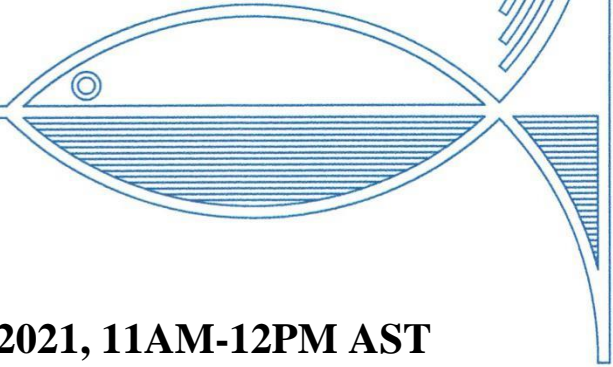


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ASHRAE

NB PEI CHAPTER



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President Elect:

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Vice-President:

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Golf Tournament Chair:

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Robert Hoadley (506) 459-3940

March 2022 Issue

NEXT MEETING

Tuesday March 8th, 2021, 11AM-12PM AST

Please join my meeting from your computer, tablet or smartphone.

<https://meet.goto.com/249003229>

PRESENTATION

Tuesday March 8th, 2022 12PM-1PM AST

Eventbrite Registration

<https://www.eventbrite.ca/e/ashrae-nbpei-march-presentation-iaq-and-healthy-buildings-tickets-288467001567>

TOPIC: IAQ and Cognitive Functioning in Healthy Buildings

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About the Presenter

Brian Monk is General Manager, responsible for Carrier Custom Air Handling Solutions, specializing in design of air treatment systems, including airborne contaminant control and dedicated outdoor air systems with energy recovery.

Mr. Monk is also an instructor for Carrier University's Sustainability Symposiums under the International Association for Continuing Education and Training (IACET) program which provides CEU Credit for Professional Engineering Licensure.

His academic background comprises of a college degree in Applied Science (Building Systems Engineering Technology) from Vanier College of Montreal and a Bachelor of Building Engineering from Concordia University of Montreal. He is a Registered Professional Engineer with the Province of Quebec, Canada.

Mr. Monk is an ASHRAE Distinguished Lecturer, and Part-Time Professor in the Faculty of Building Engineering at Vanier College. He is also a member of the IAQA (Indoor Air Quality Association) and a member of Carrier's Healthy Building Center of Excellence.

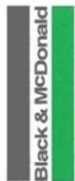




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January 2022 High-Performance Building Envelope Training

By John G. Willden, Chapter President

Starting on January 31st, NB Power held a free, 4 part, High-Performance Building Envelope Training Series, for the commercial construction sector in New Brunswick. The training was provided in English and French in separate events.

The program was delivered by Phillippe St-Jean a Commercial Building Construction Company owner who is also associated with Passive House Canada.

The course included these topics:

- Principles of high-performance building envelopes
- Insulation properties
- Wall assemblies for high-performance buildings
- Airtight envelope designs for different construction types used in Canada
- Suitable airtight building component connections
- Suitable airtight sealing methods for penetrations and challenges
- Definition of thermal bridges
- Understand various types of thermal bridges
- Learn how to avoid thermal bridges

I attended these sessions and was intrigued by the different approach that Passivhaus uses to attain Net-Zero or approach Net-Zero.

Philippe St-Jean




Marc Maillet
Project & Operations Manager

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January 11th 2022 Refrigerant Phase Outs/ Alternatives by Kevin Bregel – Trane - Chapter Membership Chair

Kevin presented a comprehensive view of refrigerants complete with examples and future expectations of refrigerant use and performance. It was filled with various future refrigerant properties like ozone depletion potential (ODP), global warming potential (GWP), flammability, pressure and glide.

Congratulations Kevin on a great presentation.

There is a recording available.
johnwillden@gmail.com





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Scholarship to Holland College

We are pleased to share with you that the recipient of the 2021/ 2022 NB/PEI Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) Award of \$1000 is Logan Dawson. Logan is from Tyne Valley, PE and is in the Heating, Ventilating, and Air Conditioning (HVAC) Technology program. Thank-you message:

Dear ASHRAE committee members

I am sincerely honoured to have been selected as the recipient of the NB/PEI Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Award.

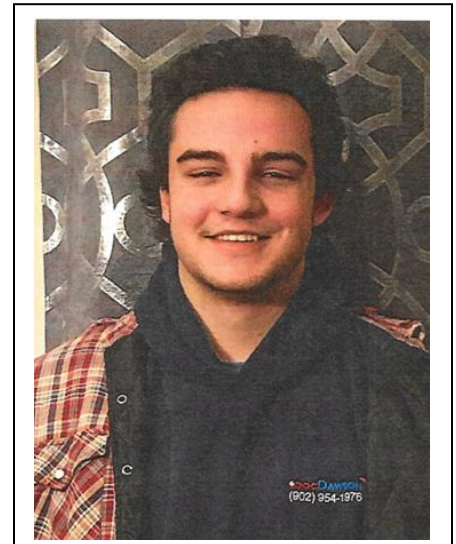
Thank you for your generosity, which has allowed me to focus more on my studies and not worry as much about money for this school year.

Upon graduation, I plan on registering as an apprentice with PEI so I can begin my apprenticeship so that one day I can get my Red Seal as an Air Conditioning mechanic and some day my ultimate goal is to start my own business in the field.

Thank you again for your continued generosity and the award.

Sincerely,

Logan Dawson



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8 February 2022 Tech Hour: Where Have All The Ethics Gone?

For February's presentation we posted a Video from ASHRAE Tech Hour Series on Ethics

<https://www.ashrae.org/professional-development/tech-hour-videos>

Each individual has a different approach to ethics, colored by their education, training, culture, trade, profession and nationality. Learn about the commercial and cross-discipline drivers which have a great effect on ethics and evaluate scenarios that challenge you to determine what's ethically right and what contravenes good ethical practice.

There are several links to Codes of Ethics and the PowerPoint that was used in the presentation.

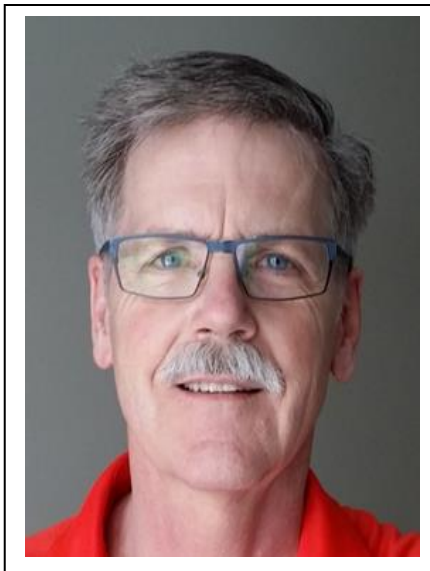
Note from the President

By John G. Willden, P.Eng, Chapter President

This month we are planning the future of the chapter in the form of candidates for the different positions. Many of the current volunteers have agreed to continue for another year which will help greatly with continuity. New volunteers will fill in the empty seats and have backup from those who have "done it before".

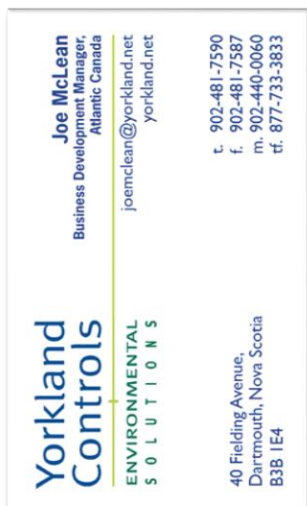
If there is a position that you would like to try and it is currently filled the incumbent may agree to step back and help you in your new role. There is a strong tradition of mentoring in the chapter.

Have a look through the chapter newsletter, The Herring Choker, for an idea of what we do and what chapter positions are available to volunteers.



One very important position is YEA chair which stands for Young Engineers in ASHRAE. It is intended to fill the familiarity gap between new young members and the older members.

To join in the Chapter Executive you need to be an ASHRAE member, be nominated or self-nominated and win any election that may be needed. In the 19 years I have been a member I have never seen a chapter election. Almost all the positions are filled by acclamation.



Terrance (Terry) Steeves

1942-2021

Terry Steeves died at the Albert House Hospice on December 28, 2021. He was predeceased by his parents Hubert and Dorothy.

Terry grew up in the North end of Moncton and in his younger years was very active in a number of organized sports.

He was an avid canoeist with his sons and was a Scout Leader and Adventure Leader for many years.



He graduated from Technical school with a degree in drafting and worked in the plumbing/ heating/mechanical trades with several Moncton businesses. He was also on the Board of the NB Construction Association for many years. He was and a president of the local ASHRAE chapter from 1977 to 1979 and was an active member in many ASHRAE meetings and events.

Our hearts go out to his wife and family.



MEET 2022 INNOVATION AWARDS

Program:

MEET is pleased to introduce the 'MEET Innovation Awards' as part of the 2022 edition of the show. The purpose of these awards is to recognize innovative products in the industry. Individuals and businesses are encouraged to nominate themselves or others by completing this online form no later than **Friday, April 1st, 2022**. Individuals and businesses can include additional information about the innovative product as an attachment. This form will be available through the MEET website, as well as, emailed out to exhibitors.

One award will be given out by each of MEET's Sponsoring Associations:

- ☐ **'ACME' Innovation Award** – presented by the Atlantic Canada Mechanical Exhibitors
- ☐ **'CIPH' Innovation Award** – presented by the Canadian Institute of Plumbing & Heating
- ☐ **'Electro-Federation Canada' Innovation Award** – presented by Electro-Federation Canada
- ☐ **'IES' Innovation Award** – presented by the Illuminating Engineering Society

Each association would have a committee to review submissions and choose a winner by April 15th. Winners will be recognized on social media the week before the show, and awards will be presented to the winners at their booths during the show, May 4-5.

TIMING:	
Week of February 14	Share program information with Committee
Week of February 28	Email Exhibitors information on program and nomination process with submission deadline of April 1
March 18 (two weeks)	Email reminder sent to exhibitors
March 28 (last week)	Email reminder sent to exhibitors
April 1	Deadline for submissions
April 4	Send nominations to association committees
April 15	Committees provide winners
Week of April 25	Winners announced on social media
May 4-5	Awards presented to winners at MEET show



NOMINATIONS NOW OPEN: 6th BIENNIAL MEET INNOVATION AWARDS!

MEET is pleased to present the 6th biennial 'MEET Innovation Awards' as part of the 2022 edition of the show. Help us recognize and showcase innovative products in the industry!

One award will be presented on behalf of each of the four sponsoring associations. Winners will be recognized at their booths during the show, and will also be featured:

- On the MEET Show social media pages;
- In a direct email to our database of past show visitors;
- On signage at the show

NEW FOR 2022: Online submission process!

Participation is easy. Simply visit:

<https://secure.masterpromotions.ca/MEETNom/>

SUBMISSION DEADLINE: FRIDAY, APRIL 1



Questions? Email info@mpltd.ca

MEETShow.ca | May 4-5, 2022

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