

The Association of Professional Engineers of Nova Scotia



**Engineers**  
NOVA SCOTIA

**2007 Annual Report**

# Agenda

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## The Association of Professional Engineers of Nova Scotia

### 86th Annual Business Meeting

1. Call to Order (9:30 A.M.)
2. Approval of the Agenda
3. Minute of Silence
4. Approval of the 85th (2005/2006) Annual General Meeting Minutes
5. Business Arising
6. Annual Reports and Introduction of Chairs
  - Officers
  - Committees
  - Zones
7. Treasurer's Audited Report and Budget

*Coffee Break*

*Draw for Prizes*

8. Draw for the Daughters / Sons Scholarships
9. Resolutions (Member Submissions)
10. Election of the 2007/2008 Council
11. Greetings from Engineers Canada
12. President's Remarks (2007/2008 Focus)
13. Other Business
14. Adjournment

# Council and Staff

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## APENS Council 2006 - 2007

David Lea, P.Eng	President
Conrad LeLievre, P.Eng.	Vice-President
Terry Hennigar, M.Sc., P.Eng.	Past-President
Dr. Paul Amyotte, P.Eng.	Councillor
Brian Bohaker, P.Eng.	Councillor
Wadih Fares, P.Eng.	Councillor
Janice Harland, P.Eng.	Councillor
Dan MacDonald, P.Eng.	Councillor
Grant McCharles, P.Eng.	Councillor
Dr. Andrew Mitchell, P.Eng.	Councillor
Tim Murphy, P.Eng.	Councillor

## Engineers Nova Scotia Staff

### **Executive Director and Registrar**

Len White, P.Eng., MBA, CGA

### **Director of Professional Practice**

Dermot Mulrooney, M.Eng., P.Eng.

### **Director of Registration**

Sandra Oickle

### **Director of Finance and Administration**

Virginia MacQuarrie

### **Director of Communications and IT**

Christine Larocque

### **Enforcement/Compliance Officer**

Patricia J. Hanson

### **Registration Coordinator**

Stacey Peters

### **Executive Assistant**

Alison Ward

### **Administrative Assistant**

Jodi Oickle

# Annual Report Contents

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## Agenda

Annual Business Meeting Agenda .....	2
--------------------------------------	---

## Minutes

85th AGM Business Meeting Minutes .....	4
---	---

## Staff Reports

President .....	9
Executive Director .....	11
CCPE Director .....	13
Director of Professional Practice .....	14
Director of Registration .....	17
Auditor's Report (See Attached)	

## Committee Reports

Act Enforcement .....	19
Annual General Meeting .....	19
Awards .....	20
Board of Examiners .....	20
Complaints .....	21
Energy .....	21
Environment .....	21
Finance .....	21
National Engineering Week .....	22
Public Safety .....	22
Student Affairs .....	23

## Zone Reports

Colchester .....	25
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# Annual Business Meeting 2006 Session Minutes

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The 2006 Annual General Meeting and Engineering Conference Business Session was held at the Westin Nova Scotian Hotel in the Atlantic Ballroom on September 29<sup>th</sup>, 2006.

## 1.0 CALL TO ORDER

APENS President and Chair, Terry Hennigar, P.Eng. called the meeting to order at 9:00 am and welcomed everyone to the 85<sup>th</sup> Annual General Business Meeting. He noted that members should have signed the official register, and picked up a registration package containing reference documents for the meeting and a member voting card. Terry also informed everyone that the Awards Luncheon would be held in the same room and he anticipated that the business session would be finished by 12:00 p.m.

President Terry Hennigar, P.Eng., introduced the members of APENS Council who were present:

- Dr. Leslie T. Russell, P.Eng., Past President
- Terry Hennigar, P.Eng., President - Chair
- David Lea, P.Eng., Vice President
- Bob MacDonald, P.Eng. - outgoing Councillor
- Shelley Gray, P.Eng. - outgoing Councillor
- Donald Mason, P.Eng. - outgoing Councillor
- Brian Bohaker - outgoing Councillor
- Janice Harland, P.Eng.
- Grant McCharles, P.Eng.
- Conrad LeLievre, P.Eng.

The President also introduced:

- Bruce Wornell, P.Eng., a Past President and CCPE Director
- Len White, P.Eng., APENS Executive Director and Registrar

The President noted that the official sponsor of the APENS 85<sup>th</sup> Annual Business Meeting was XL Design Professional & A and E Insurance Ltd.

The President asked Life Members present to stand and be recognized. (A complete list of Life Members can be found listed on page 15 of the 2006 Annual Report)

President Hennigar recognized representatives in attendance from the Constituent Associations of the Canadian Council of Professional Engineers (CCPE):

- Ken McMartin, P.Eng., President CCPE
- Brian Smith, Director of Public Affairs CCPE

And from east to west:

- Doug Goodridge, P.Eng., President - PEG-NL

- Steve McLean, P.Eng., Executive Director - PEG-NL
- Chris Dixon, P.Eng., President - APEPEI
- Frank Parslow, P.Eng. Executive Director & Registrar - APEPEI
- Iris Auclair-Bernard, P.Eng., President - APEGNB
- Walter Bilanski, Ph.D., P.Eng., President-elect - PEO
- Kim Allen, P.Eng. - CEO / Registrar - PEO
- Steve Halabura, P.Geo., President - APEGS
- Dennis Paddock, P.Eng., Executive Director & Registrar - APEGS
- David Chalcraft, P.Eng. President - APEGGA
- Len Shrimpton, P.Eng. - Director of Internal Affairs - APEGGA
- Dr. Robert Ito, P.Eng.- President - APEGBC

## 2.0 Approval of Agenda

On a **Motion** by Bryan Darrell, P.Eng., and **Seconded** by Donald Roy, P.Eng., it was resolved to adopt the Agenda as printed on the inside cover of the 2006 Annual Report.

**Carried**

President Hennigar reminded those present to move to a microphone and identify themselves when addressing the meeting.

## 3.0 Minute of Silence

A moment of silence was held for members who passed away in the past year. These members are listed on page 17 of the 2006 Annual Report.

## 4.0 Approval of the 84<sup>th</sup> (2004-2005) Annual General Business Meeting Minutes

On a **Motion** by E. Bruce Wornell, P.Eng. and **Seconded** by Philip Vaughan, P.Eng., it was resolved that the minutes of the 84<sup>th</sup> Annual General Business Meeting be approved as found in the 2006 Annual Report. **Carried**

## 5.0 Business Arising

Motion passed during 84<sup>th</sup> Annual Business Meeting:

*"Be it resolved that the 2005/2006 Council of the Association of Professional Engineers of Nova Scotia be directed to address the critical issue of the diminished role of the Professional Engineer in Nova Scotia. For clarification, this means that Council will be expected to develop a plan to increase the sphere of influence of APENS within governments; to ensure that these governments recognize the roles and responsibilities of the profession; and to ensure that the APENS is included in many of the policy decisions being undertaken at both the provincial and municipal level."*

**Response to Motion**

President Terry Hennigar spoke to this motion and noted that a plan has been implemented in terms of increasing awareness at the Government level. Terry provided members with an update on activities such as Bridging Engineers and Government, Mobility, Immigration and Climate change. Nova Scotia has eleven elected Members of Parliament and next week three APENS representatives will be attending a reception on Parliament Hill in Ottawa.

The President also noted that he and the APENS Executive Director met with Government officials throughout the year and the Premier of Nova Scotia held a cabinet meeting in the APENS boardroom within the last year, which is significant in many respects. APENS has also hosted the Mayor of Halifax on a number of occasions. The President also noted that MISA recognized APENS as the first and only recipient of the Richard (Dick) Smyth award. The President thanked members for bringing this issue to the meeting last year.

**6.0 Annual Reports and Introduction of Chairs**

President Terry Hennigar, P.Eng. noted that the Officer's Reports would now be heard and requested that Vice President, David Lea, P.Eng. assume the Chair.

**President's Report**

President Terry Hennigar, P.Eng. reviewed the report, found on page 7 of the distributed 2006 Annual Report. Terry Hennigar also presented a Power Point presentation, which was included in the Registration folders and distributed prior to the Business Meeting. The Presentation included a review of accomplishments over the past year.

On a **Motion** by Dr. Ronald Gilkie, P.Eng. and **Seconded** by Ron Martin, P.Eng., it was resolved that the President's Report as listed on page 7 of the pre-distributed 2006 Annual Report be accepted. **Carried**

**CCPE Director's Report**

Bruce Wornell, P.Eng., spoke to his report, found on page 10 of the 2006 Annual Report. Bruce also provided a Power Point presentation, which was distributed prior to the Business Meeting. The presentation outlined the role of CCPE and some of the recent issues and accomplishments.

On a **Motion** by Bruce Wornell, P.Eng. and **Seconded** by Donald L. Mason, P.Eng., it was resolved that the CCPE Director's Report, as listed on page 10 of the distributed 2006 Annual Report be accepted.

**Carried**

On a **Motion** by Bruce Wornell, P.Eng. and **Seconded** by Donald L. Mason, P.Eng. it was resolved that APENS continue to support the CCPE. **Carried**

**Executive Director's Report**

Len White, MBA, CGA, P.Eng. welcomed everyone and spoke to his report, found on page 9 of the 2006 Annual Report. As well, Len spoke briefly of the Professional Practice report on page 11 and the Registration Report on page 14. Len noted that APENS has been very active with Act Enforcement issues and promotion of the membership and that APENS depends on the many volunteers (over 300) and staff to make APENS successful. Len thanked the chairs of the committees that report to him, and made note of the following who were present at the meeting.

Conrad LeLievre, P.Eng.

**Public Safety Committee**

Brian Bohaker, P.Eng.

**Annual General Meeting Committee**

Christine Bonnell-Eisnor, P.Eng.

**Student Affairs Committee**

Jane Thorburn, Ph.D., P.Eng.

(Retiring Chair – Not Present)

**Student Awards Committee**

Jamie Hannam, P.Eng.

**Awards Committee**

Phil Elliot, P.Eng.

**Energy Committee**

Joe Landry, P.Eng. (Not Present)

**Act Enforcement Committee**

Chris Feetham, P.Eng. (Not Present)

**Environment Committee**

Len also introduced senior APENS staff and thanked all staff for their hard work over the past year.

Dermot Mulrooney, M. Eng., P.Eng.

**Director of Professional Practice**

Christine Larocque

**Director of Communications and IT**

Sandra Oickle

**Director of Registration**

Virginia MacQuarrie

**Director Finance & Administration**

On a **Motion** by Len White, MBA, CGA, P.Eng. and **Seconded** by Shelley Gray, P.Eng., it was resolved that the Executive Directors Report,

the Registration Report and the Professional Practice Report as listed on pages 9, 11 and 14 of the 2006 Annual Report, be accepted.

**Carried**

### Committee and Zone Reports

It was noted that reports prepared by those committee chairs that report to Council, as well as Zone Reports, are included in the 2006 Annual Report. President Hennigar acknowledged the presence of the zone representatives and asked those present to stand and be recognized.

Harry Daemen, P.Eng. (not present)

#### **Antigonish / Guysborough**

Grant McCharles, P.Eng.

#### **Cape Breton / Victoria**

Glenn Ross, P.Eng.

#### **Colchester**

Andrew Polegato, P.Eng.

#### **Cumberland**

Conrad LeLievre, P.Eng.

#### **Kings / Annapolis**

Vivek Tomar, P.Eng.

#### **Halifax / Hants**

Ron Marks (not present)

#### **Pictou**

Darrin MacLean, P.Eng.

#### **Inverness / Richmond**

On a **Motion** by Donald L. Mason, P.Eng. and **Seconded** by Dr. Leslie T. Russell, P.Eng., it was resolved to accept the Committee Reports and Zone Reports as found in the 2006 Annual Report. **Carried**

## 7.0 Treasurer's Audited Report and Budget

APENS Treasurer Len White, MBA, CGA, P.Eng., introduced Steve March, P.Eng., Chair of the APENS Finance Committee. Len noted that the Audited Financial Statements and Annual Report have been available on the APENS website for several weeks.

Steve March reviewed the APENS Financial reports and audited financial statements that were included in the pre-distributed 2006 Annual Report. Steve noted that the Audit was prepared by Grant Thornton, and he briefly reviewed the Actuals and Budget for the current year. Steve noted that APENS ended the year slightly better than budget. Revenues were slightly higher than budget and APENS does not require a dues increase in the coming year. Steve welcomed questions from those present.

Bob King, P.Eng. – Bob questioned whether the budget document and the audited financial

statements could be formatted to make comparisons easier. Len indicated that staff would review his request. He also noted that Audited Financial Statements are done by the Auditors and the Budget is done by APENS staff, and the documents may continue to have different formats as they serve different purposes.

Bryan Darrell, P.Eng. – Brian raised the issue of social responsibility in investments, and asked whether there are any plans to invest in Environmental Securities. Len responded and noted that APENS only invests in top quality bonds, with the primary focus being the security of the investments.

Phil Elliott, P.Eng. – Phil asked for clarification on the number of members. Len responded to this and noted that the membership growth varies from year to year, and may not match the change in revenues because the fiscal year is not the same as the membership year.

Bob King, P.Eng. – Bob asked whether forecasted revenues were too conservative. Len responded by noting that in the past year we exceeded budget through items such as increased examination fees. This reflects the fact that APENS has been very successful with items such as the student program. Len noted that APENS has 350 Student Members, and we encourage these students to register as EIT's upon graduation.

On a **Motion** by Steve March, P.Eng., and **Seconded** by Bob King, P.Eng., it was resolved that the Treasurer's Report, found as an insert in the pre-distributed 2006 Annual Report be adopted. **Carried**

The APENS Annual Business Meeting recessed (Refreshment Break Sponsored by YMCL Engineering)

Door prizes were drawn at this time.

Recipients of the Door prizes include;

- Phil Elliott, P.Eng. – APENS Jacket
- Steve March, P.Eng. – ADI – Spring Jacket
- Michael Gauthier, P.Eng. – ADI BBQ Set
- Bob King, P.Eng. – APENS Bag
- Phil Vaughan, P.Eng. – ADI BBQ Set
- Dr. Robert Ito, P.Eng. – President APEGBC – AEPNS Bag
- Donald L. Mason, P.Eng. – APENS Golf Shirt

## 8.0 Recognition of Retiring Chairs

The President offered thanks to Dr. Jane Thorburn, P.Eng., retiring Chair of the APENS Student Affairs Committee. Dr. Thorburn was

not present but will be presented with a Service Pin at a later date.

### 9.0 Draw for Sons/Daughters Scholarships

2006 Sons and Daughters Scholarship Recipients Include:

- Stacia Baldwin,  
daughter of John Baldwin, P.Eng.
- Angela Boutilier,  
daughter of Stephen Boutilier, P.Eng.
- Victor Chabot,  
son of Dan Chabot, P.Eng.
- Michael Crowell,  
son of Bradley Crowell, P.Eng.
- Travis Esau,  
son of Carl Esau, P.Eng.
- Kyle Gillis,  
son of Edward Gillis, P.Eng.
- Annie Oldford,  
daughter of Paul Oldford, P.Eng.
- Alexander Palmeter,  
son of Maureen Palmeter, P.Eng. and  
Aubrey Palmeter, P.Eng.
- Logan Smith,  
son of Brent Smith, P.Eng.
- Corey Stewart,  
son of J. Aubrey Stewart, P.Eng.
- Philippe Thibodeau,  
son of Victor Thibodeau, P.Eng.
- Alexandra Wade,  
daughter of Peter Wade, P.Eng.
- Patrick Webster,  
son of Trent Webster, P.Eng.

President Hennigar noted that while there are eight (8) \$500 scholarships available to the sons and daughters of APENS members for study in an engineering program, Council elected this year to award scholarships to all that applied. The intent of these scholarships is to return something tangible to the APENS membership, while encouraging and promoting the study of science and engineering. The scholarships are awarded by random draw from those that apply. An awards reception will be held next week at the APENS office for the Award Recipients and their parents.

### 10.0 Resolutions (Member Submissions)

No resolutions were submitted

### 11.0 Election of 2006-2007 Council

President Terry Hennigar, P.Eng. called upon Bryan Darrell, P.Eng., chair of the Scrutineers Committee, to present the Scrutineers Report. The Scrutineers Committee consisted of the following members, Skit Ferguson, P.Eng., John MacKinnon, P.Eng. and Bryan Darrell, P.Eng. 823

Ballots were received and 1 spoiled. Bryan Darrell, P.Eng. noted that 823 ballots were received and 1 spoiled, with the results as follows:

President:

David Lea, P.Eng.

Vice President:

Conrad LeLievre, P.Eng.

2 Councillors Resident in Halifax:

Tim Murphy, P.Eng.

Wadih Fares, P.Eng.

2 Councillors Resident outside Halifax:

Dan MacDonald, P.Eng.

Dr. Andrew Mitchell, P.Eng.

On a **Motion** by Bryan Darrell, P.Eng. and **Seconded** by E. Bruce Wornell, P.Eng. it was resolved to approve the Scrutineers Report. **Carried**

President Hennigar, P.Eng. declared the results of the Council Ballot and installed the new officers.

### Installation of the President

Terry Hennigar P.Eng. introduced APENS incoming President, David Lea, P.Eng. and presented him with the APENS President's Medal. In turn, President David Lea, P.Eng., presented Terry Hennigar, P.Eng. with the Past President's pin and thanked him for his contributions over the past year. David Lea, P.Eng. thanked the outgoing Councilors for all of their hard work.

Outgoing Council

- Halifax:
  - Shelley Gray, P.Eng.
  - Donald L. Mason, P.Eng.
- Outside Halifax
  - Bob MacDonald, P.Eng.
  - Brian Bohaker, P.Eng.
- Past President
  - Dr. Leslie T. Russell, P.Eng.

Terry Hennigar, P.Eng. turned the chair over to David Lea, P.Eng. President David Lea, P.Eng. introduced the newly elected Councilors and asked them to stand and be recognized.

- Vice-President
  - Conrad LeLievre, P.Eng.
- Halifax
  - Tim Murphy, P.Eng.
  - Wadih Fares, P.Eng. - Halifax
- Outside Halifax
  - Dan MacDonald, P.Eng.
  - Dr. Andrew Mitchell, P.Eng.

As well as recognizing those candidates that

were successful in the Council Election, President Lea, P.Eng. thanked all candidates for allowing their names to stand for election. He noted that there are no winners or losers in this process. Just to be asked to allow your name to be put forward is an honour.

### 12.0 Greetings from CCPE

Ken McMartin, P.Eng., President CCPE

Ken extended greetings to APENS for the hospitality, and congratulated Terry Hennigar, P.Eng. on his year as President. It was noted that APENS had a good year and that committees seemed to be very strong. Congratulations were extended to David Lea, P.Eng. on being elected as President. Ken provided an update of CCPE initiatives including the Labor Market Study and the signing of an MOU with five other engineering groups. Ken thanked APENS Members who serve on CCPE Committees, including E. Bruce Wornell, P.Eng., Dr. Paul Amyotte, P.Eng. and Chris Zinck, P.Eng.

### 13.0 President's Remarks (2006-2007 Focus)

David Lea, P.Eng. thanked the membership for their trust in electing him as President for the 2006-2007 year. He noted that an appointment to Council in the position of President is not only an honor but a privilege. David then provided a slide presentation outlining some of the issues coming before Council over the next year.

#### Member Feedback

Genanne Beck, P.Eng. – Genanne noted that she would welcome more information about Bridging Engineers with Government, and suggested that the Federal level is a whole new level of contact that APENS should consider.

Ian Dempsey, P.Eng. – Ian commented that APENS should work on the development of the identity of engineering and the creation of an active partnership with Camp 7. Ian also noted that he is worried that APENS is losing some of the newer graduates, because many graduates don't feel they need to register.

Mike Topley, P.Eng. – Mike congratulated David Lea, P.Eng. on his election. Mike commented that APENS needed to conclude the implementation of mandatory professional development.

Murray Doehler, P.Eng. – Murray suggested that a partnership with the Wardens and CCPE could be a great relationship.

Dr. Ron Gilkie, P.Eng. - Dr. Gilkie is the Secretary and Alternate Warden of Camp 7. He indicated that he has brought this issue to the table on a number of occasions, and there would be further discussion in the coming months.

David Lea, P.Eng. - Clarified that the objective of Council is to work with the Iron Ring Ceremony to inform students of the responsibility of engineers and the need to be licensed.

Christine Bonnell-Eisnor, P.Eng. – Commented that she is pleased to see that the goals for the coming year involve increasing awareness. Christine suggested that APENS seek member feedback on why members are not involved. APENS should focus on succession planning in getting young engineers involved, perhaps organize some focus groups.

Jim Simmons, P.Eng. – Jim suggested that there is a need to raise awareness with the general public about the impact of engineers on society.

Darrin McLean, P.Eng. – Darrin suggested that consideration should be given to the way the Zones are set up and formalized. He indicated that Zone members are not aware of the progress that is being made.

### 14.0 Other Business

N/A

### 15.0 Adjournment

On a **Motion** by Hector Jacques, P.Eng. and **Seconded** by Bruce Wornell, P.Eng. it was resolved to adjourn the 85<sup>th</sup> Annual Business Meeting at 12:00 p.m. **Carried**



# President's Report

## David Lea, P.Eng.

At the last annual meeting of the association, I reviewed with the members a number of goals that were set by Council for accomplishment or advancement during my term as President. The key goals dealt with Continuing

Professional Development, a review of our discipline process, continuing communication with the Camp 7 wardens, passage of our Act revisions through the provincial legislature, a review of the registration process, development of an approach to raise awareness of engineering, revisions to the AGM, preliminary planning for the centennial of our association, conduct a re-evaluation of the council self evaluation process, select a new representative for Engineers Canada, and continue to ensure that Engineers Canada is a member driven organization. Despite this being a long and ambitious list, I feel that progress has been made against all these goals. The following provides a brief synopsis of that progress.

### **Continuing Professional Development**

The development of continuing professional development programs in other provincial associations has necessitated the need for a similar program here in order to ensure that our members will be able to continue to enjoy full mobility across the country. The many and rapid changes in our profession demonstrate the importance of continual training in order to stay up to date in all aspects of professional practice and be best able to serve and protect the public. Council has approved a continuing professional development model that will be sent to the membership for approval by letter ballot. Approval of the model would then see it included in Act revisions that would be sent to the provincial government for enactment.

### **Review of the Discipline Process**

The Disciplinary Process Review Committee sent a final version of proposed Act changes dealing with the disciplinary changes to Council. The final version was approved by Council and will be included in an upcoming letter ballot to the membership.

### **Communication with Camp 7 Wardens**

There is a perception among the public as well as many engineering students that the receiving and wearing of the iron ring is synonymous with being a practicing professional engineer. APENS, along with Engineers Canada and some other provincial associations have been attempting to correct this perception through improved communications with the various iron ring camps across the country. The purpose of the improved communication is to allow the iron ring ceremonies to

be used to convey to recipients the importance of registration in order to practice the profession. I am happy to report some success on this goal in the past year. The boardroom at APENS was used to host the Camp 7 scholarship award winners at a wine and cheese reception in November. The Camp 7 wardens, the scholarship award winners, one from each department in the Engineering Faculty, and the APENS executive were in attendance. At the iron ring ceremony at Sexton Gymnasium in March, the importance of professional registration was included in one of the speeches given by a Camp 7 warden to the recipients. Camp 7 has recently approached APENS for suggestions for a new warden for the camp. These successes, coupled with our very high student membership numbers, suggests that our relationship with Camp 7 is excellent and that there is little misconception among engineering students in Nova Scotia about the difference between receiving the iron ring and becoming a practicing professional.

### **Passage of Act Revisions**

Our revised Act passed third and final reading in the house of assembly last November and was officially proclaimed into law in June. This marks the culmination of many years of work by APENS staff and committee volunteers. The process of revising the act, although slow and arduous, was important since it has provided us with a roadmap for the future that should allow the next set of act revisions to proceed much more smoothly and quickly.

### **Review of the Registration Process**

Council has discussed and been advised of discrepancies in the costs of registration for members and LTP's depending upon their place of residence. With the new Act revisions now permitting membership for out of province residents, council agreed to adjust the fee schedule to eliminate fee based discrepancies based on residency. Council was also informed about ongoing work regarding the establishment of a limited license category of membership. Work to establish this category is ongoing and any decision regarding establishment of a new membership category will be carried over to the next council and ultimately to the members for approval of a required Act revision.

### **Develop an Approach to Raise Awareness of Engineering**

APENS is always on the lookout for new opportunities to promote the profession in a positive light and to encourage students to consider engineering as a career. The successful egg drop and bridge building competitions held in schools throughout Nova Scotia during National Engineering week are examples of a positive promotion of the profession. APENS also sponsors and arranges volunteers for school science

fairs, design competitions, science and engineering discovery camps, and school career days. In addition, this past March APENS hosted a provincial government cabinet meeting at the Faculty of Engineering boardroom at Dalhousie. I was able to meet the cabinet members and address them briefly about the importance of the engineering profession as a driver of the provincial economy. To further demonstrate the excellent relationship our association has with the provincial government, our Executive Director was invited to accompany the Premier to Ottawa for the first Nova Scotia day, an initiative to raise the profile of the province with the federal government. Ours was the only professional association to be invited.

### Revisions to the AGM

A special committee of council was organized to look into concerns raised at previous AGM's and recommend solutions to correct these concerns. The two most significant concerns that the committee dealt with were lack of attendance at the business session and attracting more young members to the AGM. Several ideas were submitted to council and some will be incorporated into this year's AGM with additional changes in future years based on member response.

### Preliminary Planning for the Association Centennial

Although the centennial of our association does not occur until 2020, it was decided that some preliminary planning could begin now to assist future councils. The concept of an association history was discussed and agreed to be a worthwhile project. Discussions were held with the Dean of Engineering at Dalhousie about securing funding in the future to sponsor one or two students to spend a summer term conducting some primary research into the association and the profession in Nova Scotia since 1920. One significant aspect of the research would be interviews with many senior engineers who could provide perspective and first hand experience of the practice of engineering in the past. This initiative and the discussions are ongoing and will continue through all subsequent councils up to the centennial year.

### Council Self Evaluation Process

Council conducts a self evaluation of itself at the midpoint of the council year to determine if it is meeting its objectives. The previous evaluation process left little opportunity for opinion or abstract ideas and was mostly an objective points based system. The process was revised to one that has a combination of an objective points system and a subjective ideas section where council members are required to qualify their opinions and suggestions for change. The new process encouraged lively debate and was better able to ensure that all council members have their opinions heard.

### Select a New Representative for Engineers Canada

Following a procedure established by a previous council, the president and vice president, serving as a nominating committee, contacted all past presidents that have held office since the current Engineers Canada director was appointed. The names of the past presidents from this list who expressed interest in being considered for the position were brought to council for discussion and decision on the new director. By this method, council agreed to appoint Terry Hennigar P.Eng. as the new Engineers Canada Director for Nova Scotia.

### Continue to Ensure Engineers Canada is a Member Driven Organization

During the past year I attended two Engineers Canada meetings at which I attended meetings of all presidents of the constituent member associations. These meetings, which began only two years ago, were an excellent opportunity to get to meet the other presidents in a more relaxed informal setting and to learn different perspectives on issues of national importance. Joint meetings of the presidents and executive directors were also useful to more fully understand the issues and the work being done. Engineers Canada is responsive to the concerns of the constituent members and by having our director as an integral part of all council discussions, we are ensuring that our concerns and opinions are heard and have a voice at the Board of Directors meetings.

### Final Thoughts

My predecessors in this position were correct when they said that I should enjoy my time as president because it will go by very quickly. The initial concern about the time commitment of the position, coupled with a challenging professional career and a young family, were allayed by the calm efficient way that the APENS staff run the organization. It is to the staff, especially Executive Director Len White P.Eng. , that I owe a heartfelt thank you.

The council meetings, although long at times, were always well organized and conducted with a high degree of decorum and mutual respect among all councilors. It was my sincere wish at the beginning of my term as president that all councilors would have their voices heard and respected and that they would feel a sense of accomplishment from each meeting.



## Executive Director's Report

**Len White, P.Eng., MBA, CGA**

As our year draws to a close, I want to reflect on a few accomplishments. This has been an exceptional year in many respects.

We made significant progress in building a strong relationship with various levels of government. At the federal level, your association representatives were able to attend a parliamentary reception in Ottawa arranged by the Canadian Council of Professional Engineers (now known as Engineers Canada). There were also several subsequent meetings with individual Members of Parliament from Nova Scotia. The federal government is very much aware, and very supportive, of the leadership role we have taken in promoting national mobility for the engineering profession.

At the provincial level, we once again hosted a provincial Cabinet meeting where our President was able to address Cabinet and give an overview of our association's activities and the importance of the engineering profession to Nova Scotia. The Premier was able to attend our Student / Professional Reception in March, where the students had an opportunity to speak with the Premier about their projects and activities. I was personally invited to accompany the Premier to a "Nova Scotia Day in Ottawa", which was very successful. To my knowledge we were the only professional association invited to participate in that event. I believe we have come a long way over the last few years, and the current year in particular, in strengthening our relationships with government. Our meetings with government have been very helpful and government now has a much better appreciation of your association's role and the strength and diversity of our 4,700 members.

Council has been involved for a number of years with Act and Bylaw revisions. Our first major update to the Act and Bylaws in some 15 years was completed when government passed the Engineering Profession Act through third reading last November 23. Bill # 114 Engineering Profession Act was followed by Bill #115 Architects Act. The passage of these two simultaneous Bills speaks volumes about our improved relationships with our sister associations in Nova Scotia, and the mutual support we provide each other.

The Act changes completed this year allow significant improvements. We have 400 Engineers-in-Training who are now able to vote and participate in our Association to a much greater extent, for the first time in our 87 year history. We now have legislative authority to create Joint Practice Boards with other regulatory associations, so we can effectively deal with joint practice issues of mutual concern. We have removed mobility restrictions that were contained in our prior Act, by extending the residency requirement for full membership to Canada rather than restricting membership to Nova Scotia. We now have authority for electronic balloting, and Council can now deal with minor dues increases without the need for a costly member vote. All in all, we made great strides during the year in improving our legislative governance.

We will be pursuing additional legislative improvements in the upcoming year. Members will be asked to approve a mandatory professional development program; to approve a significant modernization of our complaints and disciplinary processes; and to approve an updated Code of Ethics. I expect that a letter ballot will be sent to the membership in early November.

Your association continues to recognize its' members and their significant contributions to society. During the year a number of awards were presented. In addition, the following awards will be presented as part of our Annual General Meeting activities.

**F.H. Sexton Gold Medal Award**

**Dr. John Brown, P. Eng.**

**Engineering Award**

**Marcel Deveau, P.Eng.**

**J. D. Fraser Service Award**

**Christine Bonnell-Eisnor, P.Eng., and  
John Eisnor, P.Eng.**

**Citizenship Award**

**Tarun Biju, P.Eng.**

**Young Engineer Award**

**Robbie Fraser, P.Eng.**

**Honorary Life Membership**

**Terry Hennigar, P.Eng.**

**Dexter Kaulbach, P.Eng., and  
John Hugh MacDonald, P.Eng.**

We continue to take a lead role in the activities of Engineers Canada. Through Engineers Canada, we continued our commitment to the mobility of the





# Engineers Canada Director's Report

## Terry W. Hennigar, P.Eng.

I am pleased to submit this report on my activities as your newly appointed representative on the CCPE (Engineers Canada) Board of Directors. I offer my

sincere and hearty thanks to the previous Director, Mr. Bruce Wornell, P.Eng. for his long and dedicated service to Engineers Nova Scotia.

Engineers Canada is the national organization of the 12 provincial and territorial associations that regulate the practice of engineering in Canada and license more than 160,000 Professional Engineers. The roles of Engineers Canada include:

- serving the member associations by delivering national programs that ensure the highest standards of engineering education, professional qualifications and professional practice, and
- providing a national voice for the profession both in Canada and abroad, and
- promoting greater understanding of the nature, role and contribution of Professional Engineers to society, actively engaging the federal government and other national organizations, and
- providing member service programs at highly competitive rates

At the Annual Meeting in Winnipeg the new business name 'Engineers Canada' was launched along with a new logo for the Canadian Council of Professional Engineers. In addition Mr. Tony Dawe, P.Eng., of Newfoundland and Labrador was inducted as our new President. Mr. Richard Fletcher, P.Eng. of British Columbia was elected President-elect of Engineers Canada for this year.

I have begun representing you and the profession at meetings of the Board, the Awards Committee, and the Government Relations Committee. Meetings have included:

- One board meeting – Winnipeg, Manitoba in May (the Annual Meeting);
- A board workshop in Deer Lake, Newfoundland in June.
- Meetings of the Government Relations Committee, and the Award Committee by teleconference.

Engineers Canada is recognized by our Federal Government as a leader among professional organizations for our continued efforts to improve the integration of international engineering graduates into the Canadian workforce and for our efforts to initiate a national round table on infrastructure. Progress continues to be made on both, although not necessarily as quickly as we had hoped.

Engineers Canada continues its **Government Relations** activities, interfacing with the federal government in areas where public safety is a concern and where promotion of the engineering profession is beneficial. Our **"Bridging Government and Engineers"** program was expanded from the original 24 volunteers to 80. These engineers will meet with their MPs to engage them with issues Engineers Canada is advancing as important to Canada and to the engineering profession. This initiative is important in achieving our goals. The inaugural issue of **'Engineering on the Hill'** newsletter was published this summer. This newsletter reports on issues on Parliament Hill of interest to the engineering profession in Canada.

My predecessor, Bruce Wornell was chair of the **Research Committee** of Engineers Canada. This committee has reviewed the terms of reference for the committee with a view to improving effectiveness. The Research Committee is involved with periodic surveys of the engineering community and its education system as well as with the monitoring of emerging disciplines that may require licensed Professional Engineers.

I thank APENS (Engineers Nova Scotia) for appointing me as your Engineers Canada Director. I promise to do all that I can to represent the positions of Engineers Nova Scotia, and to act in the best interests of Professional Engineers across the country.

Respectfully Submitted,

Terry W. Hennigar, P.Eng.



# Director of Professional Practice Report

## Dermot Mulrooney, M.Eng., P.Eng.

The Professional Practice Division is responsible for the enforcement of the Nova Scotia Engineering Profession Act. The Division is continuously developing and streamlining its procedures for enforcement.

### 1.0 Complaints

The association processed twelve formal complaints against practitioners during the past year. Five of these complaints were dismissed by the Complaints Committee. Two were processed by Council and five were resolved by staff.

### 2.0 APENS Corporate Membership

The association regulates corporate bodies offering engineering services within Nova Scotia. The following is a summary of the Certificate of Compliance Holders (C of C Holders) and the Sole Practitioner Firms currently registered with us.

Company Category	Aug '06	Aug '07
Registered C of C Holders	396	424
Registered Sole Practitioner Firms	355	372
Pending Firms to be categorized	39	13
Total Companies under Regulation	790	809

### 3.0 CCPE (Engineers Canada) National Enforcement & Discipline Committee

The Division manages the list of engineers registered in another jurisdiction and living in Nova Scotia. We have been approached by three other regulatory associations to provide information on enforcement and compliance issues which will result in common national standards.

The following table indicates the current work being done by the Division regarding lists of engineers registered in one province but possibly working in another.

Engineers currently under review	471
Engineers who are members of APENS-to-date	-134
Engineers under the process of being contacted for confirmation of status in Nova Scotia.	337

### 4.0 Engineers Removed from the APENS Register

A special "signature" letter was developed and is proving to be very effective in confirming their status. Each year, stricken engineers are contacted and those engineers who wish to practice engineering in Nova Scotia are reinstating their membership with APENS.

### 5.0 APENS Student Membership

There have been new students joining the student membership of APENS throughout the year. The membership currently stands at 432. This will be reduced by the graduates in 2007 some of whom have joined the APENS engineer-in-training program. The new students entering their third year at The Faculty of Engineering at Dalhousie in September 2007 will be added to the current student membership.

The Division prepares the new student profiles for the APENS database and sends out a "welcome" letter from the Registrar to those new students.

### 6.0 APENS Committee Support

The Division continues to support the following APENS Committees:

#### APENS Complaints Committee

The Division will now be compiling the results of the Complaints Committee cases on a confidential national database. This will assist all associations in normalizing the penalties for various violations of the engineering acts across Canada.

#### APENS Awards Committee

The Awards Committee has provided recommendations to Council regarding award winners for 2007. These members will receive their awards at the Annual General Meeting.

#### APENS Environment Committee

The Committee continues to monitor Nova Scotia environmental matters.

#### APENS Act Enforcement Committee

This Committee continues to support staff's activities in Act Enforcement matters.

#### APENS Energy Committee

This Committee continues to track energy related issues in Nova Scotia.

#### Public Safety Committee

This Committee advised the association on Safety issues.

Dermot Mulrooney, M.Eng., P.Eng.  
Director of Professional Practice

**The APENS Professional Practice Report  
New Company Membership  
From July 31/06 – August 01/07**

Name	Company #	Status
ABLE Eng., Project Management & Design	33136	Sole Practitioner
Ackison Holdings Inc.	33052	Sole Practitioner
Alemdar Construction Managementt Services	33059	Sole Practitioner
All Cover Portable Systems Inc.	32862	C of C Holder
AMA Eng. Ltd.	33024	Sole Practitioner
AMEC Earth & Environmental (Dart)	32983	C of C Holder
Atkins Consulting Canada Inc.	33102	C of C Holder
Axiom inc.	33034	Sole Practitioner
Bacon Engineering Ltd.	33093	C of C Holder
Baker Engineering & Risk Consultants	32896	C of C Holder
Banerjee & Associates Ltd.	10980	C of C Holder
BCA Structural Consulting Services Inc.	31654	C of C Holder
Berrigan Surveys Limited	31475	Sole Practitioner
BGC Engineering Inc.	33122	C of C Holder
BPR Inc	36791	C of C Holder
Brenik Engineering Inc.	33075	C of C Holder
Breton, Banville & Assoc.	11140	C of C Holder
Broadleaf	33150	C of C Holder
Bronte Engineering	30894	Sole Practitioner
C. W. Blight Enterprise Inc.	33059	Sole Practitioner
CBMC Engineering Ltd.	32929	C of C Holder
Cimarron Engineering Limited	33071	C of C Holder
Software Consulting Inc.	33099	C of C Holder
Consolidated Fluid Power Ltd.	26800	Sole Practitioner
Crosbie Engineering Ltd.	32672	C of C Holder
Crosier Kilgour & Partners Ltd.	32977	C of C Holder
CWMM	32600	Sole Practitioner
Dartec Engineering Inc.	31784	Sole Practitioner
Déjà vu Lab & Test Equipment Inc.	33116	Sole Practitioner
Delcom Engineering Ltd.	32121	C of C Holder
Demaiter Engineering Inc.	33131	C of C Holder
Eng. Compliance Managem't - Atlantic	33023	Sole Practitioner
EnvironChem Engineering Consultants	33132	Sole Practitioner
Finelli Engineering Inc.	33114	C of C Holder
Fu Associates Ltd.	33080	C of C Holder
Garg Associates Ltd.	33076	Sole Practitioner
Gaz Metro	32542	C of C Holder

Gemtec Ltd.	32991	C of C Holder
GEOMAP Surveying & Engineering Inc.	33061	Sole Practitioner
Gérin-Lajoie Conseils Inc.	33038	C of C Holder
Glenn Adams, P.Eng.	33053	Sole Practitioner
Golder Associates Ltd. - Montreal Office	32963	C of C Holder
Golder Associates Ltd. (Kanata Branch)	32969	C of C Holder
Groupe Stavibel Inc.	33159	C of C Holder
H.H. Angus Ltd.	16240	C of C Holder
Halsall Associates Limited	31671	C of C Holder
Hatch Ltd. (Vancouver Office)	32700	C of C Holder
Hatch Mott MacDonald	33158	C of C Holder
Henderson Paddon & Assoc. Ltd.	33064	C of C Holder
High Performance Energy Systems, Inc.	31581	C of C Holder
I.B. Storey	33106	Sole Practitioner
Inspec-Sol	32912	C of C Holder
IRC Building Sciences Group Inc.	33077	C of C Holder
JB McDonald & Associates Ltd.	33098	C of C Holder
Jenike & Johanson	32993	C of C Holder
Joma Engineering	33091	C of C Holder
Karian Construction Inc.	30463	Sole Practitioner
Landmark Engineering	31626	Sole Practitioner
M. Savan Consultants Inc.	33086	C of C Holder
Mayberry Engineering Ltd.	14329	Sole Practitioner
Metro Electric	33082	Sole Practitioner
Millenium Int'l Eng. Inc.	33115	Sole Practitioner
Millennium Engineering Ltd.	32099	C of C Holder
Moffatt & Nichol	33134	C of C Holder
NHS Engineering	33133	Sole Practitioner
NORR Limited Architects & Engineers	32848	C of C Holder
Northumberland Engineering	33109	Sole Practitioner
OG Structure Systems Inc.	33033	Sole Practitioner
Omega Engineering Consulting Inc.	33151	Sole Practitioner
Omniweld Integrated Solutions	33111	C of C Holder
Parsons Engineering Consultants Ltd.	33011	C of C Holder
Pharmeng Technology Inc.	32996	C of C Holder
Progexor Inc.	33126	C of C Holder
Quark Eng. & Development Inc.	33103	C of C Holder
Quest Engineering Design Services	33003	Sole Practitioner
Red Cap Engineering	33022	Sole Practitioner
Remote Access Technology	33110	C of C Holder
René Larocque, P.Eng.	33146	Sole Practitioner



# Registration Report

## Sandra Oickle, Director of Registration

### Registrations

#### P. Eng.

Adams, A. Trevor  
Adams, Aaron P.  
Al-Qaderi, Hassan  
Arabi, Ali  
Arklie, Stephen D.  
Baker, Michael K.  
Beaton, Blake J.  
Belair, Mark P.  
Bell, Cory T.  
Bishop, Donald P.  
Blissett, Ashley A.  
Burke, Matthew J.  
Burton, Roger W.  
Cardenas, Gerardo  
Carroll, William P.  
Cave, Diane J.  
Chater, Fouad  
Chaulk, Michael P.  
Comeau, Roland  
Cormier, Randy T.  
Countway, Kevin  
Crocker, Will A.  
Curry, Trevor A.  
Dauphinee, Charles W.  
de Lamirande, Marc  
ehghan, Alireza  
Dickson, Craig L.  
Dingwell, R. Curtis  
Donahue, Laura K.  
Donahue, Peter J.  
Doucette, Duane F.  
Dove, Zita J.  
Downie, Mark E.  
Eisener, Shawn W.  
Elshurafa, Amro M.  
Fakhri, Ghada  
Farhat, Zoheir  
Fraser, Susan L.  
Gidney, Mark S.  
Giles, Stephen C.  
Gillis, Robert A.  
Goora, Claude C.  
Gray, Kevin G.  
Green, Allan C.  
Gregory, John P.  
Griffith, Martin J.  
Hage, Dany B.  
Haltom, Alessandro C.  
Harding, Jeffrey A.  
Hopkins, Jeffrey P.  
Hopkins, Michael T.  
Hussain, Yekthan  
Ingraham, Gerald S.  
Jenkins, Stacey L.  
Jiang, Xiaojing  
Kelly, Roderick J.  
Kerr, Kevin M.  
Lacroix, Patrice  
Langille, Jonathan L.  
Lavers, Matthew G.  
Levangie, Troy  
Locke, Stephen D.  
MacAulay, Christopher  
MacDonald, Brent A.  
MacDonald, Mark

MacDonald, Vaughn M.  
MacKay, Gregory W.  
MacKenzie, Ewan K.  
MacKenzie, Steven P.  
MacRae, Bradley V.  
Marsh, Darren W.  
Martell, Rigoberto  
Mohamed Abdallah,  
Elsadig  
Morrison, Michael W.  
Morrison, William H.  
Muise, Aaron M.  
Mulholland, Ryan A.  
Mullowney, Sean G.  
Munro, Scott M.  
Myers, Christopher P.  
Nahas, Norman M.  
Nauss, R. Todd  
Ni, Shaoyu  
Nickerson, Philip A.  
Oldford, Daniel G.  
Paske, Logan M.  
Peori, Satu J.  
Phillips, Krista E.  
Pulsifer, Bruce G.  
Puri, Raj Kumar  
Rees, Perry S.  
Reimer, Brian J.  
Rice, Raymond  
Rodgers, Warren A.  
Rogers, Angela D.  
Ryan, Grant T.  
Saberi-Clark, Mojdeh  
Samostie, Alan D.  
Sams, Aaron J.  
Scully-Poirier, Pamela  
Secord, Emily B.  
Sheppard, Mark D.  
Sidhom, Hany  
Skinner, Dawne M.  
Spencer, Kevin D.  
Stiles, Mark A.  
Sullivan, Philip  
Tariq, Muhammad  
Thalheimer, Andrew H.  
VanBerkel, Peter T.  
Veinotte, Andre T.  
Webster, James G.  
Whyte, Timothy B.  
Wight, Robert F.  
Williams, Joseph W.  
Williams, Valerie A.  
Yu, Bo

#### P. Eng. Reinstatements

Allan, Stephen W.  
Baker, Donald B.  
Barkhouse, Tyler J.  
Bennett, I. David  
Bennett, Peter R.  
Brown, Robert A.  
Caley, William F.  
Coonan, T. Nicholas M.  
Grieve, P. Edward  
Hicks, Christa D. R.

Jacobs, Pieter A.  
Lechman, Michel  
McCracken, Tony G.  
McDonald, Scott G.  
Reynolds, Patricia R.  
Zhou, Zhanchao

#### Engineer-in-Training

Acker, Stephen D. F.  
Archibald, Dustin E.  
Aucoin, Jason C.  
Awaad-Hussein, Omar  
Beck, James O.  
Bedard, Michael J.  
Bellefleur, Robert  
Belliveau, Anne-Marie  
Bishop, Geoffrey A.  
Boudreau, Chasta M.  
Brake, Joy C.  
Brooks, Su-Ling  
Burke, Jeffrey A.  
Caldwell, Aaron T.  
Caldwell, John D.  
Cameron, Andrew D.  
Campbell, Mark A.  
Campbell, Matthew R.  
Chapman, Mark W.  
Chisholm, Gregory L.  
Chung, Jade S.  
Connolly, Benjamin D.  
Covill, Alistair B.  
Craсто, Leonardo  
Creaser, Blair E.  
Da Silva, Dylan T.  
Dakowah, Emmanuel  
Daniels, Raymond N.  
Davis, Christopher E.  
Decoste, Luke A.  
DeMings, Dale G.  
Donahue, Natalie M.  
Donovan, Mary C.  
Doucet, Ghislain S.  
Elsankary, Kamal K.  
Flynn, Natasha A.  
Foster, Sarah K.  
Fougere, Neil T.  
Frangie, Roger Y.  
Gillis, Patricia L.  
Gonzalez, Carlos  
Gordon, Bradley C.  
Graham, A. Glenn  
Grant, Adam P. C.  
Hachey, Jeffrey N.  
Harding, Jeffrey A.  
Hatcher, Mark C.  
Hayes, Karen E.  
Himmelman, Matthew  
Hu, Kun (Kevin)  
Hue, Scott D.  
Hughes, Julie  
Itiveh, Richard O.  
Jensen, Christian E.  
Johnson, Suzy R. M.  
Jones, Jeremy D.  
Kerr, Greg A.  
Kerr, Shelley  
Knowles, Calvin M.

Langille, Catherine J.  
Langille, Jason E.  
LeLacheur, John T.  
Lillehovde, Stian  
Luedey, Darrell P.  
MacDonald, Steven P.  
MacDougall, Marc B.  
MacGillivray, Kenneth  
MacIntosh, Andrew J.  
MacLachlan, Michael A.  
MacNeil, Jeffrey V.  
Marchand, Christopher  
McDonald, Kate A.  
Melvin, Scott M.  
Menzies, W. Todd  
Mercer, Stephen A.  
Migas, Christos G.  
Mombourquette, Tara  
L.A.M.  
Mountain, Blair T.  
Murray, Blaine R.  
Nickerson, Kirby  
Niu, HongYe  
O'Hearn, Scott A.  
Oickle, Christian A. G.  
Paranjape, Atul S.  
Porter, Scott R.  
Powell, Robert L.  
Purdy, Bradley R.E.  
Richard, Jebb A.  
Rockwell, Matthew C.  
Saad, Mohamed  
Shehata, San George  
Shouman, Ahmed  
Simpson, J. Peter  
Singh, Jatin Paul  
Smith, Justin R.  
Soehl, Jon  
Stephens, Candace C.  
Stout, Lisa D.  
Strapps, Thomas E.  
Sutherland, Nancy S.  
Taylor G. Benjamin W.  
Thompson, Calvin N.  
Tosuner, Sevinc  
Trask, Benjamin H.  
Tuck, Brad A.  
Watters, Andrew D.  
Yuen, Brian K. C.  
Zhang, Ye

#### Engineer-in-Training Reinstatements

Abouchahine, Saad M.  
Gagnon, Michael P.  
MacKenzie, Steven P.  
Simpdon, Lisa  
White, Tyler

#### Licence to Practice

Albazi, Karam  
Aubuchon, Eric  
Bishara, Jack  
Bjork, H. Frederik B.  
Brockerville, David P.

Caverson, David L.  
Chauhan, Sher M.  
Chiasson, Martin  
Connolly, Daniel C.  
Croteau, Louis  
Davey, Shawn  
Davis, George A.  
Demaiter, Leon J.  
Dixon, Douglas G.  
Duong, Kevin T. D.  
Enman, Wade C.  
Fiset, Steeve  
Fu, Daniel K.  
Gauthier, Richard  
Gérin-Lajoie, Bernard  
Ghinani, Mahmood H.  
Ghirotto, Mario  
Gruber, Jan  
Guravich, Susan  
Ianniciello, Patrick P.  
Jodoin, Robert  
Jonus, Edward S.  
Kolberg, Mark O.  
LeBlanc, Marc  
Lelman, David J.  
Lenters, Mark S.  
Liu, Xueyi  
Marceau, Pascal  
March, James C.  
McDonald, Brian E.  
McManus, Steven E.  
Moore, David B.  
Niekamp, Leo A.  
Pare, Sebastian  
Parr, Sylvain  
Patrick, Guy C.  
Piecaitis, Linas J.  
Price, Dean E.  
Proper, Nathan J.  
Reyssset, Jean-Francois  
Richer, Helene S.  
Rioux, Raymond J.  
Romascanu, Anca  
Rotili, Remo  
Ruddick, Christopher  
Ryall, Brady S.  
Schnackel, Gregory R.  
Sexton, Jeffrey B.  
Shrimpton, Ian H.  
Sissakis, Kyriakos (Ken)  
Smith, Derek A. F.  
Smith, Gregory  
Stan, Codrut-Laurentiu  
Stiemer, Robert M.  
Storey, Ian  
Sullivan, William P.  
Tipler, David R.  
Vachon, Michel G.  
Webb, Gary L.  
Williams, Kevin R.  
Wintemute, Marie-Claude  
Wong, Samson W.  
Wu, Po-Hung P.  
Zandstra, Johannes B.  
Zitterer, Stephan J.  
Zoldy, Derek A.

**Licence to Practice Reinstatements**

Bailey, Charles M.  
Bartosh, Roger G.  
Bonnet, Jean - Luc  
Garg, Lokesh  
Gutierrez, Orlando N.  
Kooiman, Andrew H.  
Kulba, Peter J.  
Malo, Luc  
Saban, Moise  
Sathyamoorthy,  
Sandeep  
Unger, Simon S.  
Wong, Samson

**Retired Non-Practicing**

Caley, William F.  
Christie, Paul S.  
Darrow, Michael E.  
Gillespie, John  
Hicks, George C.  
Hiscott, Jim  
Ives, Kevin  
Jagosh, Jimmy A.  
Krauch, Tony  
Mackay, Thomas D.  
Matthews, James  
Merriam, Peter R.  
Patterson, Daniel  
Pearce, Norman W.  
Penwell, John C.  
Pineo, John E.

**Life Membership**

Sarty, Conrad K.

**Honorary Life**

Mulrooney, Dermot L.  
Russell, Leslie T.  
Wornell, E. Bruce

**Stricken Members****P.Eng.**

Banks, Kenneth A.  
Bent, Henry E.  
Brennan, Sean T.  
Brodie, Douglas N.  
Charpentier, Alain R.  
Clark, Jody P.  
David, Charles D.  
Duncan, Alan B.  
Hidber, Gina M.  
MacMillan, Byron D.  
Michaud, Michael G.  
Song, Jiaquan (Steve)  
Thorbourne, James W.  
Wheeler, Robert A.  
White, Jonathan C.

**Engineer-in-Training**

Ally-Mekawi, Walid  
Chiasson, Mark J.  
El-Kilany, Khaled A.  
Guler, Burak  
Mamchur, Jocelyn S.  
Morrison, Kyla  
Patton, Andrew S.  
Pollock, Jonathan J.

**Engineers-in-Training Removed from Register for Non-compliance to the Mentorship Program**

Gobeil, Jean-Philippe  
MacVicar, David I.  
Marshall, Catherine

**Licence to Practice**

Ball, Stephen D.  
Bilyk, Bernard T.  
Boyle, Brian E.  
Duncan, Andrew W.  
Granosik, Tadeusz  
Genest, Helene  
Gutierrez, Orlando N.  
Hardie, Andrew P.  
Larocque, Martin  
Leipciger, Nathan L.  
Lim, Poh C.  
Nowodworski, Henry  
O'Connor, Michael J.  
Potter, David A.  
Reysset, Jean-Francois  
Codrut-Laurentiu Stan  
Wyczolkowski, Adam

**Resignations****P. Eng.**

Ackison, Edward  
Akhtar, Javed  
Bartlett, R. Gary  
Blakeney, Jack  
Buhr, Brian K.  
Burke, Robert G.  
Burrell, Jeffrey  
Cai, Eugene  
Campbell, Lorna  
Cao, Yanyan  
Chisholm, Beth M.  
Clarke, John D.  
Dann, Dennis L.  
Dutton, Robert J.  
Ellaschuk, Bernard M.  
Fares, Alphonso  
Fletcher, David J.  
Franklin, Wayne R.  
Freeman, Roger R.  
Gerrits, Douglas J.

Geyer, André K.  
Gillis, John H.  
Glennie, Janet D.  
Gossen, Karl H.  
Gover, Paul F.  
Hall, Matthew C.  
Harrington, Jennifer S.  
Hogan, Jennifer  
Janes, H. Brent  
Kilfoil, Stephanie A.  
Konesky, Michael  
Legge, William  
MacDonald, Darcy A.  
MacDonald, Donald T.  
MacLeod, Heather A.  
MacNaughton, Alan W.  
Mang, Clint M.  
McBurney, R. Grant  
McCormack, Timothy  
McCrea, James H.  
Medwell, Christopher  
Michaud, Joseph Eric  
Morehouse, Donald W.  
Mullen, Yvette  
Neary, Scott D.  
Nie, Hong  
Oliver, P. Gregory  
Osborne, Timothy  
Park, Christopher  
Polak, Michael F.  
Qiang, Lu  
Rideout, Aaron  
Roach, Christopher M.  
Smallwood, Thane S.  
Smedmor, Shawn D.  
Smith, Lauchlin G.  
Snook, Curt S.  
Sosale, Guru  
Strolz, Gerhard  
Tkalec, Peter  
Tuchendler, Marek  
Wall, Richard A.  
Wang, Silong  
Xu, Qian  
Yazdanmehr, Saeid  
Zhao, Zhanchao  
Zhou, Xiaoying  
(Maggie)

**Engineer-in-Training**

Aydinalph-Koksal,  
Merih  
Babineau, Francis  
Balshaw, Christopher  
Dawson, Cara  
Donaldson, Marc  
Jaggi, Reety  
Koksal, Murat  
MacAulay, Daniel N.  
MacDonald, Kari  
Martin, W. Craig  
Moarbes, Antoine  
Nair, Sreejit S.  
Riley, Mark J.  
Swinson, Craig

**Licence to Practice**

Agbayani, Nestor A.  
Aldworth, George  
Al-Saad, Ahmad  
Angeli, Alcibiade  
Banerjee, Amarendra  
Beaulieu, Christine  
Béland, Sylvain  
Bellefleur, Richard  
Bishara, Jack  
Boudreau, Michel D.  
Brownrigg, David  
Charron, Stéphane  
Cloutier, Maxime  
Cooper, Charles F.  
DeMerchant, Daryl P.  
Dunlop, Ian B. M.  
Eter, Riad  
Fields, Kelvin L.  
Fournier, Bernard J.  
Frost, Duane D.  
Gerke, Nicholas K.  
Jones, Russell L.  
Kozak, Ronald W.  
Lachance, Jacques  
Lawrence, Brad  
Leduc, Gilbert  
MacKay, Donald S.  
McIlveen, C. Bruce  
Meyer, James E.  
Nicholson, Arnold G.  
O'Kranczy, Michael  
Oickle, Scott M.  
Papini, Mario  
Paquette, Luc  
Philippe, Daniel  
Rostern, Peter  
Sathyamoorthy, andeep  
Schenke, Wolfgang  
Schoolcraft, Jeffery  
Scrimger, Duncan  
Seal, Richard  
Skelton, Christopher J.  
Summers, David W.  
Tewsley, John t.  
Thomas, Neil E.  
Thorburn, Raymond S.  
Tremblay, Michelyn  
Triebe, Robert W.  
Watson, Dennis P.  
White, Benjamin G.  
Wojtaszek, Jerzy  
Czeslaw  
Zaimi, Bahram

**Deceased Members**

Belshaw, Frank  
Benjamin, Frederick R.  
Bezanson, Gordon P.  
Boyd, Colin Francis  
Charles, Donald H.  
Condon, Craig S.  
Dicks, John B.  
Emmerson, Robert A.  
Gow, Gordon  
Gramlewicz, Stephen  
Hamm, Beverley J.  
Harrington, A. Russell  
Johns, Arthur B.  
LeBlanc, Cecil J.  
MacDonald, Frank J.  
Oakley, James P.  
O'Toole, John L.  
Sobey, Newton L.  
Thompson, Peter  
Wood, Frank N.

**APENS Membership - July 31, 1996 - July 31, 2007**

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Full Membership	3213	3210	3172	3127	3137	3101	3112	3090	3082	2996	3027	3064
Engineer-in-Training	454	419	402	442	389	382	371	396	407	398	392	401
License to Practice	262	289	356	386	404	384	410	430	415	469	504	524
Life	257	260	270	285	283	297	299	368	398	595	608	621
Retired, Non-Practicing	114	126	125	92	110	116	124	136	127	95	100	96
Honorary Life	22	24	27	26	29	32	38	38	39	36	35	36
Non-Active	---	---	---	---	118	111	106	55	47	0	0	0
Examination Candidates	---	---	---	---	17	18	15	23	33	28	26	20
<b>Total</b>	---	---	---	---	---	---	<b>4535</b>	<b>4535</b>	<b>4548</b>	<b>4617</b>	<b>4692</b>	<b>4762</b>
Stricken Members	---	---	---	---	---	---	61	35	51	45	46	44
Adjusted Members	---	---	---	---	---	---	<b>4414</b>	<b>4500</b>	<b>4497</b>	<b>4572</b>	<b>4646</b>	<b>4718</b>
Student Members	---	---	---	---	---	<b>135</b>	<b>171</b>	<b>277</b>	<b>388</b>	<b>260</b>	<b>269</b>	<b>184</b>

## Committee Reports

### Act Enforcement Committee

The terms of reference of the Act Enforcement Committee make the committee responsible to advise Council on the profession's governance matters and the enforcement of the Engineering Profession Act.

Matters reviewed by the committee during 2006/2007 included:

- proposed revisions to the act and by-laws related to the discipline process;
- proposed revisions to the National Code of Ethics;
- the lack of a limitation period for professional engineers and their work in Nova Scotia (Limitations of Action Act);
- the concept of limited licences in the Association; and
- Full Mobility of Professional Engineers in Canada.

The Committee continues to strongly support mandatory continuing professional development and awaits a second membership vote on the matter.

The committee membership included:

Brian Travis, P.Eng., Chair  
 Tarun Biju, P.Eng.  
 Don Cameron, P.Eng.  
 Alireza Dehghan, P.Eng.  
 Jeffrey Feigin, P.Eng.  
 Charles Lloyd, P.Eng.  
 Alan Macdonald, P.Eng.  
 Tom Prescott, P.Eng.  
 Mina George, P.Eng.  
 John Siggers, CET  
 Karl Tonn, P.Eng.  
 Brian Wolfe, P.Eng.

Support Staff:

Dermot Mulrooney, P.Eng.,  
 Director of Professional Practice  
 Patricia J. Hanson, Enforcement/Compliance Officer

**Brian Travis, P.Eng., Chair**

### Annual General Meeting Committee

The 85th Annual General Meeting and Engineering Conference was held at the Westin Nova Scotian Hotel in Halifax on Thursday September 28th and Friday September 29th, 2006.

Two Technical Sessions were held on the Thursday followed by a dinner that evening for representatives of the other provincial and territorial engineering regulatory associations. The Annual Business Meeting was held on Friday morning, followed by the Engineering Awards Luncheon at noon. A Partner's Program occurred throughout the day on Friday.

The day was concluded with the Gold Medal Award Dinner on Friday evening where the APENS Gold Medal was presented to Dan O'Halloran, P.Eng. The guest speaker at the dinner was John Brannan, P.Eng. with EnCana Corp. A dance concluded the evening with the music of "The Aviators".

The 86th Annual Conference is planned for The Old Orchard Inn in Wolfville on September 20th and 21st, 2007. The agenda is as follows:

Thursday, September 20, 2007:

10:00 a.m. Technical Sessions start in the Blomidon Room

There will be three sessions offered this year. A light lunch will be served at noon for those attending.

Friday, September 21th, 2007:

9:00 a.m. Annual Business Meeting  
12:30 p.m. Engineering Awards Luncheon  
6:00 p.m. President's Reception  
7:00 p.m. Gold Medal Award Dinner  
9:00 p.m. Dance to the Aviators

Committee Members for the 86th AGM:

Len White, P.Eng.  
Skit Ferguson, P.Eng.  
Dermot Mulrooney, P.Eng.  
Brian Bohaker, P.Eng., Chair

**Brian Bohaker, P.Eng., Chair**

## Awards Committee

The mandate of the Awards Committee is to oversee the Award nomination process and make recommendations for Council's consideration.

Engineers Nova Scotia has the following engineering awards:

- the Lieutenant Governor's Award for Excellence-in-Engineering;
- the F.H. Sexton Gold Medal;
- the Engineering Award;
- the J.D. Fraser Service Award;
- the Young Engineer Award;
- the Citizenship Award; and,
- the Honorary Life Membership

The 2006/2007 award winners are:

- CBCL – the Lieutenant Governor's Award;
- Dr. John Brown – the F.H. Sexton Gold Medal;
- Marcel Deveau – the Engineering Award;
- Tarun Biju, P.Eng. – Citizenship Award;
- John Eisnor & Christine Bonnell-Eisnor – the J.D. Fraser Service Award;
- Robbie Fraser - the Young Engineer Award;
- Terry Hennigar, John Hugh MacDonald and Dexter Kaulbach – the Honorary Life Award.

It has been a pleasure serving as Chair of the Awards Committee and I want to recognize the work of the committee members who are:

Jamie Hannam, P.Eng., Chair  
Graham Gagnon, P.Eng.  
Kulvinder Dhillon, P.Eng.  
Jon Noble, P.Eng., Past Chair  
Colleen Rollings, P.Eng.

Support Staff:

Dermot Mulrooney, P.Eng.,  
Director of Professional Practice  
Patricia J. Hanson, Enforcement/Compliance Officer

**Jamie Hannam, P.Eng., Chair**

## Board of Examiners

### Board Policy Issues

This past year, the Board of Examiners provided feedback to Engineers Canada on topics that included the Assessment of Engineering Work Experience Guide, a Mutual Recognition Agreement with Engineers Australia, the Agreement with the Commission Des Titres D'Ingénieur (CTI) of France, and the Electrical Engineering, Structural and Building Engineering Examination Syllabi.

The Board also worked on the Canadian Experience Requirement for Internationally Educated Engineering Graduates (IEEGs). IEEGs must meet the Canadian experience requirement in order to be registered as Professional Engineers. The goal of the Board is to better define the necessary elements of practice in a Canadian environment to assist IEEGs in fulfilling the experience requirement. This work is expected to be completed in the upcoming year.

### Registration Activity

The following registration activities have been completed since the last Annual General Meeting:

Engineers-in-Training Registrations	149
Board of Examiners Assessments	20
Full Members Registrations	176
Licence to Practice Registrations	94
Member Resignations	138
Members Stricken/Removed	44

### Mentorship Program Sub-Committee

Engineers-in-Training (EITs) are monitored to ensure compliance with the EIT / Mentor program. Notification of noncompliance is sent on a monthly schedule to all Engineers-in-Training who are behind schedule.

Under the APENS Guide for the Engineer-in-Training Mentor Program, Section 5.3 *Non-Compliance of EIT's to the Mentor Program*, only two Engineers-in-Training were removed from the register for Non-Compliance this year.

### Examinations

One hundred and seven candidates wrote the National Professional Practice Exam since the last Annual General Meeting with a success rate of 96 percent.

Six exam candidates wrote twelve National Technical Exams during the year with a success rate of 92 percent.

**Janice Harland, P.Eng., Chair**

## Complaints Committee

The Complaints Committee is responsible to determine if complaints against engineering practitioners should be dismissed or referred to Council for a hearing.

There were a total of 12 official complaints received by staff during the business year 2006/07. Of these, five were dismissed by the Complaints Committee and five were resolved after some discussion to the satisfaction of all parties. The two final complaints were processed by Council through the approval of agreed to statements of facts and agreed to penalties.

The membership of the Complaints Committee included:

Dexter Kaulbach, P.Eng., Chair  
Dan O'Halloran, P.Eng.  
Tom Prescott, P.Eng.  
James Scriven, P.Eng.  
Bruce Wornell, P.Eng.

Support Staff:

Len White, MBA, CGA, P.Eng., Executive Director  
Dermot Mulrooney, P.Eng.,  
Director of Professional Practice  
Patricia J. Hanson, Enforcement/Compliance Officer

***Dexter Kaulbach, P.Eng., Chair***

## Energy Committee

The mandate of the Energy Committee is to advise Council on energy related issues in Nova Scotia.

The Committee reviewed various initiatives taking place in the province related to energy and to accomplish that, the Committee hosted guest speakers including: Kenneth Reardon of NSP Inc.; Stephen King of HRM; and Colleen Rollings of Heritage Gas.

The membership of the committee included:

Vivek Tomar, P.Eng., Chair  
Robert Creighton, P.Eng.  
Alireza Dehghan, P.Eng.  
Kevin Colvey, P.Eng.  
Louis Dionne, P.Eng.  
Fred Farmer, P.Eng.  
Rick Grant, P.Eng.  
Aaron Long  
David Lawrence, P.Eng.  
Roger LeBlanc, P.Eng.  
Valerie Williams, P.Eng.  
John Reynolds, P.Eng.

Support Staff:

Dermot Mulrooney, P.Eng.,  
Director of Professional Practice  
Patricia J. Hanson, Enforcement/Compliance Officer

***Vivek Tomar, P.Eng., Chair***

## Environment Committee

The mandate of the Environment Committee is to advise Council on matters related to the Nova Scotia environment.

The Committee reviewed, among other matters, the following:

- Provincial Government Bill #146, "*Environmental Goals and Sustainable Prosperity Act*";
- "*The Nova Scotia Environment and Labour Business Plan 2007-2008*".

The Committee organized presentations by:

- Anne Warburton – "*Woody Biomass Resources*";
- Ted Tam – "*The Halifax Harbour Solutions Project*"; and
- Michael N. Langman – "*Bio Solids Management*"

The committee membership included:

Chris Feetham, P.Eng., Chair  
Dr. Michelle Adams, P.Eng.  
Dr. Paul Arnold, P.Eng.  
Einar Christensen, P.Eng., Vice-Chair  
Alireza Dehghan, P.Eng.  
David Ellis, P.Eng.  
Mivoslav Macalik, P.Eng.  
Lillian McEachern, Engineer-in-Training  
Melissa MacIntyre, P.Eng.  
William Marshall, Engineer-in-Training  
Tim Murphy, P.Eng.  
Dawne Skinner, P.Eng.

Staff Support:

Dermot Mulrooney, P.Eng.,  
Director of Professional Practice  
Patricia J. Hanson, Enforcement/Compliance Officer

***Chris Feetham, P.Eng., Chair***

## Finance Committee

The Finance Committee met on a monthly basis throughout the fiscal year August 1, 2006 to July 31, 2007. The committee reviewed each month, and approved, the cheques issued, the investment portfolio and the financial statements as prepared by APENS staff. A summary was prepared for consideration by Council at each of their regular meetings.

The 2006-2007 budget was prepared based on past experience and projected requirements for the next operating year. APENS operates an annual budget of just over one million dollars. APENS finances for this year are in good condition, with a minor deficit of less than 2%, after depreciation. This follows several years of minor surpluses over the past few years. Current projections indicate that the Association's finances should remain good over the next few years.

The finances of your Association have been very well managed by APENS staff. Our Director of Finance, Virginia MacQuarrie has ensured that the best interests of APENS have been looked after in all financial matters. The committee thanks Virginia and Executive Director Len White for their dedication in providing the information which we needed to perform our function.

I wish to thank all the members of the committee. Their dedication throughout the year has enabled us to fulfil our mandate on behalf of the membership of APENS.

#### Committee Members:

Steve March, P. Eng – Chair  
 Leo Brooks, M. Eng, P. Eng  
 Bill Gates, P. Eng  
 Colin Dickson, P. Eng  
 Bill O'Halloran, P. Eng  
 Dale Robertson, P. Eng  
 Marshall Giles, P. Eng  
 Charles Cooke, P. Eng  
 Murray Doehler, P. Eng  
 Ian Dempsey, P. Eng  
 Paul Currie, P. Eng

#### APENS Staff:

Len White, P. Eng, Exec Dir  
 Virginia MacQuarrie, Dir of Finance

**S.W. (Steve) March, P. Eng, Chair**

- Provincial Popsicle Stick Bridge Junior High School Challenge – March 3, 2007
- Public Information Display at the MicMac Mall – March 3, 2007
- Camp 7 Iron Ring Ceremony – March 5, 2007
- Student / Professional Networking Luncheon – March 7, 2007
- Junior High Egg Drop Competitions – Various dates and locations

The 2007 National Engineering Week Committee consisted of:

John Eisnor, P. Eng., Chair  
 Christine Bonnell-Eisnor, P. Eng.  
 Virginia MacQuarrie, APENS Staff  
 Christine Laroque, APENS Staff  
 Emeka Oguejiofor, Ph. D., P. Eng.  
 Leigh Day, Dalhousie University Faculty of Engineering  
 Bertha Lewis, Dalhousie University Faculty of Engineering  
 Christopher Davis, Dalhousie Engineering Undergraduate Society, President  
 Robin Homans, EIT  
 Paula Cook, EIT  
 Andrew Noble, EIT  
 Mark Zwicker, SuperNova  
 Mae Seto, P. Eng.  
 Dennis Pellichero, P. Eng.

## National Engineering Week 2007

The objectives of National Engineering Week outlined by Engineers Canada are:

- To celebrate Canada's rich engineering heritage,
- To promote engineering as a career choice, and
- To remind Canadians of the role engineering plays in their daily lives.

The National Engineering Week Committee is confident that these goals were achieved in 2007.

The following events took place during National Engineering Week 2007:

- Colchester Zone Presentation and Luncheon – February 19, 2007
- Girl Guides Engineering Quest – February 23 to 25, 2007
- The "Gear Head" One Tenth Marathon – February 27, 2007
- Acadia University Engineering Students' banquet – March 1, 2007
- Antigonish/Guysborough Zone Curling Bonspiel – March 2, 2007
- Provincial Cardboard Boat High School Challenge – March 2, 2007

In conclusion National Engineering Week 2007 was a great success. Planning for 2008 will be commencing in the fall.

**John D. Eisnor, P. Eng., Chair**

## Public Safety Committee

"engineer" .. means a person who is registered as a member or licensed to practice under the *Engineering Profession Act* ( of Nova Scotia ) and is competent to do the work being performed.

This definition, while familiar to Engineers Nova Scotia Members, is actually taken from the Occupational Safety General Regulations, Nova Scotia. We have been identified, by legislation, as a Professional group with particular responsibilities.

In response to this direct challenge, your association has formed a Safety Committee with the mandate to advise Council on matters related to occupational and public safety issues.

The Safety Committee is a standing committee of the Association. The committee reports to the Executive Director and is supported by staff from the Professional Practice Division. The Safety Committee advises the Executive Director on public safety issues in Nova Scotia related to the application of engineering and the work of engineers.

Periodically the Executive Director will request that that Safety Committee under take a study of a public interest safety matter where the expertise of professional engineers in Nova Scotia is an integral component of the issue. The Committee members themselves can also bring public safety issues to the attention of the Committee Chair for inclusion on committee meeting agendas.

The members of the Committee are appointed each year by the Executive Director. The chairperson's position is normally for one year and the out going chair usually serves one year as past chairperson.

The Committee met five times during the last business year. One of our early initiatives was to meet with the Department of Environment and Labour to let them know that we recognize our responsibility and are willing to participate with them in the development of policy.

The Committee met with the following officials, specifically: Jim LeBlanc, Director of the Occupational Health & Safety Division of the N.S. Department of Environment and Labour; and, David Wigmore of the same department discussing the Government's intention to present a comprehensive Public Safety Act for Nova Scotia.

The membership of the committee included:

Joe Landry, P.Eng., Chair  
Dennis Fowler, P.Eng.  
Conrad LeLievre, P.Eng., Past-Chair  
Alana MacLellan-Bonnell, P.Eng.  
Andrew Polegato, P.Eng.  
Frank Robinson, P.Eng.  
Laurie Tufts, P.Eng.

Support Staff:

Dermot Mulrooney, P.Eng.,  
Director of Professional Practice  
Patricia J. Hanson, Enforcement/Compliance Officer

**Joe Landry, P.Eng., Chair**

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## Student Affairs Committee

The APENS Student Affairs Committee's (SAC) core function is to promote the engineering profession and APENS to students at all levels. SAC is pleased to report that it successfully met the committee's mandate by raising the awareness level of the engineering profession to students throughout the province.

At each monthly meeting, SAC reviews student funding and support requests. This year SAC provided funding and support in excess of \$8,000 for various student activities, organizations, events, competitions and conferences.

SAC continued its involvement with regional junior/senior high school science fairs throughout the province. This year SAC awarded seven "Best Engineering Content" awards. As well, many members of APENS

volunteered to judge this award. We were pleased to sponsor and provide judges for the Canada Wide Science Fair 2007 held in Truro in May 12 to 20, 2007. This was a great event involving over 500 young scientists from across the country.

Some members of SAC took an active role on the National Engineering Week Committee. We built on the success of last year's events and had an increase in student involvement. We held the second annual Professional/Student Networking Luncheon at Sexton Campus of Dalhousie University. This event had a good representation of professionals and an increased turnout of students. As an added bonus, Premier Rodney MacDonald stopped by to speak and mingle with those in attendance.

As well, we continued with the Mic Mac Mall Public Information Session and Display with an increased number of displays. We wanted to have something for students of all ages and we succeeded due to participation from the Girl Guides, the Popsicle Stick Bridge Junior High Challenge and through the excellent job by SuperNOVA facilitating hands on activities for the students. Children of all ages from preschool to university level enjoyed the events and the information panels.

The Egg Drop Competitions for grade 9 occurred in three zones this year, Halifax Regional Municipality, Colchester and Antigonish/Guysborough with over 1700 students taking part. This fun event introduces the students to engineering by challenging them to design a device to protect an egg. Not only do the students have fun but they also learn about engineering, giving them more information to help them make important future decisions about career choices. The professional engineers and students who volunteer for these events come from a wide variety of backgrounds, which further enlightens the students on the impact engineers have on our daily life.

This year I am pleased to report that we have increased participation on the committee from the various Associated Universities (AU) representatives. Currently we have representation from St. Francis Xavier University, Acadia University, Dalhousie University and Cape Breton University. Ideally we would like to have representation from all AUs. We are now sending our meeting minutes to all the AUs. As well, we are trying to increase communication with the engineering students at the AUs by sending copies of the Engineer to the Engineering Departments and inviting them to join APENS student membership.

As with previous years, SAC received ongoing requests for speakers from Girl Guides, Females in Engineering (mentoring) speakers, and elementary, junior and senior high schools to discuss science and engineering. Volunteers enjoy talking to the students and answering their questions.

Another important responsibility of SAC is administering the APENS Student Awards and Scholarships. We

are always reviewing these awards to remain current and improve the procedures. Details about these awards are available on the APENS website.

In October, the SAC hosted its annual Awards Reception at the APENS office to recognize the 2006 winners of the APENS Student Awards and Scholarships. SAC committee members and other distinguished guests enjoyed meeting these talented future engineers and recognizing their achievements.

This spring SAC extended the invitation for participation with its APENS Grade 11 Prize. In 2006, this award was just offered to all Halifax Regional Municipality High Schools, including private schools. We are pleased to report that over 70 high schools throughout Nova Scotia (including private schools) were contacted to participate, which makes this award province wide. As of mid August, there were 27 schools that chose to participate. The APENS Grade 11 Prize is awarded annually to the student with the best combined math and science marks in Grade 11. Permanent commemorative plaques hang in all participating schools and each winning student received a memento. This prize compliments the other awards given out throughout the year to high school and university students.

The following is a summary of the other APENS Student Awards and Scholarships awarded during the 2006-2007 academic year:

**1. APENS Entrance Scholarships:**  
*awarded September 2006*

Associated University	Recipient
Acadia University	Carmen McKnight
Cape Breton University	Allison Mackie
Dalhousie University	Patrick Sweet
NS Agricultural College	Mila MacLean
Saint Mary's University	Kyle Warren
St. Francis Xavier University	David Hoffman

**2. APENS Associated University Awards:**  
*awarded February 2007*

Associated University	Recipient
Acadia University	Jean-Francois Pelletier
Cape Breton University	Justin Lewis
Dalhousie University	Scott Kember
NS Agricultural College	Joshua Keel
Saint Mary's University	Ruth Domaratzki
St. Francis Xavier University	Scott Flindall
University of PEI	Chris Mantha

**3. APENS Associated University Prize:**  
*awarded March 2007*

The APENS 2007 AU Prize recipient is Scott Kember, a student of Dalhousie University who plans to third year in the Chemical Engineering program in September 2007.

**4. APENS Senior Project Award Winners:**  
*awarded May 2007*

STUDENT	DEPARTMENT	PROJECT TITLE
Andrew MacIntosh	Biological	Design of an Apparatus to test Handholds on Corrugated Cardboard boxes
Shawn Rowe Janice Wilson	Environmental	Lunenburg County Community Recycling Center Biosolid and Septage Project
Matt Parliament Paul Mulrooney Rachel Fisher	Chemical	Production of Ethylene and Propylene from Natural Gas
Tyler Chapman	Civil	Design of a Steel Bridge for the 2007 AISC Student Competition
David Boulding Ross MacDonald	Electrical	Efficient Implementation of the Finite Difference Time Domain Method in Hardware
Matthew Campbell Chris Houghton Jointly won with Andrea Cameron Sean Sangster	Industrial	Using Linear Programming in Lung Cancer Treatment Planning at QEII Planning for Space Reductions at the IWK OR
Andrew Rockwell David Pottle Brian Murphy Kyle Ryan	Mechanical	Coolant Delivery System for Creep-Feed Grinding
Kurtis Langille Ryan Fitzgerald	Mineral Resource	Miller's Creek Expansion Project, Fundy Gypsum Company, Windsor, NS
Kendall Dunnett	Materials	Manufacture of MgAl <sub>2</sub> O <sub>4</sub> Ceramics

**5. APENS Convocation Award:** *awarded May 2007*

The 2007 APENS Convocation Award winner is Julie Grant who received a B.Eng. Industrial Engineering at Dalhousie's May convocation.

**6. Marc Garneau, P.Eng. Scholarships:**  
*selected November 2006*

Two scholarships were awarded; one to Sean Sangster, a student in the Industrial Engineering program and a second to Daniel Pollock a Mechanical Engineering student.

## 7. Winners of 2006 Sons and Daughters Scholarships:

Stacia Baldwin, daughter of John Baldwin, P.Eng.  
 Angela Boutilier, daughter of Stephen Boutilier, P.Eng.  
 Victor Chabot, son of Dan Chabot, P.Eng.  
 Michael Crowell, son of Bradley Crowell, P.Eng.  
 Travis Esau, son of Carl Esau, P.Eng.  
 Kyle Gillis, son of Edward Gillis, P.Eng.  
 Annie Oldford, daughter of Paul Oldford, P.Eng.  
 Alexander Palmeter, son of Maureen Palmeter, P.Eng.  
 and Aubrey Palmeter, P.Eng.  
 Logan Smith, son of Brent Smith, P.Eng.  
 Corey Stewart, son of J. Aubrey Stewart, P.Eng.  
 Philippe Thibodeau, son of Victor Thibodeau, P.Eng.  
 Alexandra Wade, daughter of Peter Wade, P.Eng.  
 Patrick Webster, son of Trent Webster, P.Eng.

Committee members for the 2006-2007 year were:

Christine Bonnell-Eisnor, P.Eng.  
 Denise Trim, P.Eng.  
 Leah Donovan P.Eng.  
 Paul Arnold, Ph.D., P.Eng.  
 Emeka Oguejiofor, Ph.D. P.Eng.  
 Vidya Limaye, Ph.D., P.Eng.  
 John Eisnor, P.Eng.  
 Aven Cole, P.Eng.  
 Craig Lake, Ph.D., P.Eng.  
 Bill Bailey, P. Eng.  
 Chris Davis, EIT  
 Ian Aldous  
 Scott Wetton  
 Jacqueline Poushay  
 Leigh Day  
 Virginia MacQuarrie  
 Christine Larocque

I would like to thank the members of SAC, volunteers and APENS staff, Virginia MacQuarrie and Christine Larocque, for their hard work and support this year.

## Colchester Zone Report

Some Colchester Zone Engineers continued to be active in attending zone events, but we are hoping more interest can be generated. It is only the enthusiasm of members who attend that make the events a success. Zone events provide an opportunity for members to meet and get to know each other in a social environment. Over the past year, members have enjoyed the following events:

### Christmas Luncheon (December 8, 2006)

Approximately 30 engineers (including guests) gathered at the Glengarry Best Western Restaurant for a Christmas Dinner, socializing, and a "State of the Union Address" from the APENS President (Mr. David Lea, P.Eng.). Each year the brief remarks from the new Executive allow members who may not regularly attend APENS meetings in Halifax to catch up on some of the important work being done by their Association.

This year we again had a fund-raising draw, which netted \$ 160.00 in support of the local Colchester Community Workshops Foundation, with the Glengarry donating the prize.

### Curling Bonspiel (February 17, 2007)

An evening of curling at the Truro Curling Club was organized and revamped from last year to a full day event (9:00 a.m. to 4:00 p.m.), with teams invited from the Community, but then cancelled due to lack of participation. Due to the consistent lack of interest, with this year being the second year in a row of cancellation, it is not likely to be organized for next year.

### Engineering Week Presentation (February 19, 2007)

A presentation on Climate Change in Nova Scotia was presented at a luncheon at the Best Western Glengarry, in association with the Truro Rotary Club and saw an excellent turnout again this year. The presenter (Mr. Chris Feetham, MBA, P.Eng., of Environment Canada) covered the climate change basics; the definition of climate change, the likely impacts, the role for mitigation, and requirements for adaptation.

### Engineering Week - Grade 9 Design Competition (February 26 - March 2, 2007)

More than 500 Grade 9 Students from four (4) of the six (6) Junior High Schools in Colchester County participated in the engineering week design competition. Ten (10) engineers, plus science teachers and principals from the various schools and Parent Volunteers were involved in the event. The student teams designed and built a number of interesting apparatuses (parachutes, padded boxes, wood support structures, sacrificial eggs, etc.) to protect an egg dropped from 10-ft. Everyone involved enjoyed the event and look forward to participating again next year.

Engineering Week - NSAC Engineering Student Address (March 2, 2007)

I personally addressed the Engineering students at the Nova Scotia Agricultural College (NSAC) on Friday, March 2, 2007. The address was attended by all NSAC Engineering students, professors, and the current NSAC President. The talk focused on the Engineering profession, the role of APENS within Engineering and society, as well as potential career opportunities and possible shortfalls for students following graduation. A personal / professional profile of myself was completed by the Public Relations department following the address and has been published within their alumni publications. The presentation generated a great deal of interest from the NSAC students and faculty and they look forward to future presentations and addresses.

Participation in the annual Colchester Zone Events is your opportunity to meet and socialize with other engineers in the Community. Look for information on these events in "the Engineer", on the APENS web page, and also in the form of notices to the Zone Members. If you have any suggestions for future events, or modifications to improve existing events, please do not hesitate to contact APENS or your local Zone Representative. Your participation in the events offered makes the organizing effort worthwhile.

Regards,  
Oliver Browning

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# The Association of Professional Engineers of Nova Scotia

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## 2007 Annual Report

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