



May Newsletter

Upcoming Events • Society News and Updates • What You May Have Missed •
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UPCOMING EVENTS

May Meeting:

Growth just doesn't
happen, are you
being intentional?

Presented by: Karine Leblanc
Distinguished ASHRAE Lecturer

TOMORROW

Wednesday, May 19th
12:00pm - 1:15pm

Halifax Chapter Member: FREE
Other Region 2 Member: \$5
Non-Member: \$10

Zoom link for meeting is provided with registration confirmation
email; if no link is provided please
contact sandra@mcaconsultants.ca or peitraa.gant@trane.com.

Growth just doesn't happen; you need to be
intentional about it. Are you putting the work to be
the best version of yourself?

We are all born with incredible potential and
personal development is the tool to reach it. The

truth is that most people won't work on themselves because we are all driven by results and self-growth takes time.

It requires self-growth to discover your purpose, become a better human being, advance your career, be a better spouse/parent, reach your financial goals and enrich your soul. Are you putting the work to be the best version of yourself?

I will help you understand how personal growth works and help you become a more successful and accomplished person.

[Register Now](#)

SOCIETY NEWS

Annual Golf Tournament *Mark your calendars!*

Mark your calendars, the ASHRAE Halifax golf tournament is scheduled for Thursday, June 17th at the Chester Golf Club with a 9AM Shotgun Start.

Due to the Covid 19 restrictions we will be making a formal announcement at the end of May ensuring we follow the government guidelines at that time.

For now, please mark your calendars with the below calendar invitation. This will help you to save the date and help us to forecast the turnout.

Add event to calendar



Have a great day and be on the lookout for our announcement in the coming weeks!



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April Survey Draw Winner !

Each month, attendees of the ASHRAE Halifax monthly meetings are entered in a draw for a chance to win a \$50 gift card when they choose to complete the post meeting survey.

Congratulations to this month's winner, Matthew Peachman!

Join us for the May 17th meeting and have your kick at the can!

Registration Opens For Virtual 2021 ASHRAE Virtual Annual Conference

Featuring new and expanded offerings in current practices and updates on research, the 2021 ASHRAE Virtual Annual Conference will be held June 28-30, 2021. Registration is now open.

The conference will feature over 100 live and on-demand sessions with updates from Society leaders and virtual networking events. Technical sessions will address the latest information surrounding the COVID-19 pandemic, along with eight other tracks on various building systems topics. Attendees will hear updates from the ASHRAE Epidemic Task Force and the Task Force on Building Decarbonization.

Interactive Technical Panels and Forums will allow attendees to share their experiences and to ask questions. The conference will also include Roundtable Discussions and Meet Ups, Sponsor Technology Demonstrations, Research Summit and the opportunity to connect with sponsors in real time.

Downloads of conference proceedings are available, including technical papers, conference papers and extended abstracts. Professional development hours can be earned for all on-demand sessions and more than 35 live sessions upon successfully completing a short quiz. Registration includes access to all the technical content on-demand for 18 months.

To learn more and to register, visit ashrae.org/2021annual.



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WHAT YOU MAY HAVE MISSED

April Virtual Meeting

*IAQ and Cognitive Functioning in Healthy Buildings - Presented by
Brian Monk P.E.*

Another excellent presentation from another ASHRAE Distinguished Lecturer was provided at our monthly meeting this April. Brian Monk, P.E. delivered his talk titled "IAQ and Cognitive Functioning in Healthy Buildings" to a group of 22 ASHRAE Halifax members on Wednesday April 14th. Brian's presentation was nicely adapted to be relevant to the current COVID-19 Pandemic. The discussion focused on the use of the IAQ Procedure of ASHRAE 62.1 to control the concentrations of contaminants of concern through both dilution and enhanced air cleaning, rather than dilution alone. Particularly interesting were the connections between indoor air quality and the cognitive functioning of the occupants. Thank you Brian!

GoToMeeting REC 6 View Everyone 21 ENG 2021-04-14

Talking: Brian Monk

Healthy Building Design Trends 2020

2.2.6 Air Systems & Healthy Spaces

The team will conduct an in-depth review of potential mitigation strategies relating to MEP design throughout all design phases, in response to infections like COVID-19. Nevertheless, several design items we anticipate being required have been included as part of our current base of design, so the cost associated with these items can be captured.

The ventilation system shall be designed to achieve good indoor air quality (IAQ) by minimizing the pollutants in the air and by introducing proper amounts of clean fresh air in the space. Minimum ventilation air shall be designed to meet or exceed the ASHRAE 62.1 and IEQ ventilation requirements. In addition, the design team will implement these additional IAQ strategies:

- Polarized filtration - Provide electronic filters in all periphery AHUs, with a MERV 13 equivalent.
- Alternate A: UV lighting as treatment on return ductwork on all heat pumps serving public areas, with the intention to keep coils clean and prevent microbio/germinal growth.
- Alternate B: Incorporate Catalytic Oxidation Air Cleaner System into DOAS units.
- Locate outdoor air intakes away from sources of pollutants, vapors and dusts.
- Locate exhaust vents and flues away from windows and air intakes, particularly kitchen exhausts, and any vents associated with water treatment or life-type exhaust fans.
- Control moisture and condensation through the building envelope.
- Utilize pans or low VOC materials.

HEALTHYBUILDINGS

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65%

GoToMeeting REC 6 View Everyone 21 ENG 2021-04-14

Talking: Brian Monk

12:21 PM 2021-04-14

GoToMeeting REC 6 View Everyone 22 ENG 2021-04-14

Talking: Brian Monk

Balancing Risk in Re-Opening

THE 9 FOUNDATIONS OF A HEALTHY BUILDING

Business Impact

Effectiveness

High - Low

High - Low

Wear masks

Administrative controls

Engineering controls in spaces

Substitution of activities

Elimination of exposure

Densify workplaces, institute social distancing

Healthy buildings

Workers in critical jobs return

Work-from-home policies

HEALTHYBUILDINGS

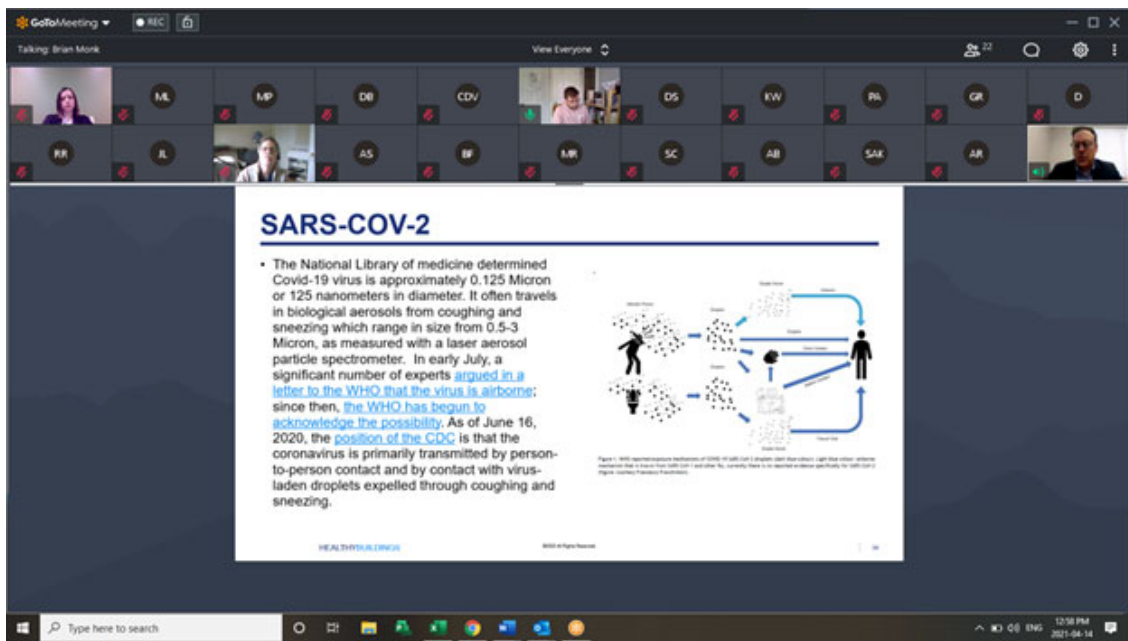
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Talking: Brian Monk

12:40 PM 2021-04-14





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On-site Sewage Disposal System Design Course

May 28th - ABLE Engineering Services Inc.
<https://engineersnovascotia.ca/events/view/?event.id=1363>

WasteEng2020 - Online

May 31st - June 4th - WasteEng
<http://www.wasteeng2020.org/>



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Engineers Canada 30 by 30 Virtual Conference 2021

June 2nd - June 23rd - Engineers Canada
<https://engineerscanada.ca/news-and-events/30-by-30-virtual-conference-2021>

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APEGA's Nexus Conference - Online

June 9th - 10th - APEGA Nexus
<https://www.apeganexus.ca/>

MEMBERSHIP



EASTPOINT

Welcome new ASHRAE Halifax member Alex K McCloskey!

ASHRAE Halifax is always welcoming new members. The professional community provided by local chapters is unparalleled in the HVAC Industry. Whether you're interested in networking, keeping up-to-date on new industry standards and technologies, or giving back to the community in which you work, ASHRAE Halifax is the group for you.

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Not a member yet? Contact our Membership Chair, [Chris Ruddick](#) for more information on the benefits of membership.

2020-21

SCHEDULE

DATE	THEME	TOPIC	PRESENTER	LOCATION
Sep 16	Student's Day	Aerosol Mitigation in Schools and Recreation	Kyle Hasenkox	Virtual
Oct 14	Refrigeration	An Introduction to Ammonia Refrigeration Systems	Douglas Reindl	Virtual
Nov 18	Past President's	Society President Visit - President's Address	ASHRAE President Chuck Gullledge	Virtual/In-Person
Dec 16	YEA	Millenials - How to Manage the Next Generation	Julia Keen - DL	Virtual
Jan 13	Students	Burj Khalifa - The Tallest Building in the World	Luke Leung	Virtual
Feb 10	Sustainability	Building EQ	David Underwood	Virtual
Mar 10	Engineering Month	Worst Practise in design and Operation	Richard Rooley	Virtual
Apr 14	TBD	IAQ and Cognitive Functioning in Healthy Buildings	Brian Monk	Virtual
May 19	TBD	Growth just doesn't happen, are you being intentional?	Karine Leblanc	Virtual
Jun 17	Golf Tournament	N/A	N/A	Chester Golf Club

*note that "TBD" means "we have something planned, but we're working on getting confirmations", not "we're holding out on you" or "we have absolutely no idea".



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