

We See More



A P E G G S

*Association of Professional Engineers
and Geoscientists of Saskatchewan*



2013 Annual Report

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President's Report

Wow has the time flown. One of the comments that I received from numerous Past Presidents when my term as President began was that the year would be over before I knew it. They were right. It has been a very busy year but also a great experience. The opportunity to participate in meetings across the country on your behalf and to meet many dedicated people to the professions has created lasting memories and friendships.

A quick summary of the cross Canada meetings that I was able to attend this year included; Geoscientists Canada meetings in Winnipeg in May, and Toronto in November; Engineers Canada meetings in Yellowknife in June, Ottawa in October, and Gatineau in February; Pacific Northwest Economic Region (PNWER) meetings in Anchorage in July and Banff in November; and Provincial Association Annual meetings at Halifax in September, Whistler in October, Moncton in February and Edmonton in April. Due to my conflicts with travel to other meetings Andrew Loken was able to represent us well at Winnipeg in October and Niagara Falls in April. Thank you Andrew.

To start the year off we again invited the chairs of the various APEGS committees to attend the council orientation session held in Moose Jaw in June. This session provided an opportunity for the newly elected councillors to gain an understanding of their responsibilities as elected members of council. It also gave the volunteer chairs of our committees an opportunity to see how the work of their committees affects the workings of the Association.

Also in June, some members of Executive Committee and senior staff attended an Engineering Summit hosted by the Faculties of Engineering at both the University of Saskatchewan and University of Regina. The purpose of the summit was to review engineering educational needs in the province moving forward and potential solutions to the anticipated engineering education shortfall.

Throughout the year, five APEGS council meetings were held in addition to eight APEGS executive committee meetings. Members of Executive Committee and senior staff attended a number of liaison meetings throughout the year including meetings with ACEC-SK, the University of Saskatchewan, the University of Regina, the Saskatchewan Association of Architects, and the Minister of Highways and his representatives who are responsible for *The Engineering and Geoscience Professions Act*.

The Connection & Involvement Committee once again organized our annual

volunteer appreciation day in Moose Jaw in the fall, and the Professional Development Committee organized another very successful PD session.

Our Association membership has continued to grow in 2013. This growth has provided some challenges for our staff and volunteers who continue to support our efforts to provide effective regulation of the professions of Engineering and Geoscience.

In response to some of these challenges, APEGS Council at its June meeting voted to sign a lease for new office space at the Harbour Landing Business Park in southwest Regina. This new office will replace the current space which we have outgrown and will provide opportunities for the long term success and growth of our Association. With the development of the new space, it will now be possible to fill some staff positions required to meet our growth needs. The office will include new and expanded meeting rooms sufficient for conducting committee business complete with current digital technology for video conferencing. Access to the new office is conveniently off of Lewvan Drive and Parliament Avenue with plenty of parking for staff and volunteers. Come to the Annual Meeting in May to get a preview of the new office space. Occupancy is planned for mid-May.

I would like to highlight a couple of national issues that have been a significant part of the APEGS national agenda over the past year. The first one is a renewal or refocusing of Geoscientists Canada. Due to some dissatisfaction with Geoscientists Canada operation by one of its members, Greg Vogelsang, President of Geoscientists Canada and an APEGS member, has solicited input from the members across Canada regarding their views on the purpose and role of Geoscientists Canada. Executive Committee along with Council and staff presented detailed comments to Greg regarding our views of the role and function that Geoscientists Canada should play in the future. It is hoped that with the comments from its members, who are the regulatory associations for Geoscience across Canada, Geoscientists Canada operations can be streamlined to support its members in their regulatory function. One of the other primary values of Geoscientists Canada is the opportunity to discuss issues of common concern across the country and to determine best practices in the regulation of the profession.

The other major national issue over the past year has been the issue of incidental practice. I have elaborated on this issue in a Presidents message within the *EDGE* during the past year. It is APEGS view that incidental practice

or unlicensed practice is not permitted within *The Engineering and Geoscience Professions Act* in Saskatchewan and therefore cannot be supported by the regulatory body charged with upholding the Act. We believe that this should be the case across the country and that the other provincial associations should not permit this just for expediency. APEGS belief is that the biggest driver for incidental practice is a reluctance of members to pay membership fees in multiple jurisdictions since registration across Canada is now quick and easy with the Agreement on Internal Trade. The only jurisdictions currently permitting incidental practice are APEGBC and APGO on a trial basis and only for geoscientists. We strongly believe that this is a step backward in regulation of the professions and not in the public interest.

APEGS is very fortunate to have such a dedicated Council to serve its members. Thank you to all of Council for your support and all of your work during the past year. Council for the 2013 – 2014 year included:

Dwayne Gelowitz, President, P.Eng., FEC
Leon Botham, Past – President, P.Eng., FEC, FGC (Hon.)
Andrew Loken, President – Elect, P.Eng., FEC
Margaret Anne Hodges, Vice – President , P.Eng., FEC
Dave Kent, P.Eng., FEC
Andrew Lockwood, P.Eng., FEC
Ian Sloman, P.Eng.
John Unrau, P. Geo.
Robert Cochran, P.Eng.
Tara Zrymiak, P.Eng.
Stormy Holmes, P.Eng., FEC
Penelope Popp, P.Eng.
Rob Stables, P.Eng.
Ben Boots, P.Eng., FEC
Terry Fonstad, P.Eng.
Michael Famulak, P.Geo. (Part year)
Mark Wittrup, P.Eng., P.Geo. (Part year)
John Pearson, P.Geo.
Dwayne Entner, Public Appointee
Gerry Hertz, Public Appointee
Sandra Foster, P.Geo., FEC (Hon.) Geoscientists Canada Director
Rick Kullman, P.Eng., FEC Engineers Canada Director

A special thank you to my colleagues on Executive Committee: Leon Botham, Andrew Loken, and Margaret Anne Hodges for your support, and all of your hard work. You have made the past year enjoyable and memorable. I would like to wish Andrew and Margaret Anne great success in their upcoming years as President. Leon, good luck in your next voluntary pursuit.

To our amazing APEGS staff, you continue to represent us in the professions very well and provide excellent service to our members, our applicants and the public. Thank you also to the hundreds of volunteers who make our Association function. You are the backbone and strength of APEGS.

Finally, thank you to my wife Donna, my son Bryn and daughters Alyssa and Brianna for your support and understanding. Without your support and assistance I would not have been able to pursue this great opportunity.

It truly has been an honour and a privilege to be APEGS President over the past year. I hope that I was able to live up to the examples of my great predecessors. I look forward to my upcoming role as Past President and whatever the future of my career may hold.

Respectfully submitted,

Dwayne Gelowitz, P.Eng., FEC
President

Executive Director and Registrar

The number of APEGS members and licensees grew by 7.4 per cent during 2013. This is a slight drop in growth over 2012, but is still a positive sign for the Saskatchewan economy. Our members and licensees have a large influence on economic growth.

Registration

The Membership Statistics table at the end of this report lists the net outcome of all registration activities. It does not capture the number of inquiries, the number of applications or the number of files in process. The two Association committees with the heaviest workload are the Academic Review Committee and the Experience Review Committee. The number of members-in-training who are reporting work experience increased again in 2012 and the number of international engineering graduate applicants continued to grow.

New Website and e-Business Services

Our new website was completed in 2013 and went live in December. This allows our website to be viewed in different formats using different devices. We've added additional on-line services allowing members to now pay dues, update their contact information, report CPE activity, register and pay for events, make various applications and pay the application fee. Further e-business capability will be added to the website in 2014.

Office Accommodations

With the growth in our membership comes the need to grow the staff. In 2013 we reached capacity in our current office and began searching for a new office location large enough to fit our needs. By mid 2013 we secured a new office location at #300 – Building 1000, 4581 Parliament Avenue, Harbour Landing Business Park in Regina. This location is in the new Harbour Landing area immediately south of the Regina Airport. This location has easy access and has ample parking for members, volunteers and staff. Construction is currently underway on the tenant fit-up and our move will likely occur in mid-May 2014.

Reporting Continuing Professional Excellence (CPE) Activity

Currently it is not mandatory for APEGS members to report their CPE activities to APEGS, but members are encouraged to report. We have taken steps to facilitate reporting on-line and will continue to improve our on-line reporting capability. Your Council is monitoring national developments on mandatory reporting of professional development activities. I would encourage all members to promptly report their CPE activities if they are not already doing so.

Outreach

Throughout 2013 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. APEGS continued with the practice of holding an annual MLA Reception, holding its 14th annual reception during the 2013 fall legislative session. This provided an excellent opportunity for politicians to meet engineering and geoscience professionals and to discuss issues relevant to Saskatchewan and our professions.

Incidental Practice

Last year I reported that several Constituent Associations (CAs) were in discussions aimed at establishing an incidental practice scheme for Geoscientists. These discussions explored practice without the need to be licensed in the host jurisdiction. In October 2013, the Association of Professional Geoscientists of Ontario (APGO) and the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) announced they had negotiated a two-year pilot project to allow geoscience professionals registered in one of the signatory provinces to perform short term work in the other without the need to hold a licence in that province. The pilot program begins on January 1, 2014. The confusion over the need to be licensed in each jurisdiction in which you practice will be problematic for APEGS and will lead to an increase in enforcement activity in Saskatchewan. Your Council carefully considered the proposal and found no evidence that it enhances safeguarding the public or protecting the environment, or that it is in the public interest, and as a result, does not support any scheme that facilitates or condones practicing without holding a licence.

Canadian Framework for Licensure

Under the auspicious of Engineers Canada, the Constituent Associations (CAs) are developing the Canadian Framework for Licensure (CFL). This initiative will develop foundational documents which can be used by the CAs as a guide to consistent regulatory policies and practices. Developed through a comprehensive analysis and national consultation process, these documents outline the elements of a framework for regulation of our professions. The CFL is not intended to be a “model Act;” and is intended to allow CAs the flexibility to implement individual Act and regulatory changes on their own timetable.

I thank all members who volunteered their time during 2013 in support of our professions. I especially thank President Dwayne Gelowitz, P.Eng., FEC, Executive Committee, Council and my staff for their strong support throughout the year.

Membership Statistics

MEMBERSHIP CATEGORY	2012	2013	CHANGE	% CHANGE
Professional Engineers	6566	7168	602	9.2%
Professional Geoscientists	585	580	(5)	(0.9%)
Engineers-in-Training	1565	1607	42	2.7%
Geoscientists-in-Training	152	154	2	1.3%
Geoscience Licensees	5	6	1	20.0%
Engineering Licensees	26	32	6	23.1%
Temporary Licensees	80	78	(2)	(2.5%)
Licence Requirement Waived P.Eng./P.Geo./Members-in-Training	813	906	93	11.4%
Life Members (P.Eng. & P.Geo.)	650	685	35	5.4%
Total Members/Licensees	10442	11216	774	7.4%
Resignations	297	281	(16)	(5.4%)
Permission to Consult	664	506	(158)	(23.8%)
Certificates of Authorization	992	1083	91	9.2%

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%), 2011 (+9.7%), 2012 (+12.9%) and 2013 (+7.4%).

Respectfully submitted,

Dennis K. Paddock, P.Eng., FEC, FCSSE, FCAE,
FGC (Hon.)
Executive Director and Registrar

Investigation Committee

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 can initiate an investigation only 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 multi-disciplinary Investigation Committee leads the investigation process which involves gathering, examining and weighing evidence, commonly over the course of multiple meetings. In cases where a subject matter is encountered that requires external support, the APEGS staff will commission an expert to review evidence and provide an opinion.

Upon completion of its investigation, the committee documents its findings and recommendations in a written report. 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 the case that the Investigation Committee recommends that no further action be taken, complainants may request that Council review the recommendation. Upon such a recommendation, Council may support the committee's decision. Alternately Council may refer the matter back to the Investigation Committee to investigate the matter further.

The Investigation Committee met five times throughout 2013. Two cases were carried forward from 2012 and two new complaints were brought to the committee in 2013. During 2013, the committee closed one case with the recommendation that no further action be taken, and also moved one case forward to the Discipline Committee. As of January 1, 2014, two case files remain under investigation.

The Investigation Committee must consist of at least nine APEGS members appointed to the committee by Council to serve for a three-year term, which may be extended for a second three-year term. In 2013, the committee experienced turnover in member volunteers, losing six volunteers and then bringing on five. The Investigation Committee must also have one public appointee. After almost a decade of service, our public appointee's term ended in 2013 and a new public appointee was appointed by Council. Thank

you to past and current committee members for their valuable contributions to the committee.

The Investigation Committee continues to receive invaluable legal counsel from Lyle Jones, P.Eng., LL.B. I commend the APEGS staff for their outstanding efforts in supporting the work of the Investigation Committee. I would also like to thank our past Chair for his leadership until mid-2013.

Respectfully submitted,

James Gates, P.Eng.
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 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 the Discipline Hearing Panel are open to appeal only through the courts.

The Act requires that the Discipline Committee receive Closing Reports from the Investigation Committee upon closure of an investigation that does not result in a formal complaint being made to the Discipline Committee. In 2013, the Chair of the Discipline Committee received two closing reports. The reports were reviewed in confidence by the Chair, and returned to APEGS. In 2013 no formal complaints were made to the Discipline Committee, and no hearings were held. The committee met on two occasions in 2013.

In 2013 Ian Flegel, P.Eng. was appointed the new chairperson for the committee. I would like to thank our committee support, Patti Kindred, P.Eng., FEC for her work in helping with the business of the committee and the transition between Chairs.

Respectfully submitted,

Ian Flegel, P. Eng.
Chair

Governance Board

The work of the Governance Board is vital to the fulfillment of APEGS' mandate and statutory objects 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 APEGS' policies on registration and 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 APEGS' membership. The Academic Review, Experience Review, Licensee Admissions, Professional Practice Exam, Registrar's Advisory and Legislative Liaison Committees report to the Governance Board. The Board is chaired by the APEGS President and is comprised of the Committee Chairs and Liaison Councilors from these five committees. The APEGS representative to the Saskatchewan Construction Panel also sits on the Board.

Over the past few years, APEGS has seen significant growth in the number of applicants for membership and registration. The committees of the Governance Board, in particular the Academic Review Committee and the Experience Review Committee, have experienced significant growth in their workloads as a result of this growth in applications which have reached record numbers in 2013. To ensure that applications are dealt with by our Association in a timely manner, the committees have recruited new volunteers, and they have streamlined their processes to facilitate the increased workload. I want to express my sincere appreciation to this dedicated group of volunteers, who play a pivotal role in the function of APEGS.

Each of the reports which follow, present the details of the objectives, activities and accomplishments of the various committees that form the Governance Board. Thank you to the many volunteers who have generously

Academic Review Committee

given their time, talent and insights to the committees of the Governance Board. And thank you to the many employers who support their employees as they give back to our professions.

On behalf of the Board, I also want to acknowledge and thank Tina Maki, P.Eng., APEGS Director of Registration, for her coordination of the Governance Board activities and agenda this year. I would also like to thank Dennis Paddock, P.Eng., FEC, Executive Director & Registrar, Kate MacLachlan, P.Geo., APEGS Director of Academic Review, Patti Kindred, P.Eng., APEGS Director of Education and Compliance, and the rest of the APEGS staff for their help with Governance Board activities.

Respectfully submitted,

Dwayne Gelowitz, P.Eng., FEC
Chair, Governance Board

Individuals who have graduated from an accredited Canadian university and are registered in another Association/Ordre in Canada or who otherwise fall under the Registrar's Acceptance List are quickly registered as a P.Eng./P.Geo. or as a member-in-training when they apply to be registered in Saskatchewan. However, there are many people who apply to APEGS for registration from abroad, who have degrees that are not known in Canada. It is the role of the Academic Review Committee (ARC) to review these applications and to determine if they have the academic qualifications to be eligible for registration in Saskatchewan.

The assessment of applications referred to the ARC, particularly the engineering applications, can be time-consuming and complicated. 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. Through the review process, the ARC advises applicants of any deficiencies and pathways forward to fulfill those deficiencies. Even if the applicant does not have any deficiencies, or has fulfilled assessed deficiencies, they will usually be assigned three confirmatory exams. The confirmatory exams are intended to determine if the courses they took are at a level comparable to 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 (ERC) or if they hold an M.Sc. or Ph.D. from an acceptable university, as determined by the ARC.

During 2013 the ARC reviewed 143 applications for engineering, compared to 131 in 2012. From these reviews, the ARC recommended 35 to the Registrar for registration. There were 76 applicants who were assigned confirmatory exams, and of those, 44 were given the option to submit work experience reports to ERC to have the exams waived. There were 20 applications that involved the assignment or upholding of deficiency exams. Ultimately of all applications brought before the ARC, only two were denied. Additional applications were brought back to ARC for approval of courses, provision of exam/course results or request for review of previous ARC decisions.

In 2013, the ARC considered 12 geoscience applications compared to 12 in 2012. Of these applications, six were recommended for registration as geoscientists-in-training, four had deficiencies assigned and two were assigned confirmatory exams and given the option to submit work experience to ERC to have the exams waived.

Licensee Admissions Committee

Since 2009 the workload for ARC continues to significantly increase. To assist with this workload, ARC spent significant time and effort to help train potential candidates to do a detailed self-assessment that aids the committee for a more detailed review of the applicant's academic background. With the self-assessment, the use of a consent agenda, and the tremendous help of ARC reviewers, the committee has been able to process more applicants during a meeting. The committee continues to look at practices to try and identify ideas that might help to improve the efficiency of the academic review process.

ARC strives to ensure that there is representation on the committee from a variety of disciplines, both from industry and 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 a unique perspective to the committee and a first-hand knowledge of the education system in their home countries. Additionally, they have gone through the process of registering in Saskatchewan or other Canadian jurisdictions, so they understand the application procedures.

ARC has had an extremely busy year and would like to express our gratitude and appreciation for the staff at APEGS and the dedication of our volunteers who contribute a significant amount of time and brainpower to the committee and to APEGS.

Respectfully submitted,

Kevin McCullum, P.Eng.
Chair

2013 saw continued interest in the Restricted Licence program. An APEGS Restricted Licence allows qualified individuals without a formal education in engineering or geoscience to practise professional engineering or geoscience.

The holders of an APEGS Restricted Licence are referred to as Engineering Licensees or Geoscience Licensees. These individuals are provided with a defined scope of work that is individually tailored to their specific training, work experience and expertise. The exact requirements for obtaining a Restricted Licence vary and are based on a combination of formal education and work experience.

The Licensee Admissions Committee is responsible for reviewing applications for Restricted Licences and for defining the ultimate scope of work for successful applicants.

The committee met three times in 2013. The agenda items of those meetings included consideration of 12 new Licensee applications and the completion of several applications carried over from 2012. In total, eight applications were recommended to the Registrar for approval and registration as a Licensee.

The Restricted Licence option has historically suffered from poor recognition in industry. However, APEGS has recently focused on marketing this program. Happily, Restricted Licences are gaining wider recognition and are generating new interest among scientists, technologists and other potential candidates.

If you or someone you know have any questions about applying as an Engineering Licensee or Geoscience Licensee, please contact Patti Kindred at the APEGS office: local Regina (306)525-9547, toll free 1-800-500-9547 or by email at pkindred@apegs.ca.

In closing, we would like to thank our director, Patti Kindred, P.Eng., FEC, for her continued support, hard work and endless patience with the Chair. We will continue to promote knowledge of this great program in 2014 and we anticipate continued growth in our membership in the coming years.

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 Experience Review Committee reviewed 1,298 work experience reports in 2013, a new record number of reviews. This was an increase of 13 per cent over the number of reports from 2012. Included in that total were a record high 128 reports reviewed for international engineering graduates referred from the Academic Review Committee.

In response to the increasing number of reports, the committee expanded from 27 to 34 members by the end of 2013. The committee would like to thank the retiring members whose terms ended in 2013 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 10 new members who joined the committee in 2013.

The committee would like to thank Tina Maki, P.Eng., FEC, FGC (Hon.) and all other APEGS staff for the support they have provided to the committee in 2013.

Respectfully submitted,

Dan Bonnet, P.Eng.
Chair

Professional Practice Examination

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 Exam.

The Law and Ethics Seminar is held in Saskatoon in the spring and in Regina in the fall 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 26/27, 2013 with 180 registrations and the fall seminar was held on September 13/14, 2013 in Regina with 138 registrations. The Professional Practice Exam is offered twice a year and written a number of weeks after each seminar. A total of 188 people wrote the spring exam on June 1, 2013 with three failures and 142 people wrote the fall exam on October 26, 2013 with zero failures – a result that has not been experienced in recent history.

A realigning of the seminar was conducted in 2013 that will be rolled out in 2014. This involved dividing up the comprehensive legal-related content in reflection of feedback received from seminar participants. In addition, some of the information content of the seminar is being reviewed relative to a web-based application which would allow the seminar to have more direct engagement.

Respectfully submitted,

Doug Kelln, P. Eng.
Chair

Registrar's Advisory Committee

The Registrar's Advisory Committee reports to the Governance Board. The committee is comprised of five members: Chair of the Academic Review Committee, Chair of the Experience Review Committee, Chair of the Licensee Admissions Committee, Chair of the Professional Practice Exam Committee and a Liaison Councillor appointed by Council. The Registrar will call on the Registrar's Advisory Committee to provide a recommendation on how to proceed with an application for membership or licensure should any question of character arise. The committee uses the Good Character Guideline established by Council as its guide when making decisions.

The committee met twice in 2013. Both meetings involved one applicant where discussion and resolution were achieved and a recommendation made to the Registrar. Outcomes of cases are published in The Professional Edge without names for the information of members, applicants and the public. The Terms of Reference for the committee were also revised and updated during 2013.

The committee would like to thank Tina Maki, P.Eng., Kate MacLachlan, P.Geo., Bob McDonald, P.Eng. and all other APEGS staff for the support they have provided to the committee 2013.

Respectfully submitted,

Registrar's Advisory Committee

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.

Ten new Bills were introduced at the spring sitting of the Legislative Assembly which commenced on March 4, 2013 and concluded on May 16, 2013. Thirty-four new Bills were introduced at the third session of the 27th Legislature which commenced on October 23, 2013 and concluded on December 5, 2013. A total of 44 Bills were monitored during the year. The 44 Bills that were monitored have no direct 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

Image and Identity Board

The Image and Identity Board is responsible for the public image and communications of APEGS as well as membership engagement and recognition. 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 recognition for deserving members and projects
- Providing a channel for technical input and communication on public policy issues of concern to the professions
- 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 seven APEGS awards which were presented at the Annual Meeting and congratulations to those members bestowed with the Fellow of Engineers Canada (FEC) and Fellow of Geoscientists Canada (FGC). 2013 was the first year that the FGC titles were presented
- Support and participation in Saskatchewan Innovation Week that saw presentations and workshops taking place in Saskatoon and Regina
- The preparation by current and former board members and members of the Equity and Diversity Committee to host the 2014 Canadian Coalition of Women in Science, Engineering, Trades and Technology (CCWESTT) conference
- The completion of the first year of a three-year media awareness campaign

for engineering and geoscience with the theme “We See More,” including television advertising with the first spots airing during Engineering and Geoscience Week in 2013

- The ongoing revamp of the APEGS website with the site going live in December 2013

Like all of APEGS boards and committees, the member volunteers, staff and consultants working with the Image and Identity Board and committees have a great attitude towards carrying out the activities of the Association. It has been my pleasure to work with this fine group of people who undertake the important task of communicating the value of our professions to the public at large as well as to our own members.

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

Respectfully submitted,

Andrew Loken, P.Eng., FEC
Chair

Connection and Involvement Committee

The Connections and Involvement (C&I) Committee's role is to provide added services to the members. Its main activities are organizing the Annual Meeting (AM), managing relationships and facilitating activities with constituent societies, developing and maintaining membership benefits and affinity programs and coordinating volunteering. Our objective is to keep all the members of APEGS informed, engaged and involved in both APEGS and the constituent societies.

The 2013 AM was held in Regina on May 2, 3 and 4. The theme of the three-day event was Lives and Careers – A Balanced Approach. Members had opportunities for networking, personal/professional development through presentations and an introduction to the newly elected Council.

A C&I subcommittee, with assistance from APEGS staff and volunteers, completed the comprehensive "Annual Meeting Planning Guide." It is in the hands of the 2014 AM Planning Committee who will provide feedback on the guide at year-end. This document was developed to assist the AM Planning Committee with the planning and execution of this important yearly event.

The 2014 AM Planning Committee was formed shortly after the 2013 AM and throughout the year work continues for the 2014 AM to be held in Saskatoon on May 1, 2 and 3. This year's theme is Growth and Diversity – We See More. There are a full range of activities and events scheduled throughout the three-day event and it is hoped that attendance will be high for all activities including the main event, the Annual Meeting.

The C&I developed and sent out member surveys, the Annual Salary Survey and the new Annual Meeting Survey. Both surveys provide valuable information to the members and the committees. The Annual Salary Survey provides members with salary baselines under several categories and is updated yearly. The information is compiled and the results are posted in *The Professional Edge* and on the website. The Annual Meeting Survey was launched last year to obtain feedback from the members to assess the value of the event and to discover ways to encourage attendance at future Annual Meetings. The results were published in the September/October issue of *The Professional Edge*.

The C&I continues to explore ways to encourage participation of APEGS members with their constituent societies. Every Saskatchewan-based active member of APEGS is automatically assigned to a constituent society by

profession and location. The new website has an online service for members to permit release of their email address to their assigned constituent society so that they can be kept informed and involved in local activities.

A new grant formula for constituent societies came into effect in 2013. With this being the first year of its application, we cannot assess how this change affected the constituent societies' ability to provide services to their members. The grant applications were slow coming in due largely to the changes in reporting.

The C&I has updated the information on members' benefits that were gathered and presented to the members last year and is developing a brochure outlining those benefits. The brochure will be available to members on the website and hard copy for distribution at events.

The C&I held the annual Volunteer Orientation Day in Moose Jaw on October 5. The day included a presentation on volunteer duties and responsibilities, a presentation on communication skills for volunteers by RGI Learning, networking during lunch and a social event. The next Volunteer Orientation Day will be held at the Moose Jaw Mineral Spa on September 6, 2014. This event provides valuable and needed volunteer orientation, is an opportunity for all committees to schedule face-to-face meetings, and encourages networking between committees and their members. This event is fully funded by the C&I. High attendance is our goal.

Respectfully submitted,

Renée Chevalier, P. Eng.
Chair

Professional Edge Committee

The Professional Edge Committee mandate is to publish current and relevant articles regarding subject areas of interest to the Saskatchewan community of professional engineers and geoscientists. To meet this mandate the Professional Edge Committee publishes *The Professional Edge* once every two months. In addition to publishing *The Professional Edge*, the committee mandate includes setting business and publishing policy.

The Professional Edge covers a wide array of topics and articles. Each edition focuses on a central theme that relays at least one unique aspect of engineering or geoscience in Saskatchewan. It is the committee's intent to provide a balanced perspective regarding the articles contained in the publication and to engage as many different areas of interest as possible among the large and diverse membership. It is also the committee's intent that each issue contains relevant material for all readers. To this end, the committee invites members' input and ideas for articles to be included in the publication.

The Professional Edge remains a printed magazine. The value of a physical publication continues to outweigh that of the electronic versions that often get buried deep in electronic communication. The committee recognizes that a physical copy of *The Professional Edge*, made available to key non-member decision makers in industry and government, continues to provide a strategic advantage to APEGS in executing its mandate to protect the public. Print media are shown to be better at the delivery of localized news, adhere to historical storage (yes, that stack of *The Professional Edge* magazines on your shelf), and provide a "shelf-life" value characteristic promoting engineering and geoscience in Saskatchewan far beyond the publication date. Electronic media are better suited for fast-breaking news and permit longer and hyperlinked articles with more efficient archiving and search and retrieval capabilities. The committee continues to monitor and explore publication opportunities due to technological advances in the publishing industry. The trend to move to timelier and environmentally friendlier publications will be a strong influence on the future of *The Professional Edge*. A combination of multiple publication techniques will continue to be used for *The Professional Edge*.

The publication of *The Professional Edge* is aided greatly by the work of the members of the Professional Edge Committee and the editorial skills of Lyle Hewitt, Martin Charlton Communications. The committee wishes to express

its gratitude to the past Chair of the Professional Edge Committee for his outstanding leadership and guidance during his term as Chair and to the APEGS staff for ongoing support of the committee.

Respectfully submitted,

Robert Schultz, P.Eng.
Chair

Communications and Public Relations Committee

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

The committee traditionally works on a two-year cycle developing a multimedia campaign which primarily utilizes billboards, radio, web media, and print media as a means of reaching our target audiences. Print media will be utilized as reinforcement throughout the year.

A major initiative in 2013 was the introduction of the “We See More” campaign which incorporated the two sub-messages of “prosperity” and “safety.” This multimedia campaign focused on Engineering and Geoscience Week and featured 30-second television ads together with strategically placed billboards. This three-year program continues during the 2014 Engineering and Geoscience Week.

Another initiative included the revamping of the APEGS website, with both the front and back ends targeted for updating. The back end work improved 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 improved the layout and flow of the website to better serve the members, future members and the public in general. The website went online in December 2013.

The committee has been well served in 2013 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. I would also like to thank Martin Charlton Communications for their enthusiasm and new ideas for our committee, and the APEGS staff who have helped immensely with the transition between new Chairs, new consultants, and new websites.

Respectfully submitted,

Robert J. Berry, P.Eng. FEC
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 and geoscience professions and the importance of maintaining a respectful workplace. The Equity and Diversity Committee encompasses five equity groups:

- Women in engineering
- Aboriginal persons
- Visible minorities
- International graduates
- Persons with disabilities

This year has been a year of transition for the committee. We continue to focus on becoming involved in providing guidance to other APEGS committees, where appropriate, and to find other groups/events that have similar purposes, and provide support and develop partnerships. We have found, however, that with committee volunteer turnover we have several areas that currently do not have dedicated volunteers. The most significant vacancy is that of Chair. While the committee has been able to function under the direction of the Vice-Chair, the committee is looking for someone who feels strongly about representing one or all of representative equity groups and is willing to take on that role.

The Women in Engineering Subcommittee has been greatly reduced due to membership turnover but we continue to support the planning for the 2014 Canadian Coalition of Women in Engineering, Science, Trades and Technology (CCWESTT) conference which is being held May 21-24 in Regina. Dr. Dena McMartin, P.Eng. is still the Chair of the planning committee and represents APEGS on the CCWESTT national committee.

The Aboriginal Subcommittee has actually grown over the past year. The subcommittee has met for several brainstorming sessions and is currently trying to establish connections within Aboriginal communities. The current focus is on meeting with the new Dean of Engineering at the University of Saskatchewan to lay the groundwork for a mentorship program for students with Aboriginal ancestry.

Education Board

The Visible Minority Subcommittee currently does not have any members. We are looking for anyone interested in serving on this subcommittee.

The International Graduate Subcommittee has been monitoring the developments in policy pertaining to registration and certification of international graduates. This subcommittee is currently a subcommittee of one, so we are also looking for people who are interested in serving on this subcommittee.

The Persons with Disabilities Subcommittee currently does not have any members. We are currently looking for anyone interested in serving on this subcommittee.

The committee supported and participated in many other events throughout 2013. Support is through donations, attending, planning, hosting and volunteering for events.

A special thanks to all current and former committee members for their contributions in 2013.

The committee would also like to recognize APEGS staff for their help with some of the initiatives this year.

Respectfully submitted,

Cathy Starkell, P.Eng.
Vice - Chair

The Education Board fosters the development of potential, future and practising Professional Engineers and Geoscientists. We accomplish this by promoting science, mathematics and environmental sustainability 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.

The Education Board was well served in 2013 by many capable and enthusiastic volunteers who make up the board and its four constituent committees.

Following are annual reports of the four standing committees and reports of the University of Saskatchewan Senate and University of Regina Senate to the Education Board:

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

The PDC has the responsibility for ensuring our members maintain their professional excellence. In part this is accomplished through providing professional development opportunities for members. RGI's writing course "Get to the Point" was sold out in January, as was the Ministry of the Environment seminar "Working with the Environmental Code." In conjunction with these events, the Environment and Sustainability Committee and SENS provided a workshop "Urban Transportation and Design: Getting Where We Need to Go." The committee also spent time developing their three-year plan to deliver a greater variety of professional development events at locations more convenient to members across the province.

The K-12 Committee works to develop outreach resources supporting the math and science curriculum for Saskatchewan educators and students and resources that allow primary and secondary students to understand,

appreciate and consider careers in professional geoscience and engineering. This year the committee has continued building on the two very successful projects from last year: the Career videos created by students from Walter Murray Collegiate in Saskatoon with participation by our members, and Dam Effects, created to complement the grade 8 curriculum on water resources.

The Student Development Committee works to foster an understanding of our self-regulated professions among university students. The committee accomplishes this primarily through 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. This year the committee put into practice the newly developed funding model applying the new criteria to student requests. Over \$15,000 has been given in grants and \$40,000 in sponsorship to University of Regina and Saskatchewan students.

The Environment & Sustainability Committee helps guide and bring awareness to APEGS and committees on environmental issues in everything that we do. The committee is very excited to be contributing to the "Model Guide for Engineers Canada Constituent Associations Principles of Climate Change Adaption for Professional Engineers."

Some of the most recent initiatives of the Education Board include:

A copy of the picture book Rosie Revere, Engineer (target K to grade 4) was sent to every primary school in the province during National Engineering and Geoscience Week (approximately 900 copies were distributed). The author, Andrea Beaty, will be a keynote speaker at the APEGS 2014 Annual Meeting.

APEGS supports both the University of Regina and University of Saskatchewan Engineering libraries. This past year funding was increased. The terms of reference are being revised to improve access to library material through new media options for the benefit of APEGS members. This year's Professional Development/Annual Meeting will include a session on how to use the libraries' services. Likewise, greater APEGS branding is being established.

The University Scholarship/Bursary programs at the Universities of Regina and Saskatchewan launched October 1, 2013. This includes the grants for APEGS members looking to pursue postgraduate studies.

APEGS will be sponsoring the Teachers' Experience Day during the Canadian Coalition of Women in Engineering, Science, Trades and Technology Conference (May 22-24). Ten teachers from around the province will attend not only the conference but an industrial field trip so they can experience the full breadth of how geoscience- and engineering-related careers support the Saskatchewan economy.

The Education Board has started to reinvigorate the Innovators in The School program managed through the Saskatchewan Science Centre. This will result in new terms of reference to enhance the program.

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,

Margaret Anne Hodges, 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. One of the ways we do this is by offering members various opportunities for obtaining professional development (PD), helping members maintain competence and stay current in their chosen field, which is a requirement under the APEGS Code of Ethics. A membership survey conducted in the summer of 2013 has provided feedback and suggestions to the PDC on delivering these activities.

PDC was once again active in 2013, organizing professional development opportunities for members by assisting with the planning and delivery of the fall/winter PD session and the PD Day at the APEGS 2014 Annual Meeting. The PDC's fall Professional Development Days were delayed until January 2014 to coordinate our general PD Days format with an Urban Transportation Conference. The Urban Transportation Conference was organized by volunteers from the APEGS Environment and Sustainability Committee, the City of Saskatoon and the University of Saskatchewan. For the APEGS tracks, the Ministry of Environment organized a seminar on managing the environment, while RGI presented a two-day seminar on practical writing for technical professionals. The APEGS PD Days and the Urban Transportation Conference were held on January 23 and 24, 2014 at the Parktown Hotel in Saskatoon. Response to the PD Days sessions was positive and both offerings sold out. The Urban Transportation Conference also had good support and was also attended by students from the local school systems.

The PDC has introduced a three-year plan to further enhance professional development opportunities. The highlights of the three-year plan include implementation of suggestions coming out of the membership survey, hiring of an event planner (Eye Inspire) to assist in the organization and delivery of PD opportunities, addition of new members to the committee, development of a formal agreement and terms of reference for the annual library grants provided to the University of Saskatchewan and University of Regina by APEGS through the PDC, increasing the frequency of annual PD opportunities and working towards mandatory reporting of CPE by APEGS members.

In closing, we would like to thank our fellow APEGS committees and our constituent organizations. We would especially like to recognize the contributions of the APEGS Environment and Sustainability Committee, APEGS Connection and Involvement Committee, Engineers Canada and the

Saskatoon Engineering Society. As well, the City of Saskatoon and University of Saskatchewan also deserve recognition in the organization of the Urban Transportation Conference.

Respectfully submitted

Terry Werbovetski, P.Eng.
Chair

Student Development Committee

The Student Development Committee is the liaison between APEGS and university faculty and students. This is achieved through student awards and scholarships, attendance at career fairs and sponsorship of student events.

In 2013 the SDC accomplished several of its goals and participated in affiliated projects:

- To build on the success of the Funding Criteria Subcommittee, we were able to refine our sponsorship scoring matrix even further. Combined with a consistent increase in available funds, our final decision meeting length has gone from three hours to 30 minutes.
- The SDC was also part of a subcommittee to create new scholarships for university students. In total, \$50,000 was split between grad, undergrad and entrance awards for both the University of Regina and the University of Saskatchewan. The scholarships were awarded for the first time this year.
- The committee again includes in its membership a faculty representative in both Engineering and Geoscience from each university. This greatly aids communication with the faculties/colleges and students. The Chair position has also been renewed for another two years.
- Work experience reporting orientation was given to Engineering and Geology students to heighten awareness of APEGS requirements.

Our short- and long-term goals include:

- Adding additional committee members who are not connected to the universities
- Improving communication with students regarding the professions and APEGS

I would like to thank our membership for their diligent attendance and participation, in particular the Vice-Chair, secretary, and APEGS staff for their time and commitment.

Respectfully submitted,

Stephanie Campbell, Engineer-In-Training
Chair

K-12 Committee

The K-12 Committee had another successful year in 2013, promoting STEM (science, technology, engineering, and math) education to students and educators across Saskatchewan, spanning kindergarten to grade 12.

The committee continued its support and involvement in the career video project with Walter Murray media studies students in Saskatoon. Completed videos are available for viewing on the APEGS website, and more videos will be produced in 2014. A recognition event was held at the school in March, and the students also presented their work to APEGS members at the Annual Meeting in May.

Development and piloting of a teacher resource for the grade 8 Water Unit is wrapping up, and the committee expects the resource to be available province-wide this spring. We continue to discuss ideas with the Ministry of Education for the development of similar resources in the future.

The committee offers outreach and sponsorship to various student groups, organizations and educators in our province. We appreciate the support of APEGS member volunteers who give their time through direct involvement in various outreach opportunities. Some organizations that benefit from our efforts include EYES Science Camps (U of R), Sci-Fi Science Camps (U of S), SIEC Cardboard Boat Races (Saskatoon), various robotics clubs throughout the province, and Saskatchewan Science Fairs, among others.

Respectfully submitted,

Stacey Sirois, P.Eng.
Chair

Environment and Sustainability Committee

The role of the Environment and Sustainability 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
- Support activities of the Education Board by developing and sponsoring environmental-based professional development activities.

In 2013, the Environment and Sustainability Committee continued to monitor and communicate environmental trends but also decided to get more involved in educational opportunities that would improve environmental awareness for our members and the public.

The E & S Committee partnered with the Professional Development Committee and the School of Environment and Sustainability to develop a one-day seminar that focused on sustainable transportation planning. The title was “Urban Transportation and Design: Getting Where we Need to Go.” The seminar had a unique layout to encourage discussion among professionals (target audience was planners, engineers and users of the transportation system) with information being recorded and brought back to decision makers. This event took place in January 2014.

The E & S Committee continues to participate in Engineers Canada teleconferences of Environment and Sustainability officials and was excited to review the Draft “Model Guide - Principles of Climate Change Adaptation for Professional Engineers.” This document will provide a basis for much of the upcoming work and education opportunities offered by the committee.

Thank you to those who served the committee in 2013 – your insight into issues and participation has made a difference. A special thank you to our outgoing Chair and Liaison Councillor and our APEGS staff liaison, Patti Kindred, P.Eng., FEC.

Respectfully submitted,

Sheri Praski, P.Eng., FEC, Chair

University of Saskatchewan Senate

Chancellor Vera Pezer has stepped down as of June 30, 2013. Blaine Favel was appointed the university’s 14th chancellor for a three-year term, effective July 1, 2013.

The search for a replacement for the Dean of Engineering is complete. Dean Georges Kiporos joined the faculty as of September 1, 2013. Dean Kipouros holds a Diploma of Engineering from the School of Chemical Engineering, National Technical University of Athens, Greece and his M.A.Sc. and Ph.D. from the University of Toronto. Dr. Ernie Barber, P.Eng. did a fine job as the interim dean.

There were two University of Saskatchewan Senate meetings held during the past year. There was a slight boundary change to northern districts 10 and 11 to give better representation. The Open Studies program was removed after much review and consultation.

Total enrolment for 2013 was 21,044 with 17,200 undergraduates and 3,116 graduates. Seventy-seven per cent of the direct entry were from Saskatchewan, 7.4 per cent international and 12.1 per cent out of province. There was a 77 per cent retention of first to second year students.

The university has commenced the Third Integrated Plan. Promise and Potential is being implemented, focusing on the financial issues of the university while meeting its objective. Projections show that by 2016 there could be as much as a \$44.5 million annual deficit. As part of this, a program entitled TransformUS was started to prioritize programs and initiatives with feedback and consultation. Details can be found at www.usask.ca.

The College of Engineering has a Strategic Plan 2012-2016 found on its website. Planning has commenced, by the college within the university planning process for the expansion of the College of Engineering to meet the challenges of educating and preparing engineering students for the future. Engineering enrolment has increased from 2,001 to 2,146. Donations to the college remained strong in 2013. The College of Engineering held the first Safety Day on January 8, 2014 to make the students aware of safety. Details can be found at www.engr.usask.ca.

Respectfully submitted,

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

University of Regina Senate

Enrolment

The enrolment at the university has grown to 13,586 students. Of this total, about 1,765 are international students. Just over 11 per cent of the students are self-declared Aboriginal. Some fourth year engineering classes are now near 100 students and the Engineering Law class is at 157 students. The Faculty of Engineering first year enrolment is at 252 so some classes may have to be offered more than once a year. Large classes create a huge pressure on teaching and marking loads. Engineering undergraduate enrolment has increased to 1,069 undergraduate students, an increase of 21 per cent from last year. Postgraduate enrolments are much the same as last year. Enrolments in the programs are Electronic Systems Engineering - 117, Petroleum Systems Engineering - 320, Environmental Systems Engineering - 158, Industrial Systems Engineering - 169, Software Systems Engineering - 70 (and plus 66 undeclared) students. Last year there were about 120 engineering graduates and this is expected to increase significantly in 2014.

Faculty Changes

Dr. Luigi Benedicenti, P.Eng. has resigned as the Associate Vice President Academic and will be returning to his position in Software Systems Engineering. Dr. Dena McMartin, P.Eng. has been appointed as the new Associate Vice President Academic and Research.

The university has elected Dr. Jim Tompkins as the new Chancellor, replacing Dr. William Ready who has served the maximum of two terms. Dr. Tompkins has served the university in many roles from professor to president.

Residence Project

There is a new \$77.7 million residence under construction on campus and it will have 605 beds along with 90 new daycare spaces. It will also have 150 underground parking stalls to replace some of the surface spots that were on the building site. The university is doing fundraising for the renewal of the College Avenue Campus where business and other classes are offered to many people (about 1,000 last year) who work downtown.

In 2013 it was reported in the media that some research money in the Faculty of Engineering had not been spent properly. When this was investigated and

the former CEO of the company who donated the fund was contacted, he said that the money had been used in a way that fell within the mandate of the donation. The Provincial Auditor was also asked to look into that matter and other issues. The university also had the VP Research from Dalhousie and the Director of Research for the University of British Columbia review the research practices and make recommendations for changes. Their reports have been received and it would appear that nothing serious was found but they have made suggestions for improvements in reporting and policies. Dr. Timmons has stated that the university is handling public money so that all records and policies must be clear and open. Policies must be clearly stated and they must be followed.

There was also a report in the media that the university had not followed proper tendering and procurement processes in building the Research Innovation Centre. The university had followed the same procedures as on all other major works on campus for many years and the procedures were well accepted by those involved in the work. That report was wrong. In fact the university won the 2005 Construction Owners of America Award for Project Leadership, for “demonstrating Leadership, Professionalism, and Management Excellence in Project Delivery” in recognition of the residence and CKHS projects which used the same procedures.

Budget

The university and all faculties are preparing their budgets for 2014-2015. The U of R had a small increase in the government grant this year, 1.9 per cent, but considering inflation that will mean the equivalent of a decrease of 3 per cent. This will be hard to manage when something like 80-85 per cent of the budget goes in wages. While the university has a balanced budget and is in good financial shape, 2014 will present many challenges for the university administration. With the increased demand in engineering, business and nursing, for example (the new Faculty of Nursing already has 987 students and is expected to be near 1,200 next year and it only started about two years ago), there is a tremendous pressure on classroom space. Many courses in engineering and other faculties are now having trouble finding suitable size rooms. There have been no new classrooms built on campus for some time and it is clear that the university must get new classroom space.

Engineers Canada

It is unfortunate that some programs with low enrolments may have to be dropped or suspended, yet the university must continue to offer a variety of programs in all areas. Dr. Riddell, former principal of Regina Campus, University of Saskatchewan once said that universities must and will change.

The university must continue to grow as a comprehensive university if it is to serve the needs of people of this province. It cannot return to being strictly a liberal arts university, as some people want. The university is lucky to have a strong leader in Dr. Timmons and it will become a stronger institution in the future.

Respectfully submitted,

Art Opseth, P.Eng., FEC, FGC(Hon.)
APEGS Representative to the University of
Regina Senate

Engineers Canada is the national organization of the 12 provincial and territorial associations that regulate the practice of engineering in Canada and license the country's more than 260,000 professional engineers. The 12 regulatory bodies, referred to as Constituent Associations, are the owners of Engineers Canada. Engineers Canada exists in support the Constituent Associations, to advance the profession and its self-regulation in the public interest. This is accomplished in a number of ways:

- Supporting the Constituent Associations in regards to consistency of regulatory standards and practices to protect and serve the public interest
- Delivering national programs that ensure the highest standards of engineering education, professional qualifications and professional practice
- Accrediting Canadian undergraduate engineering programs
- Coordinating the development of national policies, positions and guidelines
- Increasing public confidence in the profession
- Promoting greater understanding of the nature, role and contribution of professional engineers and engineering to society
- Promoting the engineering profession as an attractive career choice
- Protecting engineering terms, titles, images and words that are integral to the engineering brand
- Undertaking federal government relations and national media relations on behalf of, and in consultation with, its constituent associations
- Coordinating research activities to monitor university enrollment and labour market trends
- Undertaking international affairs

The Canadian Engineering Accreditation Board (CEAB), a standing committee of the Engineers Canada Board, is the only body that accredits Canadian undergraduate engineering programs that meet the profession's high education standards. There are 271 accredited engineering programs at 43 higher education institutions across Canada. Graduates of those programs are deemed by the profession to have the required academic qualifications to be licensed as professional engineers in Canada. The CEAB offers advice to universities developing new engineering programs to help those programs

meet accreditation criteria. The CEAB also assesses the equivalency of the accreditation systems used in other nations relative to the Canadian system, and monitors the accreditation systems employed by the engineering bodies which have entered into mutual recognition agreements with Engineers Canada.

Canada's engineering profession expects its licence holders to be competent and to have an understanding of the effects of engineering on society. Accredited undergraduate programs must meet strict criteria to ensure they contain adequate mathematics, science and engineering curriculum content. They must also develop graduates with excellent communication skills; an understanding of the environmental, cultural, economic, and social impacts of engineering on society; the concepts of sustainable development; and the capacity for lifelong learning.

CEAB criteria are undergoing a transition from input measures (curriculum content criteria) to outcomes assessment (graduate attribute criteria). During the transition and development period, programs that received accreditation visits have been given feedback on their progress regarding the development of graduate attributes and their readiness to comply with the graduate attributes criteria in 2015. Starting in June 2015 the CEAB will begin making accreditation decisions based on compliance with the graduate attribute criteria.

The Canadian Engineering Qualifications Board (CEQB), another vital committee of the Engineers Canada Board, develops national guidelines on the qualifications, standards of practice, ethics and professional conduct expected of professional engineers. The CEQB is also responsible for the Engineers Canada Examination Syllabus and the Engineers Canada International Institutions and Degrees Database. The associations use the Syllabus and database as guides to develop appropriate suites of technical engineering examinations for international engineering graduates seeking licensure in Canada in order to ensure those individuals meet the standards for admission into the Canadian engineering profession.

The following guidelines developed by the CEQB in the past year:

- Guideline on Mentoring Programs
- Guideline on Good Character

- Guideline on Admission to the Practice of Professional Engineering in Canada
- Guideline on Engineer-in-Training Program
- Guideline on the Professional Practice Exam

Committees and working groups of the CEQB are continuing work on the following documents:

- Guideline on Returning to Active Practice
- Supervision of Engineers-in-Training
- Nanotechnology Engineering Syllabus and reference list
- Professional Practice in Software Engineering
- Institution Criteria and program advancement criteria for the International Institutions and Degrees Database
- Revisions to the National Guideline on Environment and Sustainability
- Implementation of the Canadian Framework for Licensure elements:
 - Licensing Requirements and Competencies for Limited License
 - Continuing Professional Development

Over the last year the Chief Executive Officers Group continued to make significant progress in developing the Canadian Framework for Licensure (CFL). APEGS Executive Director and Registrar Dennis Paddock, FEC, P.Eng. is the very capable Chair of the Chief Executive Officers Group and Advisor to the Board and Executive Committee of Engineers Canada. The CFL is a dynamic model that focuses on the essential elements of the regulated engineering profession in Canada and develops key considerations and supporting implementation details for each one. These foundational documents will help engineering regulators across Canada improve their legislative framework and governing documents to enhanced equity, 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. Engineers Canada hopes to engage engineering organizations around the world in the development of these documents, in order for them to become a compendium of best practices and be adopted in Canada and internationally.

Work on the Canadian Framework for Licensure is progressing well, with many endorsed elements now being further developed by creating “implementation documents”. These are suggestions on how to turn the high level key considerations into programs and processes that the constituent associations can use in their daily operations. There are five research documents out for consultation with the constituent associations, and three elements out for concurrence. Seven elements have been endorsed by the Engineers Canada Board. Further information regarding the CFL is available on the Engineers Canada website.

Engineers Canada’s new Career Focus program is now featuring a web-based tool created by Pathfinder Career System to help students determine if an engineering career is the right fit for them. The online software compares student responses to the personality and behavioural traits of thousands of top performers in more than 500 jobs. Translated into 26 competencies based on 85 separate behavioural traits, the data is used to generate the Predictor of Performance report that suggests suitable career paths for the students. In addition to matching students with potential careers, the Predictor of Performance report provides a detailed report of strengths and suggests areas for improvement.

Career Focus is the first of a series of career-oriented services being developed by Engineers Canada. The Career Focus tool is available to high-school and university students at a fee of \$250. It is part of a broader plan for Engineers Canada to offer lifelong career planning and assessment tools for Canadian professional engineers.

The International Engineering Graduate Roadmap project is aimed at creating a comprehensive one-stop information resource within the Engineers Canada website. This microsite will help international engineering graduates navigate through the engineering licensing process in Canada. The roadmap website was launched on January 31, 2013.

Federal government relations remain high on the list of Engineers Canada priorities. Engineers Canada works with the federal government and policy makers in many different ways, including testifying in front of Parliamentary Committees; partaking in roundtables; hosting meetings and events; informing the government through reports; and holding face-to-face meetings with members of Parliament. Members of the Engineers Canada Bridging Government and Engineers Committee (including APEGS Director of

Membership and Legal Services Bob McDonald, FEC, P.Eng., LL.B.) were in Ottawa on November 5 for several very successful meetings with members of Parliament. Volunteers and Board members from across the country, as well as Engineers Canada staff members, met with over 30 members of Parliament, including the Honourable Kellie Leitch, Minister of Labour and Minister of Status of Women, and the Honourable Lisa Raitt, Minister of Transport. Discussions included a number of top issues including the need for investments to make infrastructure resilient, the need for engineers in our economy, and the success of the engineering profession in working with internationally educated engineers. The day was an excellent opportunity to share engineering expertise with the government and highlight the Public Infrastructure Engineering Vulnerability Committee Protocol, the Labour Market Report and our Undergraduate Enrolment Report. Contact Day led to a number of subsequent follow up meetings with members of Parliament.

“Engineers Canada” has been the business name of the Canadian Council of Professional Engineers since 2007. In October 2013 the Board gave its approval to changing the legal name of the organization from the Canadian Council of Professional Engineers to Engineers Canada. This came about in conjunction with the corporation’s registration under the new Canadian Not-for-Profit Act. All filings have been accepted and official notification has been received. We are now Engineers Canada.

In June 2013, the Board of Engineers Canada took a major step in adopting the Policy Governance model. Policy Governance is a practical approach for the Board to ensure organizational performance reflects the best interests of the constituent associations. Policy Governance empowers the Board to fulfill its obligation of accountability for the organization and enables it to focus on the larger issues and overall direction the organization will go in. This model of governance also allows for better connection between the goals of the constituent associations and the execution of work on the part of Engineers Canada. A set of broad policies, called Ends, provides direction to the chief executive officer and Engineers Canada staff to work out the details of how that work will be achieved. These policies are Engineers Canada’s reason for being. All the work that Engineers Canada does must align with its Ends.

A session called “Big Picture Thinking” is now included in all Board meeting agendas. Big Picture Thinking provides an opportunity for the Board to engage its owners, consider emerging issues and trends, and seek answers

Geoscientists Canada

to big questions that will assist the Board in taking a strategic, long-term view of the work of Engineers Canada and to articulate what the Board sees as the desired future for the self-regulation of the profession of engineering.

To date the topics for Big Picture Thinking have included:

- Sustainability of the profession
- Professionalism and ethics in the engineering profession
- Consistency among the Constituent Associations' regulatory standards and practices

The New Engineers Canada website (www.engineerscanada.ca) was launched on November 4, 2013. The new website is mobile-friendly and has been completely redesigned to make it easier to find information. On the home page users can subscribe to the weekly Engineers Canada Newsletter. On the Media page, users can sign up to receive engineering-related news in a daily media report. To learn more about what Engineers Canada is doing, you can also follow on Twitter, LinkedIn or Facebook.

Now in the second year of my three year term as Director, I am currently serving on the Executive Committee, Canadian Engineering Accreditation Board, Bridging Government and Engineering Committee and the Compensation Committee. I was previously a member of the Awards Committee and the International Committee. The work is both challenging and enjoyable. I am grateful to APEGS for the opportunity to serve the engineering profession.

I would like to thank APEGS staff and volunteers for their ongoing support of Engineers Canada.

Respectfully submitted,

Rick Kullman, P.Eng., FEC
Director, Engineers Canada

It has been my pleasure to serve as APEGS director to Geoscientists Canada (GC) these last four years.

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

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

GC exists to provide national leadership in Canadian professional geoscience, and to represent the Canadian geoscience profession nationally and internationally. Several important initiatives regarding the practice of professional geoscience have progressed during 2012.

Geoscientists Canada continues to support the work of the Canadian Geoscience Standards Board (CGSB) in preparation of a Framework for Assessment in the Licensing of Professional Geoscientists in Canada.

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

Highlights of the June and November 2013 meetings include the following:

A Strategic Planning Committee was struck and a work plan for developing a new strategic plan (to replace the existing plan that expires in 2015) was presented and approved. A key point of the work is the involvement of all constituent organizations and their participation has been formally sought out by the committee.

Geoscientists Canada initiated a "Fellow of Geoscientists Canada" award to acknowledge contributions by members of the geoscience community. The inaugural list of names was submitted by Geoscientists Canada and by eight CAs at the annual meeting.

The task force addressing the Memorandum Of Understanding on Incidental

Practice as developed by APEGBC and APGO was stood down.

A memo was sent to directors asking each to get their respective Council's input on Geoscientists Canada's role in the Engineers Canada initiative on interjurisdictional practice.

The next meeting of the board of directors and annual meeting of members of Geoscientists Canada will be Saturday, June 7, 2014, in Regina.

Respectfully submitted,

Sandra Jean Foster, P.Geo., FEC (Hon.), FGC
Geoscientists Canada Director

2013 has been a year of change and new opportunities for the College.

As the new Dean of the College of Engineering, I am thrilled to be involved in shaping the future of the College. Together with our students, faculty, staff and alumni, we will continue to build on the momentum and successes created under the leadership of Dr. Ernie Barber and continue to excel in teaching and research despite the challenges faced by our institution.

The college has been mandated by the Provost's Committee on Integrated Planning (PCIP) to increase student enrollment by 30% by 2015/2016. In order to achieve this target, we have to attract more students from outside Saskatchewan and from other under-represented demographics. The college is currently undertaking a Strategic Enrollment Management (SEM) plan to achieve this enrollment target without compromising the quality of the programs and student learning experience.

Student Body

In the 2012-2013 academic year, undergraduate and graduate enrollment continued to increase. Compared to previous academic year, the college has seen an undergraduate enrollment increase of 3.9% while our graduate enrollment increased by 3.37%.

In order to accommodate the increase in undergraduate enrollment, the college increased the 2013-2014 second-year quota of our high demand programs. Chemical Engineering increased from 65 to 90, Civil Engineering from 66 to 74, Geological Engineering from 24 to 36, and Mechanical Engineering from 80 to 90.

Student Enrollment (by headcount)

	ACADEMIC YEAR				
	08-09	09-10	10-11	11-12	12-13
Graduate	368	371	409	416	430
Undergraduate	1,510	1,558	1,590	1,606	1,669
Total	1,878	1,929	1,999	2,022	2,099

*Source: University of Saskatchewan Data Warehouse; Academic Reporting Year (May-Apr).

Female student enrollment in the College also continues to increase with a total of 329 female students in the undergraduate program in 2012-2013.

Consistent with the strategic directions that the College has set for the current integrated planning cycle, we are committed and continually developing new programs and strategies with the aim of increasing not just enrollment but also the diversity of our student population.

Female Student Enrollment (by headcount)

	ACADEMIC YEAR				
	08-09	09-10	10-11	11-12	12-13
Graduate	93	94	122	120	123
Undergraduate	270	288	307	318	328
Total	363	382	429	438	451

*Source: University of Saskatchewan Data Warehouse; Academic Reporting Year (May-Apr).

Aboriginal Student Enrollment (by headcount)

	ACADEMIC YEAR				
	08-09	09-10	10-11	11-12	12-13
Graduate	4	5	6	5	5
Undergraduate	46	52	52	49	56
Total	50	57	58	54	61

*We have noticed an error that was reported in 2011/12 and have changed the above numbers to reflect the accurate statistics. *Source: University of Saskatchewan Data Warehouse; Academic Reporting Year (May-Apr).

International Student Enrollment (by headcount)

	ACADEMIC YEAR				
	08-09	09-10	10-11	11-12	12-13
Graduate	163	177	207	226	255
Undergraduate	101	108	124	141	173
Total	264	285	331	367	428

*We have noticed an error that was reported in all five years and have changed the above numbers to reflect accurate statistics. *Source: University of Saskatchewan Data Warehouse; Academic Reporting Year (May-Apr).

Research Funding

The College of Engineering maintains a strong emphasis on research and discovery, including the training of graduate students. This past year the College of Engineering was proud to announce new partnerships with industry and government including three new mining engineering positions sponsored in part by the International Minerals Innovation Institute (IMII).

Research Funding for the College of Engineering

	FISCAL YEAR				
	08-09	09-10	10-11	11-12	12-13
Tri-Agency	\$5.0M	\$4.8M	\$3.5M	\$3.2M	\$4.2M
All Other	\$6.5M	\$5.4M	\$7.0M	\$9.5M	\$6.5M
Total	\$11.5M	\$10.2	\$10.5M	\$12.7M	\$10.7M

*We have noticed an error that was reported in all five years and have changed the above numbers to reflect accurate statistics. *Source: University of Saskatchewan Data Warehouse; Research Revenue Category (May-Apr).

College Fundraising

The College of Engineering continues to receive strong financial support from our donors and community partners, for which we are very grateful. Continued support and encouragement is essential to realizing our vision of a larger, more industry-engaged, high quality and innovative college.

Donations to the College of Engineering Fiscal

	FISCAL YEAR				
	08-09	09-10	10-11	11-12	12-13
Total	\$2.9M	\$2.5M	\$3.3M	\$5.5M	\$2.0M

**Source: University of Saskatchewan Data Warehouse; Academic Reporting Year (May-Apr).*

The exceptional commitment of our faculty, staff and students has allowed the College of Engineering at the University of Saskatchewan to continue to build on our success. The college designs its programs to give our students an incredible number of opportunities in public and private organizations around the world.

Engineers have a vital role in Saskatchewan's economy. The college is positioned for growth and we look forward to an exciting next few years.

Respectfully submitted,

Georges J. Kipouros, Ph.D., P. Eng.
Professor & Dean, College of Engineering
University of Saskatchewan

The Department of Geological Sciences offers three undergraduate B.Sc. degree programs (Geology, Geophysics, Environmental Earth Sciences) which can lead to registration as a Professional Geoscientist in Saskatchewan. We also offer M.Sc. and Ph.D. graduate programs. The number of undergraduate students who have designated Geology or Geophysics as their major is now over 200, with a smaller number of students in the Environmental Earth Science program. The College of Engineering will have significant enrolment increases in the next few years. Some of those students will, of course, choose Geological Engineering, which will increase demand for first year, second year and some third and fourth year classes. Graduate enrolment is also growing. There are now 60 students enrolled in graduate programs (36 M.Sc. and 24 Ph.D.) Seven post-doctoral fellows and visiting scientists from Canada, the United States, Argentina and the U.K. have spent time in the department working on research projects with faculty.

Thirty-seven undergraduate students finished their programs in 2013 (32 geology and five geophysics). Three M.Sc. and two Ph.D. degrees were awarded.

Forty-three undergraduate, two Ph.D. and three M.Sc. degrees were awarded in 2012. Andrew May (High Honours in Geology) was the University of Saskatchewan recipient of the APEGS Gold Medal in Geosciences.

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 NSERC Discovery, Collaborative Research and International Polar Year Grants, Canadian Foundation for Innovation, National Science Foundation, Canadian Foundation for Climate and Atmospheric Sciences, European Science Foundation, SSHRC, Saskatchewan Energy and Resources, and industry. Synchrotron-based research on metals in the environment, performed by two Canada Research Chairs in the Department, is also funded by health research funding agencies in Canada and the US.

Members of the department have served on APEGS committees this year: Dr. Kevin Ansdell, P.Geo., is a special advisor with the Academic Review Committee and one of the Saskatchewan representatives to the Canadian Geoscience Standards Board. Dr. Jim Merriam, P.Geo., served on the Student Development Committee along with student representative Stephanie Boulanger.

We are currently advertising two faculty vacancies, one in tectonics and an endowed chair, the Murray Pyke Chair in Geological Sciences. Murray Pyke was a graduate of the department (B.A. Geology 1956, M.A. Geology 1958), who enjoyed a very successful career in the Northwest Territories and Alberta. The donation from the Pyke family to establish the chair was the single largest donation in the history of the College of Arts and Science.

Rob Kerrich, George McLeod Chair and member of the department since 1987, passed away in April 2013. Rob had an outstanding career and his death is a significant loss for the department.

Respectfully submitted,

Dr. Jim Merriam, P.Geo.
Professor and Head

The Department of Geography and Planning is involved in the delivery of the B.Sc. program in Environmental Earth Sciences (EES), which may lead to professional registration as a Professional Geoscientist with APEGS. The department also offers undergraduate programs in Geography (three-year, four-year, and Honours B.A. and B.Sc.), Environment and Society (four-year and Honours B.A. and B.Sc.) and Regional and Urban Planning (four-year and Honours B.A.). In addition, the department offers M.A., M.Sc. and Ph.D. programs, and currently has 55 graduate students.

Environmental Earth Sciences requires students to take foundational science courses (i.e., mathematics, physics and chemistry courses) in addition to key courses offered by Soil Science, Geological Sciences, and Geography and Planning. Senior undergraduate courses in hydrology, geomorphology, GIS and remote sensing offered by Geography and Planning faculty continue to be popular choices for EES majors.

In December 2013, the program had 67 majors and three Honours students. In 2013, nine students graduated from the program. At the 2013 Spring Convocation, the award for the Most Outstanding Graduate in Environmental Earth Sciences was presented to Marcie Susanne Schabert. Ms. Schabert graduated with High Honours. She is currently pursuing graduate studies in geochemistry in the Department of Geological Sciences at the University of Saskatchewan.

The department continues to have a strong research program with a range of projects, including, on the natural sciences side, cold regions hydrology (Pomeroy), watershed modelling (Pomeroy, Martz), ecohydrology (Westbrook), marine biology and coastal geomorphology (Aitken), geoarchaeology of paleo-Indian settlements (Aitken), fluvial geomorphology (de Boer), geographic information science (Bell, Martz), remote sensing of vegetation response to grazing and vegetation productivity in northern ecosystems (Guo), environmental impact assessment (Noble), integrated water resource management (Patrick), and First Nations access to safe drinking water (Patrick).

John Pomeroy, professor in the Department of Geography and Planning, director of the Centre for Hydrology and Canada Research Chair RC (Tier 1) in Water Resources and Climate Change has been named a Fellow of the American Geophysical Union (AGU) for his outstanding contributions to cold regions hydrometeorology. Professor Pomeroy was one of only three

U of R Faculty of Engineering and Applied Science

Canadians selected as a Fellow in 2013, and is one of the small number of hydrologists to ever be named an AGU Fellow.

The department currently has three faculty registered as P.Geo. with APEGS (Aitken, de Boer and Martz). Professor Alec Aitken, a senior member of the department, serves on the Academic Review Committee of APEGS.

Respectfully submitted,

Dirk de Boer, Ph.D., P.Geo.
Professor and Head

Introduction

It is my pleasure to provide this report on the Faculty's recent achievements. In the past year, we received favourable accreditation by Engineers Canada for all of our programs. We have also achieved unprecedented growth in our enrolment. Our challenge over the next year will be to manage our growth while continuing to provide high-quality professional education to our students. We are also in the process of introducing and implementing the new outcomes-based accreditation process. Following are the key highlights of 2013:

Enrolment

Undergraduate enrolment based on the fall semester increased from 810 students in 2012 to 1,083 in 2013, representing an increase of nearly 25 per cent. Total first year enrolment jumped from 248 in 2012 to 487 in 2013. Small increases in enrolments from other provinces have occurred, and international enrolment remains high. The following table presents undergraduate enrolment numbers from Fall 2013:

Undergraduate Students by Major and Gender (Fall 2013)

MAJOR	TOTAL BY MAJOR			DEGREES AWARDED (SPRING & FALL 2013)
	TOTAL	FEMALE	FEMALE (%)	
Undeclared	10	4	40	-
Elec. Systems Eng.	102	12	11.7	14
Environ. Systems Eng.	151	61	40.4	37
Ind. Systems Eng.	165	19	11.5	33
Petro. Systems Eng.	262	44	16.8	31
Software Systems Eng.	59	12	20.3	6
Common First Year	242	44	18.1	-
Exchange Students	92	30	32.6	-
Grand Total	1,083	226	20.8	121

Note: Students registered in and graduating from the Environmental Health Science program at the First Nations University of Canada are not included.

Enrolment in the largest undergraduate programs has reached maximum capacity, and the Faculty is reviewing various measures to reduce the pressure in those programs. As part of the enrolment management strategy, the Faculty recently approved a new admission policy whereby high school applicants with an average of over 80 per cent will be granted their preferred program of study.

Recruitment efforts continue to focus on the Electronics and Software Systems Engineering programs. There will be significant demand in these areas across Canada in coming years, and enrolment in these programs needs to be increased to help meet this expected demand.

Graduate enrolment has remained relatively steady, but the number of applications has been increasing. The following table presents graduate enrolment numbers from Fall 2013:

Graduate Students by Major and Gender (Fall 2013)

MAJOR	TOTAL BY MAJOR			DEGREES AWARDED (SPRING & FALL 2013)
	TOTAL	FEMALE	FEMALE (%)	
Elec. Systems Eng.	36	10	27.8	10
Enviro. Systems Eng.	61	31	50.8	13
Ind.I Systems Eng.	47	10	21.3	16
Petro. Systems Eng.	69	16	23.2	14
Software Systems Eng.	21	2	9.5	8
General Eng. (PHD)	9	2	22.2	1
Process Systems Eng.	15	6	40	7
Grand Total	258	77	29.8	69

Funding

We are currently reviewing our budget, looking to both cut costs and update our spending policies and procedures. Three new instructor positions were added to the Faculty last year (including one lab instructor), and a staff position (graduate and co-operative education coordinator) was also added in 2013.

Research

New research awards totalled over \$2.8 million, including over \$500,000 from various Natural Sciences and Engineering Research Council (NSERC) programs, over \$200,000 in industry funding, about \$1.2 million from the Petroleum Technology Research Centre, and over \$700,000 from various government, NGO, and other research funding sources.

Recognition and Achievements

A particularly noteworthy achievement is the incredible growth and success of the Educating Youth in Engineering and Science (EYES) program, developed and managed by EYES coordinator, Benjamin Freitag. This past year, EYES reached 15,647 youth across Saskatchewan through various workshops, clubs, and camps. EYES also received \$75,000 in funding from NSERC through the PromoScience Program.

Accreditation

Electronic Systems, Environmental Systems, Industrial Systems, and Petroleum Systems Engineering each received six-year accreditation awards. Software Systems Engineering received three-year accreditation with the possibility of extension to six years with additional follow-up reports.

Respectfully submitted,

Esam Hussein, Ph.D., P.Eng.
Dean, Faculty of Engineering and Applied
Science, University of Regina

Department of Geology, University of Regina

Faculty and Staff

With nine faculty members (including one term lecturer) and two laboratory instructors, of whom one and half were on sabbatical, the Department of Geology ran its full capacity in 2013. The Department's daily operation remained to be provided by one administrative staff and one technical staff. Eleven adjunct professors again played an important role in assisting to teach some undergraduate courses and supervise undergraduate and graduate thesis projects.

Undergraduate and Graduate Programs and Enrollment

The Department continuously offers B.Sc. in Geology, B.Sc. Honours in Geology, B.Sc. in Combined Geology and Geography, B.Sc. Honours in Combined Geology and Geography, B.Sc. with Co-op designation, M.Sc., and Ph.D. degree programs. All undergraduate students who completed our B.Sc. in Geology and B.Sc. Honours in Geology programs are eligible to apply for professional accreditation with the Association of Professional Engineers and Geoscientists of Saskatchewan.

Undergraduate student enrollment continuously increased (see table below for detail). As of the end of December 2013, the Department had 169 students declaring geology majors, of which 145 were undergraduate students and 24 were graduate students. This number does not include students who were in the process of transferring from other programs to geology majors. The table below illustrates the growth trend of geology undergraduate students over the last ten years.

Number of Undergraduate Students

YEAR	03	04	05	06	07	08	09	10	11	12	13
#	36	46	51	71	88	105	105	116	129	138	145

Throughout the year, Geology provided supervision for 5 Ph.D., 19 masters, and 3 B.Sc. honours students. Besides, the Department housed 7 international visiting graduate students and 2 visiting scholars coming and working with our faculty members on various research projects.

The two field courses (one to the Rocky Mountains and Eastend for the third year students, and the other to Flin Flon in Manitoba for the fourth year students) were again successfully conducted over the summer. As well, over the course of 2013, some individual courses organized field trips to sites including the Royal Saskatchewan Museum, Subsurface Geological Laboratory, TC Douglas Building, and the Eastend as part of laboratory requirement of undergraduate courses.

The Department also supported two Geology undergraduate students to attend the Student-Industry Field (SIFT) in the end of April 2013 and the Student-Industry Mineral Exploration Workshop (S-IMEW) at the beginning of May 2013 respectively.

Research

In 2013, our faculty members have conducted research in fundamental geosciences and applied geosciences related to mineral, oil and gas resources as well as the environment. Our research projects cover various parts of Saskatchewan, and many involved studies in other parts of Canada (BC, Quebec, Ontario, and Nunavut) and abroad (including China, Colombia, Madagascan, and Oman).

Our researchers received grants from NSERC-Discovery, NSERC-CRD, PTRC, Geological Survey of Canada's TGI Program, Saskatchewan Ministry of Economy, Inter America Institute for Global Change, and Bank of the Republic of Colombia.

During the winter and fall semesters, the Department organized a total of twelve (12) research seminars presented by both master and PhD students in the Department. In addition, the Department invited three (3) nationally distinguished lecturers, and three (3) specialized guest speakers from Canadian Light Source Inc., Beijing University of Mining & Technology, and University of Alberta came and gave a talk to our students and faculty members. Moreover, the Department coordinated with Royal Saskatchewan Museum and brought in four (4) guests to present topic on palaeontology.

Students' Achievements and Geology Students Association Activities

- Mr. Richard Boulding was awarded the R.L Milner Memorial Award and the

APEGS Gold medal from the Association of Professional Engineers and Geoscientist. These awards were announced at the Annual General Meeting of the Saskatchewan Geological Society held on January 26, 2013 and the U of R's 2013 Spring/Summer convocation, respectively.

- Ms. Sienna Johnson was a recipient of the student prize of Mineralogical Association of Canada Prize and the 2013 Fall Saskatchewan Innovation Undergraduate Scholarship.
- Enerplus Corporation Oil and Gas Scholarship and the 2013 Fall Academic Silver Scholarship were presented to Ms. Amanda Palaniuk.
- Ms. Elysia Schuurmans was not only awarded the John Lewry Prize in Geology but also was a recipient of the 2013 Fall Academic Silver Scholarship.
- The recipient of the Gerry Handford Memorial Fund was Nicole Denbow. This award was announced at the Geology Student's Annual Banquet April 12, 2013.
- The L.V. Vigrass Prize and W.A. Gordon prize in geology were handed to Mr. Corbin Stewart and Mr. Graham McKellar respectively.
- Geological Association of Canada Student Prize and D.M. Kent Consulting Geologist Ltd Prize were awarded to Mr. Taylor Michael Haid and Mr. Jason Bot, respectively.
- At the Annual Open House of the Saskatchewan Geological Survey conducted in Saskatoon in December, both our undergraduate and graduate posters won the poster award: The Best Graduate Student Poster Award (Fuzesy Lazlo Award) was presented to Mr. Rong Liang, a M.Sc. student; and the Second Best Undergraduate Student Poster Award was handed to Mr. Taylor Haid, a fourth year B.Sc. Honours student.

Throughout the year, the D.M. Kent Club (the undergraduate student society in Geology) was actively involved in various geology-related activities, including organizing and supporting fourteen (14) undergraduate students to attend the 2013 Western Inter-University Geosciences Conference (WIUGC) conducted in Vancouver, British Columbia and five (5) undergraduate students to partake in the PDAC International Convention in Toronto.

Moreover, the executive team has also focused on setting up and preparing the first Iceland international field trip for its members. This field trip is planned to start in the 2014 summer.

Respectfully submitted,

Guoxiang Chi, Ph.D., P.Geol.
Department Head, Professor
Department of Geology
University of Regina

Department of Geography and Environmental Studies, University of Regina

Effective July 1, 2013, the Department of Geography at the University of Regina merged with the Environmental Studies Program and changed its name to Department of Geography and Environmental Studies.

The department offers two undergraduate BSc degree programs, one in Geography and one in Geography in combination with Geology. Both degrees can lead to accreditation as a Professional Geoscientist in Saskatchewan. It also offers MSc and PhD graduate programs in Physical Geography.

In addition, the department has introduced a new undergraduate degree program, a Bachelor of Geographic Information Science (BGISc). It also offers a BA undergraduate degree, a MA and PhD program in Human Geography and a BA degree in Environmental Studies.

Student Enrollment

Enrolment numbers continue to go up in the science stream of geography and geomatics, while the faculty complement has remained the same. Demand for physical geography courses, and in particular for a new introductory course in GIS is exceeding lab space and required the introduction of a wait list for interested students.

Student Enrollment, 2013

UNDERGRADUATE DEGREES PHYSICAL GEOGRAPHY	# OF UNDERGRADUATE STUDENTS WITH DECLARED MAJORS
BSc Geography	39
BSc Geography honours	2
BSc Geography/Geology	10

GRADUATE DEGREES IN PHYSICAL GEOGRAPHY	# OF GRADUATE STUDENTS IN PHYSICAL GEOGRAPHY
BSc Geography	5
PhD Geography	2

In 2013, the department has graduated four undergraduate students in its BSc programs and three MSc students. David Barrett's Master's thesis (supervisor: Dr Kyle Hodder) was nominated for an award based on the academic merit of the research.

The 2013 APEGS Geoscience Prize was awarded to James Avram (BSc Honours candidate), who also was the recipient of the newly established departmental Excellence in Geography Scholarship.

Research

In 2013, two faculty members in the department held NSERC grants (Dr Kyle Hodder, Dr Dave Sauchyn) and funding from Agriculture and Agri-Food Canada (Dr Kyle Hoder, Dr Dave Sauchyn) and the Canada Foundation for Innovation (Dr. Kyle Hodder, Dr Dave Sauchyn, Dr Joe Piwowar). Dr Joe Piwowar holds a Canada Research Chair in Geomatics and Sustainability. Our faculty members also received research funding from the Prairie Provinces Water Board, Department of Fisheries and Oceans, EPCOR Water Services, Alberta Innovates – Water Resources, City of Calgary, WaterSMART Solutions, Manitoba Conservation and Water Stewardship, Saskatchewan Ministry of the Environment, and the Japanese Aerospace Exploration Agency.

Faculty members in the Physical Geography stream published their research in scholarly journals (e.g., Canadian Water Resources Journal, Hydrological Sciences Journal), in books/chapters of books, conference proceedings and as online publications.

Respectfully submitted,

Dr. rer. nat. Julia Siemer
Acting Head, Department of Geography and
Environmental Studies
University of Regina

Regina Engineering Society

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 cooperation 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 members.
- c) To advance the professional, social, and economic welfare of 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 cooperate with other technical societies for the advancement of mutual interests.

RES Executive

The RES Annual General Meeting was held in conjunction with the annual golf tournament on June 7, 2013. The 2013-2014 RES executive was introduced at the meeting:

President	Lisa Vindevoghel
Vice-President	Jamie Kilkenny
Past President	Greg Stephenson
Treasurer	Deanne Cannon
Secretary	Brett Kelln
Technical Presentations	VACANT
Communications & Website	Deborah Mihial
Membership	Sandra Segal

Merchandise	Brett Kelln
Social	Chad Bialobzyski
Horizons Dinner	Jamie Kilkenny
University of Regina	Rob Jones, Kelvin Ng and Douglas Wagner
RESS	Brayden Willenbourg
APEGS	Margaret Anne E. Hodges
CSCE	Brent Miller
RGG	VACANT
IEEE	Ian Sloman

The first meeting of the fiscal year was held in September 2013 where many volunteers were returning to the RES to provide services and enthusiasm for the upcoming season. While there are vacant positions yet to be filled, there are a few members that have expressed their interest in becoming part of the RES executive. We are actively pursuing these possibilities.

Awards and Scholarships

The RES recognized two deserving professionals for their commitment and service to the engineering community. The 2012-2013 Engineering Excellence Award was presented to Paul de Montigny, P.Eng. and the Volunteer Service Award recipient was Shawna Argue, MBA, P.Eng., EP(CEA), EP(EMSA), FEC, FGC (Hon.).

The Regina Engineering Society awarded six students with scholarships. Each of the scholarships is valued at \$500. Five scholarships were given to Engineering Students at the University of Regina, one for each discipline of study. One scholarship was presented to a SIAST Palliser Campus engineering technology student.

RES Events

The RES strives to bring out our members to social activities throughout the year. The RES held another successful Afternoon at the IMAX featuring "Rocky

Saskatoon Engineering Society

Mountain Express” on April 7, 2013 at the Kramer IMAX Theatre, an event which was thoroughly enjoyed by all.

Engineering Horizons Dinner was held following National Engineering Week at the Conexus Arts Center on March 5, 2013. This event featured Mr. Greg Hasiuk from Number Ten Architectural Group as the keynote speaker. The topic of evening was the design of the Douglas Park Elementary School.

The RES Annual Golf Tournament is one of the best attended and most anticipated events hosted by the RES. 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.

To introduce our executive, a Meet the Executive Night was held on November 14, 2013 which was a successful and entertaining event with a larger turnout of members than in the past years.

Sponsorships and Support for External Events

The RES is continuing to provide support to a number of other events throughout the community which include the Regina Science Fair Award, Engineers Without Borders, Women’s History Month, SIAST Business and Industry Dinner, EYES camp, APEGS Law and Ethics Seminar and the IEEE Annual General Meeting.

As well as financial support, the RES provided an active role during the University of Regina’s Project Day which showcases engineering students’ projects. The RES set up a booth near the presentations to provide details to the public regarding the mandate of the RES, information regarding the RES scholarships and RES merchandise. Also, the RES had executive members volunteer as industry evaluators for the students’ projects which was an enjoyable experience for all that attended.

The RES is looking forward to another successful year and would like to thank APEGS for their continuing support and guidance.

Respectfully submitted,

Lisa K. Vindevoghel, B.A.Sc.
RES President

We had a great team of volunteers that helped carry out the duties on the our executive this year. My thanks go to the entire executive. The society carried on operations under the guidance of the executive committee and instructions from our members.

2012-2013 Executive Committee

President Ross Welford P.Eng.
Vice President Jeremy Nelson P.Eng.
Past President Satya Panigrahi P.Eng.
Treasurer Satya Panigrahi P.Eng.
Secretary John Allen P. Eng.
Director Radhey Lal Kushwaha, P. Eng.
Director Rajeev Chadha, P. Eng.
Director Cathy Starkell, P. Eng.
Director Andrew Loken, P. Eng.
Director Helen Song
Director Rajan Kannabiran
Director Tim Makahoniuk
Director Rajan Kannabiran
Director Ashok Thakkar
APEGS Liaison Councilor Doug Drever, P. Eng.
College of Engineering Rick Retzlaff, P. Eng.
Student Representative Ellen McLaughlin / Booker Blakely
. Sakeena Akhtar

Important Events

SES Mixers were held throughout the year at various establishments throughout the city. The largest event was the Christmas mixer at Boffins in

December. Attendance seemed to be growing at mixers this year. Thanks to Cathy Starkell, P.Eng. for organizing the mixers.

Student Paper and Design Competition Night

The 2013 Engineering Innovative Design and Student Paper Competitions were held at Marquis Hall at the University of Saskatchewan. This event is jointly organized by SES and the College of Engineering, University of Saskatchewan, and sponsored by SES, the College of Engineering, Office of the Vice-President Research, University of Saskatchewan and APEGS. Thanks to Rick Retzlaff for organizing this event again this year.

National Engineering Week

As a part of National Engineering Week, the Saskatoon Engineering Society was proud to host our annual 2013 ICE (Industry Celebrating Excellence) Event at the Saskatoon Club. A special thanks to Cathy Starkell for leading the organization of this event. There were more than 10 companies represented and providing displays for the event and more than 50 people in attendance.

Mentoring

The SES helped sponsor a Saskatoon Engineering Students' Society mentoring mixer.

Seminar Series

The SES organized three noon hour presentations at the Atrium Building in Innovation Place. New this year we hosted two evening seminars, one discussing government funding of innovation and one describing successful management practices around the world. Both evening events were successful with over 30 in attendance.

Website

The SES website has been regularly updated to help promote upcoming events.

Professional Development Funding

Another new initiative for the year was the formalizing of a way to help individual members in their professional development. The guidelines were set up so that members could be reimbursed up to \$500 for their continuing education. Although this has not been fully utilized, we hope that additional members can plan to take advantage of this funding.

2013 Awards

SES Educator of the Year Dr. Jitendra Sharma
SES Engineer of the Year Doug Drever

Members and Executive

The increase in activity that the SES had this year would not be possible without the members that provided input and attended our events. Thanks go to the APEGS staff who support and help notify members of our activities.

I thank the members for the opportunity to represent them as president for the past year.

Respectfully submitted,

Ross Welford, P.Eng.
President

Saskatchewan Geological Society

2013 was an active year for the Saskatchewan Geological Society, with a full schedule of events and activities. The core of our activities is the luncheon speakers program, organized by our program Chairs, Kim Kreis and Murray Rogers, who facilitated an outstanding array of speakers on a variety of topics throughout the year.

John Lake organized another successful annual field trip, this year to the Black Hills. A report on the field trip is included below.

Dave MacDougall chaired the AGM planning committee. Dave has worked tirelessly to promote the event, ably assisted by Kate MacLachlan and Michelle Hanson.

Virtually every event conducted by the society is financially enabled and/or subsidized by the income derived from an annual constituent society grant from APEGS and workshops held biennially in conjunction with the Williston Basin Petroleum Conference. Two workshops were held around the May 2013 WBPC. The workshop committee included Mick Frank, Mike Thomas, Chris Hartle, Don Kent, Kim Kreis and Gavin Jensen. Thank you, APEGS, and thanks to the workshop committee (and the many others who help with the workshops) for another job well done.

The society is a co-host of the Saskatchewan Geological Open House. I want to mention the outstanding job that Michelle Hanson, treasurer of both the society and the Open House committee, does in keeping our collective finances straight. The treasurer's job seems to me 10 times more difficult with the addition of the Open House responsibilities, but she is able to wear both hats with composure and keep things organized and transparent. Thank you, Michelle.

The society social events are always popular. The annual curling bonspiel was organized by Lynn Kelley and Kate MacLachlan and held at the Tartan Curling Club in March. We joined forces with the D.M. Kent club and had about 60 curlers. This non-competitive event was followed by a pizza dinner and was enjoyed by all. The annual golf tournament/BBQ, organized by Tom Love, took place in early September. It was well attended and everyone seemed to enjoy themselves.

The society continued in its student outreach program by hosting a Student Careers Nights at the Saskatchewan Geological Open House. The Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) and AllTech Mining are thanked for co-sponsoring these events. The annual

Student Poster Contest was also held in conjunction with the Open House.

The society's website, www.sgshome.ca, has been kept regularly updated by secretary Dan Kohlruss. Dan is working on a website makeover to update the look and feel and functionality of the site. The website contains a publication list, membership forms, merchandise with pictures, current and archived Rock Records and much more. Please check it out.

Many people contribute their time and effort toward the society's activities. To begin I would like to thank the 2013 executive that worked with me over the past year: Dave Van Zeyl (vice president), Michelle Hanson (treasurer), Dan Kohlruss (secretary), Murray Rogers and Kim Kreis (program Co-Chairs), Kate MacLachlan (business manager), Gavin Jensen (past president), and Ashlee Latimer and Mark Matthews (U of R D.M. Kent Geology Club student liaisons) for their work for the society as well as their counsel and 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), Tom Love (golf tournament), Kate MacLachlan and Fran Haidl (education and outreach), Fran Haidl (Geoscape Saskatchewan), Lynn Kelley and Kate MacLachlan (curling bonspiel), Dave MacDougall, Don Kent, and Jim Christopher (Honour Roll), and Jason Berenyi (Open House).

Past-president Gavin Jensen helped keep me focused and on task, and that ain't easy. Thanks for all your help!

Lastly, thank you to the public- and private-sector employers of the society's executive members, including the Saskatchewan Geological Survey, Saskatchewan Ministry of Environment, J.D. Mollard and Associates (2010) Ltd., and Association of Professional Engineers and Geoscientists of Saskatchewan. These agencies and businesses support their employees' work on matters related to the society and other professional and civic organizations. They recognize that the society's programs add value to their interests and the interests of our profession.

I would like to wish the 2014 executive success in running the society in the coming year.

Respectfully submitted,

Lynn I. Kelley, P. Geo., President

Association of Consulting Engineering Companies – Saskatchewan (ACEC-SK)

The Association of Consulting Engineering Companies – Saskatchewan (ACEC-SK), formerly the Consulting Engineers of Saskatchewan (CES), is a not-for-profit association representing the business interests of the majority of consulting engineering and consulting geoscience firms in Saskatchewan.

The association underwent rebranding this year – changing its name to the Association of Consulting Engineering Companies – Saskatchewan (ACEC-SK) to more closely align itself with the national organization, the Association of Consulting Engineering Companies – Canada (ACEC).

ACEC-SK represents almost 70 member firms that employ nearly 2,400 professional, technical and support personnel that provide local, regional, national and international engineering and geoscience services. A number of associate member firms from related interest groups augment the role of ACEC-SK. It is a member of the Association of Consulting Engineering Companies – Canada (ACEC) and is affiliated with the International Federation of Consulting Engineers (FIDIC).

The objectives of ACEC-SK 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 geoscience firms in Saskatchewan and 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 ACEC-SK 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 develop regional representation and participation in the affairs of ACEC-SK

- To operate in liaison and harmony with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)

ACEC-SK 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
- Continued consultations and discussions with all levels of government, ministries and agencies regarding issues affecting the industry
- Providing an annual Recommended Schedule of 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, Industry/Resources, Communications, Risk Mitigation and the Young Professionals Group
- Promotion of ACEC-SK Members through our electronic directory
- Maintain an online presence for the benefit of ACEC-SK members, clients, and the general public
- Dialogue with 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 ACEC-SK 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 the lifetime consulting engineering/geoscience achievements in Saskatchewan
- The ACEC-SK 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

- The ACEC-SK Road Show which provides ACEC-SK with the opportunity to celebrate accomplishments of individuals and member firms. ACEC-SK appreciates the opportunity to showcase its members' achievements at APEGS events
- The Brian Eckel Memorial Scholarship, which was created by family, friends and member firms of ACEC-SK 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
- Active participation in Engineering and Geoscience Week in Saskatchewan 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 Mining Association and others in support of common goals and activities
- Coordination and participation in networking and professional development events for the benefit of ACEC-SK member and associate member firms, clients, suppliers and other industry-related groups, including a human resources conference geared to assist principals find and keep talent
- Recommendations regarding infrastructure and human resource needs to assist with sustaining provincial economic growth
- Advocacy on a number of industry issues

ACEC-SK has refocused its priorities over the last year. The board identified four strategic priorities, including governance, member engagement, profile, and advocacy. It was important to focus internally to ensure the board, its committees, and staff are delivering appropriate member services.

ACEC-SK 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:

Stormy Holmes, P.Eng., Vice Chair
 Tara Reichert, P.Eng., Secretary-Treasurer
 Mel Leu, Past Chair
 Marvin Loewen, P.Eng., Director (part)
 Bryan MacFadden, P.Eng., Director
 Tim Magus, P.Eng., Director
 Jeff Halliday, P.Eng., Director
 Paul Walsh, P.Eng., Director
 Terry Frank, P.Eng., Director
 Brent Wolfater, P.Eng., Young Professionals Liaison
 Leon Botham, P.Eng., APEGS Liaison
 Jason Mewis, P.Eng., ACEC Liaison
 Shane Baillargeon, Associate Member Liaison

ACEC-SK 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 ACEC-SK office (306) 359-3338 or refer to the ACEC-SK website at www.acec-sk.ca.

Respectfully submitted,

Jason Gasmol, P.Eng.
 Chair of the Board of Directors

Regina Engineering Students' Society

It has been a big year for the University of Regina Faculty of Engineering and our corresponding students' society. A new dean, a record number of engineering undergraduates, and many other exciting events made 2013 an excellent year.

As of June 2013, Dr. Esam Hussein is the new Dean of Engineering at the University of Regina. Originally from Alexandria, Egypt and with a Ph.D. in Nuclear Engineering from McMaster University, Dr. Hussein is excited to be at the helm of the Faculty of Engineering at the University of Regina. Dr. Hussein expressed many of his ideas for the future of the faculty when he was the keynote speaker at the Year One-to-Four Reception, an event hosted by the Regina Engineering Students' Society (RESS) and proudly sponsored by APEGS.

APEGS sponsors many of the events hosted by RESS and without their support many of these events could not happen. With APEGS' support, RESS is able to host design competitions, organize fun activities for engineering week, send ambitious students to conferences and support constituent societies like Engineers Without Borders (EWB), Construction and Cougar Motorsports. RESS is looking forward to continuing to host these events in the new year, and with the record number of undergraduate engineering students, these events are looking better and better.

As of November 2013, the University of Regina Faculty of Engineering has 1,023 undergraduate students. This makes 2013 the largest ever student population for our faculty, and is the first year our faculty had over 1,000 students. It is excellent to see that the next generation of engineers that Saskatchewan needs are being generated right here in Regina. The RESS hopes to continue our fantastic relationship with APEGS in our united effort in continuing to produce young and thoughtful engineers.

Respectfully submitted,

Brayden Willenborg
VP Professional Affairs

D.M. Kent Club of Geology

Over the past year, the D.M. Kent Club of Geology at the University of Regina has experienced growth, improvement and success. With the continued increase of enrolment in the Department of Geology, there has been an increased interest in the geosciences at the U of R, more specifically with the D.M. Kent Club. The club has had a successful year thus far, having the opportunity to create new relationships with other student groups in Saskatchewan allowing for us to host, co-host, and attend a variety of both educational and social events.

The school year started off with our annual "Meet and Greet" event which is a way for students to interact with fellow students, professors and alumni. The main objective of this event is to register and obtain membership with the D.M. Kent Club for the year. It is also the first event where everyone catches up with each other on what they did throughout the summer, whether it was student summer positions, work terms, field camps, research or anything else they might have gotten up to. During this same week we also joined the Regina Engineering Students' Society's One to Four year reception as the first event we co-hosted together.

Throughout the remainder of the year, the primary educational events include the biweekly to monthly luncheons hosted by the Saskatchewan Geological Society. Students are able to listen to industry professionals or academics present their latest research and projects, and it also gives us a chance to expand on our knowledge from the classroom. The Saskatchewan Geological Society has done a great job with these luncheons this year, including a talk by Dr. Jim Rice, astrogeologist and former NASA scientist who worked on the Mars Rover program, the largest and most successful they had ever had.

Last year we saw the creation of the University of Regina Paleontology Club and this year they have also seen much success and growth. This club was created to promote interest in paleontological research and to bring in more lectures and events associated with this field. The Paleo Club has seen an expansion in student numbers and events hosted. This winter they have begun a series of monthly lectures on the topic of paleontology at the University of Regina. They also plan to do a trip to the Burgess Shale this summer.

Our next event was the Annual Halloween Bowling. This is always a stress reliever event, taking place after mid-terms and before non-stop November begins. At the end of the fall semester we held our Second Annual Ugly

Christmas Sweater Party on the final day of the semester, co –hosted with the RESS, to celebrate the end of another semester and say goodbye to those students who completed their degree in December.

The New Year started with a bang as 22 of D.M. Kent Club members attended the 50th Annual Western Inter University Geosciences Conference (WIUGC) in Calgary. The U of R successfully hosted this event two years ago, and we had great success sending 14 students last year to Vancouver for the conference. We would like to thank APEGS specifically for providing financial support to us, as they made it possible for our students to attend. WIUGC is a student-run conference that strives to increase interest in geosciences through workshops, seminars and career fairs. Highlights of this conference included participating in a snowshoe tour to caves near Canmore; participating in a core lab workshop; attending various undergraduate, graduate and industry seminars and presentations; and partaking in a career fair with employers from across the country. For the first time the SEG held a national qualifier for the SEG Challenge Bowl at WIUGC. The U of R entered a team for the first time and placed fourth in the competition. The ultimate benefit of the conference was being able to interact with and establish a network between professional geologists as well as fellow students.

This year saw the creation of a new Annual event: “The Geoscience Winter Classic.” This is an inter-university event hosted by the Ore Gangue in Saskatoon or D.M. Kent Club in Regina where the two societies get together and play a hockey game against each other. Following the hockey game, a social event is held where the students can interact with one another. The Ore Gangue hosted the First Annual Geoscience Winter Classic in Saskatoon January 18th and it was a great success. They did a tremendous job planning and putting together a great event. We are looking forward to seeing this event grow in the coming years.

There are still a number of events remaining for the year. We are co-hosting a curling bonspiel for the second year with the Saskatchewan Geological Society. For the third year in a row, we are sending 10 students to PDAC in Toronto which takes place early March. Another conference is the Williston Basin Petroleum Conference (WBPC) which is in early May where several undergraduate students will be volunteering in the workshops and seminars. Meanwhile, students will continue to attend the SGS luncheons and graduate presentations. The final event of the year is the annual year-end banquet

where we bring in a notable industry geologist as keynote speaker and celebrate achievements from the past year.

On behalf of the D.M. Kent Club of Geology, I would like to extend thanks to APEGS for their support and sponsorship over the past year. It is because of APEGS that the D.M. Kent Club has been able to improve our study area and to host and attend various events in relation to expanding geoscience interest and participation. The appreciation and acknowledgement of APEGS is proudly seen throughout the department and amongst club members. Students continue to benefit from the support of APEGS, and thrive in their academic and professional networks.

Respectfully submitted,

Mark Matthews
President

Financial Report

This is a summary of the unaudited Consolidated Statement of Revenues and Expenditures of the Association to December 31, 2013. The Auditor's Report will be available at the 84th Annual Meeting on May 3, 2014.

In 2013 expenditures were \$289,742 less than budgeted, a 6.9% under expenditure. Executive Committee was under budget by \$16,209, Council and its committees were under budget by \$122,189, Operations were over budget by \$20,336, Governance Board and its committees were under budget by \$103,444, the Education Board and its committees were over budget by \$12,155 and the Image and Identity Board and its committees were under budget by \$80,391. The under expenditures were in areas where costs did not rise to the levels envisioned in the budget, as opposed to under execution of planned activities.

Revenue was \$635,246 higher than estimated, which is 13.0% more than the budget. The 2013 budget proposed a surplus of \$710,300, and we ended the year with a projected surplus of \$1,635,288. Our total members' equity at year-end is estimated to be \$7,605,626, and consisted of the projected surplus of \$1,635,288, retained earnings of \$3,532,532, an investigation and discipline training reserve of \$22,550, a working capital reserve of \$2,015,256 and a discipline and enforcement reserve of \$400,000. The strong sustained growth in our province has kept member numbers increasing; hence our revenue was also up.

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

Respectfully submitted,

Margaret Anne Hodges, P.Eng., FEC
Vice-President

Balance Sheet December 31, 2013 (unaudited)

Assets

Current Assets:

Bank Operating Account	\$1,204,130.65
Bank Investigation and Discipline Training	22,402.09
Petty Cash	265.00
Investments	9,793,723.51
Accrued Interest	26,482.23
Accounts Receivable	5,489.99
Prepaid Expenses	142,495.25
Total Current Assets	<u>\$11,194,988.72</u>

Fixed Assets

Office Equipment	\$91,788.44	
Accumulated depreciation	67,383.68	
Net Office Equipment	<u>\$24,404.76</u>	
Computer Equipment	\$90,243.37	
Accumulated depreciation	58,525.87	
Net Computer Equipment	<u>\$31,717.50</u>	
Leasehold Improvements	\$301,977.64	
Accumulated amortization	125,216.79	
Net Leasehold Improvements	<u>\$176,760.85</u>	
Other Intangible Asset	\$442,804.81	
Accumulated amortization	275,500.65	
Net Intangible Asset - Membership Database	<u>\$167,304.16</u>	
Total Fixed Assets and Intangible Asset		400,187.27
Total Assets		<u><u>\$11,595,175.99</u></u>

Liabilities and Members' Equity

Current Liabilities:

Accounts Payable & Accrued Liabilities	\$315,119.41
Accrued Vacations	207,554.72
Goods & Services Tax Payable	135,400.87
Prepaid Annual Dues	3,331,475.00
Total Current Liabilities	<u>\$3,989,550.00</u>

Members' Equity:

Reserves	\$2,415,256.00
Reserves - Investigation and Discipline Training	\$22,550.09
Retained Earnings	3,532,531.52
Surplus/(Deficit) for period	1,635,288.38
Total Members Equity	<u>\$7,605,625.99</u>
Total Liabilities & Members' Equity	<u><u>\$11,595,175.99</u></u>

Consolidated Statement of Revenues and Expenditures for the Period Ended December 31, 2013 (unaudited)

	Unaudited 2013	Budget 2013	% of Budget	Audited 2012
Revenues				
Membership Dues	\$3,971,532.78	\$3,699,000.00	107.37	\$3,680,827.15
Licence Dues	43,453.43	40,350.00	107.69	45,225.00
Certificate of Authorization	609,758.36	498,000.00	122.44	557,737.86
Registration Fees	497,140.00	350,000.00	142.04	450,699.01
Late Payment Surcharges	23,073.00	16,000.00	144.21	24,219.00
Advertising (Newsletter and Website)	53,495.01	85,000.00	62.94	107,151.63
Interest	127,096.38	65,050.00	195.38	103,631.80
Miscellaneous	2,208.99	1,000.00	220.90	2,410.86
Grants - WES Grant 2011/CCWESTT 2012	3,682.94	0.00	0.00	500.00
Professional Practice Exam & Seminar	142,277.01	116,500.00	122.13	142,228.34
Member Seal Fees	10,170.92	5,000.00	203.42	8,032.62
Professional Development Day	28,885.71	6,000.00	481.43	33,761.63
Association Functions (Womens History & Book)	6,121.50	1,750.00	349.80	7,252.44
Total Revenues	\$5,518,896.03	\$4,883,650.00	113.01	\$5,163,677.34
Expenditures				
Executive Committee				
Executive Committee	\$6,668.55	\$13,425.00	49.67	\$5,702.56
Liaisons	62,459.81	64,275.00	97.18	55,836.81
Government Relations	54,484.96	44,200.00	123.27	38,375.20
UofS/UofR Activities	8,153.28	12,000.00	67.94	8,983.95
Provincial Meetings	31,945.17	33,650.00	94.93	25,283.10
Elections	12,485.81	23,400.00	53.36	19,726.62
Annual Report	58,522.43	62,000.00	94.39	53,013.48
Engineers Canada	158,479.57	158,600.00	99.92	148,766.67
CCPG	43,541.55	41,400.00	105.17	30,563.14
Total Executive Committee	\$436,741.13	\$452,950.00	96.42	\$386,251.53
Council & Committees				
Council Meetings				
Council Meetings	\$127,257.07	\$254,750.00	49.95	\$148,687.39
Investigation Committee	52,546.40	42,300.00	124.22	50,911.22
Discipline Committee	3,871.99	11,100.00	34.88	10,903.78
Enforcement	9,535.58	7,250.00	131.53	6,909.09
Total Council	\$193,211.04	\$315,400.00	61.26	\$217,411.48

Consolidated Statement of Revenues and Expenditures (continued)

	Unaudited 2013	Budget 2013	% of Budget	Audited 2012
Operations				
Salaries	\$1,425,090.61	\$1,493,000.00	95.45	\$1,417,030.82
Fixed Asset Purchases	754.67	2,500.00	30.19	3,908.09
Depreciation	117,412.65	120,000.00	97.84	104,595.04
Occupancy Costs	115,165.88	127,000.00	90.68	116,015.49
Professional Fees	191,955.30	48,000.00	399.91	34,091.55
Telephone	9,493.27	12,400.00	76.56	13,723.35
Other Operations Costs	326,288.21	362,925.00	89.91	325,891.53
Total Operations	\$2,186,160.59	\$2,165,825.00	100.94	\$2,015,255.87
Governance Board & Committees				
Governance Board	\$1,284.86	\$5,300.00	24.24	\$904.91
Legislative Review Committee	0.00	350.00	0.00	284.43
CEAB/CEQB Meetings	5,217.95	13,225.00	39.46	8,001.26
Experience Review Committee	75,134.13	76,400.00	98.34	67,027.45
Academic Review Committee/Interviews	17,506.01	26,000.00	67.33	10,514.18
Prof. Practice Exam Com./Seminar & Exam	112,725.43	179,495.00	62.80	138,838.71
Limited Member Admissions Committee	2,257.16	16,800.00	13.44	11,144.11
Total Governance Board	\$214,125.54	\$317,570.00	67.43	\$236,715.05
Education Board & Committees				
Education Board	\$25,362.13	\$10,040.00	252.61	\$4,626.80
Environment and Environmental Issues Committee	3,815.79	7,750.00	49.24	3,163.10
Professional Development Committee	21,821.11	43,250.00	50.45	19,434.02
Student Development Committee	68,644.62	92,800.00	73.97	94,379.58
K to 12 Committee	52,679.55	36,600.00	143.93	24,273.11
Scholarships and Bursaries	30,271.96	0.00	0.00	0.00
Total Education Board	\$202,595.16	\$190,440.00	106.38	\$145,876.61

	Unaudited 2013	Budget 2013	% of Budget	Audited 2012
Image & Identity Board				
Image & Identity Board	\$6,724.05	\$12,650.00	53.15	\$647.35
CPR Committee	325,809.03	353,700.00	92.11	127,088.90
Connection and Involvement Committee	145,143.13	192,515.00	75.39	148,102.47
Awards Committee	2,881.02	2,550.00	112.98	1,341.58
Professional Edge Committee	160,973.03	156,950.00	102.56	145,300.29
Equity and Diversity Committee	4,096.70	12,050.00	34.00	12,415.47
Women's History Task Group	5,147.23	750.00	686.30	5,787.10
Total Image & Identity Board	<u>\$650,774.19</u>	<u>\$731,165.00</u>	89.01	<u>\$440,683.16</u>
Total Expenditures	<u>\$3,883,607.65</u>	<u>\$4,173,350.00</u>	93.06	<u>\$3,442,193.70</u>
Surplus (Deficit)	<u><u>\$1,635,288.38</u></u>	<u><u>\$710,300.00</u></u>		<u><u>\$1,721,483.64</u></u>

Investments & Cash Funds Month Ending December 31, 2013

Company	Purchase	Maturity Date	Annual Date	Invested	Yield %	Maturity Value \$
RBC DOMINION SECURITIES INC.						
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
AGF Trust GIC - Annual (2.050% Annual Yield)	Sept 19/12	Sept 19/14	2.050%	\$100,000.00		\$100,000.00
Montreal Trust CDA GIC - Annual (2.050% Annual Yield)	Sept 19/12	Sept 19/14	2.050%	\$100,000.00		\$100,000.00
Resmor Trust Company GIC - Annual (2.050% Annual Yield)	Sept 19/12	Sept 19/14	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
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

Company	Purchase	Maturity Date	Annual Date	Invested	Yield %	Maturity Value \$
RBC DOMINION SECURITIES INC.						
Home Trust Company GIC - Annual (2.310% Annual Yield)	Sept 30/13	Sept 30/16	2.310%	\$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
BMO Advisors Advan. GIC - Annual (2.650% Annual Yield - #130927-B066D6)	Sept 30/13	Oct 02/17	2.650%	\$800,000.00		\$800,000.00
Nat'l Bank of Canada GIC - Annual (2.650% Annual Yield - #130927-B06632)	Sept 30/13	Oct 02/17	2.650%	\$200,000.00		\$200,000.00
BMO Advisors Advan. GIC - Annual (2.950% Annual Yield - #130926-B07EDE)	Sept 27/13	Sept 27/18	2.950%	\$800,000.00		\$800,000.00
Canadian Tire Bank GIC - Annual (2.950% Annual Yield - #130926-B07EBF)	Sept 27/13	Sept 27/18	2.950%	\$100,000.00		\$100,000.00
Natcan Trust Compnay GIC - Annual (2.900% Annual Yield - #130927-B06632)	Sept 27/13	Sept 27/18	2.900%	\$100,000.00		\$100,000.00
Royal Premium Money Market Fund	n/a	n/a	Variable	\$4,993,723.51		
TOTAL INVESTMENTS				\$9,793,723.51		
ROYAL BANK CURRENT ACCOUNT				\$1,204,130.65		
RBC DOMINION ACCOUNT				\$0.00		
TOTAL INVESTMENTS & CASH BALANCES				<u>\$10,997,854.16</u>		

Performance Reporting

During the 2010-2011 fiscal year, APEGS Council adopted five (5) Strategic Goals to assist in focusing the Association's activities over the next several years. The Goals included emphasis on APEGS' mandate and objects as identified in Section 5 of *The Engineering and Geoscience Professions Act, 1995* as well as others beyond APEGS' core business. 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.

The 2013-2014 Refresh:

Council and staff reviewed the ROCK.doc at the Council orientation session on June 13, and changes discussed during the orientation session have been approved.

Horizon watch issues were also reviewed and considered for their possible impact to the priorities:

- Unlicensed practice for geoscientists/engineers
- Continued membership growth
- Refocus of Geoscientists Canada role
- Office space challenges
- Budget Surplus Management
- Experience/competency reporting on line tool
- Mandatory CPE reporting
- Federal Government immigration requirements
- Technologist seeking scope of practice
- Ministry of the Environment Qualified Persons impacts

Staff reviewed accomplishments across all goals, and using the horizon watch and core business for guidance, proposed the following recommendations:

Add/Move/Keep as a higher priority goal or objective in the Plan:

- Develop a strategic direction for outreach of Council and staff
- Ensure registration – enforcement
- Protect use of title – prohibition
- Increase APEGS' outreach with First Nations
- Improve member communications – implement new website and e-Edge
- Enhance volunteer management

Remove from the Plan:

- Accreditation of employers for approval of experience reports
- Hire an outreach director

Note that the goals of ensuring sustainability of the professions and meeting the requirements of ongoing governance are substantially complete. There still remains a refocus on outreach reporting for Council and staff, and for the committees via the Board reports.

The following tables summarize the progress towards achieving the three focus Goals, in order of priority. Further details are available in the respective Committee and Board reports.

APEGS 2012-2013 Priority Goal Accomplishments

GOAL 4: Ensuring sustainability of the professions.

Objectives:

b) Improve the public profile of the professions

Results:

- New Website went live in December 2013. Significant improvements have been achieved by engaging a consultant to review all content for clear, plain language. Users can more easily navigate the web site, find information and complete application processes.
- Transition to Martin Charlton as a communication professional is completed. We are now in year two of the 3 year media awareness campaign. Theme of the campaign is “We See More”, with the sub-messages of safety and prosperity. The campaign makes extensive use television and the internet, in addition to the more traditional billboards and newspaper inserts.
- K-12 Committee completed the Grade 8 Water Resources Unit, Dam Effects, with specific focus on incorporation of Indigenous Ways of Knowing for First Nations and sustainable development. The completed resource is under pilot with teachers, and will be published for the 2014 school year.
- 4 Gold Medals and 20 Book Prizes awarded to university students.
- Seven awards and 5 Fellow of Engineers Canada (FEC)/FEC(Hon.) presented at the Annual meeting banquet.
- The inaugural presentations to 26 Fellows of Geoscientists Canada (FGC) / FGC (Hon.) took place in 2013. Fellowships from Engineers Canada and Geoscientists Canada will be presented annually.
- A copy of the book Rosie Revere, Engineer (target K to Grade 4) was sent to every primary school in the province during National Engineering and Geoscience week (approximately 900 copies were distributed). The author, Andrea Beaty, will be a keynote speaker at the APEGS 2014 Annual Meeting.
- Equity and Diversity Committee is the leader in bringing the Canadian Coalition of Women in Engineering, Science, Trades and Technology (CCWESTT) to Regina for its biannual meeting in May 2014. APEGS is providing a Teachers Experience Day which includes a tour of a mine site and exposure to the range of science and technology career opportunities for students.
- Student Scholarships and Bursaries for university entrance and returning students were launched and awarded Fall 2013.
- APEGS Member Education Grant for members furthering their education through graduate studies at the Universities of Regina and Saskatchewan will be awarded May 2014 Annual meeting.
- Patron sponsor for the University of Saskatchewan College of Engineering 2012 Centennial. APEGS sponsored a brass commemorative plaque for C.J. Mackenzie, attached to the Broadway Bridge.

APEGS 2012-2013 Priority Goal Accomplishments (continued)

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

Objectives:

b) Enhance/Improve volunteer management

Results:

- Held the Volunteer Orientation Day in Moose Jaw on October 5, 2013. Volunteers participated in a Communication Skills seminar, followed by a networking function. The Volunteer Day has become an annual event and is scheduled this year for September 6, 2014.
- Members can now declare their interest in volunteering in APEGS committees via their On Line Profile. Committees use AMSOFT member database reports to recruit members for committee vacancies.
- Bylaw amendments and systems completed to facilitate member e-voting for Council elections.

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

Objectives:

a) Monitor participation in Continuing Professional Excellence activities

Results:

- Activity planning underway to improve Online member reporting of CPE credits.

b) Broker/Facilitate professional development activities with partners

- May 2013 Annual Meeting and Professional Development activities were attended by over 400 members. Theme: Live and Careers: A Balanced Approach. A feedback survey was implemented and will be conducted annually following the Annual Meeting.
- Fall Professional Development Days (multi track) held January 23/24, in Saskatoon. "Get to the Point" technical writing course (30 participants) and "Working with the Environmental Code" (65 participants) sold out
- Partnered with the University of Saskatchewan's School of Environment and Sustainability and the City of Saskatoon, to deliver a seminar on sustainable transportation planning – "Urban Transportation: Getting where we need to go."
- Provided notices of professional development opportunities via website, e-notices to members, and *Professional Edge* advertising.
- A new grant formula was implemented for the constituent societies.
- Added "Exclusion list" to the On-Line Profile so members and licensees can give their permission to have their email address released to constituent societies.

Other Goals Accomplished in 2013 Through On-going Association Operations

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

GOAL 1: Ensuring registration and compliance requirements are met.

- Experience Review Orientation Presentations held for 401 members in training, applicants, supervisors and mentors, to orient them to the reporting requirements and review the common errors in reporting.
- 1,298 experience reports we reviewed – an all time high, and an increase of 13% over last year.
- 143 engineering applicants required an Academic review – a 10% increase over last year. 12 geoscience applicants required an Academic review – no increase from last year. International graduate applications increased 31% over 2012.
- Registrar's Advisory Committee reviewed 2 cases and published the outcomes in the Professional Edge.
- Engineers Canada Competency Pilot for experience reporting concluded with APEGS members in training.
- Law and Ethics seminar provided for 318 people, the Professional Practice Exam was written by 330 people, and 3 failed.
- Seminars for work experience reporting requirements provided to university students.
- Provided feedback to Engineers Canada on the draft Software Engineering Practice Guideline.

GOAL 3: Proactively regulating the professions.

- Executive participation at the Pacific North West Economic Region (PNWER) 2013 Summit in Anchorage, Alaska (July 2013) and Banff, Alberta (November 2013).
- The President and Executive Director attended the 2013 Saskatchewan Highways and Infrastructure embargoed budget presentation and later in the day, the Budget Speech in the Saskatchewan Legislature.

- Continued to hold joint APEGS/CES Executive Committee meetings biannually.
- Raised awareness for using licensed professionals through tradeshow and industry events.
- 44 Bills introduced in the Saskatchewan Legislative Assembly were monitored during the year by the Legislative Liaison Committee for impact to APEGS, its members, and the practice of engineering and geosciences in Saskatchewan.
- Participated in the Saskatchewan Construction Panel and attended presentations by the Minister of Finance on the 2013 Saskatchewan budget and its implication on the construction industry.

GOAL 4: Ensuring sustainability of the professions.

- Hosted annual MLA Reception in November 2013, along with attending various stakeholder events throughout the year.
- Grants and sponsorships of \$55,000 gifted to the four student societies in engineering and geoscience at the universities of Saskatchewan and Regina for events that allow students to interact with professionals and participate in conferences and competitions. The Student Development Committee put into practice a new funding model to assess and assign funding to the various events.

GOAL 5: Meeting the requirements of ongoing governance and operations

- ARC (31% increase in 2013 for a total of 358 international graduate applications received) and ERC (13% increase in reports reviewed for a total of 1,298) implemented process improvements to deal with significant increase in applications and the demands on the committees.
- 30% increase in Licensee approvals – 8 approved in 2013.
- Council approved the creation of a task group to review the current financial surplus and make recommendations to Council.
- The Investigation Committee met five times throughout the year to address cases.

Other Goals Accomplished in 2013 (continued)

- On-Line renewal of membership and licence were implemented in 2013 for the 2014 renewal season.
- Moved the English language requirement from the member-in-training application stage to the professional member application stage in order to bring APEGS in alignment with most of the country.
- Moved the confirmation of graduation requirement from the professional member application stage to the member-in-training application stage in order to bring APEGS in alignment with the majority of the country as so as to prevent an applicant applying under inter-Association mobility to another Association from getting approved as a professional member without direct confirmation of graduation.
- Started work to give on-line access to Official Reps to manage their Certificates of Authorization (C of A) and renew C of A on-line including fee payment. In 2014, Official Reps will be able to log into the C of A Profile and see all of its details, including field of practice for all engineers and geoscientists listed as having engineering / geoscience responsibility for the C of A.

Respectfully submitted,

Leon Botham, P.Eng., FEC
Past President

APEGS Councilors 2012-2013

Dwayne Gelowitz, President, P.Eng., FEC
Leon Botham, Past – President, P.Eng., FEC, FGC (Hon.)
Andrew Loken, President – Elect, P.Eng., FEC
Margaret Anne Hodges, Vice – President , P.Eng., FEC
Dave Kent, P.Eng., FEC
Andrew Lockwood, P.Eng., FEC
Ian Sloman, P.Eng.
John Unrau, P. Geo.
Robert Cochran, P.Eng.
Tara Zrymiak, P.Eng.
Stormy Holmes, P.Eng., FEC
Penelope Popp, P.Eng.
Rob Stables, P.Eng.
Ben Boots, P.Eng., FEC
Terry Fonstad, P.Eng.
Michael Famulak, P.Geo. (Part year)
Mark Wittrup, P.Eng., P.Geo. (Part year)
John Pearson, P.Geo.
Dwayne Entner, Public Appointee
Gerry Hertz, Public Appointee
Sandra Foster, P.Geo., FEC (Hon.) Geoscientists Canada Director
Rick Kullman, P.Eng., FEC Engineers Canada Director

APEGS Volunteers 2012-2013

A

Rabiya Abdulkadir
Colin Abernethy, P.Eng.
Robert Abernethy, P.Eng.
Dr. -Ing.Sven Achenbach, P.Eng.
Salan Ahmed
Alec Aitken, P.Geo.
Abayomi Akande, P.Eng.
Salman Akhter, P.Eng.
Debra Anderson, P.Eng., FEC
Mary Anderson, P.Geo.
Daryl Andrew, P.Eng.
Gregory Andrist, P.Eng.
Kevin Ansdell, P.Geo., FEC (Hon.), FGC
Shawna Argue, P.Eng., FEC, FGC (Hon.)
Ronald Avery, P.Geo.
Mohammed Aziz, P.Eng.

B

Narendra Bakhshi, P.Eng.
Nicola Banton, P.Eng.
Ernest Barber, P.Eng.
Tonia Batten, P.Eng.
Gordon Beck, P.Eng., FEC
Georges Belcourt, P.Geo.
Jeffrey Bellows, P.Eng.
Stephen Bend, P.Geo.
Luigi Benedicenti, P.Eng.
Lyle Benko
Robert Berry, P.Eng., FEC
Curtis Berthelot, P.Eng.
Darrin Bitter, P.Eng.
Krzysztof Blasiak, P.Eng.
Christopher Blondeel, P.Eng.
Ralph Bock, Geoscience Licensee

Darla Bodnarchuk, P.Eng.
Richard Bond, P.Eng.
Daniel Bonnet, P.Eng.
Ben Boots, P.Eng., FEC
Darren Borstmayer, P.Eng.
Leon Botham, P.Eng., FEC, FGC (Hon.)
G. Botterill, P.Eng.
Ryan Brazeal, P.Eng.
Eric Broberg, P.Eng.
Robert Brockmeyer, P.Eng.
James Bugg, P.Eng.
Wadena Burnett, Engineer-In-Training

C

David Callele, P.Eng.
LeRoss Calnek, P.Eng.
Stephanie Campbell, Engineer-In-Training
Shawn Carriere, P.Eng.
Rajeev Chadha, P.Eng.
Xiongbiao (Daniel) Chen, P.Eng.
Renée Chevalier, P.Eng.
Guoxiang Chi, P.Geo.
Horea Chifa, P.Eng.
Muhammed Chowdhury, Engineer-In-Training
Nurul Chowdhury, P.Eng.
Robert Cochran, P.Eng.
Edward Cooke, P.Eng.
Marcel Coquet, P.Eng.
Vanessa Cozine, P.Eng.
Angeline Crozier, P.Eng.

D

Brian Daku, P.Eng.

Janis Dale, P.Geo.
Kristin Darr, P.Geo.
Zahra Darzi, P.Eng.
S. Daum, P.Eng.
Beatriz de Freitas, P.Eng.
Kelvin DeGrow, P.Eng.
Don Delaney
Pat Dell
John Desjarlais, Engineer-In-Training
Michel Detharet, P.Eng.
Mark Dieno, P.Eng.
Anh Dinh, P.Eng.
Sherri Doidge, P.Eng.
Kurtis Doney, P.Eng.
J. Doug Drever, P.Eng., FEC
Matthew Drotar, P.Eng.
Allan Duff, P.Eng.
Terence Dyck, P.Eng.

E

Edgar Earnshaw, Engineer-In-Training
Sarah Jane Eaton, P.Geo.
Dean Elliott
Meagan Elliott, P.Eng.
Amin Elshorbagy, P.Eng.
Dwayne Entner
Zuri Epp, P.Eng.
Lenard Erickson, P.Eng., FEC
Brenda Evans
Richard Evitts, P.Eng.

F

Kara Fagnou, P.Eng.
Michael Famulak, P.Geo.
Ian Farthing, Engineer-In-Training

Donald Figley, P.Eng.
Onile Finnestad, P.Eng.
Andrea Fisher, P.Eng.
Ian Flegel, P.Eng.
Terrance Fonstad, P.Eng.
Ashley Forbes, P.Eng.
Richard Forbes, P.Eng., FEC
Sandra Foster, P.Geo., FEC (Hon.), FGC
Reza Fotouhi-C., P.Eng., FEC
Norman Freitag, P.Eng.
Dawn Friesen, P.Eng.
Stanley Friesen Reed, P.Eng.

G

Jeremy Gabel, P.Eng.
Allen Gardiner, P.Eng.
James Gates, P.Eng.
Jeremy Gates, P.Eng.
Jeanette Gellela, P.Eng.
Craig Gelowitz, P.Eng.
Dwayne Gelowitz, P.Eng., FEC
Wayne Gienow, P.Eng.
Heather Gilbert
Archie Gillies, P.Eng.
Jon Gillies, P.Eng., FEC, FGC (Hon.)
Grant Gingara, P.Eng.
Grant Godwin, P.Eng.
Jason Gogal, P.Eng.
Monte Gorchinski
Kathryn Grapes-Yeo, P.Geo.
Catherine Griffith, Engineer-In-Training
Qingjuan Guan, P.Eng.
R. Guenther, P.Eng., FEC

APEGS Volunteers 2012-2013 (continued)

H

Masood Haghighi
Allison Hahn, P.Eng.
Mahmoud Halfawy, P.Eng.
Deliang Han, P.Geo.
Timothy Haubrich, P.Eng.
Robert Hawboldt, P.Eng.
Christopher Hawkes, P.Geo.,
Engineer-In-Training
David (Drew) Heasman, P.Geo.
Lawrence Hein, P.Eng., FEC
Blake Heisler, P.Eng.
Timothy Heisler, P.Eng.
T. Heistad, P.Eng.
Jerome Helfrich, P.Eng., FEC
Amr Henni, P.Eng.
Myron Herasymuik, P.Eng., FEC
Bruno Hernani, Engineer-In-Training
Gerry Hertz
Margaret Anne Hodges, P.Eng., FEC
Shane Hodgson, P.Eng.
Philip Holloway, P.Eng.
Stormy Holmes, P.Eng., FEC
Joshua Howe, P.Eng.
Metro Hrabok, P.Eng.
Gordon Huang, P.Eng.
Kevin Hudson, P.Eng.
William Hughes, P.Eng.
David Hundebly, P.Eng.
Glenn Hussey, P.Eng.
Jonathan Hutt, P.Eng.

I J

Daniel Ignatow, P.Eng.
Trodhie Irlandez, P.Eng.
Peter Jackson, P.Eng., FEC, FGC (Hon.)

Mehrnoosh Janbakhsh, P.Eng.
Sami Jasem, P.Eng.
Gavin Jensen, Geoscientist-In-Training
Roy Jewell, P.Eng.
Yee-chung Jin, P.Eng.
Kim Juneke, P.Eng.

K

Athiannan Kaliannan,
Rajesh Karki, P.Eng.
Christopher Kasian, P.Eng.
Brent Keevill, P.Eng.
Douglas Kelln, P.Eng.
Douglas Kelly, P.Eng.
Christopher Kennedy,
David Kent, P.Eng., FEC
David Khani, P.Eng.
Trevor Knoll, P.Eng.
Seok-Bum Ko, P.Eng.
Andrew Kostiuik, P.Eng.
Wesley Kotyk, P.Eng.
Alexandre Koustov, P.Eng.
Trevor Kowalchuk, P.Eng.
Rick Kullman, P.Eng., FEC, FGC (Hon.)
Radhey Kushwaha, P.Eng., FEC
Margaret Kuzyk, P.Eng., FEC, FGC (Hon.)

L

Paul Laforge, P.Eng.
Jared Larson, P.Eng.
Larry Lechner, P.Eng.
Melvin Leu, P.Eng.
Yen-Han Lin, P.Eng.
Kenneth Linnen, P.Eng., FEC
Xiang (William) Liu, P.Eng.

Edward Llewellyn, P.Eng.
Andrew Lockwood, P.Eng., FEC
Andrew Loken, P.Eng., FEC
Arthur Lotts, P.Eng., P.Geo.
Ian Loughran, P.Eng.
Michael Lulchak, P.Eng.
Duane Lunde, P.Eng.
Devin Lung, P.Eng.
Denard Lynch, P.Eng.

M

Mike Makkaoui,
Derrick Mann, P.Eng.
Anastassia Manuilova, P.Eng.
Kirsten Marcia, P.Geo.
Brent Marjerison, P.Eng., FEC
Lynne Marr, P.Eng.
Barry Martin, P.Eng.
John Masich, P.Eng.
Shauna Mathieson,
Kerry Mazurek, P.Eng.
Daniel McCarthy, P.Eng.
Kevin McCullum, P.Eng.
Robert McDonald, P.Eng., FEC, FGC
(Hon.)
Amy McGregor
Michael McKibben, P.Eng.
Fred McLean
Dena McMartin, P.Eng., FEC
Venkatesh Meda, P.Eng.
Muluneh Mekonnen, P.Eng.
Marina Melchiorre, P.Eng.
Lei Meng, P.Eng.
Xiao Wei (Annie) Meng, P.Eng.
James Merriam, P.Geo.
Anant Minhas, P.Eng.

Yuseph Montasser
Terence Monteith, P.Eng.
Li Sheng (Judy) Morgan, P.Eng.
Erin Moss, P.Eng.
Devin Mutschler, P.Eng., P.Geo.

N

Syed Naqvi, P.Eng.
Matthew Naylor, P.Eng.
Subodh Negi, P.Eng.
Kevin Ness, P.Eng.
N. Ralph Newson, P.Eng., P.Geo.
Satindar Nijhawan, P.Eng.
Catherine Niu, P.Eng.
Nancy Normore, P.Geo.

O

Jaylyn Obrigewitsch, Engineer-In-
Training
Akindede Odeshi, P.Eng.
Nnaemeka Okochi, P.Eng.
Arthur Opseth, P.Eng., FEC, FGC (Hon.)
Klaus Ottenbreit, P.Eng.

P

Ronald Palmer, P.Eng.
Harpreet Panesar, P.Eng.
Satyanarayan Panigrahi, P.Eng.
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Young-Jin Park, P.Eng.
Janice Paslawski, P.Eng.
William Passy, P.Eng.
Anna Paturova, P.Eng.
Mark Paulsen, P.Eng.
Brett Pearson, P.Geo.
John Pearson, P.Geo.

Bruce Peberdy, P.Eng.
Christian Pelletier, P.Eng.
Jian Peng, P.Eng.
Toritseju Pessu
Spiros Philopoulos, P.Eng.
Aaron Phoenix, P.Eng., FEC
Alain Pietroniro, P.Eng.
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Kent Pointon, P.Eng.
Damodar Pokhrel, P.Eng.
Penelope Popp, P.Eng.
Carolyn Porter, Engineer-In-Training
Erica Povhe, P.Eng.
Richard Prankev, P.Eng.
Sheri Praski, P.Eng., FEC

R

Murray Radoux, P.Eng.
Kurt Rasmussen, P.Eng.
Behrooz Razban, P.Eng.
Malcolm Reeves, P.Eng., P.Geo., FEC,
FGC
Alain Renaud, P.Geo.
David Rezansoff, P.Geo.
Neil Richardson, P.Eng., FEC
Terry Richelhoff
Francis Rieder, P.Eng.
Ben Robb, P.Eng.
Martin Roberge, P.Eng.
Cheryl Robertson, P.Eng.
Homer Robson, P.Eng.
Deb Rolfes
Amritpaul Romana, P.Eng.
Christopher Ross, P.Eng.
Montgomery Russell, P.Eng.

S

Aryan Saadat Mehr, P.Eng.
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Hamid Salmasi, P.Eng.
Gordon Sarty, P.Eng.
Christopher Sawcyn, P.Eng.
C. Robert Schultz, P.Eng.
Kevin Scobie, P.Eng.
Rajeshkumar Shah, P.Eng.
Satish Sharma, P.Eng.
Mark Sherwood, P.Eng.
Prashanna Shrestha, P.Eng.
Jolene Simon, P.Eng.
Stacey Sirois, P.Eng.
Ian Sloman, P.Eng.
Andrei Smolyakov, P.Eng.
Tyson Snider, P.Eng.
Darrell Solie, P.Eng.
Jafar Soltan Mohammadzadeh, P.Eng.
Douglas Soveran, P.Eng.
Jeffrey Spence, P.Eng.
Ralph Sprenger, P.Eng.
Rob Stables, P.Eng.
Catharine Starkell, P.Eng.
Michael Stein, P.Eng.
Gregory Stephenson, P.Eng.
Matthew Stephenson, Engineer-In-
Training
Raymond Sthamann, P.Geo.
William Stoesz, P.Eng.
John Styles, P.Eng.
Ian Summerfield
Jessie Sutherland
Ian Swann, P.Eng., FEC

T

Mark Taylor, P.Eng.
Christine Tell
Ashok Thakkar, P.Eng.
Jessica Theriault, P.Eng.
Doug Thomson, P.Eng.
Rob Topping, P.Eng.
Farshid Torabi, P.Eng.
Joe Toth, P.Eng.
Jaime Tratch, P.Eng.
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