,879
Meeting	1,184,367	1,417,089	1,086,041
Consultants	954,946	1,233,599	705,583
Office Rent and Parking	476,030	522,500	481,671
Printing and Stationery	432,613	452,011	375,326
Exam Administration	255,362	186,000	183,809
Depreciation and Amortization	208,525	138,100	164,947
Office Equipment	140,580	134,000	134,654
Personnel Administration	33,303	22,600	44,862
Insurance	21,383	24,300	17,899
Other	15,000	37,000	258
	<u>\$7,610,488</u>	<u>\$7,721,429</u>	<u>\$6,373,317</u>

# APEGGA EDUCATION FOUNDATION

**Tony Howard, P.Eng.**  
**Education Foundation President**

The past year for the APEGGA Education Foundation has been very challenging, and there are some important 2002 achievements to report. The foundation, established in 1996, is registered with Canada Customs and Revenue Agency. As a charitable organization, it is authorized to issue income tax receipts. The foundation is registered under the Societies Act of Alberta with the following objectives:

- Encourage and assist educational institutions in defining the educational needs of the professions of engineering, geology and geophysics, and in developing and delivering these programs.
- Encourage and assist educational institutions, students and teachers by providing financial assistance and awards.
- Encourage and assist interaction between industry and educational institutions at both a corporate and individual level.
- Serve as the professions' vehicle for meeting these objectives by assembling and managing funds, building endowments, encouraging voluntary donations and distributing funds.

The first Millennium Scholarship was awarded in 2001. In February 2002 the board approved the doubling of the number (to two) and the amount of these scholarships for the academic year of 2003-2004.

In a continuing effort to increase awareness, *The PEGG* published regular columns about the Foundation and information was also posted to APEGGA's Web site under the Education Foundation's tab. The efforts of Dennis Brooks, P.Eng., P.Geoph., in preparing these are greatly appreciated.

The financial contribution and support by Fluor Canada for the foundation's special section in the November 2002 issue of *The PEGG* significantly helped in our publicity efforts.

In addition to the ongoing support from APEGGA members who contributed through their annual dues notice, we initiated two special campaigns. The first targeted those life members who do not receive an annual dues notice. The response to this campaign exceeded expectations by a wide margin and confirmed the strong feelings that this group has for their professions.

The second was to members celebrating the 35th anniversary of receiving their professional designation. The response in this area was not as good as expected. The reasons are still being discussed but it could include that this was the first time attempt, donor fatigue, or lack of advance publicity. We plan to repeat both initiatives, as well as to continue with the ongoing request for support in the annual dues notice.

We're discussing a third campaign, one that would target members to make bequests to the foundation in their wills.

The foundation has had some success both in the increasing number of donors and the total amount donated. Our solicitations for donations have been directed solely to within the communities of our professions, the industries that employ them, and the organizations with which we share goals. There are so many charitable organizations asking for support, that the board has concluded it's best to continue our narrow focus rather than try large, broad-brush campaigns. This allows us to utilize a small team of volunteers and minimize costs.

The board discussed extensively the use of professional fundraisers. The board concluded that until the foundation is considerably larger, this would impose too large a cost burden for the funds we could reasonably expect to receive. Therefore, we'll continue using volunteers.

The board, through our treasurer, adopted a conservative investment policy of using term deposits. Through events beyond our control this has proven to be very prudent.

The members of the foundation and its board thank APEGGA and its staff for their ongoing support. As well, we appreciate those who have volunteered their services, even if they have not been called to help. It has been a year in which the foundation has been building for the future, and we could not always implement some of our thoughts and ideas. ▲



**The APEGGA Education Foundation**  
**Statement of Operations and Net Assets**  
**Year ended December 31, 2002**

	UNRESTRICTED		RESTRICTED	
	2002	2001	2002	2001
<b>REVENUES</b>				
Contributions				
APEGGA	\$ 70,050	\$ 48,200	\$ --	\$ --
Summit Awards	21,100	39,650	--	--
Voluntary	69,161	31,782		
Interest	10,648	8,374	2,625	2,473
	<u>170,959</u>	<u>128,006</u>	<u>2,625</u>	<u>2,473</u>
<b>EXPENDITURES</b>				
Grants and scholarships				
Universities and Colleges	56,000	58,750	1,500	1,500
Meetings	2,048	1,615	--	--
Office	3,107	1,502	--	--
Professional fees	1,017	1,444	--	--
Marketing	3,130	--	--	--
	<u>65,302</u>	<u>63,311</u>	<u>1,500</u>	<u>1,500</u>
<b>EXCESS OF REVENUE OVER EXPENDITURES</b>	<b>105,657</b>	<b>64,695</b>	<b>1,125</b>	<b>973</b>
<b>NET ASSETS AT BEGINNING OF YEAR</b>	<b>257,764</b>	<b>193,069</b>	<b>52,145</b>	<b>51,172</b>
<b>UNRESTRICTED ASSETS AT END OF YEAR</b>	<b>\$ 363,421</b>	<b>\$ 257,764</b>	<b>\$ 53,270</b>	<b>\$ 52,145</b>

# COMMITTEES AND BOARDS

When we say it takes hundreds of volunteers to run APEGGA, we mean it. Following are the major committees of 2002 and the names of their members. Other than committee members named under staff subheads, the people listed here are volunteers. And this list doesn't include the volunteer troops who help out with Outreach and various other duties and programs in the field.

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Len Shrimpton, P.Eng.

**PROFESSIONAL PRACTICE EXAMINATION**

David Bardwell, P.Geol., Chair  
J. H. Calzada, P.Eng.  
Peter Enslin, P.Eng.  
Dr. Ghazi Karim, P.Eng.  
David Hall, P.Eng.  
H. W. Cooper, P.Geoph.

**APEGGA Staff**

Dr. Milt Petruk, P.Eng.

**STUDENT LIAISON – CALGARY**

Monique Schluff-Soboren, P.Eng., Chair  
Don Towson, P.Eng.  
Gordon Baux, E.I.T  
Paul Cavanaugh, P.Eng.  
Rafael Arce, P.Eng.  
Scott Westlund, P.Eng.  
Michael Collins, P.Eng.  
Patrick Wu, P.Geoph.  
Curtis Sim, President, Engineering Student Society  
Chris Popoff, VP Finance, Engineering Student Society  
Aaron Grimeau, President, Rundle Group  
Jesse Clark, VP Finance, Rundle Group  
Tess Sebastian, President, Geophysics Undergrad Student Society  
Brooke Berard, VP Finance, Geophysics Undergrad Student Society

**APEGGA Staff**

Len Shrimpton, P.Eng.

**STUDENT LIAISON – EDMONTON**

Scott Arndt, P.Eng., Chair  
Pamela Strand, P.Geol.  
Martin Belanger, P.Eng.  
Dean Chan, P.Eng.  
Jose Filho, P.Eng.  
Ken Porteous, P.Eng.  
Joel Regenstrief, P.Eng.  
Jeremy Richards, P.Geol.  
David Weppler, President, Engineering Student Society  
Josh Bazin, VP External, Engineering Student Society  
Melissa Bowerman, President, P.S. Warren Geological Society  
Andrea Maynes, VP External, P.S. Warren Geological Society  
Chris McLeod, President, Undergrad Geophysics Society  
Camille Brillon, V.P. External, Undergrad Geophysics Society

**APEGGA Staff**

Len Shrimpton, P.Eng.  
Flo Primeau

**APEGGA'S REPRESENTATIVES – OTHER ORGANIZATIONS AND ASSOCIATIONS**

Our members meet their professional and public obligations inside – and outside – the Association. APEGGA names representatives to other groups, to help represent members' interests in the greater academic, professional and regulatory communities.

**Alberta Heritage Foundation for Science and Engineering Research**

Darrel Danyluk, P.Eng.

**Alberta Infrastructure Committee Private Sector Redevelopment of the Federal Building**

Ron Grantham, P.Eng.

**Engineering Faculty Council – University of Alberta**

Dr. Raj Rajan, P.Eng.

**Science Faculty Council – University of Alberta**

M.J. (Michael) Day, P.Geol.

**Civil Engineering Faculty Council – University of Calgary**

Sue Evison, P.Eng.

**Engineering Faculty Council – University of Calgary**

Ralph Garrett, P.Eng.

**Management Faculty Council – University of Calgary**

Dan Motyka, P.Eng.

**Science Faculty Council – University of Calgary**

Darcie Greggs, P.Geol.

**Tire Recycling Management Association**

Al Schulz, P.Eng.

**SAFETY CODES COUNCIL**

**Amusement Rides**

Bruce Ball, P.Eng.

**Boilers and Pressure Vessels**

Denis Wiart, P.Eng.

**Building**

Dick Walters, P.Eng.

**Electrical**

Harry Dowhan, P.Eng.

**Elevators**

Daniel Shannon, P.Eng.

**Fire**

Barry Colledge, P.Eng.

**Gas**

Fred Marlett, P.Eng.

**Plumbing**

Kevin Moodie, P.Eng.

**Ski Lift/Passenger Ropeway**

John Ogilvy, P.Eng.

# IN MEMORIAM

Every year at the APEGGA Annual General Meeting, we take a moment to remember those members who are no longer with us. Listed here are members who passed away in 2002.

AITKEN, Robert Corbett, P.Eng.	Life Member	HOLTE, Donald Ervin, P.Eng.	Member
ALLSOPP, Dale Frederick, P.Eng.	Member	HUDZ, Philip, P.Eng.	Life Member
ANDERSON, Allen Richard Denis, P.Eng.	Life Member	KEHR, Murray Allen, P.Eng.	Life Member
ANDERSON, Jerome Ernest, P.Geol.	Member	KNIGHT, Ronald James, P.Eng.	Life Member
ARMSTRONG, Laren Charles, P.Eng.	Member	KOVACS, Peter Paul, P.Eng.	Life Member
ASHTON, Kerry, P.Eng.	Member	KYM, William Robert, P.Eng.	Member
BADEN, Robert John, P.Geoph.	Life Member	LEMAY, Melvin James, P.Eng.	Member
BAILLIE, Ross Allen, P.Eng.	Member	LESLIE, Jim, P.Eng.	Member
BAKER, Dean Weston, P.Eng.	Member	LIGHTFOOT, Ralph Norman, P.Eng.	Member
BARTESKI, Allister John, P.Eng.	Member	LINCKENS, Pim, P.Geol.	Life Member
BELOVICH, Eugene Morris, P.Eng.	Life Member	LOCKWOOD, Ernest John, P.Eng.	Life Member
BORG, Robert Donald, P.Eng.	Member	MCCOURT, Garry Bernard, P.Eng.	Life Member
BRIDGETT, Robert F., R.P.T.	R.P.T.	MCPHERSON, George Malcolm, P.Eng.	Life Member
BUCHAN, Walter Ewing, P.Eng.	Life Member	MECKELBORG, Wally, P.Eng.	Life Member
BURNS, Ronald James, P.Eng.	Life Member	MILLER, William Keith, P.Eng.	Life Member
CAMPBELL, Donald Kilgour, P.Eng.	Life Member	MOTE, John Denis, P.Geol.	Member
CLARK, Malcolm Wolverton, P.Eng.	Life Member	MUIRHEAD, Clark Thomas, P.Eng.	Life Member
CROOK, Clifford Roy, P.Eng.	Life Member	O'NEILL, Lyle Craig, P.Eng.	Member
DAWE, Harold James, P.Eng.	Life Member	PICCO, Lorenzo, E.I.T.	M.I.T.
DAWES, Alexander, Geoph.I.T.	M.I.T.	PIDGEON, David Kenneth, P.Eng.	Member
DIDKOWSKY, Anatol E., P.Eng.	Life Member	PIERCEY, Alexander George Arthur, P.Eng.	Life Member
DOBSON, Ed, P.Eng.	Member	PUGH, Kenneth Victor, P.Eng.	Member
DODDS, Jim, Honorary Member	Honorary Member	RATTE, Walter Ronald, P.Eng.	Member
DRAGANIUK, Orest Benedict, P.Eng.	Member	REA, Harvey R., P.Eng.	Member
ECKEL, Brian F., P.Eng.	Member	REIMER, Peter Edward, P.Eng.	Life Member
EGGEN, Neal Harvey, P.Eng.	Life Member	SAMBORSKY, James Frederick, P.Eng.	Member
ELHORN, Harry Bryans, P.Eng.	Life Member	SCOTT, Robert Ronald, George, P.Eng.	Member
ESTEP, James When, P.Eng.	Life Member	SEREDA, David Ronald, P.Eng.	Member
EVANS, Kenneth George, P.Eng.	Life Member	SEYER, Fred A., P.Eng.	Life Member
FERGUSON, James Keith, P.Eng.	Life Member	SHIELLS, Richard Dennis, P.Eng.	Member
GALLAD, Attalah, P.Geol.	Life Member	SINGH, Amandeep, Univ. Student	Student
GITTINS, David John, P.Eng.	Member	SLUKYNSKI, Alex M., E.I.T.	M.I.T.
GODFREY, John Derrick, P.Geol.	Member	SPENCER, Leo Gerald, P.Eng.	Life Member
GOULD, Ray Gordon, P.Geol.	Life Member	STAMBERG, John Clayton, P.Eng.	Life Member
GRAINGE, John Walter, P.Eng.	Life Member	STANLEY, Donald Russell, P.Eng.	Life Member
GREENWOOD, Paul McLaughlin, P.Eng.	Life Member	STODDART, Daniel Robert, P.Eng.	Member
GWILLIM, Lloyd Ernest, P.Geol.	Life Member	SWINTON, Douglas Lane, P.Eng.	Life Member
HAGERMAN, Douglas C., P.Eng.	Life Member	TESANOVIC, Paul, P.Geoph.	Life Member
HALL, Ernest Campbell, P.Eng.	Life Member	THOM, Arthu, Charles, P.Eng.	Member
HAMILTON, James, P.Eng.	Member	THOMAS, Thomas Pall, P.Eng.	Life Member
HANKEL, Rory Christopher, P.Geol.	Member	TIMS, Harry, P.Eng.	Life Member
HANKINSON, John Delray, P.Eng.	Life Member	WATSON, Walter Thomas, P.Eng.	Life Member
HASEGANU, Eliza M., P.Eng.	Member	WILHELM, Ronal, Francis, P.Eng.	Member
HILDENBRAND, Fred Alvin, P.Geol.	Life Member	YOUNG, Roy Effinger, P.Eng.	Life Member

# 82ND ANNUAL GENERAL MEETING

Saturday, April 27, 2002  
Manitoba/Saskatchewan Rooms, Westin Hotel, Edmonton  
Dale Miller, P.Eng. – Chair

## MINUTES

President Dale Miller, P.Eng. called the 82nd Annual General Meeting of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, to order at 8:35 a.m. Approximately 127 members and 23 guests were in attendance.

The President announced that, as required by Bylaw 16(3), the quorum requirements have been met. Also, as required by Bylaw 16(2), notice of the meeting was published in both the January and February editions of *The PEGG*, thus fulfilling the 90 day notification period to the membership. Parliamentarian for the meeting was Barry Massing, legal counsel. The procedure for presentation of resolutions was also reviewed.

The following platform participants were introduced:

President	Ron Tenove, P.Eng.
1st Vice President	Mike Smyth, P.Eng.
Past President	Dale Miller, P.Eng.
2nd Vice President	Andy Gilliland, P.Eng.
Executive Director	Neil Windsor, P.Eng.

## GREETINGS FROM GOVERNMENT

Mr. David Wismer, Assistant Deputy Minister of Workplace Investments, was in attendance and brought greetings on behalf of Government.

## INTRODUCTION OF SPECIAL VISITORS AND GUESTS

Introduction of the numerous special visitors and guests were made. Representation was present from Constituent Associations across Canada, other professional organizations, government, and members of state boards in the United States.

## AGENDA ITEMS

### 1. PAYMENT OF RESPECT TO MEMBERS DECEASED SINCE 2001 ANNUAL GENERAL MEETING

A moment of silence for deceased members was observed.

### 2. ANNOUNCEMENT OF ELECTION RESULTS

The President announced the results of the election, as reported by the Ballot Counting Committee.

Elected President (unopposed)	Ron Tenove, P.Eng.
Elected First Vice President	Mike Smyth, P.Eng.
Elected Second Vice President	Andy Gilliland, P.Eng.
Elected to Council	Julie Aitken, P.Geoph. Jack Hole, P.Eng. Mike Koziol, P.Eng. Dr. Ian McIlreath, P.Geol. Dr. John Moldon, P.Eng.

Mike Koziol was elected for a two-year term.

### 3. OBJECTION, IF ANY, TO THE ELECTION RESULTS AS ANNOUNCED

There were no objections to the election results.

### 4. MINUTES OF THE 2001 ANNUAL GENERAL MEETING

*MOVED AND SECONDED*

*THAT the Minutes of the 2001 Annual General Meeting be approved as published.*

*CARRIED*

### 5. BUSINESS ARISING FROM THE MINUTES

There was no business arising from the Minutes to be discussed.

### 6. AUDITOR'S REPORT

*MOVED AND SECONDED*

*THAT the audited Financial Statements for the year ending December 31, 2001 be approved.*

*CARRIED*

### 7. APPOINTMENT OF AUDITORS FOR 2002

*MOVED AND SECONDED*

*THAT Bruce Childs, C.A., be appointed as auditor for the year 2002.*

*CARRIED*

### 8. PRESIDENT'S REPORT

Dale Miller presented the President's report for the 2001/02 term which was published in the Annual Report.

### 9. REPORTS OF BOARDS, COMMITTEES AND BRANCHES

*MOVED AND SECONDED*

*THAT the reports of the Boards, Committees and Branches be approved as published.*

*CARRIED*

### 10. CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS

#### 10.1 President of the Board

Noel Cleland, P.Eng., brought greetings from CCPE in the place of the President who was unable to attend.

### 11. CANADIAN COUNCIL OF PROFESSIONAL GEOSCIENTISTS

#### 11.1 ALBERTA DIRECTOR

Bob Comer, P.Geoph., brought greetings from CCPG.





## 12. NEW BUSINESS

### 12.1 Revisions to the Act, Regulations and Bylaws

#### 12.1.1 Act

There were no revisions to the Act brought forward at this meeting.

#### 12.1.2 Regulations

*MOVED AND SECONDED*

*That the addition of 13.1 to the General Regulation be approved.*

*CARRIED*

*MOVED AND SECONDED*

*That the amendment of Section 25 of the General Regulation to include Section 25 (4.1) be approved.*

*CARRIED*

#### 12.1.3 Bylaws

*MOVED AND SECONDED*

*That the amendment to the Bylaws as indicated be approved.*

*CARRIED*

### 12.2 Resolutions

There were no resolutions brought forward from the floor.

### 12.3 Other Business

There was no other business brought forward from the floor.

## 13. APPOINTMENT OF NOMINATING COMMITTEE FOR 2002/2003

*MOVED AND SECONDED*

*THAT appointments to the 2002/2003 Nominating Committee be approved as recommended.*

*CARRIED*

## 14. DATES FOR 2003, 2004 and 2005 ANNUAL GENERAL MEETINGS

### 14.1 2003 Annual General Meeting

The 2003 Annual General Meeting will be held in Calgary on Saturday, April 26, 2003.

### 14.2 2004 Annual General Meeting

The 2004 Annual General Meeting will be held in Edmonton on Saturday, April 24, 2004.

### 14.3 2005 Annual General Meeting

*MOVED AND SECONDED*

*THAT Saturday, April 23, 2005, in Calgary, be confirmed as the date and location for the 2005 Annual General Meeting.*

*CARRIED*

## 15. PROVINCIAL REPORTS

The Presidents and/or Executive Directors of the other Constituent Associations made presentations concerning current issues.

## 16. INDUCTION OF PRESIDENT

Outgoing President, Dale Miller, P.Eng. presented the Certificate of Office to incoming President, Ron Tenove, P.Eng., who read and declared the Oath of Office of the President of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

Mr. Tenove commented that Mr. Miller had served well as President, being passionate about his profession with a strong conviction of the value of APEGGA to members, the province, government and across Canada.

Mr. Tenove expressed pride in having the opportunity to be President and thanked the membership for their confidence. He commented that to be a part of Council was to help to ensure our professions are well defined and relevant to the public.

## 17. ADJOURNMENT

The meeting adjourned at 11:05 a.m.

# CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS REPORT



**Director:**  
**Dr. Fred D. Otto, P.Eng.**



**Director:**  
**Darrel Danyluk, P.Eng.**

The CCPE approved a renewed Strategic Plan for 2003-2005. The plan includes a number of programs to promote high standards of engineering practice and education, to proactively address the challenges of continuing relevance of the engineering profession, and to otherwise assist its member associations/ordre to regulate the practice of engineering in Canada. The plan also includes initiatives that support enhanced national and international mobility for Canadian engineers.

The CCPE is working closely with the federal government on the issue of foreign credential recognition to ensure that the concerns of the engineering profession are taken into account. To assist with this issue the CCPE, in conjunction with the associations/ ordre, is undertaking a project to identify ways to improve the models and approaches used for the recognition of foreign engineering credentials and thus to support the efficient integration of foreign trained engineers into the Canadian engineering profession. This project, *From Consideration to Integration*, is funded by Human Resources Development Canada.

CCPE participates in two international forums that are working to create international registers of qualified professional engineers. The Asia-Pacific Economic Cooperation Engineer Register is now operational.

A key organizational change saw the CCPE formally stand down the Canadian Engineering Resources Board and the Canadian Engineering International Board. Smaller standing committees of the CCPE Board have replaced them. The new committees have responsibility for coordinating CCPE's international and research work. This action was taken in response to the loss of a major funding source.

CEAB-accredited software engineering programs are now offered at the following Canadian universities: Calgary, Concordia, Lakehead, McMaster, Ottawa and Western Ontario. Programs are in various stages of development at 12 additional Canadian universities. ▲



# CANADIAN COUNCIL OF PROFESSIONAL GEOSCIENTISTS REPORT



**Director:**  
**Bob Comer, P.Geoph.**

Registration of geoscientists in Canada continues to progress with the recent proclamation of the Association of Professional Geoscientists of Nova Scotia.

The current executive of the CCPG consists of President George Cavey, P.Geo., (B.C.), Phillip Reeves, P.Eng., P.Geo., (Sask.), incoming President Dr. Gordon Williams, P.Geo., (Alta.), and Secretary-Treasurer Robert Comer, P.Geoph., (Alta.).

The executive has established nine task forces to address short-term and long-term issues facing the CCPG. One of these groups, charged with developing a strategic and business plan, held a one-day meeting in November in conjunction with the regular meeting of the board of directors, executive directors and presidents. This session provided excellent input for the project.

The Standards Board has concentrated on the evaluation of foreign geoscience associations. This will provide a background of basic information for our constituent associations.

The issue of mobility continues to dominate the concerns of the CCPG. We are pleased that CCPE has become active in this area. A committee of executive directors is actively assessing the problem of temporary practice and is committed to finding a solution. Ontario and Quebec (two of the provinces with separate geoscience organizations) have already signed an agreement providing for temporary practice for their members in each other's jurisdiction.

Our outreach to Canadian geoscientists continues with our booth being exhibited at the Prospectors and Developers Association of Canada (PDAC) convention in Toronto. In 2003 the booth will also be present at the CSPG/CSEG convention in Calgary. A new publicity brochure has been printed.

The CCPG has also continued its liaison with other groups within Canada, such as the Canadian Securities Administration, the Canadian Geoscience Council and PDAC, all in an attempt to establish our position and to encourage the registration of geoscientists. We have also continued our cooperation with the geological groups in the U.S., namely the Association of State Boards of Geology and the American Institute of Professional Geologists.

The loss of much of the income from the informal assessment program posed some significant financial constraints. Expenses were kept to a minimum and we were able to end the year in a positive financial position. ▲



# BRANCH REPORTS

## CALGARY BRANCH REPORT

*Chair: Steve Wyton, P.Eng.*

The Calgary branch has approximately 20,000 members, totaling more than half of APEGGA's membership. The business plan for 2002 mandated that Calgary branch should attempt to enhance its perceived relevance to members by expanding value-added events and services to its members.

Here's what we accomplished in the 2002-2003 reporting year:

- Developed evening professional development events.
- Expanded luncheons from the downtown into the northeast and south, which dramatically increased total luncheon attendance.
- Set record attendance levels for events.
- Continued to support and sponsor National Engineering Week and the various ring workshops.
- In order to provide our members other opportunities to network, we branched into other extracurricular special events including a Flames hockey night and a golf tournament.
- Moved to new offices, which include a new conference centre.
- Developed the APEGGA mentorship program.

To keep up with the quick pace of our changing world we held special evening events:

- A jointly sponsored event with the City of Calgary, Alberta Economic Development and the Edmonton District, on the failure of the World Trade Center.
- A Kyoto debate, including speakers from all facets of industry and government.

## CENTRAL ALBERTA BRANCH REPORT

*Chair: Peter Stevens, P.Eng.*

Since April 2002, the Central Alberta Branch has:

- Implemented Lunchtime Forums, held every first Tuesday of the month, effectively doubling the number of Central Alberta Branch events and participants. Presentations and discussions have been on various topics such as the Kyoto Accord, confined feedlot operations, roles of APEGGA, and Water Act approvals.
- Had more than 80 members and general public participate in September's combined tour of the Dow Chemicals plant and world famous Ellis Bird Farm near Prentiss. The tour highlighted how industry and environment can prosper side-by-side.
- During our continued efforts in presenting science and engineering in elementary schools, produced two classroom presentations, Forces and Structures, and Soils, now available across the province. This was a branch volunteer project.
- Toured the multi-million dollar Red Deer Hospital expansion, with components in various stages of completion. The fast-tracked project is on time and on budget, highlighting the tremendous technical and managerial abilities of our local members. It provides an excellent example of how well all members of the construction teams can work together.

Within APEGGA, members have a sense of pride about their professionalism, eagerly organizing and participating in Central Alberta Branch events throughout the year, with a mind to learn and network with fellow members and the general public, and have fun doing it.

Professionally, Central Alberta Branch members are technical and managerial leaders. Central Alberta continues to grow with a strong economy, as evidenced by our members playing key roles in successfully developing and running world-class industrial facilities, entrepreneurial enterprises and municipal infrastructure.

Social responsibilities are taken seriously with many Central Alberta Branch members providing better communities by coaching youngsters in sports, presenting science and engineering concepts in schools, and volunteering on diverse local and boards and projects.

## EDMONTON DISTRICT REPORT

*Chair: Shiraz Kanji, P.Eng.*

The Edmonton District Committee has been very active over the past year. We have been able to impart an informal education program to our membership through luncheon meetings and professional development evenings.

The district provided a forum for members to interact with the president at the President's Luncheon in February, and also provided the membership the opportunity to request speakers and topics that would like presented.

During the year, we have had a diverse range of topics presented at the monthly luncheon meetings. These ranged from road salt management to a petroleum producer's perspective on climate change to the Mackenzie Gas Project.

We have held two professional development evenings, Awakening the Leader Within and Selling Yourself and Your Ideas, as well as two financial planning seminars.

All in all we have had a successful year with excellent participation at our functions.

## FORT McMURRAY BRANCH REPORT

*Chair: Kim Farwell, P.Eng.*

The Fort McMurray branch continued to be active over the year with a CPD day in the fall and a series of social events including a golf tournament, wine tasting evening and a quiz night.

Outreach events including a Lego contest and Science Olympics during National Engineering and Geoscience Week.

President Ron Tenove, P.Eng., visited our branch in January 2003, and our AGM took place in March, with guest speaker Dr. Andre Plourde discussing the impact of Kyoto on Alberta's industries.

*Creating a Better Alberta*



## LAKELAND BRANCH REPORT

*Chair: Andrew Wright, P.Eng.*

Highlights of another successful Lakeland Branch year were:

- Second Annual Lakeland APEGGA/ASET Golf Tournament was held July 13, 2002, at Palm Springs Golf Course in Cold Lake.
- On Sept. 22, Steve Nelson of St. Paul High School was presented the 2002 Teacher Award for the Lakeland Branch.
- On Oct. 17, Stuart Nadeau, senior regulatory advisor for Imperial Oil Resources, gave an exceptional presentation, discussing the interrelation of engineering, the environment and regulators, and impacts on new and existing projects. The talk was preceded by a fish fry that was thoroughly enjoyed by all who attended.
- The Lakeland Branch had another strong year promoting math and science through its Community Outreach program. Many volunteers participated in judging various science fairs throughout the district. The Science Olympics were also a big hit during National Engineering Week.

## LETHBRIDGE BRANCH REPORT

*Chair: Adam McDonald, E.I.T.*

Lethbridge Branch activities in 2002 kicked off with a Lunch and Learn session. Lorne Armstrong presented an informative talk on investing in an environment of low interest rates.

The President's Visit took place on Feb. 26. For National Engineering Week activities in March, we involved engineering transfer students from the University of Lethbridge. And we held our traditional golf tournament on June 21.

The Lethbridge Branch Annual General Meeting on June 6 resulted in a new executive, with two new members added.

## MEDICINE HAT BRANCH REPORT

*Chair: Mary Ann Byrd, P.Eng.*

Highlights of the Medicine Hat Branch year are:

- This year the branch hosted a new type of event, a barbecue and science-based activity for members and their families. The event proved to be a great success with the largest member turnout for any event held.
- The Medicine Hat Branch also co-hosted several member activities. This approach was successful from a financial as well as a networking point of view, by sharing the cost of hosting an event while bringing together individuals from different business backgrounds with common interests.
- Branch goals to maintain relevance for our members, provide networking and fellowship opportunities and increasing branch member participation were emphasized in 2002.

## PEACE RIVER BRANCH REPORT

*Chair: Lisa Hall, P.Eng.*

APEGGA branches help the provincial organization create a better Alberta by fostering relationships between our professionals and community. Awareness of technology's impact on everyday life is increased through participation in local initiatives.

These initiatives range from hosting science and technology nights, talking at career days, interacting with community members at technical nights, and participating on local committees. APEGGA's relationship with Albertans begins in the branches, through individual members talking and living their professions.

The Peace River Branch was proud to be a part of that process in the following 2002 events:

- The first-ever joint ASET and APEGGA golf tournament was held in mid-July. More than 25 local businesses helped to sponsor the event, which hosted 35 golfers. This venue also included the APEGGA Teacher Award winner who participated in the golfing and was recognized at the barbecue dinner.
- The Branch Outreach coordinator organized volunteers into hosting an APEGGA Challenge booth during the Alberta Science Festival in Grande Prairie. The number of children participating was uncountable. Activities included a telescope to look at sunspots, slime production, marshmallow trusses, and vinegar/baking soda rockets.
- The October 2002 Science and Technology Week found our local members hosting a science night and attending professional development classes. More than 140 elementary students explored engineering and science. The 38 professional members increased their skill development through Thriving on Change, Managing with Difficult People, Mentoring, and Technical Writing.
- Peace River Branch Technical night in January 2003 featured Les Hempsey from Alberta Transportation discussing the North-South Trade Corridor. Attendance went beyond expectations with 48 guests, coming from High Level, Peace River and Grande Prairie.
- We continued developing executive members in northern region of branch in hopes to have events planned there in the future.



## VERMILION RIVER BRANCH REPORT

*Chair: Trent Cherry, P.Eng.*

The year 2002 was another busy one for the Vermilion River Branch. The year's activities were kicked off with the President's Visit & Address on March 20. Outgoing President Dale Miller, P.Eng., gave a brief overview of APEGGA's current undertakings and addressed any questions members had. Executive Director Neil Windsor, P.Eng., also attended the event.

The branch AGM was held in conjunction with this visit, along with the Professional Member Induction Ceremony and Life Member Recognition. Seven new professional members were inducted this year and one life member was recognized. A total of 51 people attended.

The second annual President's Luncheon in Vegreville was also held in conjunction with the above event. The lunch gave members from the west areas of the branch a chance to meet and talk with the president.

On June 6 the third annual Professional Development Day and Dinner Presentation were held. This year the sessions were Winning with Difficult People and Thriving on Change, both presented by Bruce Lee. Kerry Keating with API Grain Processors gave the dinner presentation, on biofuels. Attendance was great at 55 people and we received some very positive feedback. Contributing to the success of the event was the organizing assistance received from the local ASET/SASST branch.

The Annual Golf Tournament was also held in June. This year the event took place at the Lashburn Golf Course. The day was a great success with more than 50 golfers coming out to enjoy the good weather. The tournament featured nine holes of golf and a steak dinner.

School awards were presented throughout the year at schools in all areas of the Vermilion River Branch. The number of schools getting involved continues to increase.

Plans for 2003 events are in full swing. Focus has been placed on informing the various schools in the Vermilion River District of the Teacher Awards coming up in the spring. It is expected that there will be a significant increase in interest this year.

Other 2003 events include a pool social night, a tour of one of the local industries, technical Dinner Presentations, National Engineering Week and much more.

At the time of this report, Vermilion River Branch Executive included eight members. Several members have either relocated or relinquished their executive duties, so recruiting is under way to replace these positions.

## YELLOWHEAD BRANCH REPORT

*Chair: JoAnne Volk*

Following is a summary of Yellowhead Branch 2002-2003 activities.

- April 2002 - socials in Edson, Hinton and Whitecourt
- June 2002 - three attended the Branch Orientation session
- September 2002 - Branch Executive Meeting
- February 2003 - contacted schools for bridge building contest / judging
- contests
- March 2003 - President's Visits in Hinton and Whitecourt

We are looking for more member involvement in our area.

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*Creating a Better Alberta*

# PUBLIC MEMBERS OF COUNCIL REPORT

*Hugh Planche  
Dr. Norm Wagner  
Judy Williams*

Our job is to provide APEGGA Council with an outside perspective, while observing and participating in the performance of self-government. We are pleased to report that the public, the government and APEGGA members are well served by the self-governance model. The organization, with its dedicated managers and staff, comprehensive business plans and budgets, and highly committed volunteers, operates effectively and efficiently.

A number of challenges faced the Association this year. Council continued to address diligently the issues of emerging disciplines and the potential inclusion of a broad ladder of disciplines under its wing, while maintaining its high standards of public protection. Efforts to improve the efficiency and effectiveness of registration and examinations, in Alberta and across Canada, continued to be at the forefront, and Alberta keeps proving itself a leader in that and other areas of national interest.

APEGGA continued to attract to its roster far more engineers and geoscientists than the numbers that graduate from Alberta's universities. Council and staff managed this growth without jeopardizing the public interest or placing an undue burden on members.

Public members played a key role in the area of compliance. We spoke to Alberta Minister of Human Resources and Employment Clint Dunford, who is responsible for the Engineering, Geological and Geophysical Professions Act, to underline the importance of protecting APEGGA's exclusive right to title. Council's actions demonstrated the importance Council places on striving to ensure all people practicing the engineering, geological and geophysical professions in Alberta are licensed to do so, and that those who are not APEGGA professionals don't represent themselves as such by using protected titles.

Advocacy – in the sense of making representations on public issues – was again an issue for Council. Most notably, Council sent a letter to the Prime Minister Jean Chretien about the Kyoto Accord. The letter did not take a stand on the science of the accord, but requested that more information be gathered and disseminated before the federal government pass legislation supporting it. Although the Mr. Chretien did not take APEGGA's advice, the exercise generated member discussion and was an important test case in advocacy.

In these and all matters addressed by APEGGA Council, its Executive Committee and its management team, we can attest that the protection and safety of the public continue to be of utmost importance. ▲



*Creating a Better Alberta*



# BOARD OF EXAMINERS PUBLIC MEMBERS REPORT

***Terry Gunderson***  
***Dr. Wayne Pettapiece, P.Ag.***  
***Dr. John Railton***

We, the public members of the APEGGA Board of Examiners, have been appointed full members of this board by the Minister of Human Resources and Employment of Alberta. During the year 2002, the members of the full board continue to carry out their responsibilities in an exemplary manner.

Each case has been given the necessary scrutiny to ensure that the professions, in Alberta, meet very high standards. This we feel ensures that the public in Alberta is well protected from the point of view of public safety and professional training of people bearing the P.Eng., P.Geol. and P.Geoph. accreditation. The Association membership and the public may be assured of the very high quality of dedication and rigour given to the acceptance of people into the engineering and geosciences professions in this province.

This board from time to time loses the wisdom and experience of retiring members. However, Association members and staff have a well-developed capability of finding and encouraging excellent new membership on the board. All new members, including public members, are welcomed as peers and listened to with respect and encouragement. Nevertheless, there is a no-nonsense consensus building ethic brought to bear on all decisions.

The issue of inter-provincial mobility is one of persistent importance and is given ongoing attention. APEGGA has taken the position that it is necessary for people desiring to use the P.Eng., P.Geol. and P.Geoph. designations in Alberta to meet the necessary curricula and experience requirements expected of engineers, geologists and geophysicists already in Alberta. Where discrepancies in training and experience exist, the academic and experience examiners make detailed presentations to the board as a whole.

The matter is discussed thoroughly and a collective decision is made. Although this approach may seem unduly onerous to some applicants, this approach is applied equally and definitively to each case.

Additionally, the Board of Examiners has decided to strike a subcommittee to review the issue of applicants with foreign degrees. The thrust of this committee will be to review the manner in which individuals with foreign degrees have their experience and credentials reviewed before being accepted into APEGGA.

This is a timely effort which will address equitability, fairness and curricula alignment within the bounds of the Guidelines and Procedures Manual. The public members of the Board of Examiners are pleased to form a part of this review committee.

Other important issues raised and discussed by the Board of Examiners during the 2002 reporting period were: APEC registration, confirmatory examinations, geoscientist registration, expedited transfer (in progress), syllabus revisions, and regulatory amendments for R.P.T. designations.

The public members continue to be pleased by the level of support and service provided by all levels of APEGGA staff. The minister, the public, and the members of this Association have been fortunate to have Association staff who are well organized, supportive and dedicated to the core ideals and goals of this profession. ▲

