EngineersPEI



Charter Members of Iron Ring Camp 27 Charlottetown



Charlottetown Airport Authority Runway Extension Project



New Borden-Carleton Substation – Maritime Electric Cable Project



Participants of the 2017 Girls Get WISE Science Retreat

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

General Meeting 2017
Annual Report

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Council 2016-2017



Jason Lindsay, P.Eng.
PRESIDENT



Joshua Collins, P.Eng.
VICE PRESIDENT



David Taylor, P.Eng.
PAST PRESIDENT



Jim Landrigan, P.Eng.

EXECUTIVE DIRECTOR



Geoff Connolly, Q.C., P.Eng.
2ND YEAR COUNCILLOR



Mark MacDonald, P.Eng.

2ND YEAR COUNCILLOR



Heather MacLeod, FEC, P.Eng.

1st Year Councillor



Brian Smyth, P.Eng.

1ST YEAR COUNCILLOR



Dr. Nick Krouglicof, FEC, P.Eng.
UPEI SCHOOL OF SUSTAINABLE
DESIGN ENGINEERING LIAISON



Justin Dunn, FEC, P.Eng.

May 2017 - Present

ENGINEERS CANADA DIRECTOR

Minutes of the 2016 Annual Meeting

The 2016 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 25, 2016. There were 45 members and guests in attendance.

Special Guests from Out of Province:

Chris Roney, FEC, P.Eng., President, Engineers Canada
Kathryn Sutherland, P.Eng., Vice President, Regulatory Affairs, Engineers Canada
Paul Amyotte, FEC, P.Eng., Engineers Nova Scotia
Chris Zinck, FEC, P.Eng., President, Engineers Nova Scotia
Len White, FEC, P.Eng., CEO & Registrar, Engineers Nova Scotia
Annie Dietrich, P.Eng., P.Geo, President, APEGNB
Andrew McLeod, FEC (Hon), CEO, APEGNB
Neil Cleary, P.Eng., Chair, PEGNL
Bob Dony, P.Eng., President Elect, Professional Engineers Ontario
Bob McDonald, P.Eng., Executive Director & Registrar, APEGS
Tara Zrymiak, FEC, P.Eng., President, APEGS

2015-2016 Council:

David Taylor, P.Eng., President Justin Dunn, P.Eng., Past President Kris McMenamon, P.Eng., 2nd Year Councillor Libby Osgood, P.Eng., UPEI SSDE Liaison Jim Landrigan, P.Eng., Executive Director Jason Lindsay, P.Eng., Vice President Joshua Collins, P.Eng., 2nd Year Councillor Mark MacDonald, P.Eng., 1st Year Councillor Nazmi Lawen, FEC, P.Eng., Engineers Canada Director

Members and EITs:

Mark Bowness, P.Eng.
Allan Campbell, P.Eng.
Nancy Chiasson, P.Eng.
Bill Courtney, FEC, P.Eng.
Laird Ferguson, EIT
Darrell Fisher, FEC, P.Eng.
Adam Jay, P.Eng.
Graeme Linkletter, FEC, P.Eng.

Aaron MacDonald, P.Eng.
Don MacEwen, FEC, P.Eng.
Richard MacEwen, FEC, P.Eng.
Glenda MacKinnon-Peters, FEC, P.Eng.
Heather MacLeod, FEC, P.Eng.
Don McGinn, P.Eng.
Chris McQuillan, P.Eng.
Gérald Morneau, P.Eng.

John Murphy, P.Eng. AFM Mursalin, EIT Frank Parslow, FEC, P.Eng. Brian Smyth, P.Eng. Kerry Taylor, FEC, P.Eng. Luc Van Hul, FEC, P.Eng. Wendy Weeks, P.Eng. Sean Wheeler, FEC, P.Eng. Jim Young, P.Eng.

1.0 Call to Order and Welcome

President David Taylor, P.Eng., called the meeting to order at 2:00 pm by welcoming everyone to the 2016 Annual Meeting. He introduced the Council members and extended a warm welcome to the special guests from other engineering associations. David noted that Geoff Connolly, Q.C., P.Eng., 1st year Councillor was unable to attend the meeting and sent his regrets.

David 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, Dr. Amy Hsiao, P.Eng., Dr. Nicholas Krouglicof, P.Eng., Harbourside Engineering Consultants, Maritime Electric Co. Ltd., MCA Consultants Inc. and Linkletter Engineering Inc.

1.1 Changes to the Agenda

David 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 2015 Annual Meeting:

David asked if there were any errors in or omissions from the minutes of the 2015 Annual Meeting. No errors or omissions were noted. He called for the approval of the minutes.

It was moved by Sean Wheeler, FEC, P.Eng., and seconded by Darrell Fisher, 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 Jason Lindsay, P.Eng., took over as chair while President David Taylor, P.Eng., presented his report.

4.1 President's Report

President David Taylor, P.Eng., spoke about his past year as President of Engineers PEI.

He noted that engineering mobility is a key facet in a strong economy. He noted that it provides opportunities for Engineers to offer their expertise across Canada. David reported that, at the Engineers Canada Annual General Meeting, held in May in Charlottetown, Engineers PEI were signatories to an agreement between Engineers PEI, Engineers Nova Scotia, APEGBC and Engineers Yukon. He noted that this agreement allows for Professional Engineers to register in multiple jurisdictions when applying for registration in another province.

David reported that this year marked an important milestone in PEI with the opening of the new UPEI School of Sustainable Design Engineering. He noted that this has been a huge achievement.

He reported that Engineers PEI continues to work to support the engineering program at UPEI and to promote engineering to students across the province with our outreach program. He noted that many UPEI engineering students register as student members of Engineers PEI, which gives them the opportunity to meet our Members.

David noted that Don MacEwen has been working tirelessly over the past year to establish the very first Iron Ring Camp in PEI. He noted that a major milestone happened this week, when Don MacEwen was able to bring the seven wardens together to put forward to the National Wardens to create the camp. He noted that the seven wardens are Douglas Coles, Wayne MacQuarrie, John Gaudet, Mike McKenna, Glenda MacKinnon-Peters, Christine MacKinnon and Kelly Galloway.

At the national level, David noted, that we continue to work closely with Engineers Canada. He noted that Nazmi Lawen has been a great representative for us as Engineers Canada Director.

In closing, David thanked the Membership for their support over the past year. He noted that being President of Engineers PEI has been very rewarding.

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

President David Taylor, P.Eng., resumed chairing the meeting.

5.0 Executive Director's Report

Executive Director Jim Landrigan, P.Eng., noted that it has been a busy year at Engineers PEI.

He noted that supporting university outreach and engagement of women in engineering have been two of our top priorities. He noted that, with the addition of a 30/30 Council Champion, Glenda MacKinnon-Peters, we continue to support the goal of raising the percentage of new licensed engineers who are women to 30% by 2030.

Jim reported that this year we have seen a large increase in the number of foreign-trained applicants. He noted that the validation of academic documents for these applicants is completed by WES (World Education Services). He noted that this process is more efficient.

Jim noted that he is on an Engineers Canada steering committee for the alternatives to one year Canada experience. He noted that a working in Canada seminar is now being tested. He noted that this will help foreign trained applicants to improve their understanding of, and their readiness to engage, in engineering.

He reported that the CEO Group is looking at having APEGBC's tool for competency based assessment become the national

model. He noted that this is a way of implementing a national guideline that has been in place for four years. He noted that Engineers PEI is going to take part in the pilot project, which will be good for our EITs.

Jim noted that the joint application, as mentioned by David in the President's Report, has been working out really well.

He noted that the APEGBC OQM (Organizational Quality Management) Program is in the initial stage of being used across Canada.

Dave asked the Membership if there were any questions or comments. Donald McGinn asked about limitation of liability and why it was not mentioned in either the President's Report or the Executive Director's Report. Jim noted that it is mentioned in the Advocacy Report. He noted that it was a key issue discussed at the MLA Reception, held two weeks ago. He noted that we continue to talk about it with the MLAs and Deputy Ministers. He noted that the government does not see it as a priority issue.

Jim noted that Geoff Connolly met with the Deputy Ministers who are dealing with this issue a number of months ago. He noted that the Executive Committee also discussed it at a meeting with the Deputy Ministers.

Donald McGinn noted that this is an important issue for the Membership and asked if more time should be spent on it. He noted that if we are the last Association able to update limitation of liability, something must be done to elevate this issue. He noted that we need to move from talk to action.

Donald encouraged Jim to make this issue a top priority, as he is the one constant on Council.

Nazmi Lawen asked Jim if you are a member of another association and become licensed to practice in PEI, are you subjected to the same unlimited liability. Jim noted that you are subjected to the same liability, as the work is done in PEI. Nazmi asked if applicants are directly made aware of this when applying for a Licence to Practise. Jim noted that he does not make each individual aware. Nazmi asked if there was a way we could ask sister associations to assist us in pushing this issue forward with government. Jim noted that we could take a look at doing that.

It was moved by Nazmi Lawen, FEC, 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 there was an increase in the memberships in each category. He noted that the joint application has helped with the increase in licensees.

Jim noted that, as mentioned in the Executive Director's Report, twenty percent of new applicants over the past year were women. He reported that we currently have 251 student members.

Jim noted that the list of Members, EITs, LTPs, Student Members and COAs can be found in the Annual Report.

It was moved by Heather MacLeod, FEC, P.Eng., that the Registrar's Report be received. Report received.

7.0 Treasurer's Report

The audited financial statements dated October 31, 2016 were presented by Treasurer Jim Landrigan, P.Eng.

Jim noted that the income statement shows a slight deficit of \$3700. He noted that the majority of the deficit is in relation to legal expenses incurred by the Act Enforcement Committee. He noted that there were investigations that required a new external legal counsel, as there was a conflict of interest.

Jim noted that revenue was slightly higher than anticipated.

With respect to the Endowment Fund, Jim noted that it has not been supported by the membership as much as we had hoped it would be. He noted that our matched contribution to the fund for this year was \$345.00. As a result of this, he noted that the Endowment Fund is not building up as much as it should be. He encouraged the membership to support this fund.

It was moved by Glenda MacKinnon-Peters, FEC, P.Eng., that the Treasurer's Report be received. Report received.

8.0 Engineers Canada Director's Report

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

Nazmi noted he attended the regular Engineers Canada Board meetings, as well as workshops.

Nazmi noted that one of the committees he is a member of is the Bridging Government and Engineers Committee. He noted that the purpose of this committee is to better inform government about the work of Engineers Canada, as well as the engineering profession, as well as issues that affect us most. In March, Engineers Canada held its most successful Contact Day on Parliament Hill. He noted that the members of the committee met with MPs from across Canada.

He noted that Engineers Canada was pleased to see the government's commitment, communicated in Budget 2016, to building resilient and sustainable infrastructure, improving water distribution and treatment, and investing in First Nations communities. Nazmi noted that Engineers Canada continues to communicate to government officials that the country's engineers are ready and willing to help the government achieve these goals and to protect the health and well-being of Canadians.

Nazmi noted that he also serves on the Linkage Committee. He noted that the purpose of this committee is to create dialogue and discuss issues between Engineers Canada and the constituent associations. He noted this work is ongoing.

Nazmi reported that he attends Council meetings on a monthly basis, to keep Council informed of Engineers Canada activities.

It was moved by Bill Courtney, FEC, 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

Act Enforcement Committee Chair Kerry Taylor, FEC, P.Eng. referred the membership to his written report.

Kerry noted that it has been a very busy year for the Committee. He noted that the complaints being dealt with are becoming more complex. He noted that there are currently four complaints being dealt with that requires external legal counsel.

He noted that the Committee is independent from Engineers PEI Council.

Kerry noted that the Committee asked Jim to help review the process of accepting, reviewing and acting on complaints. He noted that this work resulted in a checklist being developed to ensure that the correct process was being followed and that the Committee was acting within its mandate.

He noted that he had to step aside as Chair from three complaints, as he was in a conflict of interest. He noted that Ed Power stepped in as Chair to deal with these complaints. Kerry noted that our legal counsel also had to step aside, due to a conflict of interest and that external legal counsel had to be consulted.

Kerry thanked Ed for assuming the role of Chair to deal with the above-mentioned complaints. He thanked Foster Millar, Act Enforcement Officer, for his hard work. He thanked Committee members Allan Campbell and Lloyd Cudmore for their hard work and dedication.

Donald McGinn asked Kerry if the Act Enforcement Committee, in dealing with Engineers who are not registered with Engineers PEI, but are working in PEI, levies fines on those individuals. Kerry noted that if complaints are brought forward regarding an individual who is not registered with Engineers PEI, a letter is sent to the unregistered individual, requesting that they register with Engineers PEI. He noted that the Act Enforcement Committee does not fine individuals. Donald asked Kerry if the Committee takes any guidance from Council on whether or not fines should be levied. Kerry noted that the mandate of the Committee is to investigate complaints, see if there is legitimacy to the complaint and then recommend a course

of action.

Donald suggested to Council that they look at avenues to levy some sort of penalty to those individuals or companies. Jim noted that part of the Act Review Committee's work is to look at putting this into the Act.

Jim Young asked Kerry if there is anything the province can do to help ensure Engineers are registered in PEI. Kerry noted that if any Member is aware of an individual or company not registered to practice in PEI, it should be brought to the attention of the Act Enforcement Committee so that they can investigate.

9.2 Act Review Committee

Committee Chair Justin Dunn, P.Eng. thanked the Committee members for their hard work over the past year.

He 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 major update to the Act was several years ago. He noted that a lot has changed since that time.

Justin reported that the Committee met on a regular basis to review the Act. He noted that the Committee is completing a comprehensive review document which will outline proposed changes to modernize the Act. He noted that it is the hope of the Committee that this document will be ready for review by the Membership in Spring 2017.

He noted that changes to the legislation are not happening in isolation. He noted that Engineers PEI is working with its provincial counterparts across Canada to harmonize standards through the Canadian Framework for Regulation. He noted that Evelyn Spence from Engineers Canada has been an integral member of the Committee.

Richard MacEwen asked if limitation of liability can be written into our Act. Justin noted that the Committee is discussing this.

9.3 Advocacy Committee

Executive Director Jim Landrigan, P.Eng., reported on behalf of Chair Geoff Connolly, Q.C., P.Eng.

Jim noted that the 4th Annual MLA Reception was held on November 17th. He noted that it was very well attended. He noted that four position statements were distributed at the event. He noted that the four topics were: Engineering Profession Act Review, Government Infrastructure Renewal, National Building Code Adoption, and Ultimate Limitation of Liability. Jim noted that these statements will be posted on our website.

Jim reported that there are plans to have a look at our social media outreach initiatives, to see if they can be updated or expanded.

9.4 Annual General Meeting Committee

Chair David Taylor, P.Eng., thanked Committee members Justin Dunn, Jason Lindsay, Jim Landrigan, Joanne Landrigan, and Kim Levesque. He noted that the last minute change from a technical presentation tour a technical tour, hosted by Maritime Electric, went well. He reported that half of the participants went on the tour and the other half stayed for the technical presentations. He thanked Laird Ferguson, EIT, for his interesting presentation on Remote Vision. He thanked Jon Barrett, EIT, Susan Hughes, P.Eng. and Kaaren May, P.Eng. for stepping in at the last minute to host the second presentation. He noted that if anyone would like a copy of the presentation from UPEI School of Sustainable Design Engineering, to let him know.

David noted that the President's Reception and Awards Banquet will take place this evening. He noted that the Singing Strings will be playing through the dinner.

9.5 Awards Committee

Joshua Collins, P.Eng., Chair of the Awards Committee, noted that calls for nominations were sent to the Membership by email and in the summer newsletter. He noted that several nominations were received and reviewed by the Committee. He noted that five awards were being presented this evening at the Awards Banquet: the Award for the Advancement of Diversity in the Engineering Profession, the Young Engineer Achievement Award, the Community Service Award, the Engineers PEI Environment Award and Honorary Life Membership.

Joshua noted that the first Lieutenant Governor's Award for Engineering Achievement was presented to Harbourside Engineering Consultants for the Hunt Club Pedestrian Bridge Project. He noted that this award was presented at a special ceremony at Government House during National Engineering Month in March.

Joshua reported that the list of those who received Long Service Awards and Engineers Canada Fellowship at the luncheon are listed in his annual report.

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

9.6 Construction & Consulting Committee

Chair Mark MacDonald, P.Eng. referred the membership to his written report. He thanked the Committee members for their dedication.

Mark noted that the Committee met and continued to purse some of the outstanding issues, as well as some new ones. He reported that there were joint meetings held between Engineers PEI, the Architects Association and the Construction Association to discuss quality of work plans, consistency of awarding tenders, phasing of projects and contract administration

Mark reported that the Committee reviewed the present guidelines for the use of the professional seal.

He noted that the Committee met with Joshua Collins, P.Eng., to review concerns with the use of the New Brunswick guidelines on when to use an Architect or an Engineer.

Mark noted that his detailed report can be found on page 27 of the Annual Report.

9.7 EIT Committee and Experience Review Board

Jim Landrigan, P.Eng, reported on behalf of Committee Chair Ron LeBlanc, FEC, P.Eng., who was unable to attend the meeting. He directed the membership to Ron's written report, found on page 28.

Jim reported that the Committee holds EIT information sessions, twice a year, to explain the various requirements of the EIT Program and to provide guidance with respect to logbooks, the National Professional Practice Exam and the application process to becoming a P.Eng. He noted that the last session was well attended.

Jim noted that the Experience Review Board reviewed a number of submissions throughout the past year. He noted that it is important for all EITs to submit logbooks for review, to ensure that they are being completed correctly and with as much detail as needed.

9.8 Engineering Qualifications Committee

Chair Nazmi Lawen, FEC, P.Eng., reported that the mandate of the Committee is to review and verify documentation presented by candidates when applying for professional registration.

Nazmi reported that the Committee reviewed a number of applications for professional registration. He noted that the experience and training of the applicants has covered a wide range of engineering disciplines.

He noted that, one of the benefits of a small association, is we are able to interview each P.Eng. applicant. He noted that this is beneficial as it helps us get to know new members on a more personal level.

Nazmi noted that, on behalf of the Engineering Qualifications Committee, he and Jim keep up-to-date with assessment techniques in other jurisdictions, to ensure that our assessment requirements are consistent with the other constituent associations.

In closing, Nazmi thanked the Committee members for their efforts and contributions over the past year. He thanked Kim for her help in organizing the meetings and arranging interviews.

9.9 Environment Committee

Chair Kris McMenamon, P.Eng. referred the membership to his written report.

He noted that 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.

He noted that the Committee met over the past year to discuss environmental issues and opportunities. He noted that Adam Fenech from the UPEI Climate Lab met with the Committee and discussed current climate change and how it is affecting Prince Edward Island.

Kris reported that Engineers PEI continues its participation in Engineers Canada's Environment and Sustainability Official Group. He noted that this Committee provides an opportunity to share information and best practices with other engineering associations across Canada.

In closing, Kris thanked the Committee members for their dedication over the past year.

9.10 Nominating Committee

Chair Justin Dunn, P.Eng. presented the nominations for the 2016 – 2017 Council and thanked the nominees for putting their names forward.

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

Justin noted that there are great projects happening across the Island and he encouraged the Membership to consider submitting nominations for awards.

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

9.11 Professional Development & Continuing Education Committee

Chair Kris McMenamon, P.Eng., directed the membership to his written report.

Kris reported that a Lunch & Learn session on Project Closeout was very well attended. He noted that the Project Management Essentials Workshop, hosted by Janice Petley, was very successful. He noted that the invitation was expanded to include the BioScience sector.

Kris noted that three technical tours were held throughout the year.

He noted that the Professional Development Program is a mandatory component of the annual Membership renewal process. He noted that three Members and three Licensees are randomly chosen to provide backup documentation to their PD Activity Summary for audit. He noted that the submitted documentation was reviewed by Committee members and it was determined that the three Members and three Licensees were found to be in compliance.

9.12 Social Committee

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

Jason noted that the Committee organized six main events throughout the year. He noted that the first event was curling in February. The annual Engineers PEI vs. UPEI Engineering Students hockey game was held during National Engineering Month in March. On June 4th, the second Engineers PEI Habitat for Humanity Build Day was held. He noted that this was a wall-raising day and that 15 – 20 members took part.

Jason noted that the Annual Lobster Supper was held on June 11th. He noted that there was a huge turnout for this popular event. He thanked Kim for her hard work in organizing the Lobster Supper.

He reported that the Annual Golf Tournament was held at Belvedere Golf Club on September 2nd. He noted that it was very well attended.

Jason noted that the Christmas skate was replaced with a bowling night, which was held on October 28th. He noted that it was well attended.

Jason thanked the Committee for their hard work and dedication.

9.13 Student Outreach Committee

Chair Joshua Collins, P.Eng., noted that the mandate of the Committee is to promote engineering to students at all levels, from Kindergarten to University. He noted that numerous activities and events were held throughout the year.

This year, Joshua noted, Engineers PEI was very pleased to partner with Engineers Canada on the piloting of a new STEM project. This fall, a challenge known as the Future City Competition will be taking place across the Island for children in grades six to eight. He noted that the Future City Competition is a national competition that is very popular in the United States. He noted that the competition begins with one question – how can we make the world a better place? Students imagine, research, design, and build cities of the future that showcase their solution to a city-wide sustainability issue. He noted that this year's topic is "The Power of Public Space". He noted nine teams from schools across the province are hard at work on their projects. He noted that a final competition will be held early in the new year.

Joshua noted that the Engineers PEI Robotics Club is currently in its fourth year. He noted that the club allows children aged 9 – 14 to learn about robotics while encouraging teamwork and problem solving.

He reported that this year marked the 21st anniversary of the Bridge Building & Artwork Contest. He noted that on March 4th, over 120 students from grades 4 – 12 took part in the Bridge Building Contest. He noted that the winning bridge was created by grade 4 student Tanton Wooldridge from Greenfield Elementary. He noted that the Artwork Contest theme was "Water Conservation". He noted that there were many individual and class entries. He thanked the City of Charlotte-town for their sponsorship of the Artwork Contest.

Joshua noted that the Engineers PEI – UPEI Career Night took place on April 4th. He noted that the event illustrated the diverse nature of engineering and how the "real world" application of engineering draws from many fields. He noted that the UPEI Engineering Design Expo and Awards Ceremony took place on April 21st. He noted that there many innovative design projects.

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

9.14 Women in Engineering Committee

Committee member Wendy Weeks, P.Eng., reported on behalf of Chair Amy Hsiao, P.Eng.

She noted that the Committee provided funding and leadership for the Girls Get WISE Science Retreat, which took place on Friday, April 29th. She noted that Amy led the engineering activity with women students from UPEI's School of Sustainable Design Engineering. She noted that WIE Committee members also served as role models at the meet-and-greet luncheon.

Wendy reported that, at the invitation of the NSERC Chair (Atlantic) for Women in Science and Engineering, Amy participated in the Girls Get WISE Science Summer Camp at Mount Saint Vincent University from July 18th – 22nd. She noted that students were engaged in an engineering activity on the design and creation of a wind turbine.

She noted that the Women in Engineering Committee held a successfully networking lunch at the Engineers PEI office on Friday, August 12th. The Committee also held an ice cream social at the new UPEI School of Sustainable Design Engineering on October 25th. She noted it was well attended.

In closing, Wendy noted that the full report can be found on page 36 of the Annual Report.

It was moved by Heather MacLeod, FEC, P.Eng. that the Committee Reports be received. Reports received.

10.0 Ratification of Actions of Council

It was moved by Bill Courtney, FEC, P.Eng., and seconded by Nazmi Lawen, 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 David Taylor, P.Eng. The President then read the results of the election vote. One hundred and seven ballots were cast, which was 36% of eligible voters. There were no spoiled ballots.

The results were as follows:

President: Jason Lindsay, P.Eng. Vice President: Joshua Collins, P.Eng.

Councillor: Heather MacLeod, FEC, P.Eng.

Councillor: Brian Smyth, P.Eng.

12.0 Disposal of Scrutineers Report

It was moved by Richard MacEwen, FEC, P.Eng., and seconded by Nancy Chiasson, 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. Heather MacLeod, FEC, P.Eng. and Brian Smyth, P.Eng. joined the head table.

13.1 Incoming President's Remarks

Incoming President Jason Lindsay, P.Eng., welcomed and thanked those in attendance.

Jason thanked David for his strong leadership and guidance over the past year. He noted that he looks forward to working with David closely over the next year.

Jason noted that he is honored to have the opportunity to serve as President of Engineers PEI. He noted that there are a lot of great things happening and in the works for 2017. He noted that the first graduating class from UPEI School of Sustainable Design Engineering will be conferred in May 2017.

He reported that mobility and national collaboration are key focuses for Engineers PEI. The excellent work with the Joint Application Agreement can be built on and opportunities to update our processes, such as piloting a new competency-based assessment tool for EITs with APEGBC and Engineers Canada can be capitalized on.

Jason noted that an area of focus this coming year is an implementation strategy for the province-wide adoption of limited liability legislation. He noted that it could be argued that this is a barrier to intra-provincial mobility. He noted that Prince Edward Island remains the only province without this in place.

In closing, Jason noted that he is excited for the year ahead. He encouraged the Membership to stay or get involved with the Association in any capacity that they can.

14.0 Election of the 2016-2017 Nominating Committee

A call was made for two members to join the Past President in forming the 2016-2017 Nominating Committee.

It was moved by Nazmi Lawen, FEC, P.Eng., and seconded by Bill Courtney, FEC, P.Eng. that Richard MacEwen, FEC, P.Eng. and Sean Wheeler, FEC, P.Eng., be approved as members of the 2016 -2017 Nominating Committee. Motion carried.

15.0 Proposed Budget for 2016 - 2017

Incoming President Jason Lindsay, P.Eng. presented the proposed budget for 2016 - 2017.

It was moved by Nazmi Lawen, FEC, 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 Sean Wheeler, FEC, P.Eng., and seconded by John Murphy, 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 David Taylor, P.Eng. announced the closing of the meeting at 4:50 pm.

19.0 Greetings from Out-of-Province Guests:

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

19.1 Greetings from Engineers Canada

Engineers Canada President Chris Roney, FEC, P.Eng. thanked the Association for the opportunity to address its membership.

Chris noted that Engineers Canada is the national organization of the twelve engineering regulators across the country, representing Canada's 290,000 Professional Engineers. He noted that we work together to advance the profession in the public interest.

He reported that he was in British Columbia last month, where their provincial government has stripped the BC Realtors of the privilege of self-regulation. He noted that OIQ has been placed under trusteeship. He noted that, in both these cases, government stepped in because they became concerned that these organizations were putting self-interest ahead of public interest. Chris noted that this is a sobering reminder that we have been given the privilege of self-regulation.

He noted that the public has put its trust in us to carry out this responsibility and that earning and maintaining public confidence is so important. He noted that we must be seen to be regulating in the public interest and not self-interest.

Chris noted that Engineers Canada has been very active in learning from recent engineering failures, such as the Elliot Lake mall collapse, the Mount Polley dam breach in British Columbia, as well as the Charbonneau Commission into corruption and collusion in the construction industry in Quebec. He noted that all of these impact the engineering profession and the public's trust and confidence in it. Chris noted that Engineers Canada has been very proactive in learning how we, as a self-governing profession, can improve ourselves in practices to maintain the public's trust.

19.2 Greetings from APEGNB

President Annie Dietrich, P.Eng., P.Geo., thanked Engineers PEI for the opportunity to bring greetings on behalf of APE-GNB's 5700 members.

She noted that on December 5th, a software developer will be hired to work towards computerizing all areas of licensure and compliance within the Association.

Annie noted that the Association sponsored Fredericton's State of the City Address given by Mike O'Brien, P.Eng., Mayor of Fredericton. She noted that member Blaine Higgs, P.Eng., won the leadership race of the provincial Conservative Party. She noted that APEGNB is pleased to see the profile of the engineering profession raised.

She reported that, last year, APEGNB increased their Inspirational STEM Teacher Award from \$2,000 to \$5,000. Annie noted that this is a cash prize for teachers working to promote STEM.

19.4 Greetings from Engineers Nova Scotia

Engineers Nova Scotia President, Chris Zinck, FEC, P.Eng. thanked President David Taylor, P.Eng. and Council for the invitation to the AGM.

He noted that he sees Engineers Nova Scotia and Engineers PEI as great friends. He noted that we work well together. He noted that an example of that is the multiple application agreement.

Chris noted that Engineers Nova Scotia has three goals that it continues to push at the provincial level: 30/2030 goal, out-reach work and professional development work. He noted that these three feed into one another. He noted that their current membership growth rate is 2.5% - 3%.

In closing, Chris congratulated David on his year as President. He congratulated incoming President, Jason Lindsay, and noted that he looks forward to working together over the next year.

19.5 Greetings from PEO

Professional Engineers Ontario President-elect, Bob Dony, P.Eng., brought greetings on behalf of President, George Comrie, FEC, P.Eng., Council and the over 80,000 PEO Members.

Bob noted that PEO Council recently approved the Practice Evaluation and Knowledge Program. He noted that it is going to be fully implemented in March 2017. He noted that it will be a mandatory program for all Members when renewing their membership.

Bob reported that there was a recent case where an enforcement charge was brought against an MP, who was calling himself an Engineer but was not licensed. He noted that the MP has written a letter of apology and donated to the Engineering Education Foundation.

In closing, Bob congratulated incoming Council members and incoming President, Jason Lindsay, P.Eng.

19.6 Greetings from APEGS

President Tara Zrymiak, FEC, P.Eng. thanked President David Taylor, P.Eng. for the invitation.

Tara noted that it is very rewarding to serve as President of the Association. She noted that travelling across the country and attending other association meetings is a wonderful learning experience.

Tara noted that 30/2030 is a key priority for APEGS this year and for the years to come. She noted that Margaret Anne Hodges is APEGS 30/2030 Champion as well as Chair of the task group, which is coordinating all the work that is going on. She noted that the group has developed a slogan, logo and button.

She reported that APEGS is currently working on a multi-year program to make their continuing professional development reporting mandatory.

In closing, Tara congratulated David Taylor, P.Eng. on his past year as President and welcomed incoming President Jason Lindsay, P.Eng.

President's Report

Jason Lindsay, P.Eng. **President**

I am honored to have had the opportunity to serve as President of Engineers PEI. It was my pleasure to work with our dedicated volunteers and office staff to continue the success of our great organization. Jim Landrigan and Kim Levesque are the ones that make the wheels turn at Engineers PEI. Thank you for your dedication.

This was an exciting year for Engineering in PEI with the UPEI School of Sustainable Design Engineering graduating its first class. We continued our strong support of this

program. UPEI is well represented on Council, which keeps Engineers PEI well informed and facilitates the ease of partnership opportunities.

This year saw the creation of the first Iron Ring Camp and the granting of the first Iron Rings on Prince Edward Island. This was a historical moment for engineering in the province and Engineers PEI was grateful to have been invited to participate.

Over the past year, we built on the great work of our volunteer organization and furthered our advocacy goals. The province wide adoption of the National Building Code was a huge milestone for engineering and PEI as a whole. The important work of its implementation is now well underway. Additionally, our work on the Engineering Profession Act review and modernization has moved into the by-laws and is at a point now where it can begin to be implemented.

Prince Edward Island is the only remaining province without limited liability legislation. Over the past number of years, we have continued our lobby efforts for the eventual adoption of a provincial ultimate limitation period. This advocacy priority will be highlighted at our upcoming MLA reception. As an alternative measure this year, we have drafted an amendment to the Engineering Profession Act to cover the practice of engineering.

Mobility and national collaboration are core objectives of Engineers PEI. We are a small nimble association that can move quickly and we continue to leverage this strength. This is evidenced by Engineers PEI piloting the new competency based assessment program for EITs as well as our collaboration with other constituent associations in the extension of the adoption of digital signatures.

Nationally we continue to work closely with Engineers Canada and are active supporters of their 30 by 30 goal to have 30% female newly licensed Engineers by 2030. We have provided additional resources to our Women in Engineering Committee and are proud to report that two out of four councilors are female in 2018. Additionally, this year saw the start of Justin Dunn's three-year term as our new Engineers Canada Director. We are fortunate to have such an experienced and engaged individual keeping Council well informed.

Jason Lindsay, P.Eng. President Engineers PEI





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

- ► Ryan Barry (son of Kevin Barry, P.Eng.)
- ▶ Noah Dawson (son of Gerry Stewart, P.Eng.)
- ► Ian Hink (son of Daniel Hink, P.Eng.)
- ▶ Kyle Peters (son of Wayne Peters, P.Eng. and Glenda MacKinnon-Peters, FEC, P.Eng.)
- ▶ Josh Tweel (son of Sheldon Tweel, P.Eng.)
- ▶ Innis Wheatley (son of Ross Wheatley, P.Eng.



Executive Director's Report

This has been another exciting and busy year for us.

Competency-based Assessment

Engineers PEI is participating a pilot project with Engineers and Geoscientists BC (EGBC) and Engineers Canada to review the use of the EGBC tool for competency based assessment. The other participants are Engineers & Geoscientists New Brunswick and the Association of Professional Engineers and Geoscientists of Saskatchewan. Engineers NS, APEGA and PEGNL are observers.

We have six EIT's who are participating in this pilot project as well as members of the Engineering Qualifications Committee. A national set of competencies, based on the BC competencies, was approved by the pilot group and by our council. The first Engineers PEI applicant to complete this program was approved for licensure in September.

We expect to move over to the new system for all new EIT and P.Eng. applicants in the next six months, depends on the modifications to the software.

CEO Group

During the year, I attended four meetings of the Chief Executive Officers Group (CEO Group). The points of discussion during our most recent CEO Group meeting included: coordination of the work plans for the National Officials Groups and the CEQB, improvements to the accreditation system and we requested research and benchmarking on best practices of other similar national organizations regarding board size and governance models.

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 represented the CEO group at the International Engineering Alliance (IEA) meeting in Alaska as part of the Engineers Canada group. The IEA is a global not-for-profit organization, which comprises members from 36 jurisdictions within 27 countries, across seven international agreements. These international agreements govern the recognition of engineering educational qualifications and professional competence.

I also attended meetings of the Canadian Engineering Qualifications Board, the Canadian Engineering Accreditation Board, the National Admissions Officials Group, the Discipline and Enforcement Officials Group and the National Practice Officials Group. These important meetings allow us to look for and consider opportunities to learn from other associations. I expect there will be opportunity for more shared collaborations in the future.

Admissions Process

In my report last year, I noted that we implemented two key improvements to our admissions processes for foreign trained applicants. The validation of academic documents for 21 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. One of our applicants also successfully completed the National Council of Engineering Examiners (NCEES) Fundamentals of Engineering (FE).

This year 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. We are working with the PEI Association for Newcomers to Canada and the Province of PEI to implement these programs in early 2018.

The first program is an online course, from Settlement Online which is an ISANS initiative that provides flexible preemployment and language training for immigrants online. The topics are Communication Skills for Engineers Modules I-III. The second program is the Engineering Work-based Competency Assessment Program, it offers foreign trained applicants:

- A 12-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 to show their qualifications to a potential employer
- A chance to submit their work experience record to Engineers PEI Engineering Qualifications Committee. This experience may be considered towards the one-year Canadian experience requirement

Notarius - Digital Signature

Engineers PEI signed an agreement with Notarius to enable our members to practice electronically while making sure that recipients of documents produced by members can be certain of (a) the identity of the signer; and (b) that the signer was a member of Engineers PEI with the corresponding right to practice when the document was signed.

We collaborated with PEGNL and Engineers Yukon to get a better price and to jointly introduce the system to our members. All of the engineering regulators in the Atlantic provinces will now be offering the Notarius system to our members. It is worthwhile noting that 9 out of the 12 engineering regulators in Canada are offering this same system.

More information will be provided to you on the implementation this winter.

Iron Ring Camp

The first Iron Ring Ceremony for Prince Edward Island took place in early August, at the School of Sustainable Design Engineering. Engineers PEI sponsored a reception for the Iron Ring recipients and their guests. This year 8 students and several engineers received their Iron Rings, including our former Executive Director, Frank Parslow. The sponsorship of events like this at the SSDE contributes to the growth in our engineer-in-training program and leads to a much better understanding of the role our association plays in the regulation of professional engineering in this province

Canadian Progress Club Women of Excellence Award

This year, one of our Members and a key volunteer, Dr. Elizabeth Osgood was awarded the Canadian Progress Club Women of Excellence Award in the "Education and Research" category. The award honors inspirational women who play important roles in the community. Congratulations once again to Libby on this tremendous achievement and thanks to Engineers Nova Scotia for nominating Libby.

I wish to thank Kim Levesque, President Jason Lindsay, 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 volunteer/supporter for Engineers PEI and contributed to the success of many of our outreach and social events held this year.

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

Ramya Pletscher, P.Eng. the first EIT to complete the Competency-based Assessment project with Engineers PEI.





Registrar's Report

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

During the 2016-2017 year, Council approved 138 applications:

- 6 Members (transferring in) (one female)
- 62 Licensees (one female)
- 31 Engineers-in-Training (five females)
- 31 Certificates of Authorization
- 6 Engineers-in-Training completed their experience requirements & became Members of Engineers PEI (one female)
- 2 Members were granted retired status
- 1 Member was granted Honorary Life Membership

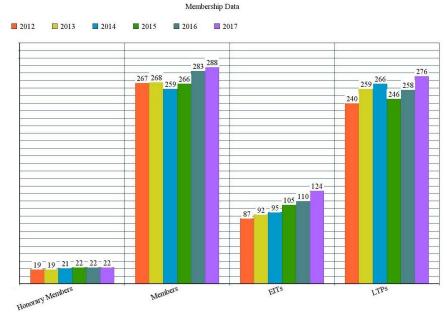
During 2016-2017, names were removed from the register for the following reasons:

Deceased	1
Licensees—non-renewal	44
Members/EITs transferred or resigned	13
Members/EITs non-compliant	4
COA's not renewed	27

There are currently 278 Student Members, of which there are 33 female (12%). The complete listing of Members, Engineers-in-Training, Licensees, Student Members and Holders of Certificates of Authorization is provided on the final pages of this report.

Respectfully submitted by,

Jim Landrigan, P.Eng. Registrar





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

Treasurer's Report



Respectfully submitted by,

Jim Landrigan, P.Eng. Treasurer



Engineers Canada Director's Report

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

Over the past year, Engineers Canada has continued to promote and maintain the interests, honor and integrity of the engineering professional in Canada by providing national support and leadership under close consultation with Engineers PEI and the other engineering regulators.

Governance

Engineers Canada has launched the Governance, Strategic Planning, and Consultation Project, which includes updating the Engineers Canada governance model, developing a sustainable process to plan and issue strategic direction, and developing an effective process for ongoing regulator consultation. Throughout, we are working with the 12 provincial and territorial regulators on how we can best serve you and the engineering profession.

Government Relations

Engineers Canada held its annual Contact Day on Parliament Hill on March 8, 2017. Members of Engineers Canada's Bridging Government and Engineers Committee, staff and volunteers held productive meetings with more than 40 members of Parliament and emphasized the important role that engineers play in public policy-making. Topics of discussion included diversity in the profession, climate-resilient infrastructure, and funding for post-secondary engineering research. The government's announcement of Budget 2017 in March included support and funding for many of the initiatives and issues for which Engineers Canada has been advocating, including climate-resilient infrastructure, STEM education, and improved maternity leave options.

Several times this year, Engineers Canada was also invited to testify at federal committee hearings on key issues of national relevance to the engineering profession. On May 18, 2017, Jeanette M. Southwood, M.A.Sc., FCAE, FEC, P.Eng., IntPE, Vice-President of Strategy and Partnerships spoke on the need for federally funded research on attracting and retaining women in the engineering profession at the House of Commons Standing Committee on the Status of Women. She was invited to speak again on September 11, 2017 in front of the House of Commons Standing Committee on Transport, Infrastructure and Communities, this time on changes to the Rail Safety Act. On October 26, David Lapp, P.Eng., FEC, IRP, Practice Lead, Globalization and Sustainable Development, spoke to the Senate Standing Committee on Energy, the Environment and Natural Resources about the role engineering can play in developing a low-carbon economy.

Competency Project

The piloting of the Engineers & Geoscientists BC's Competency Based Assessment tool has had significant successes in recent months. Engineers PEI is the first piloting regulator to successfully license an applicant under the new system, after the applicant gained Council approval in September. Engineers PEI has received positive feedback on the competency framework and the software from both its assessors and review committee. Additionally, a piloting EIT has been making presentations on her positive experience using the system within her company, which has been building enthusiasm amongst EIT audiences.

Indigenous Access to Engineering

Engineers Canada released a new report in March that outlines seven practices post-secondary institutions can implement to increase the representation of Indigenous peoples in their engineering programs. The report, entitled "Indigenous Peoples' Access to Post-Secondary Engineering Education," is intended to support the development of engineering access programs at Canadian universities, colleges, and technical institutes.

Accreditation

Building on the work done in last year's Forum on Accreditation, in June 2017, Engineers Canada launched two initiatives that will help improve the accreditation process:



- 1. The **AU Task Force** is a group established by the Accreditation Board to examine how the current curriculum measurement methodology (use of "Accreditation Units") can be adapted effectively as educational approaches evolve. This task force includes representation from the Accreditation Board, National Council of the Deans of Engineering and Applied Sciences, and the engineering regulators. Together, this group has established an aggressive work-plan to tackle this critical issue, and will report to the Board in February 2018.
- 2. The **Accreditation Improvement Program** is a staff project 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.
 - Taken together, these two ambitious projects have the potential to advance our accreditation system by ensuring that accreditation criteria reflect developments in the delivery of engineering education and that the accreditation process is delivered effectively and efficiently.

30 by 30

The work on 30 by 30, which is Engineers Canada's goal of raising the percentage of newly licensed engineers who are women to 30 percent by the year 2030, has seen significant progress in 2017. Earlier this year, we released updated program numbers and three-year trend data, marking the first time that reporting was available from all regulators. Engineers Yukon experienced the largest growth and Engineers Nova Scotia the most consistent. Professional Engineers Ontario's Council voted to endorse 30 by 30 after initially delegating the Champion role to Ontario Society of Professional Engineers in 2014. The 30 by 30 Champions convened three times over teleconference and are in the process of planning for the 2018 in-person meeting to be hosted by Engineers Canada.

Mobility

In early 2017, Engineers Canada's then-president Chris Roney signed a Memorandum of Understanding with the Nevada State Board of Professional Engineers and Land Surveyors. Through the MOU, the Nevada Board recognizes that Canadian engineers on the Engineers Canada Mobility Register have demonstrated their competency and integrity and thus may be exempt from writing the exams required for initial Nevada applicants.

Future City

At the beginning of the 2016–2017 school year, Engineers Canada brought the Future City Competition to Canada for the first time. This program, which has been in place in the United States for 25 years, invites students in grades 6–8 to design and build their model of a future city. It brings the engineering design process right into their classrooms and has the potential to spark a lasting interest in the profession. Students in PEI and in Ontario were the first to participate in the competition last year and will do so again in the 2017–2018 school year.

Public perceptions of engineers and engineering

To better understand the public's perception of the value, impact, opportunities and challenges of the engineering profession, Engineers Canada conducted a survey of Canadians in December 2016. Overall, the findings painted a positive picture for engineering in Canada. Foundational perceptions of the profession are strong and promising, but at the same time, there is room for the profession to increase its presence in the minds of Canadians and to position itself as a leader on key issues facing the country.

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 were no complaints submitted to the Act Enforcement Committee since the last Annual General Meeting.

There were five issues that were ongoing from the previous year. These have been resolved.

The Engineers Canada Committee of National Discipline and Enforcement Officials met in Halifax on June 5 and 6 2017. Jim Landrigan represented Engineers PEI.

Items on the agenda included:

- Updates from all associations
- Life Membership and Non-Practicing Status
- Review of the CEQB White Paper on Software Engineering.
- Discipline and Enforcement Library
- Mandatory ethics training in continuing professional development

Respectfully submitted,

Kerry Taylor, FEC, P.Eng. Chair



Act Review Committee Report



Justin Dunn, 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.
Evelyn Spence, 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 consulted with our Members, fellow associations across Canada, and with Engineers Canada in the spirit of considering and adopting the best practices of others. This process has been extremely valuable, and will make the updated Act more robust due to their support.

This year the committee has completed two separate comprehensive reviews of the Act, and are in the process of finalizing the last remaining updates within the draft Act. The Committee has also begun the task of cross referencing our by-laws to the Act, to ensure

that these governance tools are well aligned. The Act Review process has proven to be a significant scope of work; however, the committee does anticipate to have all documentation ready for review by our Members, and the members of the Legislation and Legislative Council in the spring of 2018.

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

Advocacy Committee Report 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. Kim Levesque

The mandate of the Advocacy Committee is:

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

The committee has four position statements, which can be found on the Engineers PEI website: http://engineerspei.com/node/416

- Engineering Profession Act Review
- Government Infrastructure Renewal
- National Building Code Adoption
- Ultimate Limitation of Liability

The focus of the committee was legislative changes primarily regarding an ultimate limitation period and an overhaul of the Engineering Profession Act. This work has been carried out in conjunction with the Act Review Committee. These items will be discussed at the 5th Annual Engineers PEI MLA Reception will be taking place on Tuesday, November 28, 2017 at the Confederation Centre of the Arts.

Special thanks to Kim who carries the administrative load on this committee.

Respectfully submitted by,

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



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

Committee Members: David Taylor, P.Eng. Joshua Collins, P.Eng. Jim Landrigan, P.Eng. Joanne Landrigan Kim Levesque

The Annual General Meeting will begin at 2:00pm.

Annual General

Meeting (AGM)

Committee Report

The President's Reception and Awards Banquet will take place in the Georgian Ballroom. Our guest speakers will Nicholas Krouglicof, FEC, P.Eng. and Kaaren May, P.Eng. from the UPEI School of Sustainable Design Engineering.

The Singing Strings will perform throughout the President's Reception and Dinner.

I would like to thank committee members for their efforts and participation to organize the 2017 program.

Respectfully submitted by,

Jason Lindsay, P.Eng. Chair

The AGM committee planned the arrangements for this year's event. The 2017 Annual General Meeting will be held at the Rodd Charlottetown Hotel on Kent Street on Friday, November 24, 2017. 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 the other Provincial Associations.

The 2017 Annual General Meeting event will begin with two technical presentations on Friday morning. The first presentation, "Climate Change: We're screwed, it's our fault, it's going to get worse, and there's nothing we can do about it", is being presented by Dr. Adam Fenech. The second presentation, PEI - NB 138kV Submarine Cable Interconnection Project, is being presented by Angus Orford, P.Eng., Kim Horrelt, P.Eng., Mark Victor, FEC, P.Eng., Gary O'Rielly, P.Eng. and Adam MacKenzie, P.Eng.

The Companions Luncheon will be held at RedWater Rustic Grille, Holman Grand Hotel, at noon.

The Engineers PEI Luncheon will include a presentation "Going Paperless is the Goal, Digital Signatures are the Solution" by Marc St-Jacques, Vice President, Sales and Marketing, Notarius.

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



Joshua Collins, P.Eng. **Chair**

Committee Members: Greg Clayton, P.Eng. Justin Dunn, FEC, P.Eng. Heather MacLeod, FEC, P.Eng.

Engineers PEI Awards

Calls for nominations were sent out to the membership through e-mail and our newsletter during the summer. Several nominations were received and reviewed by the committee, with the following awards being recommended to Council.

Engineers PEI Award for Excellence:

Don MacEwen, FEC, P.Eng.

<u>The Ralph L. Woodside Memorial Award for Service to</u> the Profession:

Don McGinn, P.Eng.

Honorary Life Membership:

Baird Judson, P.Eng. Graeme Linkletter, FEC, P.Eng.

<u>Lieutenant Governor's Award for Engineering</u> Achievement:

Maritime Electric Co. Ltd. for their PEI - NB Interconnection Upgrade Project.

This will be presented during a special ceremony held at Fanningbank during National Engineering Month (March 2018).

This year, the <u>Long Service Awards</u> will be presented to the following members:

25 Years:

Scott Anderson, P.Eng. Colin Atkinson, P.Eng. Paul Johnston, P.Eng. Glenda MacKinnon-Peters, FEC, P.Eng. K. Wayne Simmons, P.Eng.

Awards Committee Report

30 Years:

Alan Aitken, P.Eng.
Helen Blake, P.Eng.
David Brown, P.Eng.
Howard Coles, P.Eng., M.R.A.I.C.
Robert Hughes, FEC, P.Eng.
Nazmi Lawen, FEC, P.Eng.
Rodney Murray, P.Eng.
Alisa Saciragic-Mrehic, FEC, P.Eng.
Nedzad Saciragic, P.Eng.

35 Years:

Douglas Coles, FEC, P.Eng. Allan Conant, P.Eng.

40 Years:

Wendell Arsenault, P.Eng. C. Kirk Brown, P.Eng. Don MacEwen, FEC, P.Eng. Wayne MacQuarrie, FEC, P.Eng. Foch McNally, P.Eng.

45 Years:

E. Roy Drake, FEC, P.Eng. Norman MacLauchlan, P.Eng. Don Gillis, FEC, P.Eng.

50 Years:

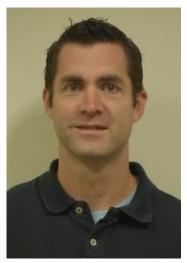
Richard Farmer, FEC, P.Eng. Thomas Harland, P.Eng. Paul Newcombe, P.Eng.

55 Years:

David Darby, FEC, P.Eng. Arthur Hiscock, FEC, P.Eng. Malcolm Lodge, P.Eng.

Respectfully submitted by,

Joshua Collins, P.Eng. Chair



Mark MacDonald, P.Eng. **Chair**

Committee Members:

Nick Ballem, P.Eng. Laird Ferguson, EIT 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

Joint meetings were held between Engineers PEI, Architects Association and the Construction Association to discuss common issues, including the quality of work/plans, consistency of awarding tenders, phasing of projects, and contract administration. A change order subcommittee have established a recommended Change Order billing rate for journeyman contractors based on existing rates established in collective bargaining agreements. Our committee discussed the recent Change Order Evaluation and provided input, contractor's rate increases on change orders to be consistent and relative to the amount of the change order and clarified item relating to "Start-up and Breaks".

PEI Road Builders and Heavy Construction

Discussion regarding meeting with contractors and consultants regarding quality of drawings. Meeting went well and contractors had legitimate points. Contractors feel the quality of tender documents does not provide them adequate information for accurately bidding on a project. Root cause is likely related to the procurement procedure where low bid awards force lower budgets resulting in reduced scope of work for design and leave contractor to determine unknowns, etc., which could lead to down time and project extras.

Review of Organizational Quality Management Program (OQM)

A quality management program developed by Professional Engineers and Geoscientists of British Columbia. Intended to be a more cost effective alternative to ISO. Currently a project underway with Engineers Canada to extend the OQM system across Canada. Refers to BC act and guidelines. Hundreds of companies in BC using and many others across Canada. Feedback from the committee indicates it appears straightforward to implement.

Construction & Consulting Committee Report

Guideline for Use of Professional Seal

The Committee has reviewed the present guidelines for the use of the seal and in particular how electronic seals are to be regulated. Consulting Association had exceptions and is now off the website, as clarifications are being worked out.

Digital Signatures

Five associations are using Notarius, a quasi accepted national standard, developed in Quebec. Newfoundland, Yukon and Prince Edward Island working on an agreement to start using in 2018. Cost of \$500 to start the program. The program protects the stamp of the engineer and closes the document to editing.

Outline of Services for Consulting Engineers Assignments and Recommended Fees Document

The Committee has reviewed the present guidelines and fee structures for consulting engineering assignments. Discussed how recommended rates don't necessarily reflect what is currently seen in the industry associated with low bids.

Provincial Building Code Act

Engineers PEI have a member representative Nazmi Lawen on the PEI Building Standard Council. The Council is continuing to working with departmental representatives on the implementation of the PEI "Provincial Building Code Act". We have to come up with a recommended position for regulations as to when a Professional Designer is not required.

Bid Depository Committee

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

Respectfully submitted by,

Mark MacDonald, P.Eng. Chair



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

EIT Committee and Experience Review Board

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 Darrell Fisher, FEC, P.Eng.

Respectively submitted,

Mark Victor, FEC, P.Eng. Chair

Experience Review Board

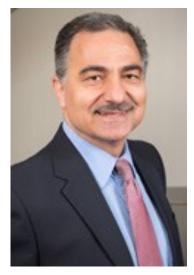
The Experience Review Board is now in its thirteenth year of operation.

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,

Mark Victor, FEC, P.Eng. Chair

Committee Members: Darrell Fisher, FEC, P.Eng. Mike McKenna, FEC, P.Eng.



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 generally reviewed applications to ensure applicants wrote and passed the National Professional Practice Exam, logbooks completed in accordance with the requirements, conducted interviews with each 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 21 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, Heather MacLeod, Amy Hsiao, 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,

Nazmi Lawen, FEC, P.Eng. Chair



Environment Committee Report

David Taylor, P.Eng. **Chair**

Committee Members:

Byron Chubbs, P.Eng. Tyler E. Gallant, EIT Richard MacEwen, FEC, P.Eng. Neil Morrison, EIT Paul Tatlock, P.Eng.

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 on roughly a semi-monthly basis to discuss environmental issues and opportunities to integrate environmental awareness and sustainability into Engineers PEI.

The committee enjoyed a presentation from UPEI's Adam Fenech on current climate change and how it is affecting the Island. Dr. Fenech is the director of UPEI's Climate Lab.

Engineers PEI continued its participation in Engineers Canada's national forum Environment and Sustainability Officials Group and attended the yearly meeting on June 10th. This forum provides an opportunity to share information and best practices with other engineering organizations across Canada.

As 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 by,

David Taylor, P.Eng. Chair





Nominating Committee Report

David Taylor, P.Eng. **Chair**

Committee Members:Richard MacEwen, FEC, P.Eng.
Sean Wheeler, 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: Joshua Collins, P.Eng.
Vice President: Geoff Connolly, Q.C., P.Eng.
First Year Councillors: Ben Babaii, PhD, P.Eng.

Wendy Weeks, 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,

David Taylor, P.Eng. Chair





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

Professional Development & Continuing Education Committee Report

Committee Members:

Blair Arsenault, P.Eng.
Joe Bystryk, P.Eng.
Byron Chubbs, P.Eng.
Adam Clark, P.Eng.
Kaaren May, P.Eng.
Ramya Pletscher, P.Eng.
David Taylor, 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 2017, the committee worked hard to deliver Continuing Education sessions that would be of interest to a wide range of our membership, including:

- Tour of Charlottetown's Wastewater Treatment Plant
- Presentation on "Engineering Risk Management" by Grant McSorley at UPEI's School of Sustainable Design Engineering
- Presentation on the future of transportation, "Ubers to Tubers" by Dr. Clarence Woudsma from Waterloo University
- Upcoming Seminar in Halifax, NS, "Understanding the Changing Legal Climate: Canadian Climate Law for Engineers"

The Professional Development Program is a mandatory component of the annual membership renewal process for all Members, Licensees and Engineers-in-Training. In 2017, 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 believe that the committee succeeded in 2017 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 2017.

Respectfully submitted by,

Heather MacLeod, FEC, P.Eng. Chair



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

Committee Members:

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

The Social Committee met a handful of times over this past year to plan the various events. The majority of the detail was sorted out remotely. The Social Committee hosted six main events in 2017 that were all very well attended by the membership.

In 2017 we continued with the third year of the curling event started in 2015. This was held at the Charlottetown Curling Club in February and was well attended.

The annual Engineers vs. UPEI Engineering Students hockey game took place at the MacLauchlan Arena in March as part National Engineering Month activities. There was a great turnout on the ice and at the social event at The Brewery after the game. This gave members and students the opportunity to chat informally in a relaxed atmosphere.

Unfortunately, as a result of a lack of available build dates this fall, the Habitat for Humanity volunteer day did not go ahead this year. We will look to plan a day that works best for the members next year.

The annual lobster supper held in June was a great 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.

Social Committee Report

The Fall Golf Tournament was held on the Friday going into Labour Day weekend at Belvedere Golf Club. Quite a few student teams attended compared to previous years, highlighting the growing UPEI engineering program.

Without our dedicated committee members, these events could not happen. Kim is a huge part of ensuring that every event runs smoothly – thank you.

Respectfully submitted,

Jason Lindsay, P.Eng. Chair



Winning team of the Engineers PEI Annual Golf Tournament:
Dave Nicholson, EIT, Kent Nicholson P.Eng.
Ken Sampson, FEC, P.Eng. and Mike Hall, EIT



Joshua Collins, P.Eng. **Chair**

Committee Members:

Tyler Gallant, EIT
Corinne Gardham, EIT
Adam Jay, P.Eng.
Mike McKenna, FEC, P.Eng.
Colin McQuillan, EIT
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.

This past January, Engineers PEI, in partnership with Engineers Canada, held the first Future City Competition at UPEI's School of Sustainable Design Engineering (SSDE). Approximately 70 students composing eight teams from grades 6-8 competed in the competition showcasing their future cities that aimed to address the topic "The Power of Public Space." The winning team from Grace Christian School went on to the national competition in Washington, DC in February.

The Future City Competition is a national competition that is immensely popular in the United States. The competition starts with a question—how can we make the world a better place? To answer it, 6th, 7th, and 8th grade students imagine, research, design, and build cities of the future that showcase their solution to a citywide sustainability issue. Past topics include stormwater management, urban agriculture, and green energy. This year's topic is "The Age-Friendly City." Students from ten schools across the province are already hard at work on their projects. A final competition will be held early in the new year.

2017 marked the fifth season for the Engineers PEI Robotics Club. The club enables 22 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 on November 18th to compete in the First Lego League Regional qualifying tournament. I'm happy to acknowledge that one team from last years regional tournament went on to compete in the championship at Acadia University, showcasing their design project, the "Calming Carrier." It is important to note that this club could not exist without the dedication of mentors David Nicholson, EIT and Steve Buss, EIT, as well as the faculty and staff at UPEI's SSDE.

This year marked the 22nd anniversary of the Bridge Building Competition. On March 10th over 170 students from grades 4 to 12 gathered at the Charlottetown Mall for judging and load

testing, with over 70 bridges being submitted from Elliot River Elementary alone. 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. Amber Jadis, P.Eng., franchise owner of Bricks 4 Kidz was also on site to give demonstrations and let children play with Lego devices. Special thanks to Mike McKenna, Michael Gallant, Blair Arsenault, Tim LeLacheur, and Tanya Pater who set up the equipment and helped with the Testing. Thank you to Nick and Joanne Landrigan for registering all of the bridges ahead of the competition and to to students of UPEI's SSDE

Student Outreach

Committee Report

The UPEI Engineering Design Expo and Awards Ceremony took place on April 21st. Each year, Engineers PEI 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 recipients were Robert Smith, Jesse Cameron, Christian Wiedemer and Javon Mayhew.

I would like to thank all committee members and volunteers who participated in the various events this past year. I also wish to recognize the commitment of Libby Osgood, whom was a driving force behind last years Future City Competition, Jon Barrett for helping with this years competition, and also Kim Levesque who keeps the events running smoothly.

Respectfully submitted by,

for assisting throughout the event.

Joshua Collins, P.Eng. Chair



Students and parents waiting eagerly for the Bridge Building Competition to begin.



Justin Dunn, FEC, P.Eng., with the winning team of the 1st Engineers PEI Future City Competition



President Jason Lindsay, P.Eng. and Executive Director Jim Landrigan, P.Eng. with the winning team of the 2017 UPEI School of Sustainable Design Engineering Design Expo (Robert Smith, Jesse Cameron, Christian Wiedemer and Javon Mayhew)



Participants of the 1st Engineers PEI Future City Competition



Some of the artwork submitted for the National Engineering Month Artwork Contest, held at the Charlottetown Mall, on March 10, 2017.



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

Committee Members:
Joshua Collins, P.Eng.
John Greenan, FEC, P.Eng.
Amber Jadis, P.Eng.
Glenda MacKinnon-Peters, FEC, P.Eng.
Kaaren May, P.Eng.
Katie McCarthy, P.Eng.

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;
- provide information, advice, and recommendations on women in engineering issues for consideration by the Engineers PEI Council;
- 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,
- participate in outreach, development activities, research initiatives and collaborate with like-minded groups both within and external to Engineers PEI.

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

- The Committee held a "Movie Night", showing "Hidden Figures" at Cineplex Cinema at the Charlottetown Mall on February 9. Thirty-seven Engineers PEI members and their friends and family came out to watch this inspiring, Oscarnominated story about three women who participated in a NASA mission to space in 1962.
- The Committee organized a networking lunch for women Engineers, EITs, and engineering students on March 31, at the Engineers PEI Office.
- Several WIE members participated in the 4th annual Girls Get WISE (Women in Science and Engineering) Retreat, a one-day action packed event for girls in Grades 7-9 to participate in hands-on science and engineering design activities. The event was hosted by UPEI at the School of Sustainable Design Engineering and the Faculty of Science at UPEI.
- WIE sponsored the participation of two women Engineers and 3 UPEI SSDE engineering students who attended the <u>Atlantic ConnecTions Conference</u>: Supporting the Career <u>Progression and Retention of Women in SETT</u>, at Mount Saint Vincent University in Halifax, NS on May 3-4, 2017.
- The Committee hosted a lunch for six high school Grades 11 and 12 girls participating in UPEI SSDE's Promoting Girls in Research in Engineering and Sustainability (ProGRES) on August 1. The girls met several women Engineers and were encouraged to pursue Engineering as a career path.
- The Committee organized an after-work social at Upstreet Craft Brewery on August 31.
- WIE Chair and UPEI SSDE faculty member, Dr. Amy Hsiao, organized Go Eng Girl Day on October 14, held for the first time at UPEI's School of Sustainable Design Engineering.

Women in Engineering Committee Report

Go Eng Girl Day was created by the Ontario Network of Women in Engineering (ONWiE) and has occurred on this date for the past 12 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 Committee sponsored a special UPEI SSDE Open House on November 3 for the 32 high school girls who applied to the ProGRES program this past summer. The girls were invited to sit in on two Engineering classes and enjoyed a networking lunch with women engineering students and women engineers.

The Committee has proposed a 2018 budget that will focus on the Engineers Canada 30 By 30 Initiative, which is a stated goal to achieve a national licensure rate of 30 percent women by the year 2030. Currently, there are 60 women (EITs and Members) registered in PEI, or 17% of our members. Glenda MacKinnon-Peters is Engineers PEI's champion for the 30 by 30 Initiative and Amy Hsiao is the university (UPEI) champion for the 30 by 30 Initiative. 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,

Amy Hsiao, Ph.D., M.B.A., P.Eng. Chair



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

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.

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

<u>Lieutenant Governor's Award for</u> <u>Engineering Achievement</u>

** normally awarded during NEM

2016 Harbourside Engineering Consultants: Hunt Club Pedestrian Bridge Project

2017 Island Water Technologies: REGEN
Modular Wastewater Treatment System

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

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.



President David Taylor, P.Eng, presenting Stephen O'Brien, P.Eng. with the Young Engineer Achievement Award



His Honour H. Frank Lewis, Lieutenant Governor of Prince Edward Island, presenting the Lieutenant Governor's Award for Engineering Achievement to Island Water Technologies.

Engineers PEI Presidents Roster

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. 1992-1993 Douglas A. Coles, FEC, P.Eng. 1961-1962 W.W. Stuart Veale, 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. 1968-1969 Tom E. Richardson, FEC, P.Eng. 1999-2000 Bill Drost, FEC, P.Eng. 1969-1970 David A. Darby, FEC, P.Eng. 2000-2001 Brian Arsenault, FEC, P.Eng. 2001-2002 Glenda MacKinnon-Peters, FEC, P.Eng. 1970-1971 James M. Simmons, P.Eng. 1971-1972 Frank J. Callaghan, FEC, P.Eng. 2002-2003 Peter Joostema, 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. 2005-2006 Chris Dixon, FEC, P.Eng. 1974-1975 Richard Farmer, 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. 1979-1980 Roy Drake, FEC, P.Eng. 2010-2011 Nazmi Lawen, 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, P.Eng. 1985-1986 Jake Bartlett, FEC, P.Eng.

*Gerry J. Hayes, P.Eng. was Chairman of the PEI Branch of EIC during the formation year of APEPEI.

**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 2016 Engineers PEI AGM Awards Banquet.

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.
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.
Claus Brodersen, P.Eng.
Allan Campbell, P.Eng.
Allan Conant, P.Eng.
Ronald Estabrooks, P.Eng.
James Feltham, P.Eng.

Ali Ahmadi

B. Leanne Gallant, P.Eng. Arthur Garrett, P.Eng. W. Baird Judson, P.Eng. James Lea, 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.

Engineers-in-Training

William Allen Samuel Arsenault Seved Arman Azimi Arash Barbod Philip Barnes Holly Barrett Josh Beaton Farhad Behi Robert Bertram Jonathon Bonnell Sean Boucher **David Brothers** Steven Buss Scott Campbell Tristan Caron-Levesque Logan Carr Adam Casey Kyle Chaisson Stephen Coffin Rebecca Connolly Ryan Cooke Dylan Crawford Colby Cudmore Kathleen Cullen Alex Dalziel Nathan Dawson Michael Deighan Phillip Dixon Jordan Doiron Patrick Donahoe

Ryan Downing Andrew Doyle Patrick Drake Matthew Duffy Thomas Elliott Erin Ferguson Laird Ferguson Gregory Fitzpatrick Matthew Fortier **Brady Gallant** Timothy Gallant Tyler Gallant Alex Gamble Corinne Gardham Ylber Gashi Alexander George Darcy Gorman Scott Gorveatt Cameron Graham A. Daniel Grant Patrick Grant Jacqueline Green Curtis Hall Matthew Hall Michael Hall Marc Hogan Randy Howatt Kurtis Jackson Morgan Jones Seved Kazeroonian Josh Kelly

Ben Lanigan James Lanigan Marianne LeBlanc Timothy LeLacheur Mingkai Li Carter Livingstone **Edward Lush** A. Jason MacDonald Rudy MacDonald Chris MacDougall Sidney MacEwen Nathan MacLeod Dawson MacMillan Martin MacMillan Lance MacNeill Ghanim Mahal Nicholas Martin Javon Mayhew Andrew McCardle Andrew McCarthy Michael McDougall Janeen McGuigan Christopher McKenna Matthew McKenna Colin McQuillan **Grant McSorley** Nicholas Milligan Randy Mitchell Colin Montgomery Spencer Montgomery Neil Morrison

AFM Mursalin Michael Nestor Chris Newson David Nicholson Graham Nixon Ellen O'Connor Donald O'Keefe Shane Ostridge Tanya Pater J. Paul Perry Nicholas Phelan Andrew Pickard Nicolas Reddin Joshua Ritchie D. Glenn Robertson Morgan Roggeveen John Emerson Rowe Alaina Seymour Racheal Sevmour **Andrew Simmons** Someshwar Singh Katlyn Smith Vuk Stajic Michelle Stetson Zhuxi (Cynthia) Sun Jacob Taylor Perry Thompson Mark Totten Mark Wight Justin Williams Christopher Zubick

Members Non-Practising

E. Roy Drake, FEC, P.Eng.

J. Bertrand Friolet, P.Eng.

Members

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