



**DATE:** Tuesday January 21<sup>st</sup>, 2024  
17:30 – 21:00 Hrs EST

**LOCATION:** Hellenic Event Centre  
1315 Prince of Wales Dr., Ottawa, ON K2C 1N2

**PROGRAM:** Designing for Northern, Remote and Arctic Communities

### January Meeting Agenda

- 4:30PM-5:30PM Tech Session: What is ASHRAE?  
Elizabeth Primeau, P.Eng.
- 5:30PM-6:30PM Social Hour
- 6:30PM-8:00PM Dinner – approximate timing
- 8:00PM-9:00PM Main Presentation  
Speaker: Niss Feiner, C.E.T., CHD

### Below prices for attendance (+ HST)

|                                    |         |                      |         |
|------------------------------------|---------|----------------------|---------|
| ASHRAE Associate/Affiliate/Member: | \$60.00 | ASHRAE Member Guest: | \$60.00 |
| ASHRAE Student:                    | \$35.00 | Non-Member:          | \$82.00 |

[Meeting 4 - January 21<sup>st</sup>, 2025](#)

# OVC January 2025 Meeting

## Tech Session: What is ASHRAE?

Elizabeth Primeau will discuss the history and development of ASHRAE. She will cover the current structure, vision, mission of the Society. She will also discuss the roles of the various volunteers at every level of ASHRAE.

**Elizabeth Primeau** is a Professional Engineer working as an outside salesperson with Total HVAC in Ottawa. Elizabeth studied mechanical engineering at the University of Ottawa and graduated in 2018. Elizabeth has held many roles with ASHRAE, including Student Activities Chair, CTTC Chair, Membership Promotion Chair, TC9.01 Webmaster and now, Regional Vice Chair for Student Activities for Region II. Her passion for ASHRAE started when she was Student Branch President and has developed through years of chapter and regional involvement. Elizabeth is working with Student Activities to encourage young kids to get involved in STEM and post-high students to consider HVAC as a career.

## Program: Designing for Northern, Remote and Arctic Communities

Extreme cold and wind, sparse infrastructure, and an average population density of 0.05 people per square kilometre means that Canada's northern territories face very unique challenges for building construction. In this presentation we will explore how climate, geography, logistics and culture all play a role in influencing the design of buildings in ways that are drastically different from southern urban areas.

## Presenter: Niss Feiner, C.E.T., CHD

Niss Feiner, C.E.T., CHD, is a dedicated mechanical designer with almost two decades of experience in the construction and engineering industry. As the Principal of Delta-T Designs Inc., Niss focuses on HVAC and plumbing design, with a particular interest in sustainable solutions for remote and Northern communities in Canada. Having completed courses in Northern Design at the University of Alaska, he is passionate about creating resilient systems that address the challenges of cold climates. Niss also shares his knowledge as a professor in the HVAC Technology Program at George Brown College in Toronto, On and serves as an instructor for HRAI, contributing to the ongoing development of HVAC design and education.



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|  <p><b>ROY SAMHABER, P. ENG.</b><br/>senior project manager</p> <p>P: 613 224 7500 x6158   P: 888 283 7267   F: 613 224 3726<br/>rsamhaber@ameresco.com   ameresco.ca<br/>Ameresco Canada Inc.<br/>106 Colonnade Rd N, Ste 200   Ottawa, ON K2E 7L5</p> | Green • Clean • Sustainable |  <p><b>Rishav Goel</b><br/>Account Executive, Sales<br/>Automated Logic - Canada, Ltd.</p> <p>Rishav.Goel@carrier.com<br/>T: (613) 599-7708<br/>M: (343) 549-9260<br/>88 Hines Road<br/>Ottawa, Ontario, CANADA<br/>K2K 2T8<br/>www.automatedlogic.com</p> <p>A Carrier Company</p> |  <p><b>Mark Csiffary P.Eng.</b><br/>President</p> <p>2470 Don Reid Drive<br/>Ottawa ON K1H 1E1<br/>mark@baxtec.com<br/>www.baxtec.com<br/>W: 613-738-7450 C: 613-229-8277</p> |
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# President's Message

Hello ASHRAE OVC,

Our last meeting of the year was held on November 19<sup>th</sup>, 2024, at the Hellenic Events Centre. The turnout was great, as was the presentation by Peter Washer, an Engineering Manager with HTS and especially knowledgeable on the topic of the evening; A2L refrigerants. Peter has given this presentation several times and still gets interesting questions from the audience. Tuesday night was no different and that goes to show that these meetings provide value to engineering professionals, so if you haven't done so yet, go to our website to book your seat in January's meeting, whose topic will revolve around designing for the Arctic environment.

We had tabletop presentations from Mitsubishi Electric and Master Group. Thank you to those organizations for increasing awareness of their solutions to our membership. We encourage all that have a compelling product to book a tabletop display through our website. The exposure to potential clients and the arming of our members with one more tool on their belt is a true win-win proposition.

Research Promotion Committee handed out recognition gifts for RP donors. On behalf of the RP Committee, thank you to everyone that donated last year. ASHRAE Canada looks forward to and appreciates your continued support.

Finally, I would like to thank the Executive, the Board of Governors, Committee Chairs, and co-chairs for their tireless efforts to ensure a smooth year. The teamwork that goes on behind the scenes is the heart of the Chapter and is what enables us to provide value to our members. We had a great volunteers' end of year lunch on December 6th at Vittoria Trattoria restaurant off Riverside Drive. Thank you to all who made it a success.

Happy Holidays and see you in 2025!

Evans Mutua  
2024-2025 ASHRAE OVC President



**President  
Evans Mutua**  
2024-2025  
OVC President  
**City of Ottawa**

**E-mail:** [c015@ashrae.net](mailto:c015@ashrae.net)

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| <p><b>BELIMO</b><br/>Belimo Aircontrols (CAN), Inc.<br/>5845 Kennedy Road<br/>Mississauga, ON L4Z 2G3<br/>Direct: +1 905-712-2046<br/>Cell: +1 902-222-8599<br/>Fax: +1 905-712-3124<br/>gordon.inkpen@ca.belimo.com<br/>www.belimo.ca</p> <p><b>Gordon Inkpen</b><br/>District Sales Manager - Eastern<br/>Canada, Atlantic &amp; Ottawa</p> | <p><b>ENGINEERING<br/>PERFORMANCE...</b></p> <p>... mechanical, electrical,<br/>building automation, environmental, ...</p> <p><b>bpa</b><br/>advanced sustainable<br/>building systems</p> <p>Patrick St-Onge, P. Eng. LEED AP   613-596-6454   bpa.ca<br/>1960 Robertson Road, Suite 100, Ottawa, Ontario, K2H 5B9</p> | <p><b>ERIC MONTAMBEAULT</b><br/>President / CTO</p> <p> <a href="mailto:eric@controlsdepot.com">eric@controlsdepot.com</a></p> <p> 2-5509 Canotek<br/>Ottawa, ON K1J 9J8</p> <p> 1-877-221-1477</p> <p> <a href="http://www.controlsdepot.com">www.controlsdepot.com</a><br/>Beyond Building Technologies</p> |
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# What You Missed

On the 19<sup>th</sup> of November 2024, the ASHRAE Ottawa Valley Chapter held its third meeting of the year at the Hellenic Event Center, located at 1315 Prince of Wales Dr., Ottawa, ON K2C 1N2. The event saw a total attendance of 60 participants, including 50 members, 4 guests, and 6 students.

The evening began with a lively social hour followed by a buffet dinner, featuring spring mix salad, bread loaves, rice pilaf, mixed vegetables, chicken and pork souvlaki, hummus, tzatziki, caramel chocolate fudge cake squares, and pistachio blondies.

During the business session, President Evans Mutua acknowledged the Algonquin Nation and introduced the Executive and Board of Governors. Membership Promotion Chair Bhavneet Singh welcomed new members and thanked sponsors. Student Branch President of Carleton University Tejas Kokatnur, on behalf of Student Activities Chair Brodie Hobson, welcomed all our new student members. President-Elect and RP Chair Jayson Bursill provided updates on the Bowling Social event and announced the winner, Ainsworth. Jayson discussed Research Promotion efforts, explaining fund allocation and how to support. Don spoke about the 2025 IEQ Conference in Montreal. Program Chair David Eckel highlighted the ASHRAE tech awards and certification programs. Jayson handed out tokens of appreciation to major donors and thanked O'Dell for donating the night's raffle prize—tickets to a Senators' game, won by Bhavneet Singh.

The evening program featured a presentation by **Peter Washer** on the "Safe Design and Implementation of HVAC Systems with A2L Refrigerants". Peter began with a historical overview of refrigerants, followed by a discussion on the Ozone-depleting Substances and Halocarbon Alternatives Regulations (ODSHAR, SOR/2016-137) and the latest regulatory changes under the AIM Act. He compared the Global Warming Potential (GWP) of common refrigerants, focusing on A2L refrigerants and their lower flammability and toxicity. Peter explained refrigerant classifications and detailed the characteristics and benefits of A2L refrigerants. He reviewed products utilizing A2L refrigerants, comparing their efficiency and capacity with traditional refrigerants in various systems, including scroll, screw, and centrifugal compressors. Peter discussed building-level compliance, the concept of Equivalent Design Ventilation Charge (EDVC), and acceptable levels of refrigerant release in case of leaks. He covered occupancy classifications and the specific considerations for each scenario, differentiated between indirect and direct systems, and went over the probability of leaks, refrigerant limits, and methods for detection and mitigation. Finally, Peter elaborated on refrigerant certifications, specifically CSA C22.2 No. 60335-2-40, and provided numerical examples of applications using A2L refrigerants, including decentralized water source heat pumps in public corridors, rooftop multi-zone systems, industrial warehouse rooftop units, indoor modular chillers, and indoor centrifugal chillers.

The meeting adjourned at 21:05. Stay tuned for more updates and see you at the next meeting which will be held on January 21<sup>st</sup>, 2025!



**Secretary**  
**Trevor Thomson**  
2024-2025  
OVC Secretary  
**Total HVAC Inc.**

**E-mail:** [c015sec@ashrae.net](mailto:c015sec@ashrae.net)



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|  <p><b>Brevin MacKay</b><br/>Engineering Sales / Account Manager<br/>Gorski, Plener and Associates (GPA inc)<br/>Ottawa, ON</p> <p>Direct: (613) 218-9686<br/>Office: (343) 488-3000<br/>Email: <a href="mailto:bmackay@gpainc.ca">bmackay@gpainc.ca</a></p>  |  <p><b>Francis W.A. Bann, P. Eng.</b><br/><b>Director</b></p> <p>P. (613) 229-0445<br/>E. <a href="mailto:fbann@gwal.com">fbann@gwal.com</a><br/><a href="http://www.gwal.com">www.gwal.com</a><br/>Ottawa, ON</p>  | <p><b>Rod Lancefield P.Eng. LEED® AP</b><br/>Engineering Sales<br/><a href="mailto:rod.lancefield@hts.com">rod.lancefield@hts.com</a><br/>C 613.851.1997</p> <p><b>HTS Ottawa</b><br/>830 Campbell Avenue<br/>Ottawa, Ontario K2A 2C2<br/>T 416.661.3400 Ext. 2803<br/>F 613.728.8032<br/>Toll Free 1.800.850.0567<br/><a href="http://hts.com/ontario">hts.com/ontario</a></p>   |
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# News Update

## 2025 ASHRAE Winter Conference Technical Program To Feature AI, IoT, Climate Technology and More

The technical program is now available for the [2025 ASHRAE Winter Conference](#) taking place February 8-12<sup>th</sup>, 2025, in Orlando, Florida. The full conference schedule is available online and in the ASHRAE 365 app.

The event's more than 100 technical sessions will showcase on eight conference tracks will offer emerging approaches to building design, construction and operation.

"Our upcoming Winter Conference's technical program will explore strategies and best practices for leveraging emerging technologies to address critical challenges in the built environment," said 2024-25 ASHRAE President M. Dennis Knight, P.E., BEMP, Fellow Life Member ASHRAE. "With a record number of conference papers submitted, there's clear interest from scholars and experts eager to share their insights. This means attendees will benefit even more from the technical sessions and will gain valuable expertise in on trending topics such as integrating artificial intelligence, advanced building controls and decarbonization efforts, while continuing to build on core HVAC&R fundamentals and equipment research."

Find out more [here](#).



**Committee Chair**  
**Elikem Wotortsi**  
2024-2025 OVC  
CTTC  
**Stantec**

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# ASHRAE Tech Awards

The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. Their designs incorporate ASHRAE standards for effective energy management and IAQ. Projects are categorized as shown, and winners in each category are selected at the Chapter, Region, and Society levels. At the Society level, System Performance is proven through one year's actual, verifiable operating data.

**The deadline for applying at the Chapter level is FEBRUARY 28<sup>th</sup>, 2025.**

For more information, visit [www.ashrae.org/technologyawards](http://www.ashrae.org/technologyawards) or reach out to Elikem Wotortsi (CTTC Chair), David Eckel (CTTC Co-Chair), or Josh Bourbonniere (CTTC BOG Rep).

- Commercial Buildings (New, Existing, Existing Building Commissioning)
- Institutional Buildings (New, Existing, Existing Building Commissioning)
- Health Care Facilities (New, Existing, Existing Building Commissioning)
- Industrial Facilities or Processes (New, Existing, Existing Building Commissioning)
- Public Assembly (New, Existing, Existing Building Commissioning)
- Residential (New, Existing, Existing Building Commissioning)



**Committee Chair**  
**Elikem Wotortsi**  
2024-2025 OVC  
CTTC  
**Stantec**

E-mail: [c015cttc@ashrae.net](mailto:c015cttc@ashrae.net)

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| <br><b>Jim Evenson</b><br>P.Eng., ing., LEED AP<br>Senior Associate; Chief Mechanical Engineer   |  |
| <a href="mailto:jevenson@jrichards.ca">jevenson@jrichards.ca</a><br>T: 343-804-4385<br>C: 613-222-7209<br><a href="http://www.jrichards.ca">www.jrichards.ca</a> | J.L. Richards & Associates Limited<br>343 Preston Street<br>Tower II, Suite 1000<br>Ottawa Ontario K1S 1N4 |

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| <b>Jp2g Consultants Inc.</b><br>Mark MacIsaac, P.Eng.<br>Mechanical Team Lead   |  |
| 1150 Morrison Drive, Suite 410<br>Ottawa, ON K2H 8S9<br>Cell: 613.697.4721<br>Email: <a href="mailto:MarkM@jp2g.com">MarkM@jp2g.com</a> |  |

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|---|
| <br><b>Chris Harrison</b><br>President  |
| <a href="mailto:chhsh@longhill.ca">chhsh@longhill.ca</a><br>Phone and cell option 613-226-3856 ext. 24<br>Fax: 613-226-2715<br>124 Fleas Rd., Ottawa, Ontario K0A 1L0<br><a href="http://www.longhill.ca">www.longhill.ca</a><br>The Energy Conservation People |

# Membership Promotion

Hello OVC!

I am excited to see another great month of new members joining our chapter. I would like to welcome the following new members:

- Ahmed Dau
- Athier Al-Shiekhly
- Chang Shu
- Daniel Vivian
- Jeremy RT Nesbitt
- Jordan Sommerville
- Karn Vipulkumar Kavathia
- Morgan Greenwell
- Terry Prentice

## Welcome to the Chapter!

Our monthly meetings will resume in January. I am hoping to meet our new members along with the existing members in the new year. I also want to mention that we are always looking for feedback on what more we can offer or what we can do differently to give our members the best value for their membership. If you have any ideas or feedback, please feel free to reach out to me.



**Committee Chair**  
**Bhavneet Singh**  
2024-2025 OVC  
Membership Promotion  
**Total HVAC Inc.**

E-mail: [c015mem@ashrae.net](mailto:c015mem@ashrae.net)

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## YEA

Thanks to all the YEA members who applied to be a mentor in the OVC YEA-SA 2025 mentorship program! We will be matching up mentors and mentees in the coming weeks so meetings can begin in January. If you've signed up to the program keep an eye on your inbox for more information. If you're new to OVC and want to be a mentor please apply using [this form](#) ASAP!



**Committee Chair**  
**Sarah Brown**  
2024-2025 OVC  
YEA  
**Carleton University**

E-mail: [c015YEA@ashrae.net](mailto:c015YEA@ashrae.net)

On a separate note, if you're heading to the ASHRAE Winter 2025 Conference in February please consider applying to the [ASHRAE Connect shadowing program](#). The conference shadowing program provides an ideal opportunity for YEA members to gain first-hand experience by following seasoned ASHRAE professionals through committee meetings and events. This program helps YEA members build connections, understand ASHRAE's inner workings, and actively participate in industry-shaping discussions. **Applications to this program close on January 15<sup>th</sup>, 2025** so apply soon if you're interested!

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|  <p><b>Master</b><br/>HEATING   VENTILATION   AIR CONDITIONING<br/>REFRIGERATION   HYDRONICS</p> <p><b>Andrew Allen Brown, P.Eng</b><br/>Commercial &amp; Industrial Sales Engineer<br/><a href="mailto:aabrown@master.ca">aabrown@master.ca</a></p> <p>T 613-829-2816 x41104<br/>C 613-262-6504<br/>1 866 429-1977</p> <p>The Master Group<br/>25h Northside Rd<br/>Nepean, ON K2H 8S1</p> <p><b>MASTER.CA</b></p> |  <p><b>McKee Engineering</b></p> <p><b>Sylvain Chenier, P. Eng., ing.</b><br/>Associate Partner – Mechanical<br/><a href="mailto:Sylvain.Chenier@mckeeottawa.ca">Sylvain.Chenier@mckeeottawa.ca</a></p> <p>1785 Woodward Drive<br/>Ottawa, ON K2C 0P9<br/>CANADA<br/>Tel.: (613) 723-9585 x128<br/>Fax.: (613) 723-9584<br/><a href="http://www.mckeeottawa.ca">www.mckeeottawa.ca</a></p> |  <p><b>O'DELL ASSOCIATES INC.</b></p> <p><b>Joe Della Valle, C.E.T.</b><br/>Manager, Mechanical Sales &amp; Engineering<br/><a href="mailto:jdellavalle@odellassoc.com">jdellavalle@odellassoc.com</a></p> <p>Cell: 613-897-6604<br/>Tel: 613-366-2017 ext. 654</p> <p>24 Gurdwara Rd.<br/>Nepean, ON K2E 8B5</p> <p><a href="http://www.odellassoc.com">www.odellassoc.com</a></p> |
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# ASHRAE Curling Bonspiel

The **ASHRAE Annual Curling Bonspiel** is returning in **2025!** It will be held once again at the Nepean Sportsplex on Friday, January 31<sup>st</sup>, 2025.

**Registration Link:** [here](#)

**Registration Deadline:** Friday, January 10<sup>th</sup>, 2025.

We are looking for up to 20 teams (4 players per team). The price per team is 500\$. There will be practice ice available between 11:00AM-11:45AM with the first rock of the Bonspiel being thrown at 12:00PM.

Lunch options will be made available on site and will be defined at a later date. Dinner will follow at approximately 6:00 pm at the Richmond Room on Site. There will be a raffle draw and other funding activities, so please bring cash to participate! Raffle tickets are 1 for 5\$ and 3 for 10\$. If you have any prizes that you'd like to donate, please reach out directly to Mitchell. Alternatively, you can attend the dinner only for 90\$. For food allergies, dietary restrictions, any other questions, please contact Committee Chair Mitchell Geis at 613-714-6588 or [Mitchell.geis@condair.com](mailto:Mitchell.geis@condair.com) (email preferred).

We look forward to seeing everyone at the event once again next year!



**Committee Chair**  
**Mitchell Geis**  
2024-2025 OVC  
Curling Event  
**Condair Ltd.**

**E-mail:** [Mitchell.geis@Condair.com](mailto:Mitchell.geis@Condair.com)

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# ASHRAE Bowling Event

Thanks again to all who were able to join us for another successful ASHRAE OVC Bowling Social this past month! Congratulations to the winners, **Ainsworth!** Having defended their title for another year. Honourable mention to both Pro-Eng and Condair for their 2<sup>nd</sup> and 3<sup>rd</sup> place scores!

**1st:** Ainsworth - 614

**2nd:** Pro-Eng - 596

**3rd:** Condair - 507

Trophy with plaque will be presented in the new year at the January OVC meeting!

Thanks again to all who participated.



**Governor**  
**Marlee Spiegelberg**  
2024-2025 OVC  
Bowling Event  
**Condair Ltd.**

**E-mail:** [c015cc@ashrae.net](mailto:c015cc@ashrae.net)



See you in the New Year!

# Resource Promotion

I'd like to thank everyone for attending the November meeting at the Hellenic Event Centre. The event was well attended, and we managed to raise \$260 towards ASHRAE Resource Promotion. Thank you to O'Dell HVAC Group for donating the raffle prize: 4 tickets to the Ottawa Senators vs. New York Islanders NHL game. Congratulations to our lucky winner for the night, Bhavneet Singh!



**President-Elect**  
**Jayson Bursill**  
 2024-2025 OVC  
 Resource Promotion  
 Committee  
**Delta Controls Inc.**

E-mail: [c015rp@ashrae.net](mailto:c015rp@ashrae.net)

We continue to post our donors on the website, in the newsletter, and at both the registration table and coffee table at the program meetings.

You can donate through any of the links below – don't miss out!

**GOAL: \$34,300**

In case your membership is up for renewal, it is highly recommended to make the donation at the same time as you renew your membership as this is the quickest way to do it. You may also donate by sending a check, payable to ASHRAE Ottawa Valley Chapter to this address or contact me to pick it up from you:

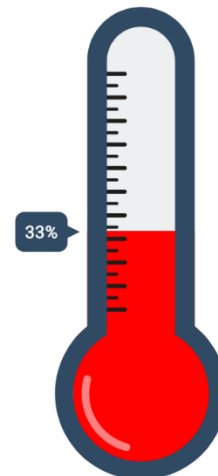
**P.O. Box 21088**  
**1166 Bank St**  
**Ottawa, ON K1S 3X7**

Do not hesitate to contact me with any questions:

Jayson Bursill ([c015rp@ashrae.net](mailto:c015rp@ashrae.net))  
 ASHRAE OVC Resource Promotion Chair 2024-2025

Thank you for your continued support!

ASHRAE Society link: <https://www.ashrae.org/about/invest-in-the-rp-campaign>  
 ASHRAE OVC link: <https://ashraeottawa.simplesignup.ca/en/14226/index.php?m=eventSummary>



| <b>ASHRAE Partner</b><br>\$5,000 - \$9,999  | <b>ASHRAE Associate</b><br>\$2,500 - \$ 4,999    | <b>Major Donor Silver</b><br>\$1,000 - \$2,499   |
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|   | Total HVAC Inc.                                  | Mastron<br>ProEng Consulting Inc.  |
| <b>Major Donor Bronze</b><br>\$500 - \$999  | <b>Major Donor Antique</b><br>\$250 - \$499      | <b>Honor Roll Individuals</b><br>\$100 - \$249   |
| Joel Primeau  | Lan Chi Nguyen Weekes<br>Trane<br>Trevor Thomson | Adrienne Mitani<br>Evans Mutua<br>Jayson Bursill<br>Josh Bourbonniere<br>Matt Moore<br>Michael Swayne<br>Steve Moons |
| <b>Special Thanks to the following donors for their contribution:</b><br>David Fanset |  |  |



# Student Activities

The Student Activities Committee is pleased to welcome the new Student Members who have joined since the last communique.

The Student Activities Committee, in co-operation with the Young Engineers in ASHRAE (YEA) Committee, is excited to announce the **OVC YEA-SA 2025 Mentorship Program!** Student Members have expressed an interest in receiving mentorship from early-career OVC members and we're going to make that happen. As a mentee, Student Members will be paired with a different YEA mentor every month from January-June 2025. Mentees will have a 45-minute meeting with their mentor each month. This is a great opportunity for Student Members to grow their network and learn from young professionals who have recent experience entering their field of interest! Student Members interested in participating are invited to fill out [this form](#) to help us pair mentors with mentees. The **deadline** to apply is **November 30<sup>th</sup>, 2024**. Please reach out to the YEA or SA Chairs if you have any questions.



**Committee Chair**  
**Brodie Hobson**  
2024-2025 OVC  
Student Activities  
Committee  
**Carleton University**

**E-mail:** [c015sa@ashrae.net](mailto:c015sa@ashrae.net)

## Students In Action

The Carleton ASHRAE Student Branch hosted YEA Member [Spencer Diagle](#) (Trane Technologies), who delivered an engaging, friendly talk about his career journey. Thank you, Spencer, for donating your time and energy to student-related activities in the Ottawa Valley! You can read about this and more on the Carleton ASHRAE Student Branch's freshly launched [LinkedIn page](#). Be sure to follow them – and the [uOttawa ASHRAE Student Branch](#) – for all updates pertaining to ASHRAE-related activities at our local educational institutions!




## Scholarships & Fundraising

A huge thank you to members who have or continue to [sponsor student attendance](#) at Chapter meetings. Sponsors at the last meeting include [Trevor Thomson](#) (Total HVAC) and [Adrienne Mitani](#) (Smith + Andersen). We encourage Members with the means to do so to do the same to help welcome as many Student Members as possible to our meetings. These meetings present a fantastic learning and networking opportunity for Student Members who are new to – and the future of – our industry. Your generous support is greatly appreciated.

We are continuing our fundraising initiative to purchase copies of "[Lucy's Engineering Adventure](#)" to donate to local schools and libraries on behalf of the Chapter. We are grateful for any and all [support](#) for this effort.

## Recruitment

Finally, if you or anyone you know is interested in becoming a Student Member of ASHRAE, please sign-up through the [ASHRAE website](#) or reach out to the Student Activities Chair. Student Members receive discounts on membership fees, conference and event registration, have access to student-oriented program at the Society, Chapter, and Branch levels, and can take advantage of the [SmartStart](#) program for reduced membership fees after graduation.

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|  <p><b>Stéphan Riffault, P.Eng.</b><br/>Branch Manager</p> <p>2310, St-Laurent Blvd., Unit 203<br/>Ottawa (Ontario) K1G 5H9<br/>613 565-2129, ext. 2128<br/><a href="mailto:sriffault@regulvar.com">sriffault@regulvar.com</a><br/><a href="http://www.regulvar.com">www.regulvar.com</a></p> |  <p><b>Elaine Guenette</b> P.Eng., LEED AP<br/>Principal</p> <p><b>E</b> <a href="mailto:Elaine.Guenette@smithandandersen.com">Elaine.Guenette@smithandandersen.com</a><br/><b>D</b> 6136911853<br/><b>M</b> 3439612244</p> <p>530 - 1600 Carling Ave., Ottawa ON, K1Z 1G3   T 613 230 1186</p> | <p><b>David Yin</b> P.Eng., LEED AP<br/>Principal, Buildings<br/>Senior Mechanical Engineer</p> <p>300-1331 Clyde Avenue<br/>Ottawa ON K2C 3G4</p> <p><a href="mailto:david.yin@stantec.com">david.yin@stantec.com</a><br/>Direct: 613-725-5573<br/>Mobile: 613-323-4964<br/>Fax: 613-722-2799</p>  |
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# Government Affairs

The Government Affairs committee's goal is to educate local, provincial, and national governments about ASHRAE and the expertise of our industry and ASHRAE as a whole. We are not lobbyists, but are trying to position ASHRAE as non-commercialized industry experts.

## Ottawa



**Committee  
Chair**  
**Ghina Annan**  
2024-2025  
OVC GAC  
**Stantec**

**E-mail:** [c015gac@ashrae.net](mailto:c015gac@ashrae.net)

## Committee approves investments to reduce greenhouse gas emissions and build climate resiliency

On November 19<sup>th</sup>, the City's Environment and Climate Change Committee approved its portion of [Draft Budget 2025](#), including key investments to reduce greenhouse gas emissions and build climate resiliency. This budget also supports core services that residents rely on every day, such as water services and waste collection.

The City would also invest in growing Ottawa's tree canopy. This includes two new programs. A new Private Land Tree-Planting Program would distribute trees across the city and provide full-service tree planting in priority areas, free of charge. This program would increase tree planting while enhancing public education and awareness of urban forest stewardship. The City would also invest \$500,000 to initiate new proactive tree replacements in the right of way. Staff continue to identify and target priority areas for tree planting across Ottawa, ensuring more equitable access to the health, economic and environmental benefits of urban forests while planting trees where they are needed most.

The City would commit \$6 million annually to implement the Climate Change Master Plan, supporting efforts to reduce greenhouse gas emissions and enhance climate resiliency. A total of \$347 million is allocated to initiatives reducing GHG emissions and over \$22 million is allocated to enhance Ottawa's climate resilience.

Investments that will strengthen Ottawa's resilience to climate impacts include:

- \$14 million for tree and forest maintenance and \$1.9 million for tree planting
- \$2.8 million in energy-management investments
- \$2 million for natural-area acquisitions, including funds to secure and conserve important greenspaces and environmental lands

The draft budget commits \$361 million in capital investments towards the City's drinking water, wastewater and stormwater infrastructure, including:

- \$224.6 million investment in wastewater for growth and asset renewal, including \$157 million in projects at the Robert O. Pickard Environmental Centre
- \$85.6 million to ensure a continued supply of quality drinking water, including renewal of water purification plants
- \$33.8 million for stormwater services
- \$17 million for integrated water and sewer projects

The City continues to invest in sustainable waste management by adding \$37.1 million in investments, including:

- \$19 million for capital construction at the Trail Waste Facility landfill
- \$2.3 million for Solid Waste Master Plan initiatives
- \$1.5 million for continued enhanced waste-diversion efforts, including at City parks

The Committee's Draft Budget 2025 will rise to Council for final consideration on Wednesday, December 11<sup>th</sup>.

## Worldwide

### ASHRAE President Knight Meets with Governor of Tennessee

ASHRAE President Dennis Knight met with Governor Bill Lee of Tennessee to discuss issues facing the HVAC-R and engineering industries, with a strong focus on workforce. Governor Lee, a mechanical engineer who served as President and CEO of his family's engineering and facilities company from 1992 to 2016, has made workforce development a central issue to his governorship. Among other topics, President Knight and Governor Lee discussed new and existing mechanisms for funding HVAC training, policy recommendations to stimulate the HVAC workforce, and active ASHRAE student branches at community colleges in Tennessee.

### ASHRAE Submits Response to U.S. Department of Energy RFI on Data Centers

On November 7<sup>th</sup>, ASHRAE sent a response to the U.S. Department of Energy's (DOE's) Office of Critical and Emerging Technologies. DOE had issued a Notice of Request for Information on the Frontiers in AI for Science, Security, and Technology Initiative, requesting input on the ways in which DOE and its 17 national laboratories can leverage existing assets to provide a national artificial intelligence (AI) capability for the public interest. ASHRAE's response included an overview of the standards and committees related to data centers, including Standard 90.4-2022, Energy Standard for Data Centers, ANSI/ASHRAE Standard 127-2020, Method of Testing for Rating Air-Conditioning Units for Data Centers, and Technical Committee 9.9, Mission Critical Facilities, Data Centers, Technology Spaces and Electronic Equipment. ASHRAE's full response to the Request for Information can be found [here](#).

### ASHRAE Signs onto Letter to Congress in Support of Robust Funding for DOE Energy Efficiency Programs

ASHRAE signed onto a [letter](#) to the congressional appropriations subcommittees with jurisdiction over the U.S. Department of Energy (DOE) in support of robust funding for DOE's energy efficiency programs. On August 1<sup>st</sup>, the U.S. Senate Appropriations Committee unanimously approved funding for energy and water development for fiscal year 2025 (FY25), which began on October 1<sup>st</sup>. The letter supports funding levels unanimously approved by the U.S. Senate Appropriations Committee and urges against actions or efforts to weaken implementation of energy efficiency programs. Current funding was extended until December 20<sup>th</sup>, 2024, through a continuing resolution. The letter relates to funding provided for the remainder of FY25 and will be submitted to Senate and House Appropriations Committee leadership.

### ASHRAE at COP29: Leveraging US-Developed International Standards for Buildings and Construction to Achieve Clean Energy Goals and a Resilient Future

At the global climate conference which is being held in Baku, Azerbaijan this year, ASHRAE Presidential Member Jim Wolf participated in a panel entitled, "Leveraging U.S.-Developed International Standards for Buildings and Construction to Achieve Clean Energy Goals and a Resilient Future." The session, co-hosted by the International Code Council and the U.S. Green Building Council, was held on November 15<sup>th</sup> at 5:30 a.m. Eastern Time. The talk, part of the America Is All In Pavilion, featured speakers from the host organizations as well as international standards groups. They discussed the role of codes and standards as a climate change mitigation and resiliency building tool. A recording of the presentation can be found [here](#).

## Join Us

Are you interested in getting involved with Government Affairs committee? **Contact us to learn more!**

# Table-Top Presentations

If you're looking to communicate the value of your product, there is no better way than to invest in a tabletop at an upcoming ASHRAE OVC meeting. Highly attended and highly regarded, our monthly meetings can afford you the opportunity to display your new technologies to an eager group of HVAC/R engineers and contractors. If you wish to review the themes of each meeting to find an appropriate topic, please feel free to contact us. These meetings provide a captive audience in the industry and exposure to 40+ people.

We are currently reserving tabletop openings for this ASHRAE year.

Please contact Gilberto Joma ([Gilberto.Joma@totalhvac.com](mailto:Gilberto.Joma@totalhvac.com)) to secure yours today! Cost for a table-top is \$250 and spaces are filling up quickly, so book your table-top today!

Payment is to be made through the online system prior to the date reserved. Follow the link [here](#).

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## Mechanical Engineer - Associate

Mechanical - Ottawa, Ontario

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We are looking for a Mechanical Associate!

The HIDI Group is an employee owned, multi-disciplinary consultancy committed to delivering world-class solutions and unparalleled service. HIDI has grown to become a leading firm with over 150 employees nationally, with offices located in Toronto, Ottawa and Calgary. We offer a full suite of in-house building service expertise through eight integrated disciplines – Mechanical Design, Electrical Design, Plumbing Design, Lighting Design, Communications & Audiovisual (AV), Security & Risk, Commissioning and Energy Services.

HIDI's corporate reputation for providing high quality services with integrity has earned us the trust of our clients, and our people. When you join us, you will find an environment where open dialogue and innovative thinking are highly encouraged. We believe that challenging you with a diversity of assignments ensures that you can develop your skills and grow rapidly.

HIDI offers a balance of work and lifestyle, including flexible work arrangements, robust benefit package, and discounts on gym memberships, Group RSP programs, wellness programs, competitive salaries and bonus packages.

We start by Engaging You in our organization! If you are ready for a career with a dynamic organization, in an environment that fosters professional development and career advancement, you're ready for us!

### Role

The Associate is the day to day manager for all activities within the group, including all technical, scheduling, project management and personnel issues.

### Responsibilities

#### Business Development

- Build key customer relationships with new and existing clients.
- Work with staff from various departments to increase sales opportunities and maximize revenue.
- Manage existing clients to ensure ongoing satisfaction and retain business.
- Identify business opportunities, generate leads, and seek out partnerships.
- Attend general industry events.
- Work with Senior Management to determine organizational strategy and initiatives and execute strategy in the industry.
- Create Proposals and Fee Letters as requested by the Principal.

### **General Management**

- Successfully manage the group with limited supervision.
- Keep Principal apprised of any necessary information.
- Ensure that all direct reports are scheduling their workload appropriately, maximizing productive time and allowing all employees to meet management's expectations.
- Provide insightful and enthusiastic leadership, paying attention to employee morale and career aspirations.
- Complete performance reviews of all direct reports with Principal.
- Assist with interviewing new employees as requested.
- Work with the heads of all functional areas to solve inter-departmental problems.
- Train, motivate, and supervise all direct reports.
- Ensure company procedures are being followed by all Group personnel.

### **Production**

- Act as the first level of escalation for client and staff issues within the Group. Attend and participate in periodic Base Building Mechanical meetings if called upon by Principal.
- Ensure compliance with company procedures and design standards.
- Ensure that all projects within the Group are staying on track and on schedule.
- Ensure that the finished product (drawings, specifications, reports, etc.) meet the client's expectations, follow company standards, and are technically accurate and complete (i.e., be responsible for the production quality of your team).
- Facilitate coordination and communication within the Group to support smooth day-to-day operations.
- Inform Group members of any upcoming scheduling issues.
- Monitor Production Utilization & Efficiency for the Group, reporting any deficiencies to the Principal.
- Maintain projects overall financial health, including account receivable.
- Resource for all project management questions from Group members.
- Review the Production Report weekly with Principal.
- Technical resource for Group members.
- Undertake peer reviews.
- Act as Project Manager as required.

### **Skills & Qualifications**

- A Professional designation (P.Eng., C.E.T., RCDD)
- Experience in the Engineering Consulting industry considered an asset
- Knowledge of OBC, NFPA, ASHRAE and other relevant Codes and Standards
- Excellent time management and organizational skills
- Proficient with Microsoft Office and Engineering programs
- High level of integrity, confidentiality, and accountability

- Effective skills in project management, operations, budgeting, business process and productivity improvements
- Self-motivated, operates with a high degree of independence and can visualize possibilities and opportunities
- Strong understanding of business principles and systems for administration and management of projects and resources
- Builds strong relationships: listens and learns from peers and superiors to identify areas for collaboration, problem solving and personal development
- Ability to predict and understand technological trends and their effect on business or strategic
- Demonstrates customer focus: demonstrates sound judgment when key customer decisions need to be made in their area of responsibility, within their scope of accountability
- Proactively seeks opportunities for improvement of processes within own area of across other departments
- Aptitude and experience in adapting to, managing and facilitating change, willing to challenge the status quo
- Proven effective problem-solving and analytical ability; makes sound and timely decisions; able to timely identify key issues and/or complex situations and engage key stakeholders
- A well-defined sense of diplomacy, including solid negotiation, conflict resolution, and people management skills
- Strong interpersonal communication, and relationship management skills
- Knowledge of building services is an asset
- Experience with REVIT considered an asset
- Proficient in AutoCAD

*The HIDI Group is an equal opportunity employer and is committed to providing an inclusive workplace that is barrier-free and accessible employment practices in compliance Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act (AODA). If contacted for an employment opportunity, please advise Human Resources if you require an accommodation and we will work with you to meet your needs. Please note that due to the volume of applicants only those who will be considered for an interview will be contacted.*

Link: <https://hidi.bamboohr.com/careers/107>

# Advertising

Advertising career opportunities on the **ASHRAE Ottawa Valley Website** makes good business sense. We offer a unique way to reach technical professionals and make your ad dollars work hard for you.

To discuss your needs, contact one of our chapter officers, via our "This Year" page. Increase the impact of your advertising through the **ASHRAE Ottawa Valley Website**.

Rates for **career opportunities** ads are as follows:

## Chapter Member:

\$50/month  
\$80/2 months  
\$100/3 months

## Non-member:

\$250/month

*Note: Purchase of additional months will only have a discounted rate if purchased up front. Otherwise the standard rate will apply for additional months.*

## Placement of an Ad

We suggest that you complete and submit our advertisement form to speed up the processing of your request. If you have provided your e-mail address, a confirmation receipt e-mail will be sent to you for reference.

Please note that ads require prepayment made to the treasurer. Please register and pay through the online system and contact **Matthew Moore** ([info@ashrae.ottawa.on.ca](mailto:info@ashrae.ottawa.on.ca)) with any questions. Follow the link below for payment.

The ads will appear on the website until the end date for publication provided in the submitted form. To extend the ad, please resubmit the form with the new publication dates and the required prepayment amounts.

Link: [LINK](#)

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# Business Card Ads

You can support your chapter and promote your business by placing your business card in the Capital Communiqué. It will also appear on the chapter website.

The cost is \$275.00 for the year. Please contact **Matthew Moore** at [info@ashrae.ottawa.on.ca](mailto:info@ashrae.ottawa.on.ca) for more details.

Payment will be made through the online system. Follow the link below for payment.  
[Simple Sign Up - Payment](#)

Ads will **now require prepayment**. All last year's ads will appear in the Communiqué for the first month of this year to allow time for payment for the upcoming year. Ads will be refreshed accordingly in the second Communiqué.



E-mail: [info@ashrae.ottawa.on.ca](mailto:info@ashrae.ottawa.on.ca)

## Treasurer

**Matthew Moore**

2024-2025  
OVC Treasurer  
**Chorley +Bisset**



E-mail: [info@ashrae.ottawa.on.ca](mailto:info@ashrae.ottawa.on.ca)

## Treasurer

**Matthew Moore**

2024-2025  
OVC Treasurer  
**Chorley+Bisset**

**2024-2025**  
**President**  
Evans Mutua  
**President-Elect**  
Jayson Bursill  
**Treasurer**  
Matthew Moore  
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Steve Moons  
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Marlee Spiegelberg  
**Resource**  
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Jayson Bursill  
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Josh Bourbonniere  
Adam Graham  
Mitchell Geis  
Marlee Spiegelberg  
**Student Activities**  
Brodie Hobson  
**Tabletop**  
Gil Joma  
**Website**  
Marlee Spiegelberg  
**YEA**  
Sarah Brown