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**Darlene
Spracklin-Reid, P.Eng.**
Chair



**Geoff Emberley
MBA, P.Eng., FEC**
CEO & Registrar

Chair and CEO Report

Reflection, change and celebration.

For PEGNL, the month of June is represented by these very things. This time of year sees the culmination of hard work and dedication, with several events showcasing and earmarking many of the important reasons PEGNL is here.

One such reason is Professional Development. PD is a necessity for licensure, but it also ensures that engineers and geoscientists are increasing and perfecting their skills for the betterment of their work, and therefore the public.

The PD Event held on June 8 in St. John's, a precursor to the Annual General Meeting (AGM), allowed us to provide content that is not only important to meeting PEGNL's mandate, but touched on knowledge and conversations that our license holders may not get in other forums.

This was the first year we provided the event via web, and the response has already made us excited to use this technology to provide more PD opportunities in the future. We touch more on the issues discussed at this event on page 2.

The AGM allowed license holders to gather to talk about the highlights of the year, while reviewing finances, registration, complaints & allegations and other year-end information.

Much of the content of the meeting was based on our Annual Report for 2017, which can be found [here](#).

A key highlight of the meeting was the announcement of the 2018-2019 PEGNL Board of Directors. The ending of several terms resulted in two new directors (one elected and one appointed), as well as succession in the Chair role. The new Board composition can be found [here](#).

Prior to these events, PEGNL held its Annual Awards Dinner on June 7. An overview of the event, along with photos and recipient information can be seen on page 3.

We hope you enjoy this issue of illuminate!

The Issues of the Day: PEGNL 2018 Professional Development Event

On June 8, PEGNL hosted its annual Professional Development Event in St. John's.

While giving our license holders an opportunity to network and earn PD Hours, the event's largest benefit was discussing some of the important issues and tools for those in our professions.

Below, we go into a little more depth on our event sessions and panels and discuss why they are important to PEGNL and our license holders—and why we will continue to talk about them in the future.

Secondary Professional Liability Insurance

SPLI is included with licensure at PEGNL, and the benefits are considerable. Copyright infringement, whistleblower and mentoring coverage are some of the lesser-known features of the insurance we all have. It is beneficial for all license holders to know how this insurance can work for them.

Learn more [HERE](#).

Why Published Standards May Not Be Enough

Our [last issue of illuminate](#) featured an article on working beyond codes and due diligence. The world is changing, and environmental and cultural concerns are at the forefront of the world's issues.

Working ethically now means license holders may need to take such factors into account prior to planning a project.

Failing Infrastructure: What Do We Fix First?

Public infrastructure is a visible product of work that our license holders take part in. As a result, it is easy for people to see the importance of engineering when this infrastructure begins to fail.

The considerations surrounding priority for repair and replacement, along with the need for smarter, more innovative planning, are incredibly important for our professions going forward.

Digital Signatures

Each generation, the reliance on and usefulness of technology for our daily lives seems to increase exponentially. Thus it is important for us to educate license holders on the technological advancements that could help, or even become necessary for, their careers.

Information on our digital signature technology partner, Notarius, can be found [here](#).

Gender Diversity in Engineering and Geoscience

Gender diversity—as well as other forms of diversity—are an important part of PEGNL's plan. The protection of the public is best served by a set of varying viewpoints and backgrounds so to ensure an optimal future for everyone.

Increasing this diversity is a practice we can all be part of, and PEGNL looks forward to leading on this front wherever it can.

Innovative and Exciting Technologies Made Right Here

Newfoundland and Labrador holds some of the brightest minds our professions have to offer. It is important to recognize and celebrate the talents and innovations of our local engineers and geoscientists.

The future of the professions relies on building a strong future workforce. By recognizing and promoting local ideas, we can help show the next generations that they too can achieve greatness in these fields in the own back yard.

In Pictures: PEGNL 2018 Awards Dinner

PEGNL hosted its Annual Awards Gala at The Sheraton Hotel in St. Johns on June 7.

The event saw PEGNL honour 10 recipients who have all contributed to the advancement and professionalism of engineering and geoscience in Newfoundland and Labrador.



▲ Kim Keating, P. Eng., accepts the *Community Service Award*.

“One of the most important yet simplest ways to inspire good work and ethical practice in others is to reward such work when you see it happening,” says Emberley. “These awards are a fine way for PEGNL, practitioners and the general public to encourage meaningful work of the highest standards.

In addition, Jeremy Hall, P. Geo., received a Geoscience Canada award for his seismological research, public-spirited service and career achievements.

If you are interested in learning more about previous winners and award descriptions, please click [HERE](#).

Not Pictured: Dr. Weimin Huang, P. Eng. who received the Teaching Award, Michael Greene, P. Eng., who received the FEC designation and Jeremy Hall, recipient of Geoscientist Canada’s 2018 Canadian Professional Geoscientist Award.

PEGNL gives awards in seven categories which are decided by a volunteer committee of license holders.

In addition to PEGNL’s own awards, Engineers Canada and Geoscientists Canada also bestowed Fellowship (FEC and FGC respectively) on recipients during the ceremony.

The event was hosted by Gerard Dunphy, P. Eng., FEC, as one of his last official capacities as Chair of the PEGNL Board, who received thanks from PEGNL CEO Geoff Emberley during the event for his work throughout the year. The event was made even more special for Gerard as he was one of four individuals to receive the FEC designation that evening.

2018 was a special year for the awards ceremony as a wide array of representatives from other provincial and territorial regulators were in St. John’s for national meetings with Geoscientists Canada.

Dr. Ali Khan, P. Eng., (left) and Thomas Puestow, accept the *Environmental Award*. ▼



In Pictures: PEGNL 2018 Awards Dinner



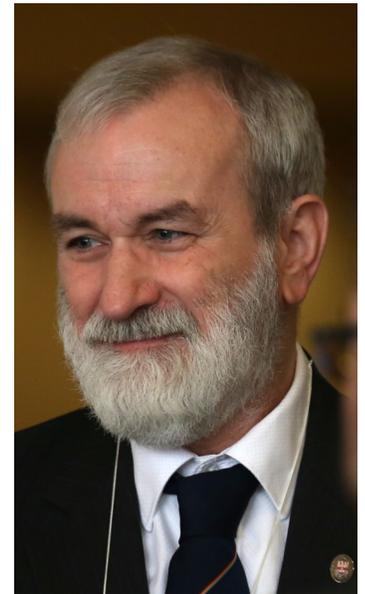
Dr. Dennis Peters, P. Eng., FEC (left) with the Award for Service. Dr. Richard Wright, P. Geo., accepts the Early Accomplishment Award.



Annette Bergeron, P. Eng., President of Engineers Canada presents William Maybee, P.Eng., with the FEC designation.



Dr. Glyn George received Honorary Membership



Earl Ludlow, P. Eng., (left photo) and Dawn Evans-Lamswood, P. Geo., (right photo, with Gerard Dunphy [left]), were both given the Award of Merit. The award is PEGNL's highest honour.

Jeff Card, P. Eng., FEC, (left) was awarded the Early Accomplishment Award. Dr. Andrew Kerr, P. Geo., (right) was given the Award for Service. Dr. Stephen Piercey, P. Geo., (center) was made an FGC.



Annette Bergeron, P. Eng., (left) President of Engineers Canada presents Kevina Willmott (right) with the FEC (Hon) designation.





in the news

Our news section gives us an opportunity to bring highlights of what is happening across the country and the globe in engineering and geoscience. As well, it provides an opportunity to recognize the contributions and achievements of our own license holders and the students of the province.

Local News

Frank Walsh, electrical engineering student at MUN, was a member of the winning team at San Francisco hackathon.

Read more [here](#).

Donnie Burden, P. Eng., Kamal Hossain, P. Eng., and Lynnann Winsor, P. Eng., were asked about the issue of asphalt paint and the lack of lines on our roads.

Story can be found [here](#).

The Faculty of Engineering and Applied Science at MUN conducted their third annual Research Day.

Click [here](#) to learn more.

Dr. Faisal Khan, P. Eng., was asked his thoughts on the recent explosion in Mount Pearl.

Story [here](#).

Mark Comeau and Matthew Lane, two recent interns at Tesla, were offered full-time jobs by Elon Musk.

Read more [here](#).

National & International News

In relation to the Climate Change and Published Standards topic discussed on page 2, recent flooding in New Brunswick suggests warning signs of a dramatic environmental shift.

Read more [here](#).

The University of Waterloo is the only Canadian participant for Ripple's University Blockchain Research Initiative

Read more [here](#).

A Canadian start-up is developing wearable technology that could prevent overdoses in drug users.

Click [here](#) to read more.

An engineering company in British Columbia has learned how to take carbon from the air to make fuel.

Read more [here](#).

UPDATE: NEGM Bridge Building Competition

In our March edition of illuminate, we told you about the 27th Annual Bridge Building Competition as part of PEGNL's National Engineering and Geoscience Month (NEGM) activities.

The challenge asks students in grades seven to nine to make a bridge out of popsicle sticks and white school glue. Students are provided with guidelines as to what makes a well-designed popsicle bridge.

The overall provincial winner of the event was Caleb Anstey who goes to Brookside Intermediate School in Portugal Cove-St. Philip's.

Caleb scored the most points overall for the competition, which included elements of design and load capacity.

Caleb's Bridge withstood a load of 1,753.64 kg, which is about the weight of a full-size sedan!

Caleb won a prize of his choice between \$500 or a Nintendo Switch.

Alexandra Tucker of Mary Simms All Grade placed second, while Kailey Kerrivan and Delanie Rideout of St. Kevin's high School placed third.

We look forward to next year!



Volunteers from Connections Labrador take part in the NEGM Bridge Building Competition.

PEGNL License Holder Survey

In March, PEGNL announced its license holder survey. The results from the survey will be used to develop programming and communication tools, as well as provide some insight around policies and procedures.

A total of 887 license holders participated in the survey, which was administered online.

One highlight from the survey was the identification of LinkedIn as a social media tool that PEGNL should utilize. 67% of respondents agreed that we should include it in our communication, more than double of any other response. We will be sure to include the tool and viable content in the near future.

In addition, the licensing of qualified persons to practice the professions received the most responses for PEGNL's effectiveness in its roles (89%), while promoting public confidence in the professions was lowest (57%).

Two thirds (66%) of respondents said PEGNL is doing an excellent or good role in fulfilling its mission, and 61% said they were satisfied with PEGNL overall.

We look forward to using this and other data to improve our operations and make key decisions on how we can help improve the public interests in relation to the professions of engineering and geoscience.