# EngineersPEI



Lieutenant Governor Antoinette Perry presenting Maritime Electric Co. Ltd. with the Lieutenant Governor's Award for Engineering Achievement



**Future City Competition Participants** 



Executive Director Jim Landrigan, P.Eng., with some of the winners from the 2018 Provincial Science Fair



Charlottetown Airport Runway Rehabilitation Project

Professional Engineers in order that the public interest may be served and protected.



Engineers PEI Annual 2018
General Meeting
Annual Report

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## **Council 2017-2018**



Joshua Collins, P.Eng.
PRESIDENT



Geoff Connolly, Q.C., P.Eng.
VICE PRESIDENT



Jason Lindsay, P.Eng.
PAST PRESIDENT



Jim Landrigan, P.Eng.

EXECUTIVE DIRECTOR



Heather MacLeod, FEC, P.Eng.

2ND YEAR COUNCILLOR



Wendy Weeks, P.Eng.

1ST YEAR COUNCILLOR



Dr. Nick Krouglicof, FEC, P.Eng.

UPEI FACULTY OF SUSTAINABLE

DESIGN ENGINEERING LIAISON



Justin Dunn, FEC, P.Eng.

May 2017 - Present

ENGINEERS CANADA DIRECTOR

### **Minutes of the 2017 Annual Meeting**

The 2017 Annual Meeting of the Association of Professional Engineers of the Province of Prince Edward Island was held at the Rodd Charlottetown Hotel in Charlottetown, PEI, on Friday, November 24, 2017. There were 30 members and guests in attendance.

#### **Special Guests from Out of Province:**

Katherine MacLeod, FEC, P.Eng., President, Engineers Nova Scotia Len White, FEC, P.Eng., CEO & Registrar, Engineers Nova Scotia Jeff Underhill, P.Eng., Vice President, APEGNB Andrew McLeod, FEC (Hon), CEO, APEGNB Bob Dony, P.Eng., President, Professional Engineers Ontario

#### 2016-2017 Council:

Jason Lindsay, P.Eng., President
David Taylor, P.Eng., Past President
Mark MacDonald, P.Eng., 2<sup>nd</sup> Year Councillor (not present)
Brian Smyth, P.Eng., 1<sup>st</sup> Year Councillor
Nicholas Krouglicof, FEC, P.Eng, UPEI SSDE Liaison

Joshua Collins, P.Eng., Vice President Geoff Connolly, Q.C., P.Eng., 2<sup>nd</sup> Year Councillor Heather MacLeod, FEC, P.Eng., 1<sup>st</sup> Year Councillor Justin Dunn, FEC, P.Eng., Engineers Canada Director Jim Landrigan, P.Eng., Executive Director

#### **Members and EITs:**

Jake Bartlett, FEC, P.Eng. Mark Bowness, P.Eng. Howard Coles, FRAIC, P.Eng. Al Conant, P.Eng. Bill Courtney, FEC, P.Eng. Bill Drost, FEC, P.Eng. Don Gillis, FEC, P.Eng. Graeme Linkletter, FEC, P.Eng. Don MacEwen, FEC, P.Eng. Richard MacEwen, FEC, P.Eng. Gerald Morneau, P.Eng. Frank Parslow, FEC, P.Eng. Tanya Pater, EIT Mark Victor, FEC, P.Eng. Wendy Weeks, P.Eng.

#### 1.0 Call to Order and Welcome

President Jason Lindsay, P.Eng., called the meeting to order at 2:00 pm by welcoming everyone to the 2017 Annual Meeting. He introduced the Council members and extended a warm welcome to the special guests from other engineering associations.

Jason acknowledged the sponsors of the Annual Meeting and thanked them for making the AGM events possible: TD Meloche Monnex, The Great West Life Assurance Company, Manulife Financial, CBCL Limited, Atlantech Canada Ltd., Dr. Amy Hsiao, P.Eng., Dr. Nicholas Krouglicof, FEC, P.Eng., Harbourside Engineering Consultants, Maritime Electric Co. Ltd., MCA Consultants Inc. and Linkletter Engineering Inc.

#### 1.1 Changes to the Agenda

Jason noted that since the Agenda is set out in the By-Laws, no formal approval of the Agenda is required. There were no additions from the floor.

#### 2.0 Minutes of the 2016 Annual Meeting:

Jason asked if there were any errors in or omissions from the minutes of the 2016 Annual Meeting. No errors or omissions were noted. He called for the approval of the minutes.

It was moved by Bill Courtney, FEC, P.Eng., and seconded by Richard MacEwen, FEC, P.Eng., that the minutes be approved as presented. Motion carried.

#### 3.0 Business Arising from Minutes

There was no business arising from the minutes.

Vice President Joshua Collins, P.Eng., took over as chair while President Jason Lindsay, P.Eng., presented his report.

#### 4.0 President's Report

President Jason Lindsay, P.Eng., noted that he was honored to have served as President of Engineers PEI over the past year.

He noted that this was an exciting year for engineering in Prince Edward Island, with the UPEI School of Sustainable Design Engineering graduating its first class. He noted that Engineers PEI continues to be a strong supporter of engineering at UPEI and that UPEI SSDE is well represented on Engineers PEI Council.

Jason noted that this year saw the creation of the first Iron Ring Camp and the granting of the first Iron Rings in PEI. He noted that this would not have been possible without the hard work of Don MacEwen, FEC, P.Eng.

He reported that advocacy continues to be a top priority. Jason noted that the Province-wide adoption of the National Building Code is a huge milestone for engineering and PEI as a whole. He noted that the important work of its implementation is well underway. He noted that PEI is the only remaining province without limited liability legislation. He noted that we have continued to lobby for the eventual adoption of a provincial ultimate limitation period. He noted that this advocacy priority will be highlighted at the MLA Reception, taking place next week.

Jason noted that mobility and national collaboration continue to be core objectives of Engineers PEI. He noted that this is evidenced by Engineers PEI piloting the new competency based assessment program for EITs.

It was moved by Richard MacEwen, FEC, P.Eng that the President's report be received. Report received.

President Jason Lindsay, P.Eng., resumed chairing the meeting.

#### 5.0 Executive Director's Report

Executive Director Jim Landrigan, P.Eng., noted that Engineers PEI is participating in a pilot project with Engineers and Geoscientists of BC (EGBC) and Engineers Canada to review the use of the EGBC tool for competency based assessment. He noted that six EITs from Engineers PEI are participating in this project, as well as members of the Engineering Qualifications Committee. Jim reported that he hopes to have all new EIT and P.Eng. applicants moved over to this new system within the next six months.

Jim noted that he took part in a number of Engineers Canada meetings throughout the year. He noted that he attended four Chief Executive Officers Group (CEO Group) meetings. He noted that the group discussed coordination of the work plans for the National Officials Groups and the CEQB, accreditation system improvements. They also requested research and benchmarking on best practices of other similar national organizations with respect to board size and governance models.

He reported that he participated in two CEAB Policies and Procedures Committee meetings as one of two regular observers, and provided feedback to the National Admissions Officials and CEO groups.

Jim noted that we received funding from the Province, Foreign Qualification Recognition (FQR) Office, to support the adoption of two programs from the Immigrant Services Association of Nova Scotia. He noted that we are working with the PEI Association for Newcomers to Canada and the Province of Prince Edward Island to implement these programs in early 2018.

The first program is an online course that provides flexible pre-employment and language training for immigrants. He noted that the topics are Communication Skills for Engineers Modules one to three. Jim noted that the second program is the Engineering Work-based Competency Assessment Program, which offers foreign trained applicants a twelve week opportunity to demonstrate their engineering competencies and identify skill gaps with a PEI engineering employer, an opportunity to explore how the profession is practiced in Canada and a chance to submit their work experience record to Engineers PEI Engineering Qualifications Committee. He noted that this experience may be considered toward the one-year Canadian experience requirement.

Jim reported that Engineers PEI signed an agreement with Notarius to enable members to practice electronically, while ensuring that recipients of documents produced by members can be certain of the identity of the signer and that the signer was a member of Engineers PEI with the corresponding right to practice when the document was signed.

He noted that the first Iron Ring Ceremony for PEI took place in August at the UPEI School of Sustainable Design Engineering. He noted that Engineers PEI sponsored the reception for the Iron Ring recipients and their guests. He noted that eight students and several engineers received their Iron Rings, including former Executive Director, Frank Parslow, FEC, P.Eng.

Jim noted that one of Engineers PEI members and volunteer, Libby Osgood, P.Eng., was awarded the Canadian Progress Club Women of Excellence Award in the category of "Education and Research". He noted that the award honors inspirational women who play important roles in the community.

It was moved by Mark Bowness, P.Eng., that the Executive Director's Report be received. Report received.

#### 6.0 Registrar's Report

Executive Director Jim Landrigan, P.Eng., referred to his written Registrar's Report. He noted that it has been a fairly busy year. He noted that there was an increase in LTP applications. Jim noted that some of the increase is due to the Joint Application that we have with Engineers Nova Scotia, Engineers Yukon and EGBC.

It was moved by Howard Coles, M.R.A.I.C., P.Eng., that the Registrar's Report be received. Report received.

#### 7.0 Treasurer's Report

The audited financial statements dated October 31, 2017 were presented by Treasurer Jim Landrigan, P.Eng.

Jim reported that there was an increase in revenue, due in part to the increase in Licence to Practise applications.

He noted that the costs and revenue for the Mentorship Program is included in the financial statements. Jim noted that part of the surplus, in the amount of \$2000.00, was added to the Engineers PEI Endowment Fund at UPEI.

Jim reported that the travelling budget was over, due to several projects throughout the year that we participate in that helped us carry out the Competency Based Assessment Project, among other initiatives with Engineers Canada.

It was moved by Graham Linkletter, FEC, P.Eng., that the Treasurer's Report be received. Report received.

#### 8.0 Engineers Canada Director's Report

Engineers Canada Director Justin Dunn, FEC, P.Eng. noted that his detailed report can be found in the Annual Report.

Justin noted that he became Engineers Canada Director in May of this year.

Justin noted that, in terms of Governance, Engineers Canada has launched the Governance, Strategic Planning, and Consultation Project, which includes updates to the governance model of Engineers Canada, a sustainable development process to plan and issue strategic direction, and an effective process for ongoing regulator consultation. He noted that Engineers Canada has been meeting and working with the 12 provincial and territorial regulators on how Engineers Canada can best serve them and the engineering profession.

In terms of accreditation, Justin noted that one of Engineers Canada's core functions is the accreditation of undergraduate engineering programs in Canada, through the Canadian Engineering Accreditation Board. He noted that this fosters continuing improvement in engineering education and promotes the mobility of graduates. Engineers Canada remains committed to ensure that accreditation meets the needs of regulators, engineering education programs, and students.

Justin noted that, while Engineers Canada continues to advance the day-to-day process of accreditation of engineering education programs, Engineers Canada has launched two initiatives that will help improve the accreditation process. The AU Task Force is a group established by the Accreditation Board to examine how the current curriculum measurement methodology can be adapted effectively as educational approaches evolve. Justin noted that this task force includes representation from a host of key stakeholders. He noted that this group has established an aggressive work plan to tackle this critical issue.

In addition, Justin reported that Engineers Canada staff has launched the Accreditation Improvement Program, focused on the operational improvements to accreditation through sourcing and implementation of an accreditation technology system, consultation and communication with stakeholders, enhancing training, and enhancing continual improvement processes that can adapt to changes in criteria or other shifts in the landscape of accreditation. Justin noted that, taken together, these two ambitious projects have the potential to streamline and improve the accreditation of engineering programs in Canada, while providing an adaptable framework for change that can keep pace with future educational developments.

Justin noted that part of the strategic focus that is being developed by Engineers Canada, is how it can best support the provincial and territorial regulators. He noted that a key area where Engineers Canada has been facilitating this, is in the piloting of Engineers and Geoscientists of British Columbia's Competency Based Assessment Project. He noted that Engineers PEI is the first regulator to successfully licence an applicant under this new system.

It was moved by Geoff Connolly, Q.C., P.Eng., that the Engineers Canada Director's Report be received. Report received.

#### 9.0 Committee Reports

Since the Annual Report had been posted on the Engineers PEI website prior to the meeting, the reports presented by committee chairpersons were brief. All of the reports were approved by a single motion following the presentation.

#### 9.1 Act Enforcement

Jim Landrigan reported on behalf of Kerry Taylor, FEC, P.Eng., Chair of the Act Enforcement Committee.

He noted that there were five issues at the beginning of this year that were resolved. He noted that there have been no new issues.

Jim reported that he represented the committee on the National Discipline and Enforcement Officials meeting in Halifax in June. He noted that the key topics at the meeting included updates from all associations, life membership and non-practicing status and how to control that. He reported that there was a Qualifications Board White Paper on Software Engineering.

Jim noted that there has been a lot of discussion on mandatory ethics training in continuing professional development. He noted that there will likely be more activity on this next year.

#### 9.2 Act Review Committee

Justin noted that the Committee's mandate is to review the Engineering Profession Act and to revise it to meet today's challenges and business needs, and to anticipate tomorrow's opportunities.

Justin noted that the last set of revisions to the Act occurred in 2009.

Justin reported that the committee is comprised of a talented cross section of Engineers PEI Members. He noted that the committee met throughout the year to review, enhance and add, where required, to the Engineering Profession Act. He noted that Evelyn Spence from Engineers Canada has been an instrumental part of the Act Review Committee.

He noted that the committee completed two separate comprehensive reviews of the Act over the past year. Justin noted that the committee is also reviewing the Bylaws to ensure that it works with the Act.

He noted that the Act review process has been proven to be a significant amount of work. The committee, however, hopes to have all documentation ready for a review of the Membership and the members of the Legislative Council in the spring of 2018.

In closing, Justin thanked the committee members for their hard work throughout the past year.

#### 9.3 Advocacy Committee

Committee Chair, Geoff Connolly, Q.C., P.Eng. reported the primary focus over the past year was dealing with a limitation of liability act for PEI. Geoff noted that he has had several meetings with provincial government solicitors to see if this can be pushed along. He noted that, since this has been slow going, Engineers PEI will, instead, amend the Engineering Profession Act to add an ultimate limitation period. He noted that it will be based on the New Brunswick Act. He noted that counsel at the Corporations Department is working on the draft bill. He noted that it should make the next session of the House. Geoff reported that the Minister of the Department of Transportation needs to sponsor the bill before it goes to the House.

Geoff reported that this issue was brought up last year at the AGM. He noted that the limitation period in PEI begins to run when the error or omission is discovered, then the period is six years. He noted that it could go on indefinitely. Once adopted the new limitation period will expire in the earlier of, six years from discovery, or fifteen years.

Geoff noted that another issue that has been worked on is administrative monetary penalty. Currently, according to our Act, if you do something wrong, you are charged, go to court and, if convicted, pay a fine. He noted that our last issue with this saw Engineers PEI pay close to \$10,000. He noted that the person pled guilty, was fined \$1000. He noted that with the administrative monetary penalty, a committee and Chair will be able to send a notice and impose a monetary penalty to the offending person and, only if the offending person disagrees, can they appeal it and go to court.

Bill Drost thanked Geoff for his work on these issues.

Bill noted that, it seems, building inspectors, provincial officials, and municipal officials sometimes have little recognition and/or misinterpretation of the Engineering Act, compared to their acknowledgement of the Architects Act. He noted that, while he is not in favour of the Architects approach of writing somewhat threatening letters, at the same time,

when we see the overzealous enforcement of the Architects Act, sometimes to the detriment of the engineering profession and the disregard of the Engineering Profession Act, there is a role that Engineers PEI needs to play to get in front of this issue, especially when the National Building Code is adopted and implemented island-wide.

Bill noted that developers, building owners, municipal and provincial officials need to have an understanding of what their obligations are with respect to the Engineering Profession Act.

Geoff agreed and noted that, once the National Building Code is adopted, we will likely see that.

#### 9.4 Annual General Meeting Committee

Chair Jason Lindsay, P.Eng., thanked Committee members David Taylor, Joshua Collins, Jim Landrigan, Joanne Landrigan, and Kim Levesque.

Jason noted that the technical presentations took place this morning. He thanked the presenters for providing interesting presentations. Jason noted that the Singing Strings will be providing musical entertainment at the Awards Banquet this evening.

#### 9.5 Social Committee

Chair Jason Lindsay, P.Eng., presented the annual report of the Social Committee.

Jason noted that the Committee organized four main events in 2016 – 2017, including curling, the annual Engineers PEI vs. UPEI Engineering Students hockey game, the Annual Lobster Supper, which always draws a big crowd, and the Annual Golf Tournament.

He noted that all the events were very well attended.

#### 9.6 Awards Committee

Joshua noted that the Long Service Awards were handed out during the Engineers Luncheon. He noted that the list of names can be found in the report on page 26.

Joshua noted that four awards will be presented at the Awards Banquet this evening. He noted that the Engineers PEI Award for Excellence will be presented to Don MacEwen, FEC, P.Eng. The Ralph L. Woodside Memorial Award for Service to the Profession will be presented to Don McGinn, P.Eng.

He noted that Baird Judson, P.Eng. and Graeme Linkletter, FEC, P.Eng. will be receiving Honorary Life Membership.

Joshua noted that the Lieutenant Governor's Award for Engineering Achievement will be awarded to Maritime Electric Co. Ltd. for their PEI-UNB Interconnection Upgrade Project. He noted this award will be presented at a special ceremony held at Fanningbank during National Engineering Month (March 2018).

Joshua thanked the Committee members for their contributions over the past year.

#### 9.7 Student Outreach Committee

Chair Joshua Collins, P.Eng., noted that this past January, Engineers PEI partnered with Engineers Canada and held the first Future City Competition. He noted that eight teams (approximately seventy students) from grades 6 – 8, competed in the competition, showcasing their future cities that aimed to address the topic "The Power of Public Space". He noted that the winning team was from Grace Christian School, and went on to complete in the national competition in Washington, D.C.

He noted that the competition topic for 2018 is "The Age-Friendly City". There are students from ten schools across PEI participating this year. He noted that many volunteers are needed to make this a success and encouraged members to sign up.

Joshua reported that the Engineers PEI Robotics Club is currently in its fifth year. The club allows children aged 9 – 14 to learn about robotics, the engineering design process, problem solving and teamwork through various hands-on challenges. He thanked mentors David Nicholson, EIT and Steven Buss, EIT as well as the faculty and staff at UPEI's School of Sustainable Design Engineering.

This year marked the  $22^{nd}$  anniversary of the Bridge Building Competition. Over 170 students participated in the competition, held at the Charlottetown Mall on March  $10^{th}$ .

The UPEI Engineering Design Expo and Awards Ceremony took place on April 21<sup>st</sup>. He noted that Engineers EI presents a \$1000 award to the winning design team that best exemplifies innovation, excellence, and professionalism in a client-oriented community-based design project. This year's winning team consisted of Jesse Cameron, Javon Mayhew, Robert Smith and Christian Wiedemer.

In closing, Joshua thanked Committee members for their commitment and hard work over the past year.

#### 9.8 Construction & Consulting Committee

President Jason Lindsay, P.Eng. noted that Mark could not be with us today and referred the Membership to his written report, found on page 27 of the Annual Report.

#### 9.9 EIT Committee & Experience Review Board

Chair Mark Victor, FEC, P.Eng. reported that the EIT Committee conducts EIT Information Sessions, as needed, each year, to outline the requirements of the EIT program for new EITs. Ron LeBlanc was an active member of the EIT Committee and Experience Review Board for a number of years, but has recently moved to Newfoundland.

Mark noted that he, Darrell Fisher and Mike McKenna review logbooks of EITs, to provide feedback to ensure that the EIT is demonstrating relevant, progressive experience and that the submissions are formatted in a manner consistent with the EIT Guideline recommendations.

#### 9.10 Engineering Qualifications Committee

Jim Landrigan, P.Eng., reported on behalf of Chair Nazmi Lawen, FEC, P.Eng. The committee issued twenty-two reports to foreign-trained applicants, assigning exams. He noted that this was a large increase over previous years.

He reported that the first applicant to complete the Competency Based Assessment process was approved in September. He noted that the project is running a bit slower than expected, but hopes that the new system will be fully implemented in PEI in the next six to eight months.

#### 9.11 Environment Committee

Chair David Taylor, P.Eng. referred the membership to his written report. The committee met a number of times throughout the year, to discuss environmental issues and opportunities to integrate environmental awareness and sustainability into Engineers PEI.

Engineers PEI participated in Engineers Canada's national forum Environmental and Sustainability Officials Group meeting on June 10<sup>th</sup>. He noted that this provides an opportunity to share information and best practices with our sister associations.

#### 9.12 Nominating Committee

Chair David Taylor, P.Eng. presented the nominations for the 2017 – 2018 Council and thanked the nominees for putting their names forward.

David reported that the Nominating Committee received several nominations for awards, which Joshua mentioned in the Awards Committee report.

In closing, David thanked the committee members and Kim for organizing meetings.

#### 9.13 Professional Development & Continuing Education Committee

Chair Heather MacLeod, FEC, P.Eng., directed the membership to his written report.

She reported that there were a number of presentations and tours held throughout the year. She noted that a number of interesting lunch sessions and tours are being planned for next year.

#### 9.14 Women in Engineering Committee

Committee member Joshua Collins, P.Eng., reported on behalf of Chair Amy Hsiao, P.Eng. Joshua reported that the committee has been very active this year. He reported that the committee held a movie night, attending the movie "Hidden Figures" at the Cineplex in Charlottetown. He noted that 37 Engineers PEI members and their friends and family took part in this event.

Joshua noted that the 4<sup>th</sup> Annual Girls Get WISE Science Retreat took place in April at UPEI.

The committee held a number of luncheons throughout the year. Joshua noted that one of the most recent ones was for six grade 11 and 12 girls participating in UPEI SSDE's ProGRES (Promoting Girls in Research in Engineering and Sustainability.

Joshua reported that Go Eng Girl Day, created by the Ontario Network of Women in Engineering (ONWiE) was held for the first time at UPEI's School of Sustainable Design Engineering. He noted that this event is an exciting opportunity for girls in grades 7 to 10 and one parent/guardian to visit their local university campus and learn from female professionals, academics and students about the wonderful world of engineering.

Joshua reported that the committee has proposed a 2018 budget that will focus on the Engineers Canada 30 by 30 Initiative.

It was moved by Bill Courtney, FEC, P.Eng. that the Committee Reports be received. Reports received.

#### 10.0 Ratification of Actions of Council

It was moved by Wendy Weeks, P.Eng., and seconded by Bill Drost, FEC, P.Eng., that the annual meeting ratify the actions of Council during the past year. Motion carried.

#### 11.0 Scrutineers Report

Executive Director Jim Landrigan, P.Eng. handed the sealed envelope containing the Scrutineer's Report to President Jason Lindsay, P.Eng. The President then read the results of the election vote. One hundred and twenty ballots were cast, which was 39% of eligible voters. There were no spoiled ballots.

The results were as follows:

President: Joshua Collins, P.Eng. Vice President: Geoff Connolly, Q.C., P.Eng. Councillor: Ben Babaii, PhD, P.Eng. Councillor: Wendy Weeks, P.Eng.

#### 12.0 Disposal of Scrutineers Report

It was moved by Mark Bowness, P.Eng., and seconded by Bill Courtney, FEC, P.Eng., that the report be destroyed. Motion carried.

#### 13.0 Installation of New Officers

The two new elected Councillors were invited to sit at the head table.

#### 13.1 Incoming President's Remarks

Incoming President Joshua Collins, P.Eng., welcomed and thanked those in attendance. He noted it is an honour to serve as the next President of Engineers PEI and that he is excited for what the new year will bring for Engineers PEI. He noted that, this past spring, the Building Codes Act was passed in the Legislature, which brings the province-wide adoption of the National Building Code closer to becoming reality.

He reported that Engineers PEI is in the final stages of the Act review. He noted that this review began a few years ago and the committee members have been working hard on this review. Joshua noted that Engineers PEI continues to be a strong advocate of the Engineers Canada 30 by 30 initiative. He noted that throughout the year, Engineers PEI will be supporting a number of activities for this goal.

In closing, Joshua noted that he looks forward to the coming year as President and working with the members of Engineers PEI to strengthen the association and promote the engineering profession.

#### 14.0 Election of the 2017-2018 Nominating Committee

A call was made for two members to join the Past President in forming the 2017-2018 Nominating Committee.

It was moved by Bill Drost, FEC, P.Eng., and seconded by Don MacEwen, FEC, P.Eng. that Bill Courtney, FEC, P.Eng. and Richard MacEwen, FEC, P.Eng., be approved as members of the 2017 -2018 Nominating Committee. Motion carried.

#### 15.0 Proposed Budget for 2017 – 2018

Incoming President Joshua Collins, P.Eng. presented the proposed budget for 2017 - 2018.

He noted that there has been an increase in the budget for outreach to support 30 by 30, as well as an increase in the website budget in order to provide a refresh to the website.

Richard MacEwen asked about the mentorship expense. Jim noted that the mentorship expense was offset by a grant that was received from the Province. He noted that this grant was given so that we could purchase software from ISANS (Immigrant Settlement Association of Nova Scotia). He noted that the program should be able to be run without extra costs to the association. Jim noted that more information can be found in his written Executive Director's report.

It was moved by Mark Bowness, P.Eng. and seconded by Bill Courtney, FEC, P.Eng. that the proposed budget be approved. Motion carried.

#### 16.0 Appointment of Auditor

It was moved by Richard MacEwen, FEC, P.Eng., and seconded by Mark Bowness, P.Eng., that Carl Herring, C.A. be appointed as the Association's auditor for the upcoming year. Motion carried.

#### 17.0 New Business

No new business was introduced.

#### 18.0 Closing

There being no further business, President Jason Lindsay, P.Eng. announced the closing of the meeting at 3:57 pm.

#### 19.0 Greetings from Out-of-Province Guests:

At various times throughout the meeting, President Jason Lindsay, P.Eng., invited the Presidents of the Associations, or their representatives, to offer a few words of greetings.

#### 19.1 Greetings from APEGNB

Vice President Jeff Underhill, P.Eng. brought greetings on behalf of the 5700 members of APEGNB. Jeff noted that at the upcoming annual meeting in February, APEGNB will be unveiling their Member Portal, which will be an online system for their members to record their professional development which, as of June 1<sup>st</sup>, will become mandatory.

Jeff reported that, three years ago, APEGNB Council created two new committees, the Diversity and Inclusion Committee and the Public Interest Action Committee. He noted that these two committees are doing a great job of promoting the engineering profession in New Brunswick. He noted that the Diversity and Inclusion Committee has agreements in place to help fund an outreach coordinator at Université de Moncton and UNB. He noted that these coordinators are doing an amazing job of helping reach young people interested in the profession.

#### 19.2 Greetings from Engineers Nova Scotia

President Katherine MacLeod, FEC, P.Eng., thanked Engineers PEI for the opportunity to bring greetings on behalf of Engineers Nova Scotia's almost 7000 members. Katherine noted that Engineers Nova Scotia's goals for the coming year include continuing the 30 by 30 goal, outreach, and mobility.

She noted that Engineers Nova Scotia continues to work on outreach. She noted that Outreach Officer, Rosalie Hanlon, travels across the province to visit high schools. Recently, Katherine noted, the Nova Scotia Government introduced their Access to Regulated Professions Act. She noted that Engineers Nova Scotia's licensing practices were audited to confirm that they were in line with what the province expects.

#### 19.3 Greetings from PEO

President Bob Dony brought greetings on behalf of PEO Council and its 85,000 members. Bob reported that PEO recently passed term limits so that volunteers can serve on Council for up to six years and serve as President once. He noted that PEO recently endorsed 30 by 30. He noted that, while OSPE (Ontario Society of Professional Engineers) is the champion of 30 by 30 in Ontario, PEO has a role to play as the regulator of the profession in Ontario.

He noted that there have been a few changes to their Act, as the result of the Elliot Lake Inquiry, that are currently making their way through the Legislature. He noted that the main change is that it is going to allow PEO to implement mandatory CPD, gives them the ability for more transparency in their membership database and their disciplinary proceedings.



# Joshua Collins, P.Eng. **President**

It has been my great honour to work on your behalf as President of Engineers PEI. Service to the profession has been a highlight of my professional career and I am so very thankful for the opportunity.

During my tenure as President I was fortunate to attend numerous

events on behalf of the association. Early in my term I had the privilege of speaking at the 5th annual MLA reception. During my address, I highlighted 2 very important topics affecting our association: the proposed amendments to the *Engineering Profession Act* and the importance of an ultimate limitation period to the practice of engineering. Council and staff are dedicated to ensuring that these two initiatives remain at the forefront of our dealings with the government.

This past Spring I had the honour of presenting the Lieutenant Governor's Award for Engineering Achievement to Maritime Electric for the PEI - NB Interconnection Upgrade Project, a truly remarkable engineering project.

Over the past 18 months Engineers Canada has been an organization in transformation. In the fall of 2017 a nation-wide collaboration initiative was commenced. Council and staff participated extensively during this consultation phase. This culminated in the creation of a three year strategic plan for Engineers Canada that I was pleased to approve at the Engineers Canada Annual Meeting of Members in Saskatoon, SK.

Engineers PEI continues to advocate for the increased representation of women within the engineering profession. Our association is committed to the Engineers Canada 30 By 30 initiative, which has a goal of increasing the newly licensed engineers who are women to 30 percent by the year 2030. In order to achieve this goal we need to enhance the visibility of the profession to our youth. We have sponsored a number of events with this goal in mind, including the Future City Competition, the annual Bridge Building Competition, UPEI's Faculty of Sustainable Design Engineering's (FSDE) Promoting Girls in Research in Engineering and Sustainability (ProGRES), and Go ENG Girl Day. The other facet of the gender disparity in our profession has to do with retention of female engineers. To this end, Engineers PEI and the WIE Committee have held numerous social events aiming to connect members of our profession. This fall Engineers PEI co-sponsored a workshop on "Creating a Gender Inclusive Workplace" held at UPEI. This event was well attended by our members, government officials and students of the FSDE.

# President's Report

Looking across Canada there are two distinct issues currently facing our profession. In Alberta, the P.Tech designation is jointly regulated by APEGA and the Association of Science and Engineering Technology Professionals of Alberta (ASET). During a recent review of the Engineering and Geoscience Professions Act by APEGA, ASET proposed 3 changes to the Act, including eliminating APEGA's involvement in the regulation of P.Tech.'s; expansion of the scope of practice for P.Tech.'s; and the intention to introduce a new, independent scope of practice for Certified Engineering Technologists (C.E.T.s).

Moving further west the BC government has recently tabled new legislation that will impact how the engineering profession is regulated. The new *Professional Governance Act* seeks to restructure government oversight of a handful of professional regulators by creating an Office of the Superintendent of Professional Governance which will set out the requirements governance standards. Engineers PEI council and staff will continue to monitor these developments and will work with our constituent associations as needed.

In closing I wish to acknowledge the numerous individuals who are responsible for Engineers PEI's continued success. Specifically, I'd like to thank our two staff members, Jim Landrigan and Kim Levesque. We are Canada's smallest province, and likewise we have a relatively small engineering association. Be that as it may, we, as a self-regulating body are tasked with achieving the same standards as an association with a staff of 100. As many of you know, you can't thank Jim, without mentioning the countless hours that Joanne, Jims better half, volunteers with Engineers PEI. I want to thank the members of Council for their dedication over this past year and Justin Dunn for his exemplary service as PEI's Engineers Canada Director. Lastly, I'd like to acknowledge the numerous committee members and other volunteers who graciously give back to the association year after year. Thank you!

Respectfully submitted by,

Joshua Collins, P.Eng. President



# Executive Director's Report

Jim Landrigan, P.Eng.

Executive Director

This has been another active year for Engineers PEI. There was a large growth in Engineer in Training applications and continuing growth in the number of applications from internationally educated engineering graduates.

#### **Competency-based Assessment**

In April a new tool that enables engineering regulators in Canada to use EGBC's competency-based assessment for the evaluation of engineering experience for professional registration was launched. Engineers PEI is an active participant in the project and in November two of our P.Eng. applicants completed the process and their competencies were assessed by the Engineering Qualifications Committee and approved by council. There are 17 Engineers-intraining in PEI using this system.

The Competence Assessment System is intended to preserve the valued reputation, responsibility, and professional-ism of the P.Eng. designation. The Competency Framework, Indicators, and Competency Self-Assessment form were designed in order to ensure that Engineers PEI requirements uphold and protect the public interest while maintaining an equitable, transparent, consistent and efficient registration process. The Competency Framework comprises the required proficiencies to enter the engineering profession and provides clear guidance on the path to registration for applicants.

The seven Competency Categories that applicants must demonstrate in order to achieve professional registration are:

- 1. TECHNICAL COMPETENCE
- 2. COMMUNICATION
- 3. PROJECT & FINANCIAL MANAGEMENT
- 4. TEAM EFFECTIVENESS
- 5. PROFESSIONAL ACCOUNTABILITY
- 6. SOCIAL, ECONOMIC, ENVIRONMENTAL & SUSTAINABILITY
- 7. PERSONAL CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

We expect to move over to the new system for all new EIT and P.Eng. applicants in the coming months as the next stage of the software development is completed.

#### **CEO Group**

During the year, I attended four meetings of the Chief Executive Officers Group (CEO Group). During the year I was selected to be the Vice Chair on the Group. The points of discussion during our most recent CEO Group meeting included: BC Professional Reliance Review, Engineers Canada 2019 Budget and Engineers Canada Affinity Program update.

This year I participated in the CEAB Policies and Procedures Committee meetings as one of two regulator observers. I attended two meetings this year and provided feedback to the National Admissions Officials and CEO groups.

I also attended meetings of the Canadian Engineering Qualifications Board, the National Admissions Officials Group, 30 by 30 Champions and the National Practice Officials Group. These important meetings allow us to look for and consider opportunities to learn from other associations.

#### **Admissions Process**

The validation of academic documents for 30 applicants was completed by World Education Services (WES). This improved our efficiency and enabled us to complete their academic review as noted in the report for the Engineering Qualifications Committee.

I believe that our association and members play an important role in keeping Islanders safe. This is the responsibility and privilege that we share, and I believe that we are well positioned to fulfill our duty. As a professional community, we take pride in maintaining our high standards and upholding the public interest in all that we do.

I wish to thank Kim Levesque, President Joshua Collins, Council Members and our volunteers for their support during the year; it was a pleasure to work with you.

Also, I would like to thank my wife Joanne for her continued assistance as she was again a key supporter for myself and Engineers PEI and contributed to the success of many of our outreach and social events held this year.

Respectfully submitted by,

Jim Landrigan, P.Eng., M.B.A. Executive Director



Engineers PEI awards scholarships annually to children of Members, who are studying engineering. We are pleased to announce this year's recipients:

- Kyle Peters (son of Wayne Peters, P.Eng. and Glenda MacKinnon-Peters, FEC, P.Eng.)
- Benoit Sampson (son of Ken Sampson, FEC, P.Eng.)
- Jordan Sampson (son of Ken Sampson, FEC, P.Eng.)
- Jillian Smyth (daughter of Brian Smyth, P.Eng.)
- Josh Tweel (son of Sheldon Tweel, P.Eng.)
- Logan Van Hul (son of Luc Van Hul, FEC, P.Eng.)

## **Registrar's Report**

Jim Landrigan, P.Eng. **Registrar** 

During the 2017-2018 year, Council approved 164 applications:

- 5 Members (transferring in) (two females)
- 60 Licensees (six females)
- 46 Engineers-in-Training (five females)
- 31 Certificates of Authorization
- 17 Applicants for Professional Registration were approved (two females)
- 5 Members were granted retired status
- 2 Members were granted Honorary Life Membership

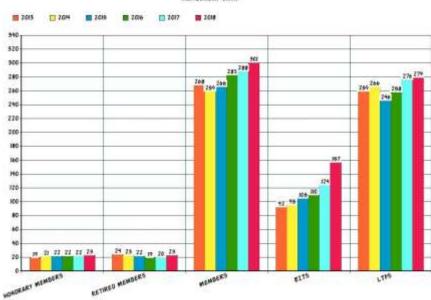
During 2017-2018, names were removed from the register for the following reasons:

Deceased	1
Licensees—non-renewal	47
Members/EITs transferred or resigned	4
Members/EITs non-compliant	2
COA's not renewed	30

The complete listing of Members, Engineers-in-Training, Licensees, and Holders of Certificates of Authorization is provided on the final pages of this report.

Respectfully submitted by,

Jim Landrigan, P.Eng. Registrar





# **Treasurer's Report**

Jim Landrigan, P.Eng. **Treasurer** 



Respectfully submitted by,

Jim Landrigan, P.Eng. **Treasurer** 



Justin Dunn, FEC, P.Eng.

Engineers Canada Director

# **Engineers Canada Director's Report**

#### 2019-2021 Strategic Plan

Throughout 2017 and spring 2018, Engineers Canada completed governance and strategic planning consultations with visits to regulators, the Qualifications Board, and the Accreditation Board. Input from these consultations was incorporated into the final draft of the 2019-2021 Strategic Plan, which was recommended by the Board to the regulators for approval at the Annual Meeting of Members. The Members unanimously approved the plan and it has now been distributed to all directors, presidents, and CEOs, and shared on the Engineers Canada website.

#### Competency-based assessment

In 2018, the Competency-Based Assessment Project saw successes in several jurisdictions, including PEI. Building on the system already in use by Engineers and Geoscientists BC, Engineers PEI has led the way on piloting and ultimately adopting the pan-Canadian system. APEGS will also begin using the system as of January 1, 2019.

#### **Government relations**

Engineers Canada has been highly active in government relations in 2017 and 2018. In addition to being asked to provide submissions and expertise on autonomous vehicles, resource management, infrastructure, and the mitigation of sexual harassment, Engineers Canada representatives have given several in-person reports to parliamentary and senate committees:

October 26, 2017: David Lapp, Manager, Globalization and Sustainable Development, testified and answered questions in front of the Senate Standing Committee on Energy, the Environment and Natural Resources on, as part of its study on the effects of transitioning to a low carbon economy.

**February 7, 2018**: Chris Roney, Past-President of Engineers Canada, testified before the Senate on Bill C-49, the Transportation Modernization Act.

May 30, 2018: Annette Bergeron, President of Engineers Canada, provided testimony on experiential learning and pathways to employment to the House of Commons Standing Committee on Human Resources, Skills and Social Development and the Status of Persons with Disabilities.

On April 24, 2018, Engineers Canada staff and committees also met with 56 parliamentarians and their staff for our most successful Hill Day to date. Conversations focused on two key areas: incorporating climate change vulnerability assessments into decisions on major infrastructure projects, and the support of women, girls, and Indigenous peoples in engineering. Over 40 parliamentarians also attended an evening reception hosted by Engineers Canada.

#### **Globalization and Sustainability**

In late May 2018, the Government of Canada announced the "Climate Lens," which mandates that new major infrastructure projects seeking federal funding will require an assessment of their carbon profile, as well as an assessment of climate change risks related to the projects' location, design, and planned operation. Infrastructure Canada will also require that an engineer, registered professional planner, or appropriately specialized biologist or hydrologist attest to the adherence of climate change resilience assessments to a methodology that is in accordance with ISO 31000 Risk Management standard. The PIEVC protocol is listed among the three recommended methodologies and is the only Canadian tool included among them.

On September 30, 2018, the United States, Mexico, and Canada announced the completion of negotiations toward the USMCA. Once ratified by all three countries, this agreement would replace the current North American Free Trade Agreement (NAFTA). A memorandum regarding the USMCA and implications for engineering was circulated to regulators on October 3, 2018.



On October 24, 2018, Engineers Canada and Polytechnique Montréal launched "Sustainability in Practice," a new massive open online course that uses real-life case studies from across Canada to demonstrate the practical application of Engineers Canada's ten guidelines on sustainable development and environmental stewardship for engineers. Over 1500 people have registered for the course.

#### Accreditation

The Engineers Canada accreditation team has been involved with significant outreach activities, including consultations, training workshops, conference workshops, and support for regional meetings on graduate attributes. The two major initiatives associated with accreditation have also seen significant progress:

- Accreditation Improvement Program (AIP) The AIP, which is a structured, multi-year approach to improving the accreditation of engineering programs, has made substantial progress since 2017, including the selection of ARMATURE as the data management system vendor, the establishment of workflow baselines, the development of new training tools, and regular communications.
- 2. **AU Task Force:** In May 2018, the AU Task Force completed nationwide consultations with key academic stakeholders, including deans, officials groups, and regulators. A consultation report was circulated to all stakeholders and posted on the Engineers Canada website in August.

#### **Qualifications Board**

In April 2018, the Qualifications Board met in Gatineau and approved a guideline on principles of climate adaptation and mitigation, and a model guide on direct supervision. They also reviewed improved website content for engineers-in-training, the general direction for the model guide on the academic assessment of non-CEAB applicants, and four examination syllabi. Stakeholder consultations on the model guide and syllabi are underway. June also saw the launch of the Qualifications Board's consultation process for their 2019 work plan, and a subsequent approval of the draft, slated for finalization by the end of year.

#### 30 by 30

Work continues on promoting 30 by 30 and developing key partnerships to achieve the target. Early April 2018 saw meetings with both ACEC and participants in the Advancing New Canadian Women in Technology (ANCWT) program. In May, Engineers Canada facilitated interviews with several 30 by 30 champions as a part of a Globe and Mail special feature on engineering. Additionally, Lindsay Melvin, Jeanette Southwood, and Annette Bergeron spoke on 30 by 30 respectively at the CCWESTT Conference, the United States' 50K Coalition meetings, and OSPE's Claudette MacKay-Lassonde Forum. In late November, Engineers Canada will facilitate a Champions teleconference to discuss program strategy and goals for 2019.

#### Diversity and outreach

2018 was the second year that Engineers Canada helped facilitate the Future City Competition in Canada, and winning teams from PEI and Durham District School Board (DDSB) went on to represent Canada in Washington. Notably, the DDSB team won a special award in the competition, a remarkable achievement given how recently the program was created.

March was National Engineering Month—Canada's largest celebration of engineering excellence. This year, in addition to assisting with over 500 events demonstrating the rewarding nature of a career in engineering, we launched ExploreEngineering.ca, a year-round resource for people to explore careers in engineering.

Respectfully Submitted by,

Justin Dunn, FEC, P.Eng. Engineers Canada Director



# Act Enforcement Committee Report

Kerry Taylor, FEC, P.Eng. **Chair** 

#### **Committee Members:**

Lloyd Cudmore, FEC, P.Eng. Allan J. Campbell, P.Eng. Foster Millar, P.Eng. (Act Enforcement Officer)

There was one complaint submitted to the Act Enforcement Committee since the last Annual General Meeting. It was reviewed, and the Committee determined that it was not a valid complaint under the Engineering Profession Act.

There are no outstanding issues before the Committee.

The Engineers Canada Committee of National Discipline and Enforcement Officials met in Regina on June 7 and 8, 2018. The following topics were discussed.

- Communicating Discipline Decisions among Regulators
- Communicating with Media about Discipline Cases
- Privacy in the Complaints and Discipline Process
- Compensation for Discipline Committee Members
- Off-Duty Conduct
- Sexual Harassment Complaints (Attachment 18)
- Enforcement of P.Eng and Other Engineering Titles
- Role of Mediation in Complaint Resolution and
- Discipline Hearings

Respectfully submitted by,

Kerry Taylor, FEC, P.Eng. Chair



# Act Review Committee Report



Justin Dunn, FEC, P.Eng. **Chair** 

#### **Committee Members:**

Greg Clayton, P.Eng.
Geoff Connolly, Q.C., P.Eng.
Peter Joostema, FEC, P.Eng.
Jason Lindsay, P.Eng.
Ed Power, FEC, P.Eng.
Aneel Rangi, LL.B. (Engineers Canada)
Jim Landrigan, P.Eng.

The mandate of the Act Review Committee is to recommend updates within the Engineering Profession Act of Prince Edward Island, as well as within our Association's by-laws to meet the realities of today, while anticipating the opportunities of tomorrow.

The last set of revisions to the Act occurred in 2009; however, it was determined that change was needed in key sections to best serve our Members and Licensees, as well as the general public.

The committee is comprised of a talented cross section of our Members, and these committed professionals met throughout the year to review, enhance, and add, where required, to our Engineering Profession Act. The committee has been working closely with our fellow associations across Canada, and with Engineers Canada to adopt the current best practices, and to understand how other associations have addressed current issues. This process has been extremely valuable, and will make the updated Act and By-Laws more robust due to their support.

This year the committee has addressed all identified areas of opportunity that has been raised throughout the process, and has made significant progress on updating the By-Laws to ensure they best reflect the spirit of the proposed revisions of the Act. The Act and By-Law review has proven to be a very significant

scope of work; however, the it is anticipated that these revised documents will be finalized based on a final review process by our members, and after which will be considered by the members of the Legislation and Legislative Council by summer 2019.

I would like to thank the committee members for their hard work and dedication throughout the year.

Respectfully submitted by,

Justin Dunn, FEC, P. Eng. Chair



Geoff Connolly, Q.C., P.Eng. Chair

# Committee Members: Nancy Chiasson, P.Eng. Richard MacEwen, FEC, P.Eng. Jody MacLeod, P.Eng. David Taylor, P.Eng. Sean Wheeler, FEC, P.Eng. Jim Landrigan, P.Eng.

Advocacy Committee Report

The mandate of the Advocacy Committee is:

•to inform the public and others of the relevance and value of the engineering profession;

Kim Levesque

- •to inform the public and others of the Association's role in regulating the profession in PEI and in providing services to its members;
- •to raise the profile of the Association and the engineering profession;
- •to coordinate communication with the public and others on Association programs and activities;
- •to respond to media requests; and
- •to ensure Association is invited to public meetings where issues impact the Association and Profession.

This year, the main focus of the committee was limitation of liability period. Generally the limitation period is 6 years from the discovery of the negligence or breach of contract.

Engineers PEI has been looking to get an ultimate limitation period enacted since 2011. As we are currently updating our Act, it was decided to work the limitation period into the Engineering Profession Act.

Last fall, I drafted a proposed amendment to add to the Engineering profession Act. A copy was given to MLAs at the reception for them hosted by Engineers PEI last November.

The proposed amendment is based on the recent New Brunswick and Nova Scotia Limitation of Actions legislation. This proposed provision is a stop gap to cover the practise of engineering until such time as the province implements legislation to adopt a provincial ultimate limitation period.

PEI remains the only province in Canada without an ultimate limitation period. This leaves Engineers in PEI at a competitive disadvantage as we pay more for insurance coverage because there is no limit on the "discoverability rule." For the most part other provinces have settled on a 15 year period. British Columbia was the first province to enact an ultimate limitation period of 30 years, now reduced to 15.

Recently, while working with the lawyer at Department of Justice, we were advised that we need to be working with TIE, which department will have to sponsor the proposed Bill to amend the Engineering Profession Act. To this end we have asked TIE to add this amendment to its 2019 work plan. This has to done so legislative counsel puts it in their work allocation to draft the Bill to go before the legislature. We hope to have this work completed so a Bill can be presented in the Legislature in the 2019 spring sitting.

Respectfully submitted by,

Geoff Connolly, Q.C., P.Eng. Chair



# Annual General Meeting (AGM) Committee Report



Joshua Collins, P.Eng. Chair

Committee Members:
Jason Lindsay, P.Eng.
Geoff Connolly, Q.C., P.Eng.
Jim Landrigan, P.Eng.
Joanne Landrigan
Kim Levesque

The AGM committee planned the arrangements for this year's event. The 2018 Annual General Meeting will be held at the Rodd Charlottetown Hotel on Kent Street on Friday, November 23, 2018. On Thursday evening, the Association will host a dinner for our out of town guests. Council members and their companions will be joined by representatives from some of the other Provincial Associations and Engineers Canada.

The 2018 Annual General Meeting will begin with registration at 9:00am, followed by the meeting at 9:30am.

The Companions Luncheon will be held at a local restaurant. Joanne Landrigan will meet the guests in the lobby of the hotel at 11:45am.

The Engineers PEI Luncheon will include a presentation "The National Building Code of Canada and Why it Matters" by Ian MacDonald, P.Eng., President of RJ Bartlett Engineering Ltd.

Awards will be presented to members that have 25, 30, 35, 40, 45, 50 and 55 years of dedicated service to the profession.

The Technical Presentations will begin at 2:00pm. The first presentation is titled "PEI's Growing Efficiency Economy". The guest speaker is Mike Proud, Manager of efficiencyPEI.

The second presentation will be held at 3:00m. The title of the presentation is "Public Infrastructure Climate Resilience through Risk Management: Addressing the Roles, Responsibilities and Liabilities of Engineers and Their Practice". The guest speaker will be David Lapp, FEC, P.Eng., Manager, Globalization and Sustainable Development. Engineers Canada

The President's Reception and Awards Banquet will take place in the Georgian Ballroom.

I would like to thank committee members for their efforts and participation to organize the 2018 program.

Respectfully submitted by,

Joshua Collins, P.Eng. Chair



Heather MacLeod, FEC, P.Eng. **Chair** 

Committee Members: Greg Clayton, P.Eng. Justin Dunn, FEC, P.Eng. David Taylor, FEC, P.Eng.

## Awards Committee Report

# Engineers PEI Awards

Calls for nominations were sent to the membership during the summer. Many nominations were received and reviewed by the committee, with the following awards being recommended to Council.

#### **Engineers PEI Award for Excellence:**

Aitazaz Farooque, P.Eng.

#### **Engineers PEI Environment Award:**

PEI Dept. of Transportation, Infrastructure & Energy and Coldwater Consulting Ltd. for the Souris Beach Intertidal Reefs Project

# Engineers PEI Award for the Advancement of Diversity in the Engineering Profession:

Dr. Amy Hsiao, P.Eng.

#### **Community Service Award:**

Heather MacLeod, FEC, P.Eng.

# The Ralph L. Woodside Memorial Award for Service to the Profession:

Vernon McQuillan, FEC, P.Eng.

#### **Engineers PEI Young Engineer Achievement Award:**

Ronald Keefe, P.Eng.

#### Friend of the Profession Award:

Kim McBurney

#### **Honorary Life Membership:**

Blair MacLauchlan, P.Eng.

#### **Lieutenant Governor's Award for Engineering Achievement:**

WEICan (Wind Energy Institute of Canada)

This will be presented during a special ceremony held at Fanningbank during National Engineering Month (March 2019).

Long Service Awards will be presented to:

25 Years:

Nancy Chiasson, P.Eng. Ian Harper, P.Eng. James Mutch, P.Eng. Bill Courtney, FEC, P.Eng. Denton Moffatt, P.Eng. Brian Thompson, P.Eng.

30 Years:

J. David Godkin, P.Eng. Stephen MacLean, P.Eng. Robert Sear, FEC, P.Eng. David Stewart, P.Eng. Patrick Hughes, P.Eng. Thane Myers, P.Eng. Garth Simmons, P.Eng.

#### 35 Years:

John Gaudet, P.Eng. Daniel Hink, P.Eng. Christine MacKinnon, FEC, P.Eng.

#### 40 Years:

Allan Conant, P.Eng.

#### <u>45 Years:</u>

Clifford Campbell, P.Eng. James Lea, P.Eng. Kenneth Montgomery, FEC, P.Eng.

#### 50 Years;

Donald Gillis, FEC, P.Eng. Clair Oliver, P.Eng.

#### <u>55 Years:</u>

Arthur Garrett, P.Eng. Garth Jenkins, FEC, P.Eng.

Respectfully submitted by,

Heather MacLeod, FEC, P.Eng. Chair Nicolas Reddin, P.Eng.

#### Chair

#### **Committee Members:**

Nick Ballem, P.Eng. Laird Ferguson, P.Eng. John Greenan, FEC, P.Eng. John Kelly, P.Eng. Richard MacEwen, FEC, P.Eng. Craig MacIntyre, P.Eng. Jody MacLeod, P.Eng. Terry McKenna, P.Eng. Sean Wheeler, FEC, P.Eng. Jim Landrigan, P.Eng.

Over the past year the Committee continued to pursue some of the outstanding issues from the previous years as well as some new issues. These include:

# **Construction Association Standard Practice Committee Meeting**

The committee representative attended meetings with the PEI Construction Association. Discussions were held regarding prompt payment legislation to provide a general understanding and clarify the requirements. Change order evaluation discussions continued, which also involved the Architects Association as well. Our committee briefly discussed the concept of consistent rates across projects.

#### **PEI Road Builders and Heavy Construction**

A new member has been appointed to the subcommittee to continue Engineers PEI's advocacy and involvement with the PEI Road Builders and Heavy Construction association.

#### **Digital Signatures**

Five associations are using Notarius, a quasi accepted national standard, developed in Quebec. While not yet fully implemented, Engineers PEI has engaged Notarius to provide this service for its members. The program protects the stamp of the engineer and closes the document to editing.

The committee has began discussing the importance of

# Construction & Consulting Committee Report

digital document protection and the practicality of implementing a voluntary enrolment program. We also have held brief discussions regarding APEGBC's and APEGA's approach being proposed as guidelines for the development of a new "Guideline for Use of Professional Seal" document. ACEC-PEI has not been provided an opportunity to comment at this time.

#### **Provincial Building Code Act**

Engineers PEI has a member representative, Nazmi Lawen, on the PEI Building Standard Council. The Council is continuing to work with departmental representatives on the implementation of the PEI "Provincial Building Code Act". The committee has began reviewing the size and classifications of buildings that could be exempt from the services of an engineer. We have also held high level discussions regarding industry competency and the relationship between inspector qualifications and the necessity for engineering review. Specific details pertaining to the PEI Engineering Act requirements were considered, as well as a high-level comparison to the Architects Association of PEI's proposed requirements. ACEC-PEI has not been provided an opportunity to comment. No actionable deliverables have been developed at this time.

#### **Bid Depository Committee**

As members of the Construction Association Bid Depository Committee we attend any openings.

Respectfully submitted by,

Nicolas Reddin, P.Eng. Chair



# EIT Committee and Experience Review Board

Mark Victor, FEC, P.Eng. **Chair** 

#### **Committee Member:**

Mike McKenna, FEC, P.Eng.

**EIT Committee** 

The objective of the EIT Committee is to support our Engineers in Training as they work toward applying for Membership as a Professional Engineer.

The Committee conducts two EIT information sessions each year to explain the various requirements of the EIT program and to provide guidance concerning logbook records, the Professional Practice Exam and application to the Engineering Qualifications Committee. The sessions consist of a formal presentation followed by a question and answer period. The information sessions are put on by the Chairperson of the Committee as well as Jim Landrigan, P.Eng. and Mike McKenna, FEC, P.Eng.

Respectively submitted by,

Mark Victor, FEC, P.Eng. Chair

#### **Experience Review Board**

The Experience Review Board is now in its fourteenth year of operation.

The Experience Review Board offers a logbook review and constructive criticism mechanism to all EIT's to facilitate the transition from EIT to P.Eng.; it provides review and feedback to ensure that the EIT is demonstrating relevant, progressive experience and that the submissions are formatted in a manner consistent with the EIT Guideline recommendations.

Respectively submitted by,

Mark Victor, FEC, P.Eng. Chair



# **Engineering Qualifications Committee Report**

Nazmi Lawen, FEC, P.Eng. Chair

#### Committee Members: Greg Clayton, P.Eng. Amy Hsiao, P.Eng. Heather MacLeod, FEC, P.Eng. Jim Landrigan, P.Eng.

The mandate of the Engineering Qualifications Committee is to review and verify documentation presented by candidates for the purpose of obtaining a certificate of registration, licence to practice or admittance as an engineer-in-training. The Qualifications Committee may also prescribe and conduct exams to confirm candidates' abilities in engineering theory and professional practice. Based on thorough review of applications and interviews, the Committee report and make recommendation to Council.

The Committee reviewed applications to ensure applicants wrote and passed the National Professional Practice Exam, log books completed in accordance with the requirements, conducted interviews with the candidate to ensure competency and conformance, requirements for Canadian work experience, and verified references. In addition, the Committee generally discuss and review policies and practices from other jurisdictions to ensure confirmatory in the application review process.

Over the past year the Committee has reviewed a number of applications for registration from engineers-in-training and others. The Committee is pleased to note that the applicants experience and training covered a wide range of engineering disciplines. This year we completed the academic review of thirty applicants who did not have a Canadian Engineering degree. The registration statistics for the past year are provided in the Registrar's report.

On behalf of the Qualification Committee, I and the Executive Director keep up to date with Assessment Techniques in other jurisdictions to confirm that our assessment requirements and standards for engineering licensure in Canada are consistent with other Provincial

Engineering Associations, for the purpose of enhancing the safety of the public, allowing for mobility of all registrants and facilitating the transition and movement of individuals during the assessment process.

Starting later this year, the review process will be based on Competence Assessment System. The Competency Framework comprises the required proficiencies to enter the engineering profession and provides clear guidance on the path to registration for applicants, referees, reviewers, and employers alike. The Competency Experience Reporting System, which enables the experience component of a P.Eng. application to be submitted, validated, and assessed online, will be launched in the next six months or so and will be the recommended reporting option for all new applicants and new Engineers-In-Training.

I would like to take this opportunity to thank Greg Clayton, Amy Hsiao, Heather MacLeod, and Jim Landrigan for their efforts and contribution to review candidate's files and for their participation in the interviews and Kim for her support of Committee activities.

Respectfully submitted by,

Nazmi Lawen, FEC, P.Eng. Chair



David Taylor, FEC, P.Eng. Interim Chair

#### **Committee Members:**

Ben Babaii, PhD, P.Eng. (Chair) Byron Chubbs, P.Eng. Jeremy Crosby, P.Eng. Tyler E. Gallant, EIT Richard MacEwen, FEC, P.Eng. Neil Morrison, EIT Paul Tatlock, P.Eng. **Environment Committee Report** 

The mandate of the committee is to advise on emerging issues related to the environment, promote engineer's unique qualifications and standards of practice to environmental services and to facilitate the communication of information to the engineering profession and other professions working in the environmental industry on the roles and practice standards of engineers in the environment field. The committee also works with other committees, other organizations and associations to collaborate and share information, ideas and strategies regarding environmental issues.

The committee met twice during the past year. A primary area of discussion is the need for climate change education for professional engineers and the public. Engineers can play a significant role in this education by sharing their knowledge and expertise in evaluating sustainable solutions.

The committee also discussed a review of energy upgrades to the Engineers PEI office. This review is underway and will document the effects of energy efficiency improvements to the office undertaken a few years ago.

Engineers PEI continued its participation in Engineers Canada's national forum Environment and Sustainability Officials Group. This forum provides an opportunity to share information and best practices with other engineering organizations across Canada.

As Interim Chair of the Environment Committee I would like to thank the committee members and others who have offered their time, ideas and efforts to promoting environmental sustainability and the role engineering plays in society.

Respectfully submitted on behalf of the 2018 Environment Committee by,

David Taylor, FEC, P.Eng. Interim Chair





# Nominating Committee Report

Jason Lindsay, P.Eng. **Chair** 

# **Committee Members:**Bill Courtney, FEC, P.Eng. Richard MacEwen, FEC, P.Eng.

The mandate of the Nominating Committee is to prepare nominations for the officers and members of Council, and to seek award nominations and submit received nominations to the Awards Committee.

On behalf of the Nominating Committee, I am pleased to report the following nominations for the 2017-2018 Council election:

President: Geoff Connolly, Q.C., P.Eng.

Vice President: Wendy Weeks, P.Eng.
Councillors: Elliott Coles, P.Eng.

Aitazaz Farooque, P.Eng. Heather MacLeod, FEC, P.Eng.

Colin McQuillan, P.Eng.

Thank you to the members that agreed to stand for election to Council.

In addition, the Nominating Committee received several nominations for awards which were forwarded to the Awards Committee for review and recommendation to Council.

Respectfully submitted by,

Jason Lindsay, P.Eng. Chair



# Professional Development & Continuing Education Committee Report



Heather MacLeod, FEC, P.Eng. Chair

#### **Committee Members:**

Blair Arsenault, P.Eng. Joe Bystryk, P.Eng. Adam Clark, P.Eng. Kaaren May, P.Eng. David Taylor, FEC, P.Eng. Jim Landrigan, P.Eng. Kim Levesque

The Engineers PEI Professional Development (PD) and Continuing Education (CE) Committee strives to provide opportunities for members to stay informed of the engineering work taking place on PEI as well as offer educational opportunities for our members. The Committee is also responsible for conducting an audit of the Professional Development program.

In 2018, the committee worked hard to deliver Continuing Education sessions that would be of interest to a wide range of our membership, including:

- Province House Tour: Timothy E. Chandler, P.Eng, PWGSC
- Not Just 3D Printing: Dr. Grant McSorley, Dr. Amy Hsiao, Dr. Ben Babaii and Mr. Jeff Bowser
- Socially Aware Robot Navigation with Guarantee of Human Safety and Comfort: Dr. Trung Ngo, Associate Professor, UPEI, Dr. Kai Liu, Assistant Professor, UPEI & Dr. Martin Mueller, Professor, University of Alberta
- Maritime Electric Co. Ltd. Disaster Relief: Byron Chubbs, P.Eng and Phillip Henderson
- PEI Energy Systems Tour Future: David Godkin, P.Eng, FEC & Chris MacDougall, EIT

**The Professional Development Program** is a mandatory component of the annual membership renewal process for all Members, Licensees and Engineers-in-Training. In 2018, three members and three licensees were randomly selected for audit. Each of the audited was asked

to provide backup documentation to their PD Activity Summary by way of the standardized Activity Detail forms. The forms were reviewed by members of the committee and it was determined that all the audited members/licensees were in compliance with the mandatory Professional Development Program.

I hope that the committee succeeded in 2018 to bring forward interesting content and provide our members with opportunities to attend CE sessions, learn and socialize with other members. I would like to thank the committee members and all the other members and non-members that have helped us host CE sessions in the past year.

Respectfully submitted by,

Heather MacLeod, FEC, P.Eng. Chair





Jason Lindsay, P.Eng.

Chair

#### **Committee Members:**

Elliott Coles, P.Eng. Kyle Garland, P.Eng. Colin McQuillan, P.Eng. Tim O'Brien, P.Eng. Donald O'Keefe, EIT Ken Sampson, FEC, P.Eng. Mark Victor, FEC, P.Eng. Kim Levesque

# Social Committee Report

The Social Committee met a few times over this past year to plan the various events

The Social Committee hosted four main events in 2018. We continued with the fourth year of the curling event started in 2015. This was held at the Charlottetown Curling Club in February.

The annual Engineers vs. UPEI Engineering Students hockey game took place at the MacLauchlan Arena in March as part National Engineering Month activities. This gave members and students the opportunity to chat informally over a couple of beverages after the game.

The annual lobster supper held in June was a success again this year. The Knights of Columbus continue to provide excellent service at the North Shore Community Centre. As usual, free steak and lobster draws a crowd.

The Fall Golf Tournament was held at Fox Meadow on August 31st. The winning team was Ken Sampson, Benoit Sampson, David Nicholson and Mike Hall.

Without our dedicated committee members these events could not happen. Kim is an integral of this committee and has been a huge factor in coordinating the success of these events.

Respectfully submitted,

Jason Lindsay, P.Eng. Chair Mike McKenna, FEC, P.Eng. Interim Chair

#### **Committee Members:**

Joshua Collins, P.Eng.
Tyler Gallant, EIT
Corinne Gardham, EIT
Adam Jay, P.Eng.
Colin McQuillan, P.Eng.
Tanya Pater, EIT
Alisa Saciragic-Mrehic, FEC, P.Eng.
Jim Landrigan, P.Eng.
Kim Levesque

The mandate of the Student Outreach Committee is to promote engineering to students at all levels, from Primary school through University. Numerous activities and events were held throughout the year with this mission in mind.

The Future City Competition engages more than 40,000 middle school students each year internationally. Students repeatedly report the program increases their motivation and excitement about STEM (Science, Technology, Engineering, and Math).

This past year we had over 80 students enter the PEI competition with the aim of addressing the topic of "The Age Friendly City". Throughout the program the students imagine, research, design, and build cities of the future to showcase their solutions to that year's problem. The winning team from our region, Grace Christian School, was able to compete at the national competition in Washington DC.

This year's topic is "Powering Our Future!" with students signed up from eight schools across the province who are hard at work imagining what a city could look like. The final competition will be held early in the new year.

This year was the 8th season of the Engineers PEI Robotics Club. The club enables 20 children ages 9-14 to learn about robotics, the engineering design process, problem solving and teamwork through various hands-on design challenges. The two tournament teams will be travelling to Truro, Nova Scotia Community College on November 17th to compete in the First Lego League Regional qualifying tournament.

It is important to note that this club could not exist without the dedication of mentors Chris McKenna, EIT,

# **Student Outreach Committee Report**

Susanne Heriazon, Chris Hutchings, youth mentors and former club members: Adam Murray and Clare Apars. We would also like to thank the faculty and staff at UPEI's SSDE for allowing us to use their fantastic facilities.

This year marked the 23rd anniversary of the Bridge Building Competition. On March 9th over 170 students from grades 4 to 12 gathered at the Charlottetown Mall for judging and load testing. The bridge building competition event also featured the annual Art Contest featuring artwork from children in classes from kindergarten to grade 6. This years' theme was "There's a Place for You in Engineering." Once again "Let's Talk Science" took part and provided numerous science-learning activities. Special thanks to Blair Arsenault, Michael Gallant, Tim LeLacheur, Mike McKenna and Tanya Pater who set up the equipment and helped with the testing.

The UPEI Engineering Design Expo and Awards Ceremony took place on April 20th. The \$1000 Engineers PEI Award for Technical Excellence was presented to the team of Jesse Cameron, Mikey Coady, Alex Montgomery and Josh O'Neill.

Special thanks to all committee members and volunteers who participated in the various events this past year.

Respectfully submitted by,

Mike McKenna, FEC, P.Eng. Interim Chair Jon Barrett, P.Eng. (Future City) and David Nicholson, EIT (Robotics Club)



President Joshua Collins, P.Eng. With the Future City PEI winning team from Grace Christian School



Dr. Amy Hsiao, P.Eng. **Chair** 

Jim Landrigan, P.Eng.

# Committee Members: Joshua Collins, P.Eng. Katlyn MacDonald, EIT Kaaren May, P.Eng. Alisa Saciragic-Mrehic, FEC, P.Eng. Nathalie Vendrys, P.Eng.

We kicked off the year by attending the first Engineers Canada 30-By-30 Champions In-Person Meeting at Engineers Canada offices in January. Jim Landrigan, Glenda MacKinnon-Peters as the Engineers PEI 30-By-30 champion, and Amy Hsiao as the university (UPEI) champion for the 30 by 30 Initiative were all participants at the meeting and continue to participate in teleconference 30-By-30 champion meetings.

Currently, there are 61 women (EITs and Members) registered in PEI, or 13% our members.

The Women in Engineering Committee's mandate is:

- to monitor and work to increase the participation of women in engineering with respect to recruitment, retention, and equity;
- to provide information, advice, and recommendations on women in engineering issues for consideration by the Engineers PEI Council;
- to lead the Engineers PEI work to support the national goal of 30 by 30, and actions in support of the Engineers Canada action plan; and,
- to participate in outreach, development activities, research initiatives and collaborate with like-minded groups both within and external to Engineers PEI.

The committee held several events for networking, mentorship, and professional development this year, all of which were well attended and meaningful to the participants:

- The Committee organized a Chocolate Social Study Break with the Faculty of Sustainable Design Engineering at UPEI (FSDE) on March 31 for undergraduate and graduate women to meet and network with the membership.
- The Committee hosted a lunch for eight high school Grades 11 and 12 girls participating in UPEI FSDE's Promoting Girls in Research in Engineering and Sustainability (ProGRES) on July 24. It was a great turnout of women engineers who shared why those chose Engineering as a career path.

# Women in Engineering Committee Report

Amber Jadis, P.Eng. Glenda MacKinnon-Peters, FEC, P.Eng. Katie McCarthy, P.Eng. Maria Steele, P.Eng. Wendy Weeks, P.Eng.

- The Committee organized two after-work summer socials at Lobster on the Wharf for women engineers on August 9 and September 6.
- Engineers PEI sponsored a workshop on "Creating a Gender Inclusive Workplace", in partnership with the PEI Interministrial Women's Secretariat, FSDE at UPEI, and the WinSETT Centre on October 4. This event was attended by a diverse group of students, engineers, scientists, PEI BioAlliance and Women's Network.
- Engineers PEI and FSDE students volunteered at Go Eng Girl Day on October 27, held for the second time at UPEI-FSDE. Go Eng Girl Day was created by the Ontario Network of Women in Engineering (ONWiE) and has occurred on this date for the past 14 years at 25 universities with undergraduate engineering programs across Canada as an exciting opportunity for girls in grades 7-10 and one parent/guardian to visit their local university campus and learn from women professionals, academics and students about the wonderful world of engineering.
- The first Engineers Women Breakfast at Maid Marian's, with FSDE women students and women engineers was held on November 1.
- Planning has begun for the ACT Conference, to be held on May 30-31 and hosted at the FSDE-PEI, with Christine MacKinnon and Amy Hsiao as member and chair, respectively, of the organizing committee. The Connections Conference provides opportunity for women in SETT from Atlantic Canada to share their experiences of studying and working in male -dominated fields, to network with others, and to develop action items with the goal of advancing women in SETT. Women and their male colleagues in SETT from a cross-section of industries, education, government and not-for-profit organizations are invited to attend. CCWESTT and WISE-Atlantic are proud sponsors of the conference.

Continued on next page...

### **WIE Report continued**

The Committee will propose a 2019 budget that continues to focus on recruitment, retention, and success of women in Engineering and outlined by the Engineers Canada 30 By 30 Initiative to achieve a national licensure rate of 30 percent of newly licensed engineers to be women by the year 2030.

WIE welcomes the participation of all engineers in the membership and will continue to have networking lunches, after-work socials, special topic events, and WIE will continue to sponsor and support the effective recruitment of women to Engineering.

Respectfully submitted by,

Amy Hsiao, P.Eng. Chair



Grades 11 and 12 high school students participating in ProGRES (Promoting Girls in Research in Engineering and Sustainability) 2018 on a lunch visit to Engineers PEI



### **Engineers PEI Award Recipients**

#### **Engineering Award for Excellence**

1985 Arthur J. Hiscock, P.Eng.

1991 Coles Associates Ltd.

1992 James C. Johnson, P.Eng.

1993 Hall & Stavert Limited

1994 Locus Surveys Ltd.

1995 Dr. Thomas E. Richardson, P.Eng.

1996 D. Blair MacLauchlan, P.Eng.

1997 Strait Crossing Inc.

1998 Brian Thompson, P.Eng.

1999 Vernon McQuillan, P.Eng.

2000 Malcolm Lodge, P.Eng.

2002 Peter C. Toombs, P.Eng.

2003 Douglas S. Wright, P.Eng.

2004 J. Clark Baglole, P. Eng.

2007 Carl F. Brothers, P.Eng.

2008 Doug Matheson, P.Eng.

2009 Alisa Saciragic-Mrehic, P.Eng.

2011 Gregory MacDonald, P.Eng.

2013 Foster Millar, P.Eng.

2014 PEI Energy Corporation:
Hermanville Wind Project

2015 Peter Toombs, P.Eng.

2017 Don MacEwen, FEC, P.Eng.

#### **Award for Engineering Achievement**

2008 PEI Energy Corporation: East Point Wind Plant

2009 Engineering Technologies Canada Ltd.: Victoria Water & Waste Water Project

2011 Justin Dunn, P.Eng./Holland College: Cast Project

2012 Coles Associates Ltd.: QEH Ambulatory
Care Centre

2013 Maritime Electric Co. Ltd.: Submarine Cable Repair Project

2014 PEI Dept. of Transportation & Infrastructure Renewal: New Haven/Bonshaw

TCH Realignment

#### **Lieutenant Governor's Award for**

#### **Engineering Achievement**

\*\* normally awarded during NEM

2016 Harbourside Engineering Consultants: Hunt Club Pedestrian Bridge Project

2017 Island Water Technologies: REGEN Modular Wastewater Treatment System

2018 Maritime Electric Co. Ltd.:

PEI - NB Interconnection Upgrade Project

## Award for the Advancement of Diversity in the Engineering Profession

2015 Christine MacKinnon, FEC, P.Eng.

2016 Amber Jadis, P.Eng.

#### Friend of the Profession Award

2002 Harry W. MacLauchlan

2008 Borden Boyles

2010 Harry Snow

2013 Joanne Landrigan

2014 Darwin Woods

2015 Dr. Alaa Abd-El-Aziz

#### **Environment Award**

2011 Gary MacDonald, P.Eng.

2012 David Taylor, P.Eng.

2014 City of Summerside: MyPowerNet

2016 The City of Charlottetown: Spring Park
Combined Sewer Separation Project

#### **Community Service Award**

1989 Wayne MacQuarrie, P.Eng.

1990 Anthony Glencross, P.Eng.

1991 Alan Aitken, P.Eng.

1992 Rev. Charles A. MacDonald, P.Eng.

1993 Jim Lea, P.Eng.

1994 Foster C. Fisher, P.Eng.

1995 George A. Trainor, P.Eng.

1996 Frank E. Chaisson, P.Eng.

1997 Alan R. Brown, P.Eng.

1998 H. Douglas Johnson, P.Eng.

1999 Daniel A. MacKinnon, P.Eng.

2000 J. Clark Baglole, P.Eng.

2001 Prof. Don Gillis, P.Eng.

2002 Angus Orford, P.Eng.

2004 Robert Sear, P.Eng.

2006 Jeff Keefe, P.Eng.

2009 Tyler Richardson, P.Eng.

2010 Ken Sampson, P.Eng.

2012 Patrick Hughes, P.Eng.

2013 Amber Jadis, P.Eng.

2016 Libby Osgood, P.Eng.

#### Young Engineer Achievement Award

1989 Ron DeHaan, P.Eng.

1990 David Crandall, P.Eng.

1991 Larry McQuaid, P.Eng.

1992 Peter C. Toombs, P.Eng.

1993 David Brown, P.Eng.

1994 Douglas S. Wright, P.Eng.

1995 Rodney G. Murray, P.Eng.

1997 Bill C. Drost, P.Eng.

1998 Donald McGinn, P.Eng.

1999 Iain Galloway, P.Eng.

2001 Kelly Galloway, P.Eng.

2002 Kenneth G. Sampson, P.Eng.

2006 Christopher Jay, P.Eng.

2008 Jody MacLeod, P.Eng.

2010 Sean Wheeler, P.Eng.

2011 Adam Clark, P.Eng.

2013 Libby Osgood, P.Eng.

2014 Adam Sandler, P.Eng.

2016 Stephen O'Brien, P.Eng.

#### Ralph L. Woodside Memorial Award for Service to the Profession

1989 Don Himelman, P.Eng.

1990 Don MacEwen, FEC, P.Eng.

1991 Donald Champion, FEC, P.Eng.

1992 Norman Stewart, FEC, P.Eng.

1993 Donald J. Gillis, FEC, P.Eng.

1994 Lea V. Windsor, P.Eng.

1995 Wallace J. MacDonald, FEC, P.Eng.

1996 Frank J. Callaghan, FEC, P.Eng.

1997 Douglas A. Coles, FEC, P.Eng.

1998 Ed Power, FEC, P.Eng.

1999 Graeme Linkletter, FEC. P.Eng.

2000 Robert L. Sear, FEC. P.Eng.

2003 D. Wayne MacQuarrie, FEC, P.Eng.

2006 Allan (Jake) Bartlett, FEC, P.Eng.

2007 Brian A. Arsenault, P.Eng.

2008 Frank Parslow, FEC, P.Eng.

2010 Christine MacKinnon, FEC, P.Eng.

2011 Ron LeBlanc, FEC, P.Eng.

2012 Stephen Champion, P.Eng.

2013 Nazmi Lawen, FEC, P.Eng.

2014 Darrell Fisher, FEC, P.Eng.2017 Donald McGinn, P.Eng.

Awards

## **Engineers PEI Past Presidents Roster**

1955-1956 Gerry J. Hayes, P,Eng., E.I.C.\* 1986-1987 Ed Power, FEC, P.Eng. 1956-1957 Norman F. Stewart, FEC, P.Eng.\*\* 1987-1988 Graeme Linkletter, FEC, P.Eng. 1957-1958 Clive W. Currie, P.Eng. 1988-1989 J. Clark Baglole, FEC, P.Eng. 1958-1959 Laurie Coles, P.Eng. 1989-1990 Vernon McQuillan, FEC, P.Eng. 1959-1960 Robert D. Donnelly, FEC, P.Eng. 1990-1991 Donald J. Gillis, FEC, P.Eng. 1960-1961 William R. Brennan, P.Eng. 1991-1992 Wallace MacDonald, FEC, P.Eng. 1961-1962 W.W. Stuart Veale, FEC, P.Eng. 1992-1993 Douglas A. Coles, FEC, P.Eng. 1962-1963 Jack L. Boomhower, P.Eng. 1993-1994 Frank Chaisson, FEC, P.Eng. 1963-1964 E.K. MacNutt, P.Eng. 1994-1995 Robert L. Sear, FEC, P.Eng. 1964-1965 William J. Watson, P.Eng. 1995-1996 Wayne MacQuarrie, FEC, P.Eng. 1965-1966 T. Bruce McLennan, P.Eng. 1996-1997 Kerry Taylor, FEC, P.Eng. 1966-1967 Peter J. Geason, P.Eng. 1997-1998 Alan Maynard, FEC, P.Eng. 1967-1968 Jack M. Simpson, P.Eng. 1998-1999 Lloyd Cudmore, FEC, P.Eng. 1999-2000 Bill Drost, FEC, P.Eng. 1968-1969 Tom E. Richardson, FEC, P.Eng. 1969-1970 David A. Darby, FEC, P.Eng. 2000-2001 Brian Arsenault, FEC, P.Eng. 1970-1971 James M. Simmons, P.Eng. 2001-2002 Glenda MacKinnon-Peters, FEC, P.Eng. 2002-2003 Peter Joostema, FEC, P.Eng. 1971-1972 Frank J. Callaghan, FEC, P.Eng. 1972-1973 Art J. Hiscock, FEC, P.Eng. 2003-2004 Ron LeBlanc, FEC, P.Eng. 1973-1974 H.E. Garth Jenkins, FEC, P.Eng. 2004-2005 Christine MacKinnon, FEC, P.Eng. 1974-1975 Richard Farmer, FEC, P.Eng. 2005-2006 Chris Dixon, FEC, P.Eng. 1975-1976 Clive Stewart, FEC, P.Eng. 2006-2007 Bill Courtney, FEC, P.Eng. 1976-1977 Neil Flemming, P.Eng. 2007-2008 Luc Van Hul, FEC, P.Eng. 1977-1978 Jim Stavert, FEC, P.Eng. 2008-2009 Darrell Fisher, FEC, P.Eng. 1978-1979 R. James Wood, P.Eng. 2009-2010 Mark E. Victor, FEC, P.Eng. 2010-2011 Nazmi Lawen, FEC, P.Eng. 1979-1980 Roy Drake, FEC, P.Eng. 1980-1981 Ken Montgomery, FEC, P.Eng. 2011-2012 John Greenan, FEC, P.Eng. 1981-1982 Ralph Woodside, P.Eng. 2012-2013 Richard MacEwen, FEC, P.Eng. 1982-1983 Don MacEwen, FEC, P.Eng. 2013-2014 Sean Wheeler, FEC, P.Eng. 1983-1984 G. Richard Coles, P.Eng. 2014-2015 Justin Dunn, FEC, P.Eng. 1984-1985 Anthony A. Glencross, FEC, P.Eng. 2015-2016 David Taylor, FEC, P.Eng. 1985-1986 Jake Bartlett, FEC, P.Eng. 2016-2017 Jason Lindsay, P.Eng.

<sup>\*\*</sup>Norman F. Stewart, P.Eng. was the first elected President of APEPEI.



Some of the Past Presidents of Engineers PEI take time for a photo at the 2017 Engineers PEI AGM Awards Banquet.

<sup>\*</sup>Gerry J. Hayes, P.Eng. was Chairman of the PEI Branch of EIC during the formation year of APEPEI.

#### **Honorary Life Members**

Dr. C. Kirk Brown, P.Eng. Frank Callaghan, FEC, P.Eng. Frank Chaisson, FEC, P.Eng. David Darby, FEC, P.Eng. Robert Donnelly, FEC, P.Eng. Richard Farmer, FEC, P.Eng. Donald Gillis, FEC, P.Eng. Anthony Glencross, FEC, P.Eng.

Thomas Harland, P.Eng.
Arthur Hiscock, FEC, P.Eng.
Graeme Linkletter, FEC, P.Eng.
Don MacEwen, FEC, P.Eng.
Norman MacLauchlan, P.Eng.
Wayne MacQuarrie, FEC, P.Eng.
Foch McNally, P.Eng.
Foster Millar, P.Eng.

Paul Newcombe, P.Eng. Frank Parslow, FEC, P.Eng. Julie Payette, P.Eng. Ed Power, FEC, P.Eng. Thomas Richardson, FEC, P.Eng. Michael Schurman, P.Eng. Clive Stewart, FEC, P.Eng.

#### **Retired Members**

Larry Baker, P.Eng.
Jake Bartlett, FEC, P.Eng.
Helen Blake, P.Eng.
Claus Brodersen, P.Eng.
Allan Campbell, P.Eng.
Ross Campbell, P.Eng.
Allan Conant, P.Eng.
James Feltham, P.Eng.

B. Leanne Gallant, P.Eng. Arthur Garrett, P.Eng. James Lea, P.Eng. Charles D. MacDonald, P.Eng. John Francis McIver, P.Eng. Michael Meacher, P.Eng. Robert Michael, P.Eng. Kenneth Montgomery, FEC, P.Eng. Gérald Morneau, P.Eng. Terry Murphy, P.Eng. Fred O'Brien, P.Eng. L. Richard O'Brien, P.Eng. Clair Oliver, P.Eng. Craig Walker, P.Eng.

#### **Engineers-in-Training**

William Ablett Ali Ahmadi Jean-Olivier Allaire William Allen Samuel Arsenault Eliana Ayoub Seved Arman Azimi Arash Barbod Philip Barnes **Holly Barrett** Josh Beaton Farhad Behi Robert Bertram Keilah Bias Michael Bingley Mason Boertien Jonathon Bonnell Carlos Bosco Sean Boucher Sprague Brown Steven Buss Jesse Cameron Justin Campbell Scott Campbell Tristan Caron-Levesque Logan Carr **Cameron Carroll** Adam Casev Jordan Chaisson

**Kyle Chaisson** 

Stephen Coffin

Ryan Cooke

Angela Court

Dylan Crawford

Colby Cudmore

Kathleen Cullen

Nathan Dawson

Alex Dalziel

Rebecca Connolly

Michael Deighan **Scott Dewar** Phillip Dixon Jordan Doiron Peter Doiron Patrick Donahoe **Ryan Downing** Patrick Drake **Thomas Elliott** Daniel Emery Fahad Faroogi Zumer Fatima Erin Ferguson **Gregory Fitzpatrick Curtis Foran Brady Gallant Timothy Gallant** Tyler Gallant Alex Gamble Corinne Gardham Ylber Gashi Alexander George David Gibson **Darcy Gorman** Scott Gorveatt Cameron Graham A. Daniel Grant Patrick Grant Jacqueline Green Julianna Haché **Curtis Hall** Matthew Hall Michael Hall Spencer Hay Marc Hogan Randy Howatt **Kurtis Jackson** Morgan Jones

Ben Lanigan Joel Legault Timothy LeLacheur Simon Leng Mingkai Li Carter Livingstone Xudong Lu **Edward Lush** Katlyn MacDonald Rudy MacDonald Chris MacDougall Nathan MacLeod Spencer MacLeod Dawson MacMillan Martin MacMillan Lance MacNeill Wyatt MacNevin **Ghanim Mahal** Sam Mallett Nicholas Martin Javon Mayhew Andrew McCardle Andrew McCarthy Michael McDougall Janeen McGuigan Christopher McKenna Matthew McKenna David McNeill **Grant McSorley** Nicholas Milligan Randy Mitchell Colin Montgomery Spencer Montgomery **Daniel Morris Neil Morrison** Majid Morshedizadeh Hanan Mresh

Prashanth Murthy

Samuel Mustapha

R. Wayne Wilson, P.Eng. Michael Nestor Chris Newson **David Nicholson** Ellen O'Connor Donald O'Keefe Arthur Ortenburger Shane Ostridge Tanya Pater J. Paul Perry Nicholas Phelan Andrew Pickard Justin Pinksen Steven Qi Joshua Ritchie D. Glenn Robertson Morgan Roggeveen Andres Rosero John Emerson Rowe Sulaimon Salako Alaina Seymour Racheal Seymour Sunil Sharma **Andrew Simmons** Someshwar Singh **Robert Smith** Vuk Stajic Michelle Stetson **Bryce Stewart** Jithin Sunny Jacob Taylor Perry Thompson Muideen Tomori Mark Totten Andrew Trethewey Vinay Upreti **Leonard Vernet** Andrew Walsh Christian Wiedemer Mark Wight Justin Williams

Josh Kelly

#### Members

Maria Abraham Lopez, P.Eng. Bishnu Acharya, P.Eng. Scott Adams, P.Eng. Alan Aitken, P.Eng. Scott Anderson, P.Eng. Blair Arsenault, P.Eng. Richard Arsenault, P.Eng. Wendell Arsenault, P.Eng. Michael Arthurs, P.Eng. Colin Atkinson, P.Eng. Sadegh (Ben) Babaii, P.Eng. J. Clark Baglole, FEC, P.Eng. Nicholas Ballem, P.Eng. Jonathan Barrett, P.Eng. Kevin Barry, P.Eng. W. Douglas Beaton, P.Eng. Frederick Beer, P.Eng. Serge Bernard, P.Eng George Bitar, P.Eng. Garry Bowley, P.Eng. Mark Bowness, P.Eng. Daniel Breau, P.Eng. Carl Brothers, P.Eng. David Brothers, P.Eng. Harold Brothers, P.Eng. David Brown, P.Eng. F. Keith Bulman, P.Eng. Joseph Bystryk, P.Eng. Fraser Cameron, P.Eng. Clifford Campbell, P.Eng. Darcy Campbell, P.Eng. Darren Chaisson, P.Eng. Stephen Champion, P.Eng. James Chapman, P.Eng. Jason Chapman, P.Eng. Jeffrey Chapman, P.Eng. Edward Charter, P.Eng. Jonathan Cheverie, P.Eng. Tim Cheverie, P.Eng. Nancy Chiasson, P.Eng. Scott Christian, P.Eng. Shelley Christian, P.Eng. Byron Chubbs, P.Eng. Adam Clark, P.Eng. Gregory Clayton, P.Eng. James Clow, P.Eng. James Coady, P.Eng. Brianna Coffin, P.Eng. C. Jamie Coffin, P.Eng. Douglas Coles, FEC, P.Eng. Elliott Coles, P.Eng. Howard Coles, P.Eng., M.R.A.I.C. Joshua Collins, P.Eng. Matt Collins, FEC, P.Eng. Geoffrey Connolly, Q.C., P.Eng. Patrick Connor, P.Eng. Donald Cormier, P.Eng.

William Courtney, FEC, P.Eng.

Ryan Crane, P.Eng.

Christopher Creighton, P.Eng.

Jeremy Crosby, P.Eng. Lloyd Cudmore, FEC, P.Eng. John Cunniffe, P.Eng. Andrea Dawson, P.Eng. Bryan Daye, P.Eng. Travis Deacon, P.Eng. Shawn DeLong, P.Eng. Rodney Dempsey, P.Eng. Nicholas DesRoches, P.Eng. James Dickie, P.Eng.

Joshua Dillman, P.Eng. Stephen Dimond, P.Eng. Christopher Doucette, P.Eng. Jeffery Douglas, P.Eng. Andrew Doyle, P.Eng. Bill Drost, FEC, P.Eng. Darren Dunn, P.Eng. Justin Dunn, FEC, P.Eng. Christopher Edwards, P.Eng.

Wade Enman, P.Eng. Ariel Leonid Epshtein, P.Eng.

Darrell Evans, P.Eng. Aitazaz A. Farooque, P.Eng. Ryan Faubert, P.Eng. Laird Ferguson, P.Eng. Darrell Fisher, FEC, P.Eng.

Matthew Fortier, P.Eng. Morley Foy, P.Eng. Michael Fraser, P.Eng. Derek French, P.Eng. William Fugate, P.Eng. F. Jeannie Gallant, P.Eng. Michael Gallant, P.Eng. Tony Gallant, P.Eng. Troy Gallant, P.Eng. Tyler Gallant, P.Eng. Iain Galloway, P.Eng.

Kelly Galloway, P.Eng. Lokesh Garg, P.Eng. Kyle Garland, P.Eng. Gregory Gaudet, P.Eng. John Gaudet, P.Eng. J. Roland Gauthier, P.Eng. Charanbir Gill, P.Eng. Matthew Gill, P.Eng. Sharon Gillis, P.Eng. Gerald Giroux, P.Eng. James Paul Godfrey, P.Eng. J. David Godkin, P.Eng. Valentine Gomez, P.Eng. Bradley Gordon, P.Eng. Philip Gotell, P.Eng.

Darcy Grant, P.Eng. John Greenan, FEC, P.Eng. Stephanie Anne Griffin, P.Eng. Andrew Hall, P.Eng.

Michelle Gough, P.Eng.

Tyler Hamm, P.Eng. Ian Harper, P.Eng.

M.L. Darcey Hennessey, P.Eng.

Daniel Hink, P.Eng. Kimberley Horrelt, P.Eng. Carrie Houston, P.Eng. Amy Hsiao, P.Eng. Erin Hughes, P.Eng. Patrick Hughes, P.Eng. Robert Hughes, FEC, P.Eng. Susan Hughes, P.Eng. Amber Jadis, P.Eng. Adam Jay, P.Eng. Christopher Jay, P.Eng. H.E. Garth Jenkins, FEC, P.Eng.

Paul Johnston, P.Eng. Peter Joostema, FEC, P.Eng. Jeffery Keefe, P.Eng. Ronald Keefe, P.Eng. J. Terrence Kelly, P.Eng. John Kelly, P.Eng. Lauren Kelly, P.Eng. Kevin King, P.Eng.

Nicholas Krouglicof, FEC, P.Eng.

Duane Lamont, P.Eng. James Landrigan, P.Eng. Nazmi Lawen, FEC, P.Eng. Neil Lawless, P.Eng. Marianne LeBlanc, P.Eng. Jason Lee, P.Eng.

Chunying Li, P.Eng. Feng Liang, P.Eng. Jason Lindsay, P.Eng. Chris Linzel-Waddell, P.Eng. Malcolm Lodge, P.Eng. Eric Ma, P.Eng.

Pamela Lynn MacAdam, P.Eng. Calvin MacAulay, P.Eng. Donald MacCallum, P.Eng. R. Chad MacCallum, P.Eng. William MacCannell, P.Eng. Aaron MacDonald, P.Eng. Darcy MacDonald, P.Eng. Gregory MacDonald, P.Eng. Jason MacDonald, P.Eng.

Mark L. MacDonald, P.Eng. Mark R. MacDonald, P.Eng. Wallace MacDonald, FEC, P.Eng. Amy MacDougald, P.Eng. Richard MacEwen, FEC, P.Eng. Ian MacGougan, P.Eng. R. Craig MacIntyre, P.Eng. Adam MacKenzie, P.Eng.

Christine MacKinnon, FEC, P.Eng.

Daniel MacKinnon, P.Eng. Michael MacKinnon, P.Eng. Stephen MacKinnon, P.Eng.

Glenda MacKinnon-Peters, FEC, P.Eng.

D. Blair MacLauchlan, P.Eng. Justin MacLean, P.Eng. Stephen MacLean, P.Eng. Heather MacLeod, FEC, P.Eng.

Jody MacLeod, P.Eng.

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