



A P E G S

*Association of Professional Engineers
& Geoscientists of Saskatchewan*



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COVER PHOTO:

Gold Pour, Jolu Gold Mill, 2011. Photo courtesy Golden Band Resources.

President's Report

Writing my submission to the annual report is a different undertaking than my *Edge* articles. I can't really do "stream of consciousness." I need to focus on what we did and what we didn't do. Scary stuff! It was indeed an honour to serve the Association as president this year. It was a year that I would have liked to have dedicated more time to APEGS but a confluence of factors caused me to do far more delegating than I would have liked. In August of 2011 I was promoted to Vice-President of Potash Operations for The Mosaic Company and my life got very busy. Lucky for me and for you, our Executive Committee did an outstanding job of covering for me. Many thanks to Shawna Argue, P.Eng., FEC, Leon Botham, P.Eng. and Dwayne Gelowitz, P.Eng., FEC for all your help this year. You made the impossible possible.

I don't intend to catalogue my trips or conversations; instead, I want to give you a feeling of how our association stacks up nationally. First, we have a history of being on the "right" side of issues rather than the territorial side. What I mean is, that as a smaller association we find ourselves trying to get beyond turf and move to issues that are more fundamental to the professions. Two years ago, Engineers Canada was looking into their funding model. The direction things were going would have brought undue hardship to our Association because over half of our members come from outside our province and our allocation by member would have been overweighted. Our concerns were initially downplayed but we persisted until it was discovered that some other provinces have the same issue. Some other issues we are involved in range from how technologists and technicians are recognized in other provinces to the implementation of the Canadian Framework for Licensure. In each case, APEGS is playing its part in the relentless pursuit of safeguarding the public.

The year 2012 marks the upcoming 100th anniversary reunion of the University of Saskatchewan College of Engineering. This event will take place on September 20-23, 2012. APEGS will be the patron sponsor for this event. The reunion will not only be of interest to a large number of APEGS members who are U of S alumni, but will also involve participation of a number of students, faculty and volunteers. As part of APEGS establishing its "brand" and value, celebrating the history of the province's oldest engineering college along with the accomplishments of so many of its past and present members seems like an ideal fit.

APEGS has experienced a high level of growth in the past several years, with a total membership exceeding 9,500 members and licensees. APEGS has met this challenge, and will continue to do so. Public safety and environmental protection demand that all persons engaging in the practice of professional engineering and professional geoscience meet the minimum qualifications. In accordance with *The Engineering and Geoscience Professions Act*, APEGS will be embarking on an initiative to register and issue a restricted licence to those persons who do not possess the normal academic requirements but through a combination of academic training and professional experience are qualified to engage in the practice of professional engineering or professional geoscience within a restricted scope of practice. This restricted licence will be of interest to, for example, persons with a background in a science other than engineering or applied science, international graduates whose undergraduate degree does not meet the normal academic requirement and to senior technologists whose training and experience qualify them to practise professional engineering or professional geoscience.

This year we continued with our practice of inviting committee Chairs to attend our Council orientation and to observe our Council meeting. I have been very encouraged by the feedback and although I have attended several orientations, I learn something new each time, which may also be related to my age and memory. The feedback that we get from these sessions is invaluable and informs our discussion of plans for the upcoming year. I want to thank each of the committee Chairs for making it out to this event and encourage you to attend this year.

We continue to work on ROCK.doc (Renewing Organize Clarify and Kick-off), which is our effort to focus the Association's activities over the next several years. These goals, along with the anticipated objectives, were grouped as follows:

1. Ensuring registration and compliance requirements are met.
2. Promoting and improving the proficiency and competency of members.
3. Proactively regulating the professions.
4. Ensuring sustainability of the professions.
5. Meeting the requirements of ongoing governance and operations.

It is acknowledged that many of the objectives and associated deliverables identified by Council and staff will be achieved through ongoing operations of the Association. Executive Committee requested that three goals be identified as a focus for the 2011-2012 year. One focus objective was the review of the APEGS communication plan and at their June 2011 meeting, Council and committee Chairs present identified the remaining two focus objectives for the upcoming year. Here are the results:

Top three deliverables for 2011- 2012 (outside of core business), in priority:

1. Ensuring Sustainability of the Professions
 - Hire/contract director of outreach or a communications consultant
 - Improve the public profile of the professions
2. Meeting the Requirements of Ongoing Governance and Operations
 - Enhance/improve volunteer management
3. Promote and Improve the Proficiency and Competency of Members
 - All associated objectives (related to professional development)

This body of work is in the hands of staff and our volunteer committees. Key Performance Indicators are being developed and will be detailed directly in the committee reports. A big thanks to Shawna Argue, P.Eng., FEC and Patti Kindred, P.Eng., FEC for keeping this initiative on the move.

Geoscientists Canada struck a task force to study incidental practice. Geoscience is a regulated profession in all provinces and territories in Canada except Prince Edward Island and Yukon. Each jurisdiction has different provincial legislation that establishes an association to govern the profession and a council to manage the affairs of the association (in the case of Newfoundland, a board of directors). In Canada, professional geoscientists must carry a separate licence to practise in each province and territory. Thus, to legally work as a P.Geo in a jurisdiction, an applicant must apply to be registered as a member of that jurisdiction's association. Herein lies the issue: you need to pay for a licence in each jurisdiction you practise. Geoscientists Canada is trying to develop a system to avoid paying a fee in each jurisdiction. Nothing has been resolved and there will be more to come on this issue.

It has truly been a privilege to serve as your president this past year. I hope

you enjoyed my articles in *The Professional Edge* – they were different! I want to thank the volunteers I have met at meetings and other gatherings. Your dedication is humbling. You really make our Association stand out. To the Executive Committee and the staff, thanks for all your help and support. You made me look good, not an easy thing to do! To my wife, Cindy, thanks for the proofreading, helping me with my speeches and making sure I don't dress like an engineer.

Respectfully submitted,

Peter J. Jackson, P.Eng.
President

Executive Director and Registrar's Report

The Saskatchewan economy continued to be very robust in 2011 and this was mirrored in the overall 9.7 per cent growth in APEGGS members and licensees.

National Issues

During 2011 three national issues consumed a large amount of time for Council and Executive Committee.

Proposed APEGBC/ASTTBC Professional Technologist Concept

The Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) is contemplating a concept that will provide a scope of practice to Professional Technologists (P.Techs) under the B.C. Applied Science Technologists and Technicians Act. Executive Committee is working hard to convince APEGBC to move away from this concept. It is the APEGGS position that there is no separate practice of engineering technology but that engineering technology is totally coincident with the practice of professional engineering. As such, public safety requires that any practitioner taking independent responsibility for the practice of professional engineering must be licensed under *The Engineering and Geoscience Professions Act*. To operate otherwise could endanger the safety of the public.

Geoscientists Canada and Incidental Practice

Geoscientists Canada currently has a task force investigating an incidental practice scheme. The task force's current definition of incidental practice is getting licensed somewhere in Canada and practising elsewhere for short periods of time without becoming licensed in that jurisdiction. It is the law in Saskatchewan that all practitioners be licensed and Council is opposing any move toward such an incidental practice scheme.

New West Partnership Trade Agreement

An inadvertent consequence of this trade agreement impacts the consulting industry by arbitrarily specifying that all government-funded projects utilize an RFP process for all consulting contracts over \$75,000. This amount is significantly lower than industry averages and elevates the size of the professional fee as a selection criterion. Council is concerned because selection on the basis of cost versus qualification could lead to public safety

issues and increased life cycle costs. Council is working to improve the understanding on both sides of this issue.

Registration

The Membership Statistics table reports on the final outcome of all registration activities. It does not capture the numbers of inquiries, the numbers of applications or the numbers of files in the midst of being processed. The two Association committees with the heaviest workload are the Experience Review Committee and the Academic Review Committee. The number of engineers-in-training who are reporting engineering work experience increased in 2011 and the number of international engineering graduate applicants continued to grow. Activity in the permission to consult and Certificate of Authorization areas was brisk during 2011.

Staffing

This was another year of growth and renewal for the Association itself. The vibrant economy and workload led to some staff turnover throughout the year. During 2011 we had to replace three staff members and add one new staff member for an overall increase of one person-year.

Database

Renewal of our database capability continued in 2011, with additional work on our new AMSoft database. Portions of the new database were implemented during the year, including some online services like dues payments, updating of member information and reporting of Continuing Professional Excellence activity. Additional online services such as applications, event registration, application status and automatic email notification of changes in application status will be added in 2012.

Throughout 2011 our volunteers and staff represented our professions at a wide variety of national, government, public, university, geoscience and engineering functions. These functions provided an excellent opportunity to further the Association's mandate of protecting the public. APEGGS continued with the practice of holding an annual MLA reception, holding its 12th annual reception during the fall legislative session. This provided an excellent opportunity for politicians to meet engineering and geoscience professionals

Investigation Committee

and to discuss issues relevant to Saskatchewan and our professions.

I thank all members who volunteered their time during 2011 in support of our professions. I especially thank President Peter Jackson, P.Eng., Executive Committee, Council and my staff for their strong support throughout the year.

MEMBERSHIP STATISTICS

MEMBERSHIP CATEGORY	2010	2011	CHANGE	% CHANGE
Professional Engineers	5,287	5,569	282	5.3%
Professional Geoscientists	461	460	(1)	(0.2%)
Engineers-in-Training	1,234	1,391	157	12.7%
Geoscientists-in-Training	126	136	10	7.9%
Geoscience Licensees	3	5	2	66.7%
Engineering Licensees	12	17	5	41.7%
Licence Req'd. Waived (P.Eng. & P.Geo.)	602	930	328	54.5%
Life Members (P.Eng. & P.Geo.)	643	673	30	4.7%
Temp. Licences (P.Eng. & P.Geo.)	58	64	6	10.3%
Resignations	171	183	12	7.0%
Permission to Consult	500	522	22	4.4%
Certificates of Authorization	764	812	67	9.6%
No. of Members/Temp. Licensees	8,426	9,245	819	9.7%

Brackets indicate (decrease).

The Saskatchewan economic boom has been mirrored in the growth of our membership: 2005 (+5.7%); 2006 (+6.5%); 2007 (+7.5%); 2008 (+9.7%); 2009 (+10.6%); 2010 (+5.9%); and 2011 (+9.7%).

Respectfully submitted,

Dennis K. Paddock, P.Eng., FEC
Executive Director and Registrar

Under *The Engineering and Geoscience Professions Act* and its bylaws, APEGS has the responsibility and authority to investigate complaints alleging professional misconduct and/or professional incompetence of its members, licensees, or holders of a Certificate of Authorization. APEGS maintains separate investigation and discipline committees that operate independently of each other and independent of the APEGS Council.

The Investigation Committee must consist of at least nine APEGS members appointed to the committee by Council to serve for a three-year term, and one Public Appointee. Appointments may be extended to include a consecutive second term.

The Investigation Committee can only initiate an investigation when requested by the Council or when it receives a written complaint alleging that a member's conduct constitutes professional misconduct or professional incompetence. The investigation process involves gathering, examining and weighing evidence from a variety of sources. Upon completion of its investigation, the committee documents its findings and recommendations. This written report may conclude that the matter be forwarded to the Discipline Committee for a hearing or it may recommend that no further action be taken, in which case complainants may request that Council review the recommendation. Council may confirm the committee's decision or it may refer the matter back to the committee to investigate the matter further or to prepare a written report recommending that the Discipline Committee hear and determine a formal complaint.

The Investigation Committee met five times during 2011. Five cases were carried forward from 2010. No new complaints were brought to the committee in 2011. During 2011, the committee closed two cases with the recommendation that no further action be taken. As at January 1, 2012, three case files remained under investigation.

I wish to thank all committee members for their ongoing participation and contributions. The Investigation Committee also continues to receive invaluable support from Lyle Jones, P.Eng., LL.B., legal counsel to the committee, and from the staff at the APEGS office.

Respectfully submitted,

John Fahlman, P.Eng., P.Geo., Chair

Discipline Committee

Under provisions of *The Engineering and Geoscience Professions Act* and Regulatory Bylaws, the Discipline Committee has the responsibility to act on formal complaints referred to it by the Investigation Committee. A Discipline Hearing Panel, constituted from the Discipline Committee, hears complaints regarding the conduct of individuals and/or corporations registered with, and under the authority of, the Association to determine whether or not such conduct constitutes professional misconduct or professional incompetence. Where the Discipline Hearing Panel finds that conduct constitutes professional misconduct or professional incompetence, appropriate disciplinary orders are issued. Decisions of a Discipline Hearing Panel are open to appeal only through the courts.

The Act requires that the Discipline Committee receive a report from the Investigation Committee upon closure of an investigation that does not result in a formal complaint being made to the Discipline Committee. In 2011, the Chair of the Discipline Committee received no such reports nor were any formal complaints made to the Discipline Committee.

I would like to thank our support staff, Tina Maki, P. Eng., Patti Kindred, P.Eng., FEC and Ron Pearson, P. Eng., FEC, for their commitment and involvement in the discipline process during 2011. I would like to thank the outgoing Chair, Bill Heywood, P.Eng., for all his efforts on the committee.

Respectfully submitted,

Doug Kelly, P. Eng.
Chair

Governance Board

The work of the Governance Board is vital to the fulfillment of the Association's mandate and obligation to protect the public by ensuring high standards of engineering/geoscience practice and education and by setting high standards for admission into the professions.

The Governance Board administers and regulates the practice of engineering and geoscience in accordance with *The Engineering and Geoscience Professions Act* and Bylaws. Among its duties, the board interprets and administers Association policies on registration, corporate practice and related matters concerning responsible self-governance. It also makes recommendations to the APEGS Council regarding changes to existing policy and the development of new policies in those areas.

The board promotes an understanding of the practice of engineering and geoscience and its scope among employers, government and the public. It also provides a clear, consistent and equitable process for identifying and registering engineers and geoscientists qualified to work in Saskatchewan.

The board functions through a number of committees made up of volunteers from the APEGS membership. Committees reporting to the Governance Board are Academic Review, Experience Review, Licensee Admissions, Professional Practice Exam, Registrar's Advisory, and Legislative Liaison. The board is chaired by the APEGS president and is comprised of the Chairs and liaison councillors from these six committees. The APEGS representative to the Saskatchewan Construction Panel also sits on the Board.

With the continuing increase in applications for APEGS membership and registration, the committees of the Governance Board have experienced increasing workloads. To address this issue, many committees have added additional volunteers to share the load. In particular, the Academic Review Committee has enlisted special advisors from the faculties of both universities to assist in the assessment of unusual cases.

Details of the various committee objectives, activities and accomplishments are documented in their reports.

The Governance Board has been well served by many volunteers who have given generously of their time and talents. The board also wishes to acknowledge and thank Tina Maki, P.Eng., Director of Registration, for her invaluable help in running the Governance Board this year. I would also like to thank Dennis Paddock, P.Eng., FEC, Executive Director and Registrar, Kate

Academic Review Committee

MacLachlan, P.Geo., Director of Academic Review, Patti Kindred, P.Eng., FEC, Director of Education and Compliance and Amber Lee Solomon, APEGS Registration Assistant, for helping with Governance Board activities.

Respectfully submitted,

Peter Jackson, P.Eng.
Chair

An applicant who has graduated from an accredited Canadian university, who is registered in another association/ordre in Canada or who otherwise falls under the Registrar's acceptance list is quickly registered as a P.Eng/P.Geo. or as a member-in-training. There are, however, many people who apply to APEGS for registration who have degrees that are not known or who have graduated from institutions that are not known in Canada. It is the role of the Academic Review Committee (ARC) to review these applications and to determine if the applicants have the academic training to qualify for registration in Saskatchewan.

The assessment of applications referred to the ARC, particularly the engineering applications, is very time consuming. However, the assessment is needed to determine if an applicant has a degree equivalent in breadth and depth to a Canadian degree and, if not, to identify any deficiencies in his or her program of study. The ARC advises applicants of any deficiencies and approves courses or exams that may be taken as a means of fulfilling those deficiencies. Even applicants who do not have any deficiencies, or who have fulfilled deficiencies, will usually be assigned three confirmatory exams. The confirmatory exams are intended to determine if the courses that they took are at a level similar to these courses in Canada. The confirmatory exams may be waived if the applicant has five or more years of acceptable work experience as determined by the Experience Review Committee or if he or she holds an M.Sc. or Ph.D. degree from an acceptable university, as determined by the ARC.

During the past year the ARC reviewed 102 applications for engineering, compared to 135 in 2010. After the review, the ARC recommended 29 to the Registrar for registration and another 42 were tentatively approved pending more information from the applicant (i.e. fulfillment of English Competence Policy, approval of work experience by the Experience Review Committee as a means of waiving confirmatory exams, etc.). There were 10 applications that involved the assignment or upholding of deficiency exams. Two applications were denied. Many other applications were brought to the ARC for the approval of courses, provision of exam/course results or request for review of previous ARC decisions.

In 2011 the ARC considered 13 geoscience applications compared to 18 in 2010. Of these applications, nine were recommended for registration, two had deficiencies that must be fulfilled and two were asked to provide more information.

Licensee Admissions Committee

In 2011 ARC reviewed about 33 fewer international engineering applications than in 2010, and about five fewer applications for geosciences. Some of these were carried over from last year and many will be carried over into 2012. Since 2009 the workload for ARC has significantly increased and to help with this, the ARC terms of reference were amended to provide for “ARC Reviewers.” These are people who have similar training to committee members and provide reviews and recommendations to the committee on a regular basis. They may attend ARC meetings as required but do not have a vote on committee decisions.

During 2011 several ARC policies were also amended to try and reduce the number of applications required to go through ARC. Canadian geoscience graduates with a four-year program who meet the knowledge requirements set out by Geoscientists Canada are now considered part of the Registrar’s acceptance list (meaning they don’t go to ARC for approval). International engineering graduates who have a bachelor degree from a Canadian Engineering Qualifications Board (CEQB) listed institution and a graduate degree from a university that has an undergraduate program that falls under the Washington Accord have also been added to the Registrar’s acceptance list.

ARC tries very hard to recruit people from various disciplines, from industry and from both Saskatchewan universities. It has proven to be very helpful to have committee members who are fluent in languages other than English, since they have been able to read and interpret non-English documents. We have several members serving on the committee who have graduated from universities in other countries and they bring to the committee the knowledge of the education system in these countries. As well they have gone through the process of registering in Saskatchewan and other provinces so they know the frustrations that the applicants can have with our processes.

ARC has had an extremely busy year and I wish to express my deepest appreciation to APEGS staff and to the dedication of the volunteers who put in so much work for our Association.

Respectfully submitted,

Reza Fotouhi, P.Eng., Ph.D.
Chair

The Licensee Admissions Committee was established to review and make recommendations regarding applications for a restricted licence within a limited scope of practice in the fields of engineering or geoscience.

The committee met twice in 2011. Agenda items of those meetings included consideration of 11 Limited Member applications, several of which were from members of other jurisdictions. Three applications were recommended to the Registrar for approval, with the remainder continuing in process.

The titles for holders of a restricted licence were formally revised to Engineering Licensee and Geoscience Licensee at the APEGS Annual Meeting in May of 2011. The name change, which had been subject to extensive review and consideration for several years, was implemented to provide consistency with other provinces.

2011 also saw the beginnings of a formal advertising and communications campaign that will raise the level of awareness of the restricted licence option with both stakeholders and industry. We have received positive responses from both employers and educators regarding the restricted licence program. The committee anticipates that the number of applications for restricted licences will increase dramatically in the coming years.

With regard to professional makeup of the committee, 2011 saw the addition of the first Engineering Licensee to sit on the Licensee Admissions Committee.

Respectfully submitted,

Daryl Andrew, P.Eng.
Chair

Experience Review Committee

Under the jurisdiction of the Governance Board, the Experience Review Committee administers the policy and procedures established by Council for the review of work experience reports of members-in-training and other individuals applying for professional membership with the Association. The committee makes recommendations to the Registrar following completion of those reviews.

The 19-member Experience Review Committee met nine times in 2011 and reviewed 1,094 work experience reports submitted by 750 members in training, an increase of 14 per cent in the number of reports over 2010. Included in that total were 11 reports reviewed for Temporary Licence applications, and 71 reports reviewed for international engineering graduates referred from the Academic Review Committee.

On November 25, 2011, there was a change in policy with regard to Temporary Licensees. This category of registrant was added to the Registrar's acceptance list, meaning that their experience is no longer reviewed by the committee but reviewed by staff only.

The committee would like to thank the six retiring members whose terms ended in 2011 for their hard work and dedication. Without volunteers such as these, it would be impossible for the Experience Review Committee to fulfill its mandate. As it looks forward to another busy year, the committee is pleased to welcome the three new members who joined the committee in 2011.

The committee would like to thank Tina Maki, P.Eng. and Marilyn Leier for their role as APEGS staff support for committee activities in 2011.

Respectfully submitted,

Dan Bonnet, P.Eng.
Chair

Professional Practice Examination Committee

The mandate of the committee is to coordinate and direct the Law and Ethics Seminars and to oversee the setting and administration of the Professional Practice Examination.

The Law and Ethics Seminars are held in the spring and fall of each year. Each seminar runs for two days and is focused on preparing new members for the roles and responsibilities of Professional Engineers and Professional Geoscientists in society. The seminar also helps prepare the participants for the Professional Practice Exam. The major areas covered by the seminar include:

- An introduction to the Association.
- Key laws and regulations for geoscientists and engineers.
- An introduction to the Act and Bylaws.
- Investigation and discipline processes of the Association.
- Professional conduct, ethics and responsibilities.
- Continuing Professional Excellence.

The spring seminar was held in Saskatoon on April 15 and 16, 2011, and the fall seminar was held on September 23 and 24, 2011 in Regina. Each seminar was attended by approximately 130 attendees. The Professional Practice Exam is offered twice a year and written a few weeks after each seminar. A total of 179 people wrote and passed the spring exam in 2011; 146 people wrote the fall exam, with only one candidate failing to pass.

Respectfully submitted,

Tim Heisler, P. Eng.
Chair

Legislative Liaison Committee

The Legislative Liaison Committee monitors demand-side legislation and proposed regulations to assess potential effects on the Association and its members related to the practice of engineering and geosciences in Saskatchewan.

Twelve new Bills were introduced at the spring sitting of the Legislative Assembly which commenced on March 7, 2011 and ended on May 19, 2011. Thirty-six new Bills were introduced at Session 1 of the 27th legislature which commenced on December 5, 2011 and concluded on December 15, 2011. A total of 48 Bills were monitored during the year. The 48 Bills that were monitored had no effect on the Association and its members related to the practice of engineering and geosciences in Saskatchewan.

Respectfully submitted,

Myron Herasymuik, P.Eng., FEC
Chair

Saskatchewan Construction Panel

The Saskatchewan Construction Panel is a forum for exchange of ideas between the public and private sectors of the construction industry. Topics such as construction research, industry activity, limitation of liability, provincial sales tax, fees and services, government tendering policy, consultant contracts and construction contracts are ongoing topics of discussion.

The panel arranges one-half day symposiums each year to provide a forum for the exchange of information on a range of construction topics. The Spring Symposium major topic was a presentation about the Saskatchewan budget and its implications for the construction industry.

In mid-year 2011, the Saskatchewan Construction Panel presented a report to the government with a number of recommendations. The report has been acknowledged but no direct response to the recommendations has been received. Key recommendations relate to standardization of construction documents (requests for proposals, consultant agreement, construction documents) and the western trade agreement.

Respectfully submitted,

Gordon Beck, P. Eng., FEC
Representative to the Saskatchewan
Construction Panel

Image and Identity Board

The Image and Identity Board is responsible for the public image and communications of APEGS. The board promotes the value of engineering and geoscience within the professions and to the public. These objectives are met by:

- informing APEGS members and the public about the Association and its activities;
- promoting and encouraging member participation in Association activities;
- raising the public profile of the professions;
- developing, coordinating and implementing programs and activities that benefit members;
- promoting equity-based participation in the professions;
- providing a channel for technical input and communication on public policy issues of concern to the professions; and
- developing policy related to board responsibilities.

The Image and Identity Board is chaired by the APEGS President-Elect and is comprised of the Chairs and liaison councillors from the five standing committees that report to the board. Details of the committee objectives and activities are well documented in the committee reports that follow. The following highlights deserve mention:

- acknowledgement of the worthy recipients of six APEGS awards which were presented at the Annual Meeting and congratulations to those members bestowed with the Fellow of Engineers Canada (FEC);
- a successful bid by the Equity and Diversity Committee to host the 2014 Canadian Coalition of Women in Engineering, Science, Trades and Technology (CCWESTT) conference;
- continued excellence in developing new ideas and themes for communication within *The Professional Edge*;
- a very successful inaugural Volunteer Appreciation Day organized by the Connection and Involvement Committee which brought together about 50 volunteers for a day of committee meetings and informal interaction at Mosaic Place in Moose Jaw;
- the retirement of our long-time communications consultant, Leslie Bell, and the transition to Martin Charlton Communications, who have brought a

wealth of new ideas to the fore. We wish Leslie all the best in her retirement and want to express our thanks for all of her contributions over the years; and

- the start of a revamp of the APEGS website.

With the change in communications consultants, the Communications and Public Relations Committee decided to keep the same theme for the 2012 billboard campaign during Engineering Month. The billboard campaign will once again highlight: Signed, Sealed, Safe; Innovation; Environmental Sustainability; Economic Growth; and Quality of Life, using one word with dynamic colours and graphics. The awareness campaign materials are being incorporated into the APEGS website.

Unfortunately, the board was not able to have a face-to-face meeting due to work schedules, but I can say that I felt a high level of trust and respect among the many volunteers who contribute to the Image and Identity Board and all of its committees. I have truly enjoyed the opportunity to work with this great group of volunteers. The board has been well served in 2011 by all the volunteer members who have generously contributed their time and talents.

The board also acknowledges the APEGS staff for their assistance in keeping the Image and Identity Board on track this year.

Respectfully submitted,

Leon C. Botham, P.Eng.
Chair

Awards Committee

The mandate of the Awards Committee is to pursue recognition for members' achievements by:

- Reviewing criteria of awards established by Council;
- Developing criteria for new awards to be recommended for establishment by Council;
- Searching for candidates, reviewing nominations and making recommendations to the Image and Identity Board for recipients of awards established by Council, annually;
- Searching for candidates and making recommendations to the Image and Identity Board for submission of nominations of members for local, provincial, national and international awards offered to engineers or geoscientists, when appropriate;
- Searching for candidates and making recommendations to the Image and Identity Board for submission of nominations of members for other awards as deemed appropriate by the Awards Committee, the Image and Identity Board or Council; and
- Searching for candidates and making recommendations to the Image and Identity Board for submission of nominations of members for Fellowship of Engineers Canada.

In 2011 the Awards Committee reviewed many excellent nominees for the six APEGS awards. Four individual recipients were chosen for their exemplary work in the areas of engineering/geoscience achievement, service to the professions and service to the community. Two outstanding projects delivered by teams of Saskatchewan engineers and geoscientists and one environmental project were recognized.

The six awards presented at the 2011 Annual Meeting were:

- Outstanding Achievement: John W. (Jack) Ritenburg, P. Eng.
- Promising Member: Bahodir (Bob) Youlyahshiev, P. Eng.
- Brian Eckel Distinguished Service: Karim Nasser, P. Eng.
- McCannel Service: Albert (Bert) Munro, P. Eng., FEC
- Exceptional Project: Sask Tel Wireless 4G Network and Cameco Cigar Lake Inflow Abatement

- Environmental Excellence: Pisim Project

Expenditures for the Awards Committee for the year were approximately \$1,000.

I would like to take this opportunity to thank the members of the Awards Committee for their work and guidance. Special appreciation goes to the APEGS staff members for their continued excellent support of the committee.

Respectfully submitted,

Debra Anderson, P.Eng., FEC
Chair

Connection and Involvement Committee

The primary function of the Connection and Involvement (C&I) Committee is to manage the planning and delivery of services for the benefit of APEGS members. Highlights for 2011 included the APEGS 81st Annual Meeting in Regina on May 6 and 7. The Annual Meeting theme was “Managing Change in Saskatchewan.” The Professional Development Day was scheduled for Friday and the annual business meeting was held on Saturday of that weekend. Approximately 400 members attended. The Annual Meeting is a platform to showcase to Saskatchewan the benefits that engineering and geoscience bring to society in maintaining and improving our quality of life, and how these professions contribute to a vibrant economic environment.

The committee has continued to take a more active role in the planning of the Annual Meeting. This year no fewer than five C&I members are part of the 2012 Annual Meeting Planning Committee. As Saskatchewan continues to weather the economic downturn that plagues much of the world, the theme of the 2012 Annual Meeting is quite appropriate – “Navigating the New Normal: Global Risks, Global Rewards.”

Although the Annual Meeting is the primary focus of the committee, this year C&I has been active on a number of other fronts. Renewed meetings with the constituent societies have raised a number of opportunities. C&I continues to work with the constituent societies with the intent to provide more comprehensive member contact information — within allowable legislation and privacy concerns — to these organizations. It also became apparent that the constituent societies with less than 250 members lack sufficient funds under the current APEGS grant formula to provide even basic organizational activities. The C&I and constituent societies are working on a joint proposal to change the grant formula. It is the intention to have the proposal to Council for 2013 budget considerations. C&I is interested in supporting other potential constituent societies to regain their functional status. Many of the regions that previously didn’t have the critical mass of members to operate a constituent society may now be in a better position to reconstitute their organization due to the increased engineering and geoscience activity throughout the province.

C&I participated in the fall Professional Development Day, both from a committee perspective and as presenters. The presentation focused on the opportunities and benefits of volunteering for APEGS and also touched on

duties and responsibilities of APEGS volunteers. APEGS has about 200 active volunteers. C&I, with staff support, manages the volunteer database that has nearly 400 members on the list. Please don’t be discouraged if you have volunteered (completed the form with your membership renewal) and have not been contacted. The turnover on the committees is designed to be low at about 50 people per year. If you are interested in volunteering for APEGS committees, you are encouraged to become more active in your local constituent societies. Positive contributions to your local society will serve you well when you get called to your APEGS committee of choice.

In 2011, C&I organized the first volunteer orientation session. The event was held at Mosaic Place in Moose Jaw and was well attended. C&I put on a presentation that outlined the APEGS committee and executive structures, provided information regarding protection granted to committee members while conducting APEGS business, and also discussed the commitments required of volunteers. If you are interested in volunteering for a committee, you are encouraged to talk to the committee Chair (list available on the website and in *The Professional Edge*) or members to get a better feel for the objectives of the committee and the time commitment expected of its members. C&I is currently planning for another volunteer orientation and committee meeting event for the fall of 2012.

C&I has been researching member benefits of our sister organizations. Members are encouraged to check the APEGS website for current member benefits and to contact C&I if there is an additional benefit or service you would like to see APEGS provide. Members continue to request that APEGS provide an annual salary survey. The salary survey results will be released at the 2012 Annual Meeting. APEGS is exploring how the salary survey can be used in a more national context.

Also on the survey side, C&I surveyed sister organizations regarding fees for their annual meetings and professional development opportunities. About half of the survey respondents indicated that their association charges a registration fee for their annual conference and that charges for professional development opportunities average \$350/day of workshop. Attendance at the APEGS Annual Meeting does not have a registration fee but APEGS staff indicate that there are a growing number of members who register for the Annual Meeting but do not attend. These “no-shows” cost the Association

Professional Edge Committee

several hundred dollars each in staff preparation time and meals that need to be ordered well in advance of the function. If you register for the Annual Meeting, please attend or inform APEGS staff if you are unable to attend.

The C&I Committee wishes to acknowledge the contributions of the current members and those who completed their terms in the past year. As well, the committee acknowledges the many volunteers and support of the APEGS office staff, who contribute to the success of the Annual Meeting, the volunteer orientation and the overall smooth operation of the committee.

Respectfully submitted,

Robert Schultz, P.Eng.
Chair

The Professional Edge provides the avenue that allows the Association to communicate with its members. This purpose is fulfilled by publishing a new edition of the magazine every two months. Each edition of *The Professional Edge* focuses on highlighting the activities and achievements of Association members.

The Professional Edge is still a printed magazine at its core. Technology has presented the opportunity for the content to be shared electronically but this remains only an enhancement of the core product. Advancements in the publishing industry have recently made it possible, without requiring any budget changes, for *The Professional Edge* to be a full-colour publication. By all accounts this has been received as a positive upgrade for the magazine.

The Professional Edge Committee strives to produce a publication with diversity and inclusiveness among its prevailing philosophies. Over the course of 2011, we have published multiple stories, with many different themes and content. The changing background and editorial theme for each edition has been a conscious choice on the committee's part to engage as many areas of interest as possible among our large membership. The purpose has been to include relevant material for every reader during our publishing year.

The Professional Edge Committee meets every second month to review the new roster of articles that will make up the next edition. Each edition is pinned together around a central theme, relating one unique aspect of engineering or geoscience while still containing the core pieces that reveal the larger picture of who makes up the Association and what they do.

The Professional Edge Committee wishes to thank all current and former committee members for their contributions. *The Professional Edge* is aided greatly, and made better, by the editorial skills of Martin Charlton Communications.

Respectfully submitted,

R. Grant Guenther, P.Eng., FEC
Chair

Communications and Public Relations

The Communication and Public Relations (CPR) Committee reports to the Image and Identity Board and works in partnership with other committees within APEGS to raise the awareness and profile of our professions and our Association with the general public, business, governments and politicians, APEGS members and other professional organizations.

Two major opportunities have been presented to the committee this year. The first occurred when our long-time communications consultant, Leslie Bell, announced that she would retire at the end of 2011. The CPR Committee was sad to lose her valuable support, but her retirement forced the committee to approach new firms and this led us to an exciting opportunity to partner with Martin Charlton Communications for our professional support. Several exciting changes have been implemented recently for the 2012 year, with more emphasis on marketing on the web and softening our commitment to the radio format.

The second major initiative we as a committee have been tasked with is the revamping of the APEGS website, with both the front and back ends being targeted for updating. The back end work will improve the productivity of the APEGS staff and the volunteer committees, while making it easier for engineers and geoscientists to interact with the Association. The front end design work will improve the layout and flow of the website to better serve the members, future members and the general public. We have selected Minasu to help with the back end work, which is expected to begin early in 2012.

The committee traditionally works on a two-year cycle, developing a multi-media campaign which primarily utilizes billboards, radio, web media and print media as a means of reaching our target audiences. Our multimedia campaign focuses on Engineering and Geoscience Week, with print media reinforcement throughout the year. The 2011 theme was again “Our Mission. Your Future.” Due to the items noted in the preceding paragraphs, the committee has decided to maintain the status quo for 2012 in order to be able to focus our attention on working with our new consultants and revamping the website.

The 2011 billboards highlight Signed, Sealed, Safe; Innovation; Environmental Sustainability; Economic Growth; and Quality of Life – each using one word to represent those themes and featuring bold colours and graphics. Subsequent radio and print media, including those for Engineering and Geoscience Week,

focus on the impact that engineering and geoscience have on the everyday life of Saskatchewan residents. The awareness campaign materials are being incorporated into the APEGS website and are also featured as advertising on the major newspapers’ online sites.

The committee has been well served in 2011 by all volunteer members who have generously contributed their time and talents. I extend a special thank you to our former committee members for their contributions. Finally, I would like to thank Leslie Bell, communications consultant, for her hard work over the years and wish her the best in her retirement.

I would also like to thank Lyle Hewitt and Mary-Lynn Charlton of Martin Charlton Communications for their enthusiasm and new ideas for our committee. Our APEGS staff liaison, Chris Wimmer, P.Eng., was a valuable asset to the committee, helping immensely with the transition between new Chairs, new consultants and new websites.

Respectfully submitted,

Andrew Lockwood, P.Eng.
Chair

Equity and Diversity Committee

The Equity and Diversity (E&D) Committee provides leadership for the Association on equity and diversity matters and fosters an understanding among all APEGS members of the role of equity and diversity in the engineering/geoscience professions and the importance of maintaining a respectful workplace. The Equity and Diversity Committee encompasses five equity groups: persons with disabilities, international graduates, visible minorities, Aboriginal persons and women.

This is the second full year for the committee and its focus was to provide guidance to other APEGS committees where appropriate and to find other groups/events that have similar purposes and provide support and develop partnerships.

E&D provided input in the planning of the Annual Meeting and the Professional Development Day. This resulted in two track sessions at the 2011 Annual Meeting with topics that were relevant to Aboriginal persons and international graduates. The committee also provided article ideas and interviews for *The Professional Edge*.

The committee was successful in assisting the Saskatchewan African Canadian Heritage Museum in finding a partner to erect their legacy project, “The Honouring Tree,” in Wascana Park. A special thanks to Stantec Consulting for volunteering their geotechnical and project management services for this project.

Habitat for Humanity held its first “Women’s Build” project in Regina. APEGS showed its support by attending fundraising events and providing volunteers for two days on the build.

The E&D Committee successfully pursued a bid for the 2014 Canadian Coalition of Women in Engineering, Science, Trades and Technology (CCWESTT) conference. Dr. Dena McMartin, P.Eng. agreed to chair the planning committee and represent APEGS on the CCWESTT national committee.

The committee supported and participated in many other events during 2011. Support is through donations and attending, planning, hosting and volunteering for events.

The E&D Committee provides APEGS representation on relevant Engineers Canada committees. The Engineers Canada Indigenous Peoples Outreach

Task Force disbanded in 2011 and a new group, focused on Aboriginals and women, was formed and is headed by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA).

A special thanks to all current and former committee members for their contributions in 2011. The committee would also like to recognize APEGS staff for their help.

Respectfully submitted,

Cheryl Robertson, P.Eng.
Chair

Education Board

The Education Board promotes science and mathematics education to students, teachers and administrators in the elementary and secondary school systems, and to the general public. The board also encourages member competence through professional development activities and promotes the profession to engineering and geoscience students and faculty at Saskatchewan's universities.

Following are the annual reports of the four standing committees of the Education Board and of the representatives on the University of Saskatchewan and University of Regina senates:

- Professional Development Committee (PDC);
- Kindergarten to Grade 12 Committee (K-12);
- Student Development Committee (SDC);
- Environment and Sustainability Committee;
- University of Saskatchewan Senate; and
- University of Regina Senate.

The PDC had an active year, providing professional development opportunities for members at the Annual Meeting in Regina in May and during a fall PD event in Saskatoon. Council at its November meeting encouraged the PDC to seek additional opportunities in the future for professional development of members. Topic areas could be quite diverse and could be delivered by the PDC or other service providers.

During 2011 the K-12 Committee has worked to develop outreach resources supporting the new math and science curriculum and to support Saskatchewan teachers and students. The committee has also been exploring opportunities to work with other industry partners in the advancement of math and science education.

The Student Development Committee provides grants to the four student societies in engineering and geoscience at the universities of Saskatchewan and Regina for their departmental events, particularly those that allow students to interact with professionals and for students' participation in various engineering and geosciences meetings and competitions. During 2011 the committee welcomed new Chair, Stephanie Campbell, Engineer-in-Training and Vice-Chair, Ashley Forbes, P.Eng.

The Environment and Sustainability Committee participated in Engineers Canada meetings of environment and sustainability officials. The committee was also active preparing responses regarding the Engineers Canada climate change course syllabus and climate change action plan.

APEGS Council has approved new funding of \$50,000 for scholarships to be awarded on an annual basis from the Education Board budget. A Scholarship/Bursary Subcommittee is being established under the direction of Co-Chairs Art Opseth, P.Eng., FEC and Kevin Hudson, P.Eng. to determine the number and types of scholarships or bursaries to be awarded.

The Education Board was well served in 2011 by the capable and enthusiastic volunteers who make up the board and its four constituent committees.

I would like to thank Patti Kindred, P.Eng., FEC, Director of Education and Compliance, and all members of the Education Board for their dedication and assistance throughout the year.

Respectfully submitted,

Dwayne Gelowitz, P.Eng., FEC
Chair

Professional Development Committee

The Professional Development Committee (PDC) promotes and encourages the professional growth and continuing education of all members of APEGS. The year 2011 represented a bit of a shift in focus for the PDC, with members taking a more active role in planning and delivering professional development opportunities for APEGS members. The APEGS Code of Ethics requires members to maintain competence and stay current in their chosen fields, and one of the objectives of the PDC is to assist in this undertaking by offering professional development opportunities.

Following our face-to-face meeting at the May 2011 Annual Meeting in Regina, the decision was made to plan and deliver another fall professional development (PD) session. A subcommittee was created, including members of PDC as well as members of three other APEGS committees, the Connection and Involvement Committee, the Environment and Sustainability Committee and the Equity and Diversity Committee.

The 2011 PD event was held on October 6 and 7 in Saskatoon with two sessions held on each of the days and a total attendance of 55 members plus 15 presenters and moderators. Plans are now under way for another PD session to be held in the fall of 2012 (location and date to be announced). As well, one of our members, Terry Werbovetski, P.Eng., has taken on the role of Chair of the PD session planning group for the 2012 Annual Meeting, and PDC is assisting with that in any way we can.

Respectfully submitted,

Doug Thomson, P.Eng.
Chair

Student Development Committee

In 2011, the Student Development Committee (SDC) welcomed a new Chair and Vice-Chair, Stephanie Campbell, Engineer-in-Training, and Ashley Forbes, P.Eng.

Each year APEGS provides financial support to engineering and geoscience groups and events at the university level. This consists of grants and sponsorships. Grants are awarded to representative student groups based on enrolment, while sponsorships are distributed based on the merit of each event. The framework for sponsorship allocation is loosely defined, with room for improvement. To this cause a subcommittee is in the works to develop a ranking rubric. Volunteers for the subcommittee were recruited in 2011, with meetings to start early in 2012.

Through the grants and sponsorships provided to university students, APEGS supported many events. In Regina, the SAE Baja team travelled to Peoria, Illinois for competition, placing 74th out of 115 teams. Their best event was the rock crawl where they scored 27th. The Saskatoon Engineering Students' Society hosted the Western Engineering Competition, a regional event where students compete in areas of design, communication, innovation and debate. Both engineering schools sent delegates to the Canadian Federation of Engineering Students Congress and to the Engineers Without Borders Conference. The geology societies attended the Western Inter-University Geology Conference and were also busy with equipment enhancements, social mixers and dinners.

Another contribution the SDC makes to students is through book awards which are given to the most distinguished student in the third year of each discipline and engineering entry students with the highest grade 12 mark. The 2011 winners are:

University of Saskatchewan College of Engineering

Student with the highest grade 12 marks registered in first year:

Carlin Renouf

Most distinguished student at the end of third year:

Agricultural and Bioresource: Brittany Thoms

Chemical: Victoria Stuart

Civil: Stephen Glum

K-12 Committee

Computer: Brett Hysuik
Electrical: Jason Pannell
Engineering Physics: Matthew Wessel
Environmental: Ashley Kirkpatrick
Geological: Myles Zimmer
Mechanical: Justin Gerspacher

University of Saskatchewan Geosciences

Most distinguished students at the end of third year:
Geology: Andrew May
Geophysics: Christine Shiels

University of Regina Faculty of Engineering

Student with the highest grade 12 average registered in first year:
Christopher Chmielewski

Student with the highest average for semester 6 & 7:

Electronic Systems: Lu He
Environmental Systems: Ye Zhou
Industrial Systems: Mark Selzer
Petroleum Systems: Souheil Elmabrouk
Software Systems: Michael Charleson

University of Regina – Geosciences

Most distinguished student at the end of third year:
Maria Brandt

The K-12 Committee is in a state of renewal, with several new members joining the committee in 2011 and bringing with them fresh perspectives and energy. Similarly, exciting changes are taking place within the K-12 math and science curriculum in Saskatchewan.

The renewed curriculum reflects current educational research, updated technology and recently developed resources, and is responsive to changing demographics within the province. Three broad areas of learning are at the core of the renewed curriculum: developing lifelong learners, developing a sense of self and community, and developing engaged citizens.

As students explore connections between science, technology, society and the environment, they experience opportunities to contribute positively to the environmental, economic and social sustainability of local and global communities. Similarly, a strong science program recognizes that modern science is not the only form of empirical knowledge about nature and aims to broaden student understanding of traditional and local knowledge systems.

The K-12 Committee is working to develop outreach resources aligned with the renewed math and science curriculum in order to support Saskatchewan K-12 teachers and students in their learning outcomes. Outreach resources include a particular emphasis on reaching First Nations and Métis students across the province. The committee is also working to update our website with the addition of new social media tools to reach teachers and students in the most effective way possible.

Respectfully submitted,

Kevin Hudson, P.Eng.
Chair

Respectfully submitted,

Stephanie Campbell, Engineer-In-Training
Chair

Environment and Sustainability Committee

The role of the Environment and Sustainability (ES) Committee is to:

- monitor environmental trends and issues which may impact on APEGS and its members, and recommend responses and actions;
- promote environmental considerations in APEGS activities and member actions;
- function as a liaison for APEGS with Engineers Canada environmental initiatives, environmental groups within the APEGS professions and other professions; and
- support activities of the Education Board by developing and sponsoring environmental-based professional development activities.

The committee met five times in 2011 and carried out the following activities:

- Participated in Engineers Canada teleconferences of environment and sustainability officials.
- Prepared material for inclusion in *The Professional Edge* to update members on environmental information, including an update on the development of the Ministry of Environment results-based regulatory initiative.
- Recruited five new committee members: Kurtis Doney, P.Eng., Monty Russell, P.Eng., Mark Sax, P.Eng., Craig Twardzik, P.Eng. and Lin Wang, P.Eng.
- Prepared constituent association responses for APEGS regarding Engineers Canada climate change course syllabus and climate change action plan proposals.
- Participated in K-12 Committee meetings to discuss the ES Committee's involvement and support in curriculum planning.
- Participated in APEGS volunteer day held in Moose Jaw in October.
- Committee member Dongmei Fang, P.Eng. participated with the Professional Development Committee in organizing Professional Development Days in Saskatoon in October.
- Committee member Yafei Hu, P.Eng. represented ES on the 2011 APEGS Annual Meeting Planning Committee.

Respectfully submitted,

Wes Kotyk, P.Eng., Chair

University of Saskatchewan Senate

This is my first annual report as your representative to the University of Saskatchewan Senate. I have the opportunity to follow Margaret Kuzyk, P. Eng., FEC, who has done a wonderful job representing us for the past six years. Margaret has been very helpful in the transition and I wish to thank her for a fantastic job.

I was amazed at the amount of planning, development and renewal that is ongoing at the University of Saskatchewan. At the first meeting I attended, there was a presentation on capital development and all the projects in the planning and building stages. They are also in the process of their detailed planning cycle, working on the third integrated plan. A draft of this plan was to be ready in late January 2012.

President Peter MacKinnon is stepping down on June 30, 2012. The Board of Governors has announced that Ilene Busch-Vishniac has been appointed as the university's ninth president, commencing July 1, 2012. The search for a replacement for College of Engineering Dean Janusz Kozinski, P.Eng. is still ongoing. Dr. Ernie Barber, P.Eng. is doing a fine job as the interim dean.

Respectfully submitted,

Rick Forbes, P. Eng., FEC
Representative on the University of
Saskatchewan Senate

University of Regina Senate

I am pleased to report that Dr. David deMontigny, P.Eng. has been appointed to the position of Associate Dean, replacing Dr. Luigi Benedicenti, P.Eng. who is now Associate Vice-President Academic. Dr. deMontigny is handling transfer credits and will be taking a lead role in preparing for the next accreditation.

The Faculty of Engineering has applied to the Canadian Engineering Accreditation Board to have all programs accredited in 2012 and has now started the procedures to make sure that all items of concern from the last visit have been cleared up. The accreditation visit will likely be in the fall of 2012. At the same time, the faculty has started to look at using outcomes assessment on a number of courses. This will likely take a lot of work in order to determine how to measure and document the procedures. Some universities have already started to work on this. Dr. deMontigny will be going to a meeting of the National Council of Deans of Engineering and Applied Science (NCDEAS) this fall and hopes to find out more about how to do the assessments.

At least one engineering class is now using an online textbook and some have also started to use online quizzes. The faculty will have to look at the online quizzes and possibly set up some rules for their use.

Enrolment across the university is up this fall in all categories with about 11,400 undergraduate students. There are about 800 undergraduate engineering students. Petroleum Systems Engineering is now the largest engineering program and the next largest is Environmental Systems Engineering. Graduate student numbers are also up to about 1,570, and of these about 300 are in engineering.

Meetings between APEGS, the Dean of Engineering and Applied Science, the Dean of Science and the department head for geology are proving to be very useful and a good way to help with communications between the groups.

In 2011 there were 1,714 degrees awarded, and of these, 106 were engineering degrees. There were 233 graduate degrees awarded, of which 42 were in engineering.

Respectfully submitted,

Art Opseth, P.Eng., FEC
Representative on the University of Regina Senate

Engineers Canada

Engineers Canada is the national organization of the 12 provincial and territorial associations (including APEGS) that regulate the practice of professional engineering in Canada and license the country's more than 234,000 members of the engineering profession. It serves its member associations by delivering national programs that ensure the highest standards of engineering education, professional qualifications and professional practice.

The Canadian Engineering Accreditation Board (CEAB), a standing committee of Engineers Canada, is responsible for the accreditation of Canadian engineering programs at academic institutions for the use of the provincial and territorial regulatory bodies in the engineering licensure process. The introduction of the graduate attributes presents a major rethinking of the accreditation process, the assessment of engineering programs, and ultimately the way programs are delivered and the learning opportunities they offer. Programs are now to be accredited not only on their input in terms of material taught, but also on their output in terms of the attributes possessed by the graduates.

The process also gives a tremendous opportunity to engineering schools to continually renew and enhance their programs and adopt best practices. The CEAB stipulates three essential elements:

- Engineering programs are expected to continually improve.
- There must be processes to demonstrate that program outcomes are being assessed in the context of the attributes.
- The results of the assessment are applied to the further development of the program.

In May 2009 the assembly of members of Engineers Canada, with the support of the board, requested that the chief executive officers group undertake the development of the Canadian Framework for Licensure. The Framework is a dynamic model to assist all Canadian engineering regulatory associations to enhance their ability to regulate the practice of professional engineering in order that the public interest is better served and protected. It will develop foundational documents to help Canadian engineering regulatory associations improve their legislative framework to enhance equity,

Geoscientists Canada

consistency, fairness and timeliness of services. These changes will result in enhanced national and international mobility through uniform qualifications recognition, admissions and discipline and enforcement procedures.

The Framework focuses on the essential elements of the regulated engineering profession in Canada and develops key considerations and supporting language for each one. These elements will form a national framework which is available for the engineering regulatory associations to amend legislation or make changes to bylaws or regulations.

As part of strategic planning from 2009 to 2010, an Engineers Canada task force explored ways to better serve its constituent associations. As a result of the task force recommendations, Engineers Canada now has a renewed governance model and mandate, and updated bylaws to reflect these changes.

In February 2011 the Engineers Canada board focused on financial sustainability and further strategic business planning for the organization. The updated 2011-2016 strategic and business plans were submitted to and approved by the board and the constituent associations at Engineers Canada's October meeting.

I am gratified at the chance to have worked with and met some interesting people along the way. Thank you for allowing me the privilege of representing APEGS at the national level for the past six years.

Respectfully submitted,

Ken From, P.Eng., FEC
Director, Engineers Canada

I am delighted to have the privilege and the opportunity to represent APEGS as their director to Geoscientists Canada (GC). This year, 2011, was the second in my three-year term as GC Director. This report summarizes the activity of Geoscientists Canada during 2011.

The Canadian Council of Professional Geoscientists has adopted the name "Geoscientists Canada" for business and operational purposes. The legal name of the organization remains unchanged.

Geoscientists Canada is a national council of self-governing professional associations (constituent associations) that regulate the profession of geoscience in each of the jurisdictions in Canada. Geoscientists Canada does not license individual geoscientists. Individuals must become licensed with the appropriate constituent association (regulator) in each of the provinces or territories in which they intend to practise.

The mission of Geoscientists Canada is to develop consistent, high standards for licensure and practice of geoscience, facilitate national and international mobility and promote the recognition of Canadian Professional Geoscientists.

Geoscientists Canada exists to provide national leadership in Canadian professional geoscience, and to represent Canadian professional geoscience nationally and internationally. Several important initiatives regarding the practice of professional geoscience have progressed during 2011.

Geoscientists Canada (involving all 10 geoscience professional associations) continues to support the work of the Canadian Geoscience Standards Board in preparation of a Framework for Assessment in the Licensing of Professional Geoscientists in Canada.

Co-operation agreements with Italy and Spain have recently been developed.

Licensure compliance and the awareness that geoscience practitioners must be registered in all jurisdictions where they work continues to be an important issue. Recognition of this requirement continues to be an issue across Canada. In Saskatchewan, practising geoscientists are required to register with APEGS. The designation "P.Geo." may only be used by geoscientists who are licensed members in good standing with APEGS.

In 2011 Geoscience Canada assembled the Incidental Practice Task Force. This team was directed to determine the definition of geoscience practice in Canada, determine what is incidental practice as well as what would be

required to regulate such practice. The intention was to determine how incidental practice would affect the various constituent associations, which were surveyed to assemble relevant data. The results of the survey and the recommendations of the task group will be presented to the board members at the annual meeting in June 2012.

Canada hosted the 4th International Professional Geology Conference (4IPGC) in January 2012. This is a major international geological conference drawing professionals from around the world.

The GC board of directors will meet for the annual general meeting on June 8, 2012 in Niagara-on-the-Lake, Ontario.

Thank you for the opportunity to represent APEGS and my profession to this important council. I hope to continue to serve GC on behalf of APEGS and welcome input from members.

Respectfully submitted,

Sandra Jean Foster, P.Geo.
Geoscientists Canada Director

On behalf of faculty, staff and students of the College of Engineering at the University of Saskatchewan, I am pleased to report on the activities and progress of the college during 2011.

Undergraduate Programs

As of September 2011, there were 1,641 students enrolled in the college's undergraduate programs, including 1,455 full-time students. This is an increase of 37 students (2.25 per cent) over the fall 2010 enrolment of 1,604 students. First year enrolment went up to 498 from 475 in 2010.

In the second year, Mechanical Engineering is the largest program with 92 students. The Engineering Professional Internship Program (EPIP) remained popular, with 133 students and 34 graduates in 2011. The Engineering Entrepreneurship option had 19 students enrolled, and 32 students were enrolled in the Professional Communication option. These options consist of an additional 18 credit units or more that give the students the opportunity to complement their engineering degree.

There were a total of 324 female students (19.7 per cent) enrolled in the undergraduate programs in 2011. This is a modest increase of 8 per cent or 24 students compared to 2010. The breakdown of female enrolment in individual disciplines can be seen in the above table; the strongest female ratio is in Environmental Engineering, where women comprise 50 per cent of a small student population. Female enrolment is also strong in Agricultural & Bioresource Engineering (35 per cent), Chemical Engineering (29 per cent) and Geological Engineering.

The minimum admission grade in 2011 was 78 per cent, and the average grade of the students admitted in the first year was 89.5 per cent. A total of 251 students received their B.Eng. degrees at the spring and fall convocation ceremonies in 2011, less than a 1 per cent decrease from 2010. All nine programs are currently accredited by the Canadian Engineering Accreditation Board (CEAB).

Graduate Programs

433 full-time postgraduate students were registered at the college in the fall of 2011 in the six different disciplines that offer graduate programs. Enrolments by discipline and program as well as the number of graduate

STUDENT ENROLMENT BY DISCIPLINE AND YEAR (FALL 2011)

DISCIPLINE	TOTAL BY DISCIPLINE		SECOND YEAR		THIRD YEAR		FOURTH YEAR		GRADUATING STUDENTS
	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	SPRING & FALL 2011
Ag & Bioresource	23	8	-	-	10	4	13	4	14
Biological	13	1	13	1	-	-	-	-	-
Chemical	217	63	68	20	74	15	75	28	41
Civil	224	47	73	10	85	22	66	15	64
Computer	48	2	16	0	17	2	15	0	8
Electrical	123	23	44	8	54	10	25	5	20
Engineering Physics	62	6	24	3	20	2	18	1	12
Environmental	52	26	13	4	20	11	19	11	4
Geological	89	24	24	8	31	10	34	6	18
Mechanical	292	31	92	5	97	17	103	9	70
Common First Year	498	93	-	-	-	-	-	-	-
TOTAL	1641	324	367	59	408	93	368	79	251

degrees awarded in 2011 are listed in the table below. Female graduate student enrolment increased from 99 students in 2009-10 to 123 female students for the 2010-11 academic year. The divisions of Environmental Engineering and Biomedical Engineering together accounted for 63 of the new graduate student population.

77 graduate degrees were awarded in 2011, including 21 at the doctoral level. There were 433 graduate students as of October 2011 of which 153 (35.3 per cent) were Ph.D. students. Females make up 26.8 per cent of the graduate student population in the college.

Research

Research at the College of Engineering continues to thrive. The departments in our college, including the Department of Physics and Engineering Physics, are all enthusiastically engaged in research. The College of Engineering maintains a strong emphasis on research performance and the training of graduate students and research personnel.

A total of 501 scientific articles

DISCIPLINE	STUDENT ENROLMENT BY PROGRAM (2010-11)				FEMALE GRADUATE STUDENT ENROLMENT (2010-11)	GRADUATE DEGRESS BY PROGRAM (2010-11)			
	PH.D.	M.SC.	M.ENG.	PGD		PH.D.	M.SC.	M.ENG.	PGD
Biomedical	21	28	3	0	23	1	7	0	0
Chemical and Biological	31	54	3	2	30	6	14	2	0
Civil & Geological	14	59	9	0	29	8	1	1	0
Environmental	3	1	4	1	0	0	0	0	0
Electrical and Computer	37	55	11	1	20	3	21	0	0
Mechanical	47	41	5	2	14	3	8	2	0
TOTAL	153	238	35	6	116	21	51	5	0

were published in the college. Faculty in Physics and Engineering Physics and their 58 graduate students published another 207 scientific journal papers.

Research funding to the constituent departments was over \$9.2M, which was augmented by an additional \$3.2M from the Physics and Engineering Physics Department and our two divisions. Interested readers are invited to consult the college 2010-2011 Research Report for more information.

Collaborative research and the many synergies it offers has always been a cornerstone of research in the College of Engineering. This year was no exception. For example, 127 of our graduate students were co-supervised. These research projects involved close collaboration with 43 major industrial sponsors and industry partners.

Outreach and Engagement

In 2011, SCI-FI Science Camps once again experienced growth. We offered 101 camps in Saskatoon, 18 in rural communities and 14 in the mid-to-far north. A total of 2,090 children and youth attended these camps. Our primary focus remains engineering, with 98 of our camps teaching basic engineering skills and closely related topics such as computer science, robotics and space engineering. The remaining camps were in areas of general science, veterinary science and medicine.

We travelled to 569 school classrooms in May and June to deliver workshops, reaching 13,137 children in 47 communities in the northern two-thirds of Saskatchewan. Our winter Science Club program has had a record year, with a total of 293 registrations over two terms. We are very proud to say that our club program for girls has doubled in registrations this year and 43 per cent of the total club members are girls! We also hosted a Discover Engineering Conference for grade 8 girls in November, which attracted 71 girls from Saskatoon, some rural communities and some northern communities.

In 2011, Cameco Access Program for Engineering & Science (CAPES) provided northern Saskatchewan youth with exciting hands-on learning experiences both on campus and in school. CAPES was proud to be a part of 3,2,1 Blast Off!, the first annual science exploration conference for northern students hosted by Northern Administrative Students Association.

The College of Engineering, through CAPES, continues building bridges to discovery with northern Saskatchewan teachers, students and communities

by facilitating professional development opportunities for teachers, classroom visits, college and campus tours, and through collaboration on unique projects.

College Personnel

There is a total community of 2,214 members (faculty (83), staff (57), graduate students (433), undergraduate students (1,641)) who study and work within the College of Engineering. There are currently 93 academic positions in the college, including five Canada Research Chairs and five endowed Chairs. There also are 64 non-academic employees within the college who continue to contribute to the overall success of the students and faculty.

The exceptional commitment of our faculty, staff and students allows the College of Engineering at the University of Saskatchewan to continue to achieve great success in our initiatives. Our commitment to undergraduate and graduate education as well as research and community involvement sets us apart as an organization. We continue to develop these strengths through our community and professional relationships, both as a college and a university.

Please mark your calendar for the 100th Anniversary of the College of Engineering at the University of Saskatchewan from September 20 to 23, 2012. If you are interested in volunteering to be a class representative for your graduating year and discipline, please email Lynn Danbrook at lynn.danbrook@usask.ca or call Lynn at 966-1731.

Please visit our website (<http://www.engr.usask.ca/>) for more information on the College of Engineering's endeavours and successes.

Respectfully submitted,

Ernie Barber, Ph.D. P.Eng.
Dean of Engineering

Department of Geological Sciences, University of Saskatchewan

The Department of Geological Sciences offers three undergraduate B.Sc. degree programs (geology, geophysics, environmental earth sciences) which meet the academic requirements for professional registration as a geoscientist. We also offer M.Sc. and Ph.D. graduate programs. Our first and second year classes are in demand by students from other programs and colleges, especially Geological Engineering. The number of undergraduate students who have designated one of the geosciences as their major is now at least 143 (124 geology, 19 geophysics) with additional students in the paleobiology and environmental earth science programs. There are currently 48 students enrolled in graduate programs (26 M.Sc. and 22 Ph.D.). Most courses, especially second year, remain at or above capacity and it is difficult to increase the number of sections or labs given our faculty complement and space availability. Field schools in particular represent a bottleneck for students as enrolment is capped at about 20 students to ensure that a quality experience is provided. We are currently looking at other options for students to get the field school experience required for their degrees and professional registration.

Forty-one undergraduate, two Ph.D. and one M.Sc. students graduated in 2011. Britni Brenna (Honours in geology) was the recipient of the APEGS Gold Medal in Geosciences. She has been working as a geologist this year and will return for graduate studies in September 2012.

There are eight post-doctoral fellows in residence and visiting scientists from Canada, the United States, Argentina and Finland have spent time in the department working on research projects with faculty.

The department maintains strong research programs covering a broad spectrum of the geosciences, including geophysics, environmental geochemistry, climate change, isotope geochemistry, sedimentology, stratigraphy and mineral deposits. Funding is significant and comes from a variety of sources, including Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery, Collaborative Research and International Polar Year grants, Canada Foundation for Innovation, National Science Foundation, Canadian Foundation for Climate and Atmospheric Sciences, European Science Foundation, Social Sciences and Humanities Research Council of Canada (SSHRC), Saskatchewan Energy and Resources, and industry. Synchrotron-based research on metals in the environment,

performed by two Canada Research Chairs in the department, Graham George and Ingrid Pickering, is also funded by health research funding agencies in Canada and the US.

The following members of the department have been involved in APEGS activities: Dr. Kevin Ansdell, P.Geo., FEC(Hon.) with the Academic Review Committee; Dr. Jim Merriam, P.Geo., with the Student Development Committee; and Scott Elmer, Peter Kiryakos and Rachel Krahn as student representatives on the Student Development Committee. Finally, we are pleased that Steve Halabura, P.Geo., FEC(Hon.) a past president of APEGS, was able to teach part of our senior petroleum geology class.

Dr. Kyle Larson, who joined the department two years ago, has resigned as of June 2012. Kyle has been a valuable member of the department and we are sorry to lose him. We will be advertising for his replacement in the coming year. We are currently advertising for an assistant professor position in geochemistry. This is a new position which we expect to fill by July 2012. Looking forward, a major endowment by the family of the late Murray Pyke has established the Murray Pyke Chair in Geological Sciences. Murray was a distinguished alumnus of the department, B.A. 1956, M.A. geology 1958, who enjoyed a very successful career in the Northwest Territories and Alberta. We will be advertising to fill this position by July 2013.

Respectfully submitted,

Jim Merriam, P.Geo., Ph.D.
Professor and Head

Faculty of Engineering and Applied Science, University of Regina

Introduction

The past year was a very successful one for the Faculty of Engineering and Applied Science at the University of Regina. Our enrolment numbers have remained high at all levels, and our student groups had a particularly successful year. We celebrated the University of Regina centennial with a number of events, primarily with our Regina Engineering Students' Society hosting its annual Year 1 – 4 reception (where first year students have an opportunity to meet with senior students, staff, faculty and members of industry) in association with the U of R Homecoming. Research remains strong, and we look forward to continued growth in all areas in 2012. Of course, the major focus for 2012 will be accreditation, as all five of our programs will undergo the accreditation process this year.

Enrolment

In terms of enrolment, our first year numbers were at 270 as of the fourth week of the 2011 fall semester. Overall, total undergraduate enrolment equalled 833 students, a record number for the faculty! The total number of degrees awarded in 2011 was 115. (See the table below for details on undergraduate enrolment and degrees conferred, specifically with respect to female student numbers.) Our graduate student numbers have remained consistent, with 269 in total enrolled in graduate programs in 2011 and 42 degrees conferred. (See the table at the end of the report for more details on graduate student numbers.) Our full-time Ph.D. program is the largest on the U of R campus as of winter 2012.

We expect continued growth in terms of student numbers in both undergraduate and graduate programs. Numbers are particularly strong in our Environmental, Industrial, and Petroleum programs, and the Environmental and Petroleum programs are approaching maximum capacity.

Student Activities and Student and Faculty Outreach

Our student groups have been achieving great successes. The newly re-envisioned SAE (Society of Automotive Engineers) team had a very successful year, finishing 74th out of 115 overall and 27th in the rock crawl event at the 2011 SAE Baja competition in Peoria, Illinois -- a tremendous success for the Cougar racing team's first time out since 2001. The team is busy working on

their racer for 2012 (see www.cougar-racing.com for more details). The U of R's Engineers Without Borders (EWB) chapter also achieved some accolades, receiving national recognition as Canada's "most improved chapter" at the Kumvana Conference in Toronto, which is Canada's largest development conference and which marked EWB's 10th anniversary as a development organization.

Our Educating Youth in Engineering and Science (EYES) program received the Actua and GE Canada Award for Leadership and Innovation, which recognizes member organizations that have exemplified the Actua spirit of innovation. And, once again, our Canstruction team had a very successful year in 2011. Their structure, "Cancun Bunny," received awards for best use of labels and Honourable Mention for judges' choice. They also donated 5,000 cans of chicken, ham and tuna to the Regina and District Food Bank. The team has been busy this fall fundraising and drafting their design for the 2012 Canstruction competition. Finally, our "What is Engineering?" event in the fall, held jointly with the University of Saskatchewan and APEGS, had a very good turnout, with over 220 high school students, parents and guidance counsellors in attendance on the U of R campus. The event hosted at the U of S had a tremendous turnout as well.

Research Highlights

Research remained strong this year. The following projects are just some of the highlights:

Feed-Flexible, Process-Flexible Hydrogen Production Pilot Plant. Led by Dr. Raphael Idem, P.Eng. This project received \$2.7 million in funding from the provincial and federal governments through the Saskatchewan Western Economic Partnership Agreement (WEPA) to construct a hydrogen production pilot plant to be housed in the university's Greenhouse Gas Technology Centre. The plant will enable testing of a new catalyst technology developed by Dr. Idem's research group that will enable hydrogen production from multiple feedstocks without disrupting plant operations. This represents a major key in smaller scale hydrogen production that would enable hydrogen to become the main fuel source for providing power and transportation fuel to smaller communities and even building complexes such as airports and hospitals. (For information, visit www.urengineering.ca/research/hydrogen.)

MAJOR (FALL 2011) UNDERGRADUATE STUDENTS BY MAJOR & GENDER

	TOTAL BY MAJOR	DEGREES AWARDED		
		TOTAL	FEMALE	FEMALE (%)
Undeclared	3	1	33.3	-
Electronic Systems Eng.	91	10	11.0	16
Environmental Systems Eng.	147	62	42.2	34
Industrial Systems Eng.	140	16	11.4	28
Petroleum Systems Eng.	139	18	12.9	24
Software Systems Eng.	43	10	23.3	13
Common First Year	270	42	15.6	-
Grand Total	833	159	19.1	115

TransitLive. TransitLive is a real-time tracking system that allows Internet users access to a website that tells them exactly where all of the transit buses are in real time. The site is available to computers, smart phones and tablets. This means that riders know exactly when the next city bus will be arriving at their stop. In addition, the TransitLive configuration has a voice and text message option; when you enter a stop number, it tells you when the next three buses will arrive at the stop. Text alerts can also be set up so that the system will text you when your bus is four minutes away from your stop. A pilot field trial with 22 buses (about 20 per cent of the City of Regina bus fleet) ran from May 1, 2011 to August 31, 2011. In September, the city decided to expand TransitLive to 105 buses, representing 99 per cent of Regina's bus fleet. The full system trial is now running from January 1 to December 31, 2012. TransitLive was developed by Drs. Raman Paranjape, P.Eng., Luigi Benedicenti, P.Eng. and

MAJOR GRADUATE STUDENTS BY MAJOR AND GENDER (FALL 2011)

	TOTAL BY PROGRAM (M.A.SC, M.ENG., PH.D.), MAJOR & GENDER									GRAND TOTALS BY PROGRAM MAJOR & GENDER			DEGREES AWARDED (SPRING & FALL 2011)		
	M.A.Sc			M.ENG.			PH.D.			TOTAL	FEMALE	% FEMALE	M.A.SC.	M.ENG.	PH.D.
	TOTAL	F.	F(%)	TOTAL	F.	F(%)	TOTAL	F	F(%)						
Engineering	0	0	0	0	0	0	11	1	9.1	11	1	9.1	0	0	3
Elec. Systems Eng.	14	4	28.6	19	1	5.3	5	2	40.0	38	7	18.4	5	2	1
Enviro. Systems Eng.	30	12	40.0	18	6	33.3	26	8	30.8	74	26	35.1	5	1	4
Interdisciplinary	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Industrial Systems Eng.	24	4	16.7	15	1	6.7	14	2	14.3	53	7	13.2	5	3	1
Petroleum Systems Eng.	27	6	22.2	5	1	20.0	18	4	22.2	50	11	22.0	4	1	1
Process Systems Eng.	17	5	29.4	1	0	0	0	0	0	18	5	27.8	2	0	0
Software Systems Eng.	12	4	33.3	12	2	16.7	0	0	0	24	6	25.0	1	1	0
Adv. Mfg. Processing	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0
Grand Total	124	35	28.2	70	11	15.7	75	17	22.7	269	63	23.4	24	8	10

Craig Gelowitz, P.Eng. (More information on TransitLive can be found at www.transitlive.com.) The team also received the 2011 Award of Innovation sponsored by Innovation Place Regina and the 2010 Exceptional Engineering/Geoscience Project Award from APEGS.

These are just a couple of highlights of some of the research successes achieved by the faculty in 2011. More information on current research projects and programs can be found at www.urengineering.ca/research.

Faculty and Staff Changes

There were a number of faculty and staff changes in 2011. In the general office, we are joined by Robyn Fahlman and Milena Ehr, and two new faculty members have joined our team. Dr. Craig Gelowitz joins as Assistant Professor in Software Systems Engineering and Dr. Mohamed Ismail as Assistant Professor in Industrial Systems Engineering. Dr. Luigi Benedicenti, who served as Associate Dean of Special Projects, is now Assistant Vice-President (Academic) at the U of R, and Dr. David deMontigny, P.Eng. has been appointed as Associate Dean of Special Projects and Student Services. Dr. Ron Palmer, P.Eng. has retired from Electronics Systems Engineering after 29 years of service, and Ed Perry has retired from the U of R Library after 43 years of service to the university, 36 of which were spent as the engineering librarian within the library. Charles Phelps has now taken on that role. And finally, it is with great sadness that I note the passing of Professor Ken Runtz, P.Eng. Prof. Runtz served the faculty for more than 20 years, many of them as Program Chair for Electronic Systems Engineering. He is greatly missed.

Thus, though we have had some sad losses this year, we welcome the enthusiasm brought by our new faculty and staff members and look forward to another year of growth and accomplishment.

Respectfully submitted,

Paitoon Tontiwachwuthikul, Ph.D., P.Eng.
Dean of Engineering and Applied Science

Faculty and students

The department had seven full-time faculty members and two full-time and one part-time laboratory instructors. The daily operation of the department was administered by two full-time administrative and technical staff. Our 10 adjunct professors played an important role in undergraduate teaching and provided supervision for both undergraduate and graduate thesis projects.

Dr. Stephen Bend, P.Geo. was the recipient of the prestigious U of R Alumni Award for Excellence in Teaching in 2011. This award is the highest recognition of Dr. Bend's abilities as a teacher, instructor and supervisor. We offer our warmest congratulations to Dr. Bend for this well-deserved award.

Dr. Ian Coulson was promoted to the rank of full professor in 2011. The department welcomed Mr. Tim Tokaryk, P.Geo. as an adjunct professor for a three-year term and said goodbye to Ms. Evanna Simpson who retired following 31 years of service as a geology laboratory instructor.

At the end of 2010, we had 129 declared geology undergraduate majors, which was an 11.2 per cent increase from 116 in 2009. This number does not, however, include students who are in the process of changing their major to geology or students in the joint geology/geography program. As indicated in the following table, the unrivalled growth in the number of undergraduate majors continued from 36 undergraduates in 2003 to 129 in 2011. This is a 358 per cent increase in the last eight years! Almost all of our courses were at capacity or overloaded.

Throughout the year, the department had 13 M.Sc. students, four Ph.D. students, one post-doctoral fellow, four visiting Ph.D. students, and one visiting scholar to work with departmental faculty members on a variety of research projects.

Undergraduate and Graduate Programs

The department offers B.Sc., B.Sc. with Co-op designation, M.Sc. and Ph.D. degree programs. Almost all of our undergraduate courses were at capacity or overloaded. All undergraduate students who completed our geology program are eligible to apply for professional accreditation with the Association of Professional Engineers and Geoscientists of Saskatchewan. Throughout the year 2011, the department continued conducting a geology

academic program review as a part of the university's academic programming evaluation.

The department offered a co-op program for the first time in 2011. There are two third year undergraduate students partaking in this at the end of the year, with three additional students enrolled for 2012. One-year, course-based M.Sc. programs in petroleum geology and minerals and mining exploration have been in the process of completion and formalization.

Two geoscience field courses to Eastend and Dinosaur Provincial Park in Alberta and to Flin Flon in Manitoba for our third and fourth year students majoring in geology were successfully organized in the summer and at the beginning of the fall respectively. These field courses are required for the majors program. As well, individual courses have continuously offered field trips to sites including the SER Petroleum Research Lab, Subsurface Geological Laboratory, T.C. Douglas Building and the Royal Saskatchewan Museum. Moreover, four geology undergraduate students represented the university in general and the Department of Geology in particular to attend a student exchange program with the Oil and Gas University of Ivano-Frankivsk in Ukraine in May 2011. This program is sponsored by the Office of Energy and the Environment at the University of Regina.

Research

The Department of Geology's research carried on the university's strategic theme of "Energy and Environment," encompassing energy, environment, geomatics and resource exploration and development. It also continues to build upon its strengths in petroleum and mineral resources as well as interests in environmental geoscience. The department's research has expanded beyond Saskatchewan to national and international activities.

In 2011 three faculty members and one adjunct professor in the department collectively held four Natural Science and Engineering Research Council of Canada (NSERC) Discovery grants (Chi, Coulson, Normand, Qing,), four grants from the Petroleum Technology Research Institute (Bend, Chi, Qing) and three grants from Saskatchewan Energy and Resources (Chi, Qing).

During the year, the department organized 10 research seminars that were presented by distinguished researchers from government agencies, industry

and other academic institutions, as well as student and faculty members from the department. In addition, the department invited five distinguished lecturers, three from the Canadian Society of Exploration Geophysicists (CSEG), one from Howard Street Robinson and one from the Canadian Institute of Mining and Metallurgy (co-sponsored by the Saskatchewan Geological Society) to come and give talks related to mining, geophysics and Precambrian geology.

The department also hosted three delegations from China (PetroChina, Chengdu University of Technology, and Southwest Petroleum University) to discuss future collaborations. Dr. Hairuo Qing, P.Geol. also led a field trip for a delegation from PetroChina to study hydrothermal dolomite in the Rockies as part of research collaboration between PetroChina and the U of R.

Student Achievements

Mr. Adam Benjamin Coderre was awarded the APEGS Gold Medal from the Association of Professional Engineers and Geoscientists as the top geoscience student at the U of R. This award was announced at the U of R's 2011 spring/summer convocation.

Mr. Ian Mansfield, Ms. Jellisa McMullen, and Mr. Adam Coderre were the recipients of the W.A Gordon Prize, the John Lewry Prize, and the L.W. Vigrass Prize in geology, respectively.

The D.M. Kent Consulting Geologist Ltd. Prize in sedimentary geology was awarded to Ms. Charla Philippon.

A number of our students were honoured by external agencies in 2011:

- Ms. Tara Fuchs was the recipient of the R.L Milner Memorial Award on January 29, 2011.
- Ms. Elysia Schuurmans was the recipient of the Mineralogical Association of Canada student prize.
- Ms. Elysia Schuurmans was also awarded the student prize (one-year membership) from the Geological Association of Canada.

Geology Student Society

The Geology Student Society, the D.M. Kent Club, remained active

The Regina Engineering Society

throughout the year and its resources focused mainly on supporting and organizing students' professional activities such as sponsoring students to attend and give presentations at the annual Open House in Saskatoon and the Western Inter-University Geosciences Conference in Regina.

Respectfully submitted,

Hairuo Qing, Ph.D., P.Geo.
Professor and Head

The mission of the RES is to serve the professional and social needs of engineers in the Regina area and to support interaction between its members, local technical societies, engineering students and major engineering employers.

The objectives of the RES shall be to promote the objectives and interests of the engineering profession in close co-operation with APEGS:

- a) To develop and maintain high standards in the engineering profession.
- b) To facilitate the acquirement and the interchange of professional knowledge among its members.
- c) To advance the professional, social and economic welfare of its members.
- d) To enhance the usefulness of the profession to the public.
- e) To collaborate with universities and other institutions in the advancement of engineering education.
- f) To promote good relations between engineers and members of allied professions.
- g) To co-operate with other technical societies for the advancement of mutual interests.

RES Fiscal Year and Executive

The RES fiscal year runs from June 1 to May 31. The RES Annual General Meeting was held in conjunction with the annual golf tournament on June 3, 2011. The 2011-2012 RES executive was introduced at the AGM and is comprised as below:

President: Greg Stephenson, P.Eng.

Vice-President: James Holtom, P.Eng.

Past President: Deanne Cannon, Engineer-in-Training

Treasurer: Deanne Cannon

Secretary: Lisa Vindevoghel, Engineer-in-Training

Technical Presentations: VACANT

Communications: Deborah Mihial, P.Eng.

Website: Deborah Mihial

Membership: Jamie Kilkenny, Engineer-in-Training
Merchandise: VACANT
Social: Anthony Quach
Horizons Dinner: James Holtom and Greg Stephenson
University of Regina: Rob Jones, P.Eng.
RESS: Jason Whitelaw
APEGS: Margaret Anne E. Hodges, P.Eng.
CSCE: Brent Miller, P.Eng.
RGG: Paul Walsh, P.Eng.
IEEE: Ian Sloman, P.Eng.

Awards/Scholarships

The RES recognized two deserving professionals for their commitment and service to the engineering community. The 2010-2011 Engineering Excellence Award was presented to Gary Nieminen, P.Eng., and the Volunteer Service Award recipient was Cheryl Robertson, P.Eng.

The Regina Engineering Society awarded scholarships to five students. Each of the scholarships is valued at \$500. Four scholarships were given to engineering students at the University of Regina. One scholarship was presented to a SIAST Palliser Campus engineering technology student.

The RES also provided \$250 of support to the Regina Regional Science Fair. Congratulations once again to these well-deserving students.

RES Events

The RES strives to bring out our members in social activities throughout the year. The RES held a successful Night at the IMAX featuring Born to Be Wild 3D on April 27, 2011 at the Kramer IMAX Theatre. Our highest turnout of 133 people was in attendance to enjoy the film.

The 2011 Engineering Horizons Dinner was held following National Engineering Week at the Conexus Arts Centre on March 8, 2010. The event featured Mr. David Seymour from the Frontier Centre for Public Policy as the keynote speaker. Mr. Seymour presented a discussion on “Saskatchewan’s

Renaissance,” arguing that the people of Saskatchewan need larger goals to accompany the province’s economic renaissance.

The RES annual golf tournament is one of the best attended and most anticipated events put on by the RES. A shotgun start was used for the first time this year, with 107 members and guests attending. Once again the prizes were awarded for longest drive closest to the pin and longest putt as well as many more door prizes, thanks to the overwhelming generosity of sponsors. Attendance has reached a level where the RES intends to try booking a shotgun start for future tournaments.

To introduce the new executive to the membership, a Meet the Executive beer and pool night was held on November 23, 2011. Many attended, engineering students/future members in particular, turning the event into a success with some fun and socializing had by all.

Sponsorships/Support for External Events

The RES once again assisted the University of Regina Faculty of Engineering Senior Project Presentation Day which showcases engineering students’ projects.

The RES also either provided funds or volunteers for the Women’s History Month Reception, SIAST Industry and Development Dinner, EYES camp, APEGS PPE Seminar, and the IEEE South Chapter AGM.

The RES would like to thank APEGS for continuing support and guidance.

Respectfully submitted,

Greg Stephenson, P. Eng.
President

Saskatoon Engineering Society

My year as president of the Saskatoon Engineering Society (SES) started with a Christmas mixer on December 14, 2011 at Boffins Club, an event that was attended by approximately 30 people.

Other major events and achievements during my tenure as SES president included:

Student Paper and Design Competition Night

The Engineering Innovative Design and Student Paper Competitions is an annual event jointly organized by SES and the U of S College of Engineering, and co-sponsored by SES, the U of S and APEGS.

Fifty-one students participated in this year's competitions held on March 31, 2011. The mechanical engineering team won the top prize in Innovative Design (Project Title – Potash Conveyor Extensible Support Structure) and the Engineering Physics team won the Student Paper Presentation award (Project Title – Zeeman Effect Direct Observation and Quantification [ZEDOQ]).

National Engineering Week

As a part of National Engineering Week (February 20-26, 2011), the Saskatoon Engineering Society hosted our annual ICE (Industry Celebrating Excellence) event on February 24. This year, we had ten booths from local firms and organizations. A special thanks to all these companies for setting up wonderful booths and to all attendees in making this event a great success.

Mentoring

During the year, the SES brings in speakers on current topics for the benefit of members. We have tried to include some seminars that would interest members just starting out in their respective fields. There has been good attendance for various seminars and social events. If you are interested in conducting a presentation, or know any key speaker or any topic which may be of interest to our members, please contact any of our executive committee members. This can also be a good opportunity for young engineers in your office to get experience doing presentations in front of a non-threatening crowd.

Web-E-mail Development

The web page continues to be a source of information for our members. The email list membership is approximately 400 people from the possible 1,500 SES members. The email list was used this year to inform members of noon hour technical seminars, mixers and other information important to our members. To confirm that you are on the mailing list, please send your email address to: info@saskatoonengineers.com

For a long time, we didn't have a dedicated web administrator so we were unable to maintain our website. Finally, this year LeRoss Calnek, P.Eng. has volunteered for this job. We are hopeful that this will lead to improvements in our website.

APEGS Connection and Involvement (C&I) committee

This year, APEGS extended the wings of the C&I committee by having its committee members meet regularly with all constituent societies. This has opened an avenue for evaluating the operation of each constituent society, improving our relationships and sharing information. We have had about four meetings to date that have been very fruitful.

SES Banner

This year we approved funds to develop an SES banner for use on all our programs.

2010 - 2011 SES Awards

The Engineering Educator of the Year award is given to a Saskatoon area engineer who has made significant contributions to academic research or engineering education.

The Engineer of the Year award is given to a Saskatoon area engineer who has made exceptional contributions to engineering profession in research, development and service to profession and community.

- 2010 Awards SES Educator of the Year – Allan T. Dolovich, Mechanical Engineering Department, University of Saskatchewan
- 2010 SES Engineer of the Year – Stuart Middleton, P.Eng, C.Eng, AMEC Americas Ltd., Saskatoon

Moose Jaw Engineering Society

- 2011 Awards SES Educator of the Year – No one selected this year.
- 2011 SES Engineer of the Year – Tom Mercer P.Eng, M. Eng , Stantec Ltd., Saskatoon

This year, we developed formal guidelines and nominating criteria for SES awards. I would like to thank Lal Kushwaha, P.Eng. for his help with this.

Members and Executive

The SES Executive would like to thank all the members who provided input and attended our events. This year was a great success thanks to the hard work and great ideas. I am also thankful to APEGS staff for their continued support.

In closing, I would like to thank the members for allowing me to represent them.

Respectfully Submitted,

Ashok Thakkar, P.Eng.
2010 - 2011 President Saskatoon
Engineering Society

The Moose Jaw Engineering Society (MJES) had limited events in 2011. Most notably we didn't hold our annual golf tournament. We are planning to resume a full schedule of events this year.

SIAST Palliser Campus annually hosts a Business and Industry Dinner which provides opportunity for students to network with professionals from various companies. MJES sponsored five student tickets for this night. The students expressed their gratitude and mentioned how well the evening went.

APEGS Volunteer Day was held in Moose Jaw on October 22, 2011 at the newly constructed Mosaic Place, "Home of the Moose Jaw Warriors." The volunteers enjoyed a busy day which included networking luncheon, orientation session, committee meetings and networking dinner, followed by an early evening of social billiards at Dooly's. MJES was pleased that APEGS hosted the Volunteer Day in Moose Jaw, and we hope this was an enjoyable experience for everyone involved.

MJES Annual General Meeting was held on November 22 at SIAST Palliser Campus, with 21 members in attendance. The executive elected for the upcoming year include:

President: John Conway, P.Eng.

Treasurer: Jody Scammell, P.Eng.

Secretary: Ashley Gusikoski, Engineer-in-Training

Professional Development & Event Coordinators: Allan Dlugan, P.Eng.;
Rick Corrin, P.Eng.

SIAST Liaison: Vern Corbett, P.Eng.

After the business portion of the AGM was complete, a presentation on the Upper Qu'Appelle Water Supply & Conveyance Project was given by Robert Parker, P.Eng. of the South Central Enterprise Region. The presentation focused on the various aspects of the proposed project. Robert previously worked for Saskatchewan Watershed Authority and has vast knowledge of the Upper Qu'Appelle system.

An MJES scholarship in the amount \$250 was presented to Wade Tipper, an electrical engineering technology student at SIAST Palliser Campus. The scholarship was awarded to a graduate of a high school within the district

CIM Saskatoon Geosection

covered by MJES with the highest average in first year and registered for second year of post-secondary education.

The MJES appreciates the assistance provided to our society by sponsors, speakers and volunteers. A special thank you to SIAST for allowing MJES continued use of the Macoun Lounge for meetings and presentations.

Respectfully submitted,

John Conway, P.Eng.
President

The CIM Saskatoon Geosection is one of two Saskatoon-based branches in District 4 (Central Canada) of the Canadian Institute of Mining, Metallurgy and Petroleum. Our purpose is to facilitate professional development, knowledge sharing, networking and fellowship among Saskatchewan geoscientists. We do this primarily through monthly luncheon meetings that feature invited speakers. Our annual membership runs from November to May (no activity during the summer field season) and the 2011-2012 presentations included:

- November 2011: Bruce Eglington (University of Saskatchewan) – “Achieving a better understanding of the origin of Nuna and its ore deposits: a structured approach utilizing databases and palaeogeographic reconstructions”
- December 2011: Sarah Gleeson, P.Geol. (University of Alberta; Howard Street Robinson Lecture Tour) – “The formation of Ni-laterite deposits”
- January 2012: Guioxiang Chi, P.Geo. (University of Regina) – “Hydrodynamic studies of mineralization with special reference to uranium deposits in sedimentary basins”
- February 2012: Peter Wollenberg, P.Geo. (Areva Resources) – “Uranium Mining Behind the Iron Curtain: The Story of WISMUT”
- March 2012: A. Hamid Mumin, P.Eng., P.Geo. (Brandon University; 2011-2012 CIM Distinguished Lecturer) – “Iron Oxide Copper-Gold Deposits in Genetic Context”
- Upcoming, April 2012: Ken Ashton, P.Geo. (Saskatchewan Geological Survey)
- Upcoming, May 2012: Kyle Reid (Ph.D. student, University of Saskatchewan; CIM Saskatoon Geosection Wolfgang Stoeterau Memorial Scholarship Award recipient)

Our 2011-2012 executive includes: Chairman: Cory Kos, P.Geo. – Cameco Corp., Program Chair: Rebecca Hunter, P.Geo. – Cameco Corp., Secretary: Susan Biss – Cameco Corp., Treasurer: Chris Hamel, P.Geo. – Cameco Corp., Past Chairman: Gary Yeo, P.Geo., FEC (Hon.) – Consultant and Executive Assistant: Qin Xu – Student.

Respectfully submitted,

Cory Kos, P.Geo., Chairman

Saskatchewan Geological Society

It was an active year for the Saskatchewan Geological Society, which presented a full schedule of events and activities. The core of our activities is the luncheon speakers program, organized by our program Chairs, Bernadette Knox, Geoscientist-in-Training and Lynn Kelley, P.Geo., who provided a regular schedule of about one quality speaker per month in the spring program and again through the fall.

John Lake, P.Geo. organized another successful annual field trip, this year to the Capital Reef Area in Utah. The participants saw a varied geology that focused on the Waterpocket Fold, which resulted from the Laramide Orogeny. A great time was had by all participants.

The society social events are always popular. The annual curling bonspiel was organized by Lynn Kelley and Kate MacLachlan, P.Geo., and held at the Callie Curling Club in March. This non-competitive event was followed by a pizza dinner and was enjoyed by all. The annual golf tournament/BBQ, organized by Bob Troyer, P.Eng., P.Geo. and Tom Love, took place in early September. The catered BBQ event was held at the Wascana Lady Slipper Courtyard. It was well attended and everyone seemed to enjoy themselves. The many corporate sponsors are thanked for providing prizes for these events.

The society continued in its student outreach program by hosting Student Careers Nights at the University of Regina in the spring and in Saskatoon in conjunction with the Saskatchewan Geological Survey Open House. The Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) and the Saskatchewan Mining Association (SMA) are thanked for co-sponsoring these events. The annual Student Poster Contest was also held in conjunction with the Open House.

The society continued its public lecture program by organizing a Regina lecture and school visits in May by Dr. Steve Scott, Director, ScotiaBank Marine Geology Research Laboratory, Department of Geology, University of Toronto, entitled "Mysteries of the Deep Ocean." Sean Bell of the T-Rex Discovery Centre in Eastend, Saskatchewan presented a talk at the Open House in Saskatoon entitled "Fossils of Southwest Saskatchewan: A Rich Opportunity Right Under Our Feet." APEGS, the SMA, and Geoscape Saskatchewan are thanked for co-sponsoring these events.

Jason Berenyi, P.Geo. reports that the student membership numbers have greatly increased, breaking the century mark and surpassing active/lifetime

members! This is solely due to the efforts of our University of Regina geology student liaisons, Luc Chabanole and Charla Philippon, past president and current president respectively of the Don Kent Student Geology Club, who have worked closely with the society and promoted us with the geology students. Those of you who have attended any recent luncheon talks have noticed another 10 to 20 students in attendance. Their attendance is the result of Charla Philippon's "little push" to attend a society talk. Thank you for your considerable efforts to get more students involved in society functions! Hopefully the trend will continue over the coming years.

The society's website, www.sgshome.ca has been kept regularly updated by Andrew Morley, Geoscientist-in-Training, our current secretary. The website contains a publication list, membership forms, merchandise with pictures, current and archived rock records, and much more. Please check it out.

The society organized and hosted two workshops, a one-day core workshop and a two-day core logging workshop, that were held in conjunction with the Williston Basin Petroleum Conference that took place in Regina in early May. As one can see from the financial report, the society's expenditures significantly exceed its income on an annual basis. The only way that the society makes up for this shortfall to continue its many activities is to host major events such as a conference and/or workshop. The planning committee consisted of Don Kent, P.Eng., P. Geo., FEC, Mick Frank, P.Geo., Luc Chabanole (student coordinator), Murray Rogers, P.Geo., Kim Kreis, P.Geo., Arden Marsh, Geoscientist-in-Training and Gavin Jensen, Geoscientist-in-Training. Please consider volunteering in the future to help out on the committee to organize these important workshops. As these workshops will be a major revenue stream for the society in the coming years, it would be great not to have the same people volunteering year after year.

I would like to end by thanking the many people who contributed their time and effort toward the society's activities. To begin I would like to thank the 2011 executive that worked with me over the past year: Jason Berenyi (vice-president), Michelle Hanson, Geoscientist-in-Training (treasurer), Andrew Morley (secretary), Bernadette Knox and Lynn Kelley (program Co-Chairs), Kate MacLachlan (business manager), Murray Rogers (past president), and Charla Philippon and Luc Chabanole (U of R Don Kent Geology Club student liaisons) for their work for the society, as well as their counsel and

Consulting Engineers of Saskatchewan

encouragement during my term. I would also like to thank the Chairs of the society's committees and subcommittees for their work and commitment: John Lake (field trip), Bob Troyer (golf tournament), Kate MacLachlan and Fran Haidl, P.Geo., FEC(Hon.) (education and outreach), Fran Haidl (Geoscape Saskatchewan), Lynn Kelley and Kate MacLachlan (curling bonspiel), Dave MacDougall, P.Geo., Don Kent, and Jim Christopher, P.Geo. (Honour Roll).

Last but not least I would like to thank the Ministry of Energy and Resources, and more specifically the Saskatchewan Geological Survey, for its support through its long-term policy that allows employees to use some time to work on society-related matters. This relates to the Survey's mandate that includes public geosciences outreach and professional development. As the society relies heavily on the involvement of Survey and some other ministry personnel, society activities would be greatly diminished without this support.

I would like to wish the 2012 executive success in running the society in the coming year.

Respectfully submitted,

Gavin K.S. Jensen, Geoscientist-in-Training
President

The Consulting Engineers of Saskatchewan (CES) is a not-for-profit industry association representing the business interests of consulting engineering and consulting geoscience firms in Saskatchewan. CES represents over 50 member firms that employ in excess of 2,400 professional and technical support personnel, providing local, regional, national and international engineering and geoscience services. A number of associate member firms from related interest groups augment the role of CES. The Consulting Engineers of Saskatchewan is a member of the Association of Consulting Engineering Companies – Canada (ACEC) and affiliated with the International Federation of Consulting Engineers (FIDIC). We are proud to be celebrating the 35th anniversary of our organization this year.

The objectives of CES are, in part:

- To assist in promoting satisfactory business relations between its members and their clients;
- To promote cordial relations among the various consulting engineering and consulting geoscience firms in Saskatchewan, to foster the interchange of professional, management and business experience and information among consulting engineers and consulting geoscientists and, when necessary, to safeguard business interests;
- To further the maintenance of high professional standards in the consulting engineering and consulting geoscience professions for the public good and to promote a satisfactory business relationship between the members of CES and their clients;
- To promote the employment of member firms for engineering and geoscience services in the province of Saskatchewan;
- To promote quality workplace environments for employees which provide growth opportunities, training and development for the future success of both the employee and the member firm;
- To do all such matters and things which will promote and advance contact with the Association of Consulting Engineering Companies -- Canada, the latter's member organizations and other related professional organizations within Canada;
- To operate in liaison and harmony with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS);

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- To assist with promoting strong business relationships between its members and their clients.

CES fulfills these objectives through various channels, including:

- Promotion of the “best practice” for selecting a professional consultant, which promotes selection of consultants based on their qualifications for a project;
- Continued consultations and discussions with all levels of government, ministries and agencies regarding issues affecting the industry;
- Providing a Schedule of Recommended Fees for Consulting Professional Engineers and Geoscientists;
- Maintaining task groups and subcommittees with a specific focus, including Human Resources, Consultant Selection Policy, Transportation, Buildings, Environment/Water Resources, and the Young Professionals Group;
- Promotion and distribution of the CES Annual Membership Directory;
- Dialogue with the Premier and cabinet, as well as the official opposition, in a forum for sharing information and discussion about the industry to promote economic growth for the province and the industry;

The CES Awards program, including:

- The Brian Eckel Awards, which provide member firms with an opportunity to showcase projects reflecting the talent, expertise and innovation of the individual firm and its staff;
- The Lieutenant Governor of Saskatchewan Meritorious Achievement Award, which recognizes a Saskatchewan resident for outstanding achievements and contributions to the consulting engineering and geoscience industry in Saskatchewan, whether technical or managerial in nature and taking into consideration the individual's contributions to business and society;
- The CES Young Professional Award, which recognizes achievements of a young professional who demonstrates excellence in his/her field of expertise; the business of consulting engineering/geoscience; dedication to his/her consulting engineering/geoscience association and community; as well as increasing awareness of the value of young professionals in the Saskatchewan consulting engineering/geoscience industry, and

- The CES Road Show, which provides an opportunity for member firms submitting entries in the Brian Eckel Awards of Excellence program to showcase their projects and the expertise of their firm and staff at a number of public venues throughout the year. CES appreciates the opportunity to showcase the CES Awards at APEGS events.
- The Brian Eckel Memorial Scholarship, which was created by family, friends and member firms of CES in memory of Brian Eckel, a long-time member and active participant in the consulting engineering and consulting geoscience industry in Saskatchewan. The scholarship recognizes academic performance and community volunteerism of students pursuing a Bachelor of Science in Engineering degree at the College of Engineering at the University of Saskatchewan;
- Continued development of more consistent engineering/geoscience consulting selection practices and contracting policies across government, including the development of a Standard Professional Services Agreement through the Consultant Selection Policy Working Group;
- Active participation in Engineering and Geoscience Week in Saskatchewan (and National Engineering Month) activities;
- Liaison with affiliated organizations such as the Saskatchewan Construction Association, Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS), Saskatchewan Heavy Construction Association, Saskatchewan Association of Architects, Saskatchewan Urban Municipalities Association, Saskatchewan Association of Rural Municipalities, Saskatchewan Applied Science Technologists and Technicians and others in support of common goals and activities;
- Coordination and participation in networking and educational events for the benefit of CES member and associate member firms, clients, suppliers and other industry-related groups;
- Recommendations emanating from a Summit that will go forward to decision makers regarding infrastructure and human resource needs to assist with sustaining provincial economic growth; and
- Advocacy on a number of issues, most recently regarding the New West Partnership Trade Agreement and its potential impacts on the consulting engineering and consulting geoscience industry and society as a whole.

Saskatoon Engineering Students' Society

CES continues to grow and succeed, thanks in part to the ongoing commitment of the volunteer board of directors whom I recognize for their efforts, including:

Mel Leu, P.Eng., Vice-Chair

Aaron Polley, P.Eng., Past Chair

Fred Antunes, P.Eng., FEC, Director & Secretary-Treasurer

Dwayne Gelowitz, P.Eng., FEC, APEGS Liaison

Jason Mewis, P.Eng., Director & ACEC Liaison

Greg Wagner, P.Eng., Director

Tara Reichert, P.Eng., Director

Marvin Loewen, Engineering Licensee, Director

Geoff Sarazin, P.Eng., Young Professionals Liaison

CES efforts on behalf of the industry are coordinated by Beverly MacLeod, Executive Director, Elaine Armstrong, Executive Assistant, and Linda Nelson, Communications Coordinator. The dedication of our office staff and many member firm volunteers is the key to our success, and is greatly appreciated.

For more information contact the CES office (306) 359-3338 or the CES website at www.ces.sk.ca

Respectfully Submitted,

David J. Tratch, P.Eng.
Chair of the Board of Directors

The Saskatoon Engineering Students' Society (SESS) is the representative student organization for the College of Engineering at the University of Saskatchewan. Our purpose is to support the academic, professional and social needs of the students in the College of Engineering. We maintain communication between disciplines, student groups and the engineering community to meet these needs. APEGS' Student Development Committee funding has gone a long way to supporting our society's purpose.

Between the summer of 2010 and now, the SESS has been going through immense restructuring and rebranding, including giving the discipline presidents important decision-making positions within the SESS so that we can truly be the voice of the college. Thanks to APEGS funding over the 2011 year, we were able to send many students to conferences around Canada, including national conferences on women in engineering, chemical engineering and Engineers Without Borders (EWB) as well as many hosted by the Canadian Federation of Engineering Students. These conferences have given our students many opportunities to grow professionally and academically as well as network with Professional Engineers, engineers-in-training and other engineering students.

One of the main benefits of these conferences was the ability to learn about the details of all of the other student societies around Canada so we could ensure that our society became more able to add value to students in our college. As well, each of the students that attended these conferences benefited from listening to professional engineers, executives from international companies and students from every discipline.

The other major contributions from APEGS were towards competitions. We had participants in the Western Engineering Competition (WEC), Canadian Engineering Competition (CEC), 1/4 Scale Tractor Design, Great Northern Concrete Toboggan Race, Formula SAE, Japanese Space Elevator Competition and Troitsky Bridge Building Competition. Our consulting and junior design team got second in their respective competitions in WEC, with junior design placing second at CEC. The team consisted of four second year students, Travis Opikokew-Stranden and Chase Lavallier in mechanical, Pierro Manacsa in chemical, and Jarad Hermanson in electrical. Another major accomplishment was our Concrete Toboggan team becoming tournament champions for the 2011 competition.

Three chemical engineering students attended the Canadian Society for Chemical Engineering conference in London, Ontario, thanks to APEGS funding. At this conference, Scott Churchill's project won first place in the Robert G. Ault competition. He presented on "The Effects of Wall Slip in a Couette Rheometer when Measuring and Comparing Hydraulic Fracturing Fluids."

Our University of Saskatchewan space team completely reorganized during the past year. After doing very well in the International Space Elevator competitions, they are breaking new ground, trying to launch Saskatchewan's first nanosatellite in 2012. They are hoping to leave a legacy behind so that future generations of students will know the team's history. They are also looking to solidify their relationships with professional groups, the college and businesses. They have been working fantastically hard to make the team sustainable and to educate and update their members to this new challenge of launching a satellite. If you would like more information, feel free to email Aarya Shahsavari, the president of USST at pres@usst.ca.

The 1/4 scale tractor team sent two designs to the international competition last year. The A-team built a brand new tractor which they sent and which placed fourth in the overall competition. The X-team improved upon the previous year's tractor and placed third overall. These two great performances will hopefully be repeated and improved upon this year when the teams go back to Peoria, Illinois.

The third large student group is our Formula SAE team, which competed against 80 other teams at Fontana, California in June. An unfortunate oil leak cost our team some points, but it was a great experience and will help in this year's competition in Lincoln, Nebraska.

This year was also great for our charity drives. We had our annual pi-throw event where we delivered pies around the city to raise money for the Multiple Sclerosis Society of Canada and Engineers Without Borders. We raised almost \$5,000 and appeared widely across the city to spread word of the event and have some fun with it. In January there was an engineering versus agriculture blood drive where we competed to donate the most blood. The engineering students out-donated the agriculture students four to one!

We held professional mixers, presentations from companies, outreach events for high school students and a huge campus-wide career fair. It was a

successful year for networking and helping the students grow professionally. By going to all of these events and more, thanks to the financial support of APEGS, we were able to dramatically enhance the engineering student experience at the University of Saskatchewan.

Respectfully submitted,

Ryan Krug
VP External

Regina Engineering Students' Society

The members of the Regina Engineering Students' Society (RESS) would like to thank APEGS for its continued generous sponsorship. During 2011 the Regina Engineering Students' Society participated in professional development conferences, provided events and services to students, helped local charities raise money, promoted engineering to all areas and age groups, and encouraged and provided paths for further professional development to the students whom we represent.

Social Events and Conferences

Year 1-4

The Year 1-4 Reception is a socializing and professional networking event that RESS has hosted for the past 21 years. APEGS has a strong presence at this event through their attending representatives, informational booth and an allotted speaking time during the evening's events.

National Engineering Week

Since 1992, National Engineering Month has been used as an opportunity to raise public awareness of the importance of engineering and technology in our daily lives and to encourage young people to consider careers in engineering and technology. 2011 marked the first time in several years that the RESS hosted an Engineering Week event, and it was met with great enthusiasm and excitement for next year's Engineering Week.

Beerfest

Beerfest is a social event that the RESS holds at the Owl. Beerfest is held in both fall and winter semesters, with about 800 attendees at each.

WESST EM

In 2011 the Western Engineering Student Societies Executive Meeting (WESST EM) was hosted in Vancouver by Simon Fraser University (SFU). WESST EM gives engineering student council members the opportunity to meet other students and attend professional development seminars.

CFES Events

The Canadian Federation of Engineering Students (CFES) is a national, bilingual, student-run organization that provides services to its members in

the form of development conferences and events. The week-long annual CFES Congress provides opportunities for students to learn from our industry partners, sponsors and fellow students. CFES also hosts the smaller and more intimate annual presidents' meeting. We pride ourselves on being one of the smallest schools with an equal or larger representation at these events.

Engineers Without Borders National Conference

The Regina chapter of Engineers Without Borders and APEGS invested in future leaders by sending 13 delegates to this year's Engineers Without Borders national conference.

Competitions

Western Engineering Competition

The Western Engineering Competition is a five-day annual competition open to any student whose student society is a member of the Western Engineering Student Society Team (WESST). At last year's competition at the University of Saskatchewan, APEGS had a major presence. APEGS members served as judges, staffed a career fair booth and delivered the keynote address at the awards banquet.

Regina Engineering Competition

The Regina Engineering Competition (REC) is the regional qualifier for delegates to the Western Engineering Competition. The panel of judges is made up primarily of APEGS members from industry.

Canadian Engineering Competition

The Canadian Engineering Competition (CEC) features the top two teams from regional events such as the Western Engineering Competition. In 2011 our communication engineering team earned one of the top three spots and represented the University of Regina at CEC. For this year's competition, the University of Regina will be represented by our junior design team.

Canstruction

Canstruction is an annual event held in cities around the world to raise donations for local food banks. Teams of engineers, designers and architects construct large sculptures from cans of food. The Faculty of Engineering and

D.M. Kent Student Geology Club

Applied Science at the University of Regina has entered teams for the past three years. Our teams have achieved tremendous success, receiving numerous top awards in competition with major engineering, design and architectural firms from across Regina. Over the past three years, our teams have collected nearly 10,000 cans of food for the Regina and District Food Bank, representing more than \$10,000 worth of fundraising.

Saskatchewan Automotive Engineering (Cougar Racing)

The SAE team participated in 2011 Baja, a competition of student-designed off-road vehicles. We placed 75th out of over 150 schools. This was an incredible accomplishment considering that our team competes in this event with a tiny budget and with very few on-campus resources.

The Cougar Racing team would like to extend their deepest thanks for the continued support of APEGS in helping to fund this project.

Charity Events

Pie-In-The-Eye

Pie-in-the-Eye (PITE) is an annual charity fundraiser in which donors send a pie in the face of their favourite target. Victims can also buy their way out by passing pies along at a higher price, causing the pie to go up steadily in donation value. PITE has raised between \$3,000 and \$7,000 annually. Charities in the past have included National Service Dogs, Regina Food for Learning and the United Way.

Milk & Cookies

Each year the RESS sells milk and cookies in the engineering lounge, with revenues going to a different charitable organization each year. The RESS donates the milk and cookies as their contribution to this event, and RESS members donate their time to run the sale. Although small, this event successfully raises between \$400 and \$750 each year.

Respectfully submitted,

Jason Whitelaw
VP Professional Affairs

The D.M. Kent Club has become an extremely dynamic group over the years and this past year has definitely been one we will all remember! The 2011 fall semester started off with a bang with our annual Meet & Greet where 62 students attended and signed up to become members of the D.M. Kent Club and members of the Saskatchewan Geological Society. To get to know the new members, we've had many great social events including Geology Bowling, paintballing and Geology Jeopardy. We have two future events currently being planned for March: a potash mine tour and a trip to Toronto for eight students to attend the PDAC (Prospectors & Developers Association of Canada) 2012 International Convention, Trade Show & Investors Exchange – Mining Investment Show. This is an exciting advancement for the University of Regina as attendance by students at the PDAC Convention, let alone any conference, has been rare in the past. Hopefully this will be the start of many more educational travel opportunities in the future!

The largest accomplishment for our club this year, however, was hosting the 48th annual Western Inter-University Geosciences Conference (WIUGC 2012). We owe much of our success to APEGS and all of our sponsors! Thank you very much for helping to make it all possible.

The conference started on January 5 at 2 p.m. with registration and the Career Fair. One hundred and twenty students registered and there was a remarkable turnout at our Career Fair, including industry representatives from APEGS, Cameco, the Canadian Society of Exploration Geophysicists (CSEG), Canadian Society of Petroleum Geologists (CSPG), PDAC, Saskatchewan Geological Society, Saskatchewan Geological Survey, Tallman Geological Consulting Ltd., Trident Resources Corp. and Vale. Following the afternoon events was a “Rock Breaker” at the Broken Rack, a pool hall near the Travelodge Hotel. We had a great turnout and it gave everyone a chance to mingle with the students from other universities.

At 8:30 the next morning, 50 students poured into the Travelodge lobby to get on to buses for the field trips we had planned. We had two options: 1) a core logging workshop with the legendary Dr. Don Kent, P.Eng., P.Geo., FEC at the Subsurface Core Laboratory; and 2) a driving tour of the Co-op Refinery. On Friday afternoon, there were four talks given by professionals from BHP Billiton, Cameco, the University of Saskatchewan and the Saskatchewan Geological Survey.

Ore Gangue Students' Society

Student talks began on Saturday at 9:30 a.m. and ended at 4:30 p.m. There were a total of eight talks from graduate, undergraduate and doctoral level students as well as another Industry Talk given by Bernadette Knox, Saskatchewan Geological Survey. The formal banquet began at 6 p.m. that evening and after everyone had eaten, Jason Craven, an exploration geologist for Cameco, gave an inspirational keynote address. Awards were given for the best geophysical talk by CSEG (James Welles, UBC), for the top two petroleum talks by CSPG (Akhil Ramdoyal, U of M and Lauren Eggie, U of M) and for the best graduate (Rachelle Boulanger, U of R) and undergraduate (Akhil Ramdoyal, U of M), and talks by the WIUGC Organizing Committee. Lastly, the WIUGC Organizing Committee created the Don Kent Enthusiasm Award which was “presented to the university who demonstrated the most spirit and enthusiasm towards geology and among their peers throughout the conference.” This award was created to show our appreciation to Dr. Don Kent who is a very well-known geologist among the students from the University of Regina. The recipients of the Don Kent Enthusiasm Award were the representatives from the University of British Columbia. The University of British Columbia was also chosen to host WIUGC 2013.

Respectfully submitted,

Charla Philippon
President

The Ore Gangue Students' Society would like to thank APEGS for its support during 2011. With this support, the student experience at the University of Saskatchewan has continued to improve. We would like to acknowledge APEGS for the benefits that it has provided to our students' educational and professional experiences. With financial help from APEGS, the Ore Gangue was able to host and attend many educational events and field trips as well as improve our student centre to make it a more study-friendly environment.

During the past year, we were able to purchase new tables and chairs for students to use while studying and doing group projects and homework. We were also able to purchase a projector, screen and mount that are in the process of being installed. With this equipment, students will be able to work on and practise group presentations and will also be able to host their own study sessions outside of class time.

The Ore Gangue hosted a Student Industry Night last fall. Three professionals from different companies came to talk to the students about their experiences as geologists in the industry. The students enjoyed the talks and found that this was an opportunity for them to network and create relationships with professionals that could be beneficial to them after graduation.

With a continued focus on our students' educational experience, the addition of structured lab study sessions in 2010 was continued in 2011. The lab study sessions have been very successful, and students have commented on how beneficial they are. Students have more time to study and ask for help from the teaching assistants, who are hired for two hours.

The Ore Gangue hosts many other events to allow for socializing with fellow students and professors. Some of these include bowling with the profs, In-lounges, Hockey Night in Geology, curling, fundraisers, GeoTED student and professor talks and a year-end banquet.

We are very fortunate to be able to receive support from APEGS in order to further the educational experience of U of S geology students. The Ore Gangue is excited about the coming year and the events we will be able to host because of this support. We are able to take students on a tour of the Calgary Core Lab in February 2012. This is the biggest core lab in Canada and we are excited to be able to give students the opportunity to see it. We are also planning a field trip to Canmore in the fall of 2012. There is a lot of great

Financial Report

geology in the Canmore-Banff area, so this is an opportunity for students to see things that we don't have here in Saskatchewan.

Once again, on behalf of our student members, the Ore Gangue executive would like to thank APEGS for their continued support. The support from APEGS is greatly acknowledged and appreciated and allows students to excel academically and professionally.

Respectfully submitted,

Rachel Krahn,
Vice-President

This is a summary of the unaudited financial statement of the Association to December 31, 2011. The Auditor's Report will be available at the 82nd Annual Meeting on May 5, 2012.

In 2011, expenditures were \$106,793 less than budgeted, a 3.3 per cent underexpenditure. Executive Committee was under budget by \$57,133, Council and its committees were under budget by \$23,397, Operations was over budget by \$83,901, Governance Board and its committees were under budget by \$63,992, the Education Board and its committees were under budget by \$14,580 and the Image and Identity Board and its committees were under budget by \$31,592.

Revenue was \$708,980 higher than budgeted, which is 17.9 per cent more than the budget. The 2011 budget proposed a surplus of \$734,211, and we ended the year with a projected surplus of \$1,549,984. Our total members' equity at year-end is estimated to be \$4,252,196, and consisted of the projected surplus of \$1,549,984, retained earnings of \$873,662, an investigation and discipline training reserve of \$22,550, a working capital reserve of \$1,606,000 and a discipline and enforcement reserve of \$200,000.

Executive Committee is pleased to report that the financial planning and management of our Association continues to be sound.

Respectfully submitted,

Dwayne Gelowitz, P.Eng., FEC
Vice-President

Balance Sheet December 31, 2011 as of February 28, 2012 (unaudited)

Assets

Current Assets

Bank Operating Account	\$1,594,271.16
Bank Investigation and Discipline Training	22,526.09
Petty Cash	265.00
Investments	5,349,012.54
Accrued Interest	18,085.86
Accounts Receivable	13,758.99
Prepaid Expenses	44,879.18
Total Current Assets	<u>\$7,042,798.82</u>

Fixed Assets

Office Equipment	\$87,941.64
Accumulated depreciation	71,478.96
Net Office Equipment	<u>\$16,462.68</u>

Computer Equipment	\$308,146.98
Accumulated depreciation	282,804.11
Net Computer Equipment	<u>\$25,342.87</u>

Leasehold Improvements	\$135,351.27
Accumulated amortization	89,098.85
Net Leasehold Improvements	<u>\$46,252.42</u>

Intangible Asset Membership Database	\$280,204.48
Accumulated amortization	96,360.96
Net Intangible Asset - Membership Database	<u>\$183,843.52</u>

Total Fixed Assets and Intangible Asset	<u>271,901.49</u>
Total Assets	<u><u>\$7,314,700.31</u></u>

Liabilities and Members' Equity

Current Liabilities

Accounts Payable & Accrued Liabilities	\$130,488.83
Accrued Vacations	170,124.68
Goods & Services Tax Payable	121,016.12
Prepaid Annual Dues	2,645,990.00
Total Current Liabilities	<u>\$3,067,619.63</u>

Members' Equity:

Reserves	\$1,806,000.00
Reserves - Investigation and Discipline Training	\$22,550.09
Retained Earnings	873,662.01
Surplus/(Deficit) for period	1,544,868.58
Total Members Equity	<u>\$4,247,080.68</u>
Total Liabilities & Members' Equity	<u>\$7,314,700.31</u>

Consolidated Statement of Revenue and Expenditures for the Period Ended December 31, 2011 as of February 28, 2012 (unaudited)

	UNAUDITED 2011	BUDGET 2011	% OF BUDGET	AUDITED 2010
Revenues				
Membership Dues	\$3,387,908.20	\$2,975,836.00	113.85	\$2,050,618.14
Licence Dues	27,255.99	26,000.00	104.83	18,825.00
Late Payment Surcharges	18,495.00	16,000.00	115.59	22,725.02
Advertising (Newsletter and Website)	115,596.31	70,000.00	165.14	84,805.65
Interest	58,583.25	50,000.00	117.17	39,293.11
Miscellaneous	2,079.59	2,000.00	103.98	24,003.75
Grants - WES Grant 2011	8,500.00	0.00	0.00	0.00
Professional Practice Exam & Seminar	132,000.89	103,550.00	127.48	94,694.43
Member Seal Fees	7,109.79	2,800.00	253.92	3,285.57
Association Functions (Womens History & Book)	14,771.18	2,000.00	738.56	15,643.04
Total Revenues	<u>\$4,672,930.68</u>	<u>\$3,953,786.00</u>	<u>118.19</u>	<u>\$3,005,495.78</u>
Expenditures				
Executive Committee				
Executive Committee	\$8,049.07	\$11,850.00	67.92	\$7,327.84
Liaisons	60,459.73	51,075.00	118.37	39,888.99
Government Relations	36,927.82	38,950.00	94.81	36,332.91
UofS/UofR Activities	9,735.29	2,200.00	442.51	3,715.02
Annual Report	39,328.30	50,000.00	78.66	41,817.39
Engineers Canada	126,332.05	159,000.00	79.45	126,150.80
CCPG	34,081.00	39,300.00	86.72	35,674.00
Total Executive Committee	<u>\$356,455.90</u>	<u>\$412,485.00</u>	<u>86.42</u>	<u>\$333,185.98</u>
Council Meetings				
Investigation Committee	\$139,911.34	\$145,800.00	95.96	\$108,734.95
Discipline Committee	32,525.29	38,500.00	84.48	15,232.94
Enforcement	560.92	10,900.00	5.15	1,061.37
Total Council	<u>3,494.60</u>	<u>4,250.00</u>	<u>82.23</u>	<u>5,461.72</u>
	<u>\$176,492.15</u>	<u>\$199,450.00</u>	<u>88.49</u>	<u>\$130,490.98</u>
Operations				
Salaries	\$1,308,172.11	\$1,275,000.00	102.60	\$1,108,087.01
Fixed Asset Purchases	1,068.49	1,000.00	106.85	1,194.36
Depreciation	87,954.47	100,000.00	87.95	75,139.19
Occupancy Costs	125,116.17	115,500.00	108.33	104,072.99
Professional Fees	32,872.23	34,000.00	96.68	40,607.92
Telephone	8,811.14	9,500.00	92.75	13,885.78
Other Operations Costs	299,883.27	252,050.00	118.98	256,167.40
Total Operations	<u>\$1,863,877.88</u>	<u>\$1,787,050.00</u>	<u>104.30</u>	<u>\$1,599,154.65</u>

	UNAUDITED 2011	BUDGET 2011	% OF BUDGET	AUDITED 2010
Governance Board and Committees				
Governance Board	\$1,431.67	\$5,300.00	27.01	\$1,478.72
Legislative Review Committee	0.00	350.00	0.00	0.00
CEAB/CEQB Meetings	5,821.02	12,000.00	48.51	3,750.96
Experience Review Committee	53,207.86	42,000.00	126.69	33,050.48
Academic Review Committee/Interviews	7,115.14	26,200.00	27.16	17,204.19
Prof. Practice Exam Com./Seminar & Exam	125,689.79	152,520.00	82.41	101,080.38
Limited Member Admissions Committee	2,862.59	21,750.00	13.16	1,251.00
Total Governance Board	<u>\$196,128.07</u>	<u>\$260,120.00</u>	<u>75.40</u>	<u>\$157,815.73</u>
Education Board and Committees				
Education Board	\$16,143.92	\$9,840.00	164.06	\$2,478.99
Environment and Environmental Issues Committee	2,600.61	7,700.00	33.77	4,855.46
Professional Development Committee	39,369.18	34,550.00	113.95	32,802.26
Student Development Committee	43,433.89	40,850.00	106.33	45,267.14
K to 12 Committee	15,170.16	35,500.00	42.73	31,530.92
Total Education Board	<u>\$116,717.76</u>	<u>\$128,440.00</u>	<u>90.87</u>	<u>\$116,934.77</u>
Image and Identity Board				
Image & Identity Board	\$5,924.60	\$7,975.00	74.29	\$1,434.86
CPR Committee	124,127.63	117,420.00	105.71	115,927.43
Connection and Involvement Committee	133,544.28	145,825.00	91.58	106,619.62
Awards Committee	404.95	1,760.00	23.01	1,248.51
Professional Edge Committee	143,995.19	146,100.00	98.56	138,482.51
Equity and Diversity Committee	4,887.09	11,900.00	41.07	5,882.99
75th Anniversary/Centennial Task Group	384.98	300.00	128.33	214.21
Women's History Task Group	5,121.62	750.00	682.88	4,925.20
Total Image & Identity Board	<u>\$418,390.34</u>	<u>\$432,030.00</u>	<u>96.84</u>	<u>\$374,735.33</u>
Total Expenditures	<u>\$3,128,062.10</u>	<u>\$3,219,575.00</u>	<u>97.16</u>	<u>\$2,712,317.44</u>
Surplus (Deficit)	<u>\$1,544,868.58</u>	<u>\$734,211.00</u>		<u>\$293,178.34</u>

Investment and Cash Funds month ending December 31, 2011

	PURCHASE DATE	MATURITY DATE	ANNUAL YIELD%	INVESTED VALUE \$	MATURITY VALUE \$
Company					
RBC Dominion Securities Inc. AGF Trust GIC - Annual (1.150% Annual Yield)	Aug 29/11	Aug 29/12	1.150%	\$100,000.00	\$100,000.00
BMO Advisors Advantage GIC - Annual (1.500% Annual Yield)	Aug 29/11	Aug 29/12	1.500%	\$400,000.00	\$400,000.00
Resmour Trust Company GIC - Annual (1.550% Annual Yield)	Aug 29/11	Aug 29/12	1.550%	\$100,000.00	\$100,000.00
TD Mortgage Corp. GIC - Annual (1.820% Annual Yield)	Dec 23/11	Dec 24/12	1.820%	\$200,000.00	\$200,000.00
Bank of Nova Scotia GIC - Annual (1.800% Annual Yield)	Aug 29/11	Aug 29/13	1.800%	\$500,000.00	\$500,000.00
Canadian Western Bank GIC - Annual (2.000% Annual Yield)	Aug 29/11	Aug 29/13	2.000%	\$100,000.00	\$100,000.00
Home Trust Company GIC - Annual (2.050% Annual Yield)	Aug 29/11	Aug 29/13	2.050%	\$100,000.00	\$100,000.00
Equitable Trust GIC - Annual (2.200% Annual Yield)	Aug 29/11	Aug 29/14	2.200%	\$100,000.00	\$100,000.00
Laurentian Bank GIC - Annual (2.050% Annual Yield)	Aug 29/11	Aug 29/14	2.050%	\$100,000.00	\$100,000.00
LBC Trust GIC - Annual (2.050% Annual Yield)	Aug 29/11	Aug 29/14	2.050%	\$100,000.00	\$100,000.00
TD Mortgage Corp. GIC - Annual (2.250% Annual Yield)	Dec 23/11	Dec 23/14	2.250%	\$600,000.00	\$600,000.00
Bank of Nova Scotia GIC - Annual (2.300% Annual Yield)	Aug 29/11	Aug 29/15	2.300%	\$300,000.00	\$300,000.00
Manulife Trust GIC - Annual (1.950% Annual Yield)	Aug 29/11	Aug 29/15	1.950%	\$100,000.00	\$100,000.00

	PURCHASE DATE	MATURITY DATE	ANNUAL YIELD%	INVESTED VALUE \$	MATURITY VALUE \$
Company					
Royal Bank of Canada GIC - Annual (2.370% Annual Yield)	Dec 23/11	Dec 23/15	2.370%	\$400,000.00	\$400,000.00
B2B Trust GIC - Annual (2.550% Annual Yield)	Aug 29/11	Aug 29/16	2.550%	\$100,000.00	\$100,000.00
Bank of Nova Scotia GIC - Annual (2.550% Annual Yield)	Aug 29/11	Aug 29/16	2.550%	\$300,000.00	\$300,000.00
ICICI Bank GIC - Annual (2.630% Annual Yield)	Aug 29/11	Aug 29/16	2.630%	\$100,000.00	\$100,000.00
Royal Bank of Canada GIC - Annual (2.670% Annual Yield)	Dec 23/11	Dec 23/16	2.670%	\$200,000.00	\$200,000.00
Royal Premium Money Market Fund	n/a	n/a	Variable	\$1,446,984.74	
Total Investments				\$5,346,984.74	
Royal Bank Current Account				\$1,594,271.16	
RBC Dominion Account				\$0.00	
Total Investments and Cash Balances				<u>\$6,941,255.90</u>	

Performance Reporting

During the 2010-2011 fiscal year, APEGS Council adopted five strategic goals to assist in focusing the Association's activities over the next several years. The goals recognized that APEGS' mandate and objects flow from section 5 of *The Engineering and Geoscience Professions Act*. These goals, along with the anticipated objectives, were grouped as follows:

1. Ensuring registration and compliance requirements are met.
2. Promoting and improving the proficiency and competency of members.
3. Proactively regulating the professions.
4. Ensuring sustainability of the professions.
5. Meeting the requirements of ongoing governance and operations.

It was acknowledged that many of the objectives and associated deliverables identified by Council and staff would be achieved through ongoing operations of the Association. Executive Committee requested that three goals be identified as a focus for the 2011-2012 year. As a result of the retirement of Leslie Bell (APEGS' communication consultant), one focus objective was the review of the APEGS communication plan. At their June 2011 meeting, Council and committee Chairs present identified the remaining two focus goals for the year.

The following tables summarize the progress towards achieving these three focus goals, in priority order. Further details are available in the respective committee and board reports.

APEGS 2011-2012 Priority Goals

GOAL 4: Ensuring sustainability of the professions.

OBJECTIVE: Hire/contract director of outreach or a communications consultant

ACHIEVEMENTS:

- Martin-Charlton Communications retained.

OBJECTIVE: Improve the public profile of the professions

ACHIEVEMENTS:

- Completed communications needs assessment at June 2011 Council orientation with members of Council and committee Chairs.

- Preliminary communications plan developed.
 - Website redesign project launched February 2012.
 - Established formal tracking tool for reporting of all outreach activities.
-

GOAL 5: Meeting the requirements of ongoing governance and operations.

OBJECTIVE: Enhance/improve volunteer management

ACHIEVEMENTS:

- Held inaugural Volunteer Orientation Day in Moose Jaw in Oct. 2011.
-

GOAL 2: Promoting & improving the proficiency & competency of members.

OBJECTIVE: Monitor in Continuing Professional Excellence activities

ACHIEVEMENTS:

- New database will allow staff to determine reporting statistics for APEGS members based in Saskatchewan. The target to access information is the second quarter 2012.

OBJECTIVE: Broker/facilitate professional development activities with partners

ACHIEVEMENTS:

- Annual meeting was attended by 400 members, and the professional development tracks well attended by 130 members.
- Second fall Professional Development Day held in October 2011 with 55 members attending and 15 presenters.
- Provided notices of professional development opportunities via website, e-notices to members, and Professional Edge advertising.

OBJECTIVE: Reporting of continuing professional development

ACHIEVEMENTS:

- Ongoing monitoring of proposals from Engineers Canada on mandatory reporting. APEGS position has yet to be determined.
 - Launched online reporting of CPE credits for members, including recognition of home association reporting for non-resident members.
-

Other Achievements in 2011-2012 Through Ongoing Association Operations

In addition to working on the three focus goals, APEGS staff and volunteers accomplished the following notable contributions under the remaining goals.

GOAL 1: Ensuring registration and compliance requirements are met.

- Experience Review Seminars held for over 600 members-in-training, supervisors and mentors, to orient them to the reporting requirements and review common errors in reporting.
- The “Working as an Engineer in Saskatchewan” (WES) pilot seminar was offered as a 13-week course (one night per week) in fall 2010 and winter 2011 at both universities. Over 80 international engineering graduates from 20 different countries have participated. A third WES seminar is planned in 2012 at the University of Saskatchewan.
- Reorganized office staff to form a Registration Department and hired a registration coordinator.
- Administrative process established for managing compliance and prohibition activity on member database.
- Licensee awareness campaign launched in September.

GOAL 3: Proactively regulating the professions.

- Continued involvement in the Pacific NorthWest Economic Region (PNWER).
- Executive member participating on the host committee for the PNWER 2012 Summit in Saskatoon (July 2012).
- Hosted annual MLA reception in December 2011.
- Monitored and participated in activities of the Ministry of Environment’s results-based regulatory model work, including the Qualified Persons Advisory Committee (QPAC).
- Represented the professions in a variety of political, professional and public forums as opportunities arose.
- Continued to hold joint APEGS/CES Executive Committee meetings biannually.

- Raised awareness for using licensed professionals through trade shows and industry events.

GOAL 4: Ensuring sustainability of the professions.

- Increased annual contributions in support of Saskatchewan Science Fairs from \$1,200 to \$1,500.
- Provided \$19,000 funding to 26 regional and national student activities.
- Working on the collaborative development of outreach resources for a grade 8 water resources unit with the Environment & Sustainability Committee, with specific focus on incorporation of indigenous ways of knowing (i.e. First Nations outreach) and education for sustainable development. This includes working with fourth year teacher candidates from the College of Education, University of Saskatchewan, in the winter 2012 semester to develop a draft of the unit plan (will include several lesson plans).
- Awarded 19 book prize awards and four APEGS Gold Medals for student achievement.
- Provided staff speakers as guest lecturers for university classes.

GOAL 5: Meeting the requirements of ongoing governance and operations.

- Revised Council meeting agenda to promote more efficient use of time.
- Volunteers educated on obligations of being committee members (i.e. quorum requirements, etc.).
- Implemented e-voting for 2012 elections.
- Patron sponsor for the University of Saskatchewan College of Engineering 2012 centennial.

Respectfully submitted,

Shawna L. Argue, P.Eng., FEC
Past President

Thank you to our volunteers!

APEGS depends on contributions of hundreds of volunteers who carry out the functions of our committees and assist with special projects and events. These are people who take time out of their own busy schedules to donate their time and talents for the benefit of public safety and the advancement of our professions. Please join us in thanking all of these dedicated individuals.

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