



DATE: Tuesday April 15th, 2025
16:30 – 21:00 Hrs EST

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

PROGRAM: In, Out and All Around: The Impacts of Air Flow in Multi-unit Residential Buildings

April Meeting Agenda

- 4:30PM-5:30PM Tech Session: Mastering Psychrometrics - More Essential Than Ever
Speaker: Joel Primeau, P.Eng.
- 5:30PM-6:30PM Social Hour
- 6:30PM-8:00PM Dinner – Approximate Timing
- 8:00PM-9:00PM Main Presentation
Speaker: Marianne Touchie, PhD, P.Eng.

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 7 - April 15th, 2025](#)

OVC April 2025 Meeting

Program: In, Out and All Around: The Impacts of Air Flow in Multi-unit Residential Buildings

Air flow in multi-unit residential buildings (MURBs) has significant impacts on building performance in terms of indoor air quality, thermal, acoustic and olfactory comfort as well as energy use. Both ventilation strategies and partition air tightness influence MURB airflow so this presentation will summarize three studies, one completed and two ongoing, to explore these variables, their impacts and potential solutions to improve performance.

We'll begin by looking at simulated energy and indoor air quality implications of various ventilation and air tightness strategies to understand the importance of compartmentalization. Then, we'll review the preliminary findings of a current field study involving twin buildings, one with centralized ventilation and one with decentralized ventilation, to examine how factors related to indoor air quality and resident satisfaction vary with these different strategies. Finally, we'll dive into another current field study aimed at reducing corridor make-up air flow rate while maintaining positive corridor pressurization in MURBs to reduce energy use without compromising performance.

Collectively, these studies will provide insights on how to improve energy performance and reduce interzonal cross-contamination in multi-unit residential buildings.

Presenter: Marianne Touchie, PhD, P.Eng.

Marianne Touchie, PhD, P.Eng. is an Associate Professor jointly appointed in the Departments of Civil & Mineral Engineering and Mechanical & Industrial Engineering at the University of Toronto and Director of the Building Energy and Indoor Environment Lab.

Dr. Touchie is one of Canada's leading authorities on multi-unit residential building performance, particularly in the social housing sector. Her interdisciplinary research program explores the interactions between occupant behaviour, the building enclosure and mechanical systems and how these three factors can be engineered to improve energy performance, indoor environmental quality and occupant wellbeing, including comfort and health.



She holds a Canada Research Chair (Tier 2) in Sustainable Urban Housing and has won numerous early career research awards including the New Investigator Award from the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE).

<div><p>ROY SAMHABER, P. ENG. senior project manager</p><p>P: 613 224 7500 x6158 P: 888 283 7267 F: 613 224 3726 rsamhaber@ameresco.com ameresco.ca Ameresco Canada Inc. 106 Colonnade Rd N, Ste 200 Ottawa, ON K2E 7L5</p></div>	<div><p>Green • Clean • Sustainable</p></div>	<div><p>Rishav Goel Account Executive, Sales Automated Logic - Canada, Ltd.</p><p>Rishav.Goel@carrier.com T: (613) 599-7708 M: (343) 549-9260 88 Hines Road Ottawa, Ontario, CANADA K2K 2T8 www.automatedlogic.com</p><p>A Carrier Company</p></div>	<div><p>Mark Csiffary P.Eng. President</p><p>2470 Don Reid Drive Ottawa ON K1H 1E1 mark@baxtec.com www.baxtec.com W: 613-738-7450 C: 613-229-8277</p></div> <div></div>
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OVC April 2025 Tech Session

Tech Session: Mastering Psychrometrics - More Essential Than Ever

Densification of occupied spaces, reduction of sensible loads, health risks with poor humidification control, innovative solutions with low exergy, and many other issues all add up to a renewed interest in the mastering of psychrometrics. It is entirely unthinkable today to use rules of thumb from even 10 years ago when designing HVAC systems. Spaces, loads and occupants must be thoroughly analyzed in selecting and designing HVAC systems; even more than before. At the centre of this analysis remains psychrometrics: it is the key skill to successfully complete the design and implementation of any HVAC system today.

Speaker: Joel Primeau, P.Eng., ASHRAE Member, HBDP, LEED AP

Joel Primeau, P.Eng., ASHRAE Member, HBDP, LEED®AP, is a consulting engineer with over 30 years of HVAC experience. He has led and assisted teams of engineers and technicians in the design and construction of high-performance, sustainable facilities.

Primeau's experience spans a wide range of engineering design and construction projects. His expertise is in the design of high-efficiency HVAC systems that enhance indoor air quality and comfort. Primeau frequently trains engineers, architects, and facility managers on the design process, central heating and chilling plant optimization, high-performance HVAC systems, and heat recovery applications.



Primeau earned a Bachelor of Engineering in mechanical engineering from the Royal Military College in Kingston, ON, Canada. After a brief career as an army engineer, Primeau has since worked in the HVAC industry in consulting, facilities management, and technical sales.



Date: Tuesday, April 15th, 2025
Time(s): 4:30PM – 5:30PM (immediately before OVC April Meeting)
Venue: Hellenic Event Centre
1315 Prince of Wales Dr., Ottawa, ON K2C 1N2

[Register Here!](#)

 <p>Belimo Aircontrols (CAN), Inc. 5845 Kennedy Road Mississauga, ON L4Z 2G3 Direct: +1 905-712-2046 Cell: +1 902-222-8599 Fax: +1 905-712-3124 gordon.inlpen@ca.belimo.com www.belimo.ca</p> <p>Gordon Inlpen District Sales Manager - Eastern Canada, Atlantic & Ottawa</p>	<p>ENGINEERING PERFORMANCE...</p> <p>... mechanical, electrical, building automation, environmental, ...</p>  <p>advanced sustainable building systems</p> <p>Patrick St-Onge, P. Eng. LEED AP 613-596-6454 bpa.ca 1060 Robertson Road, Suite 100, Ottawa, Ontario, K2H 5B9</p>	<p>ERIC MONTAMBEAULT President / CTO</p> <p> eric@controlsdepot.com</p> <p> 2-5509 Canotek Ottawa, ON K1J 9J8</p> <p> 1-877-221-1477</p> <p> www.controlsdepot.com Beyond Building Technologies</p>
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President's Message

Hello ASHRAE OVC,

Thank you to Carleton University for contributing to a great Tech Session at the March meeting, where we had four Carleton students give brief presentations on their research projects. Tech sessions are a great way for students to showcase their research findings but also expose their ongoing research to a technical audience to generate constructive feedback. We encourage our student members to take advantage of future tech sessions in this manner.

The March meeting was held at the Hellenic Events Centre. Tim Boyd gave a presentation on ASHRAE 241 which generated considerable interest from the audience during the question-and-answer session. Special thanks to David Eckel (CTTC Chair) for working with the venue to ameliorate the sound issues we had experienced before. The sound quality was drastically better this time and that greatly improved the overall experience of the evening.

We look forward to hosting Marianne Touchie, Associate Professor at the University of Toronto and Director of the Building Energy and Indoor Environment Lab. Marianne will be giving a talk about the impacts of air flow in multi-unit residential buildings. Please register early on the OVC website (www.ashrae.ottawa.on.ca) and join us for yet another informative evening.

Membership Promotion (MP), Young Engineers in ASHRAE (YEA) and Student Activities (SA) teamed up to host a social event at Tailgators Pool Hall March 5th. This event was well attended and gave the attendees, mostly students, a chance to socialize and network.

The long-awaited Seminar with Niss Feiner was held on March 27th. We had a 6-person panel, and had great participation in productive discussions. Thank you to all those attended.

Thank you to all our volunteers who work hard behind the scenes to create the success we enjoy as a Chapter.













See you in April!

Evans Mutua
2024-2025 ASHRAE OVC President



President
Evans Mutua
2024-2025
OVC President
City of Ottawa

E-mail: c015@ashrae.net

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

The sixth chapter meeting of the ASHRAE Ottawa Valley Chapter, held on March 18th at the Hellenic Event Center, brought together professionals and students under the theme of Student Activities. A mix of informative presentations, community-building discussions, and technical innovations made for an engaging evening.



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

E-mail: c015sec@ashrae.net

Tech Session: The meeting opened with a showcase of student research, highlighting the creativity and ingenuity of future professionals. Presentations by Hannah Villeneuve (B. Eng), Kala Sewraj (B. Eng), Farzam Sepanta (PhD), and Andre Markus (MASC, EIT) displayed impressive problem-solving and engineering advancements. From cutting-edge designs to innovative methodologies, their contributions reflected the bright future of the field. The audience responded warmly, with students and mentors alike sharing praise and constructive feedback.

Networking and Dinner: Dinner was buffet-style, featuring a garden salad, rice, salmon, roasted potatoes, and steamed vegetables. Dessert options included brownie, carrot cake, and lemon cake. The relaxed atmosphere allowed members and students to connect, fostering valuable mentorship opportunities and industry dialogue.

Business Session Highlights: President Evans Mutua began the session with a heartfelt land acknowledgment for the Algonquin Nation, emphasizing the chapter's recognition of the unceded territory. The chapter celebrated its growing membership (426 total members), thanked employer sponsors, and encouraged involvement in upcoming events like axe throwing and the IEQ Conference in Montreal.

Steve Moons delivered a passionate call to action for volunteers, sharing his journey with ASHRAE and the fulfillment that comes from giving back to the industry. Despite post-pandemic challenges in engagement, members were reminded of the meaningful impact they could make. Meanwhile, SA Chair Brody highlighted the benefits of student membership and celebrated the surge in student involvement, with 39 new members joining the chapter.

Evening Program: Tim Boyd's presentation on Standard 241 + air cleaners was the topic of the evening. He explained the evolution of electronic air cleaners within the standard, which was developed in response to the global pandemic. Key concepts like Infection Risk Management Mode (IRMM) and Equivalent Clean Airflow Rate (ECAi) were introduced, detailing how buildings can reduce infectious transmission risks through innovative engineering controls.



Tim delved into rigorous testing methods, including ozone safety, formaldehyde generation, and airborne particle concentration tests, emphasizing the importance of scalability and real-world applicability. His examples demonstrated the impact of upgrading filters to MERV 11 or MERV 13 and incorporating electronic air cleaners. This was followed by a dynamic Q&A session.

Closing Moments: The evening ended on a lively note with Mahdiyar Khalilzade Shabestari winning the \$150 50/50 prize. The other half of the proceeds went toward ASHRAE Research, underscoring the chapter's commitment to advancing industry knowledge. Evans Mutua closed the meeting by thanking attendees, presenting Tim Boyd with a token of appreciation, and encouraging participants to fill out the event survey. He left everyone with a reminder of the next meeting on April 15th.

Awards & Nominations

As chairs of the Awards & Nominations Committee, Abbey Saunders and I want to address the members of ASHRAE OVC for the nominations period. The nomination committee is responsible for building the chapter leadership of tomorrow. We help to shape the direction of the chapter; in that we try to ensure the very best people are in position to advance our local chapter and respond to the needs of its members.



Committee Chair
Steve Moons
2024-2025 OVC Nominations
Total HVAC Inc.

E-mail: steve.moons@totalhvac.com

Typically, at the April meeting we announce next year’s Executive, Board of Governors, and Committee Chairs. While we have many positions filled, as of this writing, we are still determining some key positions, notably Governor.

The chapter continues to grow and move forward, and now is an excellent time to consider volunteering with the OVC. I would like to ask that anyone who is able to volunteer to help at the board level to please contact me directly to discuss what positions are available. To keep our chapter strong, we need volunteers to help organize and put in the work. Now more than ever, the chapter needs your support. I hope to be able to introduce a strong chapter leadership group of new and existing volunteers at the May meeting with all positions filled. Thanks very much.

Executive

President	Jayson Bursill
President-Elect	Matt Moore
Treasurer	Trevor Thomson
Secretary	David Eckel
Past-President	Evans Mutua



Board of Governors

- Gino Theriault - returning
- Mike Swayne - returning
- Phil Mayfield – returning
- Marlee Spiegelberg - returning
- Open

Advancing the arts and sciences of HVAC&R to serve humanity and promote a sustainable world.

News Update

ASHRAE Recognizes Members' Exceptional Achievements at 2025 Winter Conference

ASHRAE recognized the remarkable contributions of its members to the Society and the built environment at the 2025 Winter Conference in Orlando.

A list of the awards and recipients are available [here](#).

Fellow ASHRAE

Fellow ASHRAE is a membership grade that recognizes members who have attained distinction and made substantial contributions in HVAC&R and the built environment such as education, research, engineering design and consultation, publications, presentations and mentoring. The Society recently elevated 28 members to the grade of Fellow.

Find out more [here](#).



Committee Chair
Elikem Wotorts
2024-2025 OVC
CTTC
Stantec

E-mail: c015cttc@ashrae.net

Membership Promotion

Hello OVC! For new members, welcome to the Chapter!

I am hoping to continue meeting our new members along with existing members throughout 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

 Jim Evenson P.Eng., ing., LEED AP Senior Associate; Chief Mechanical Engineer jeverson@jrichards.ca T: 343-804-4385 C: 613-222-7209 www.jrichards.ca J.L. Richards & Associates Limited 343 Preston Street Tower II, Suite 1000 Ottawa Ontario K1S 1N4	Jp2g Consultants Inc. Mark MacIsaac, P.Eng. Mechanical Team Lead 1150 Morrison Drive, Suite 410 Ottawa, ON K2H 8S9 Cell: 613.697.4721 Email: MarkM@jp2g.com	 Chris Harrison President chhsh@longhill.ca Phone and cell option: 613-225-3856 ext. 24 Fax: 613-226-2715 124 Flex Rd., Ottawa, Ontario K0A 1L0 www.longhill.ca The Energy Conservation People
 Andrew Allen Brown, P.Eng Commercial & Industrial Sales Engineer aabrown@master.ca T: 613-829-2816 x41104 C: 613-262-6504 1 866 429-1977 The Master Group 25h Northside Rd Nepean, ON K2H 8S1 MASTER.CA	 Sylvain Chenier, P. Eng., ing. Associate Partner – Mechanical Sylvain.Chenier@mckeeottawa.ca 1785 Woodward Drive Ottawa, ON K2C 0P9 CANADA Tel.: (613) 723-9585 x128 Fax.: (613) 723-9584 www.mckeeottawa.ca	

OVC YEA Social Event

LumberJaxe Axe Throwing

Get ready to release your inner lumberjack and experience the thrill of axe throwing at our upcoming event on May 8th! We have booked a group session at LumberJaxe Axe Throwing and we look forward to seeing you there.

Whether you are a seasoned pro or a first-time thrower, this event promises an evening of fun and excitement for all. Our session will include a quick lesson on the proper way to throw axes and all the essential safety tips you will need. Plus, the event is open to everyone, including non-YEA members, so feel free to invite your friends and family.

Event Details

- Date:** Thursday, May 8th, 2025
- Location:** LumberJaxe at 250 City Centre Ave, Ottawa, CA K1R 6K7 Units #232-230 ([Google Map](#))
- Fee:** \$20.00 (Regular \$40+, Sponsored by Victaulic)
- Time:** 7:00PM – 9:00PM (approximate)



What to Know

- Closed-toe shoes are mandatory (safety first, folks!).
- Wear something comfortable that allows you to swing your arms freely.
- Snacks and drinks are available for purchase at the venue, so you can stay fueled and hydrated while you enjoy the evening.




Do not miss out on this exciting opportunity to connect with fellow OVC members and make new friends. To secure your spot, please RSVP through the link below and help us spread the word to any non-members who might be interested in joining. Let's make this an unforgettable evening of axe-citement!

[Register Here!](#)



President-Elect
Jayson Bursill
2024-2025 OVC
Resource Promotion
Committee

E-mail: c015rp@ashrae.net

 <p>Stéphan Riffault, P.Eng. Branch Manager 2310, St-Laurent Blvd., Unit 203 Ottawa (Ontario) K1G 5H9 613 565-2129, ext. 2128 sriffault@regulvar.com www.regulvar.com</p>	 <p>Elaine Guenette P.Eng., LEED AP Principal E Elaine.Guenette@smithandandersen.com D 613 691 1853 M 343 961 2244 530 - 1600 Carling Ave., Ottawa ON, K1Z 1G3 T 613 230 1186</p>	<p>David Yin P.Eng., LEED AP Principal, Buildings Senior Mechanical Engineer 300-1331 Clyde Avenue Ottawa ON K2C 3G4 david.yin@stantec.com Direct: 613-725-5573 Mobile: 613-323-4964 Fax: 613-722-2799</p> 
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Resource Promotion

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!

If your membership is up for renewal, it is recommended to donate at the same time to make things more efficient. You can also donate by sending a check payable to ASHRAE Ottawa Valley Chapter to the address below or to contact me via email 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)
ASHRAE OVC Resource Promotion Chair 2024-2025

Thank you for your continued support!

ASHRAE Society link: [LINK](#)

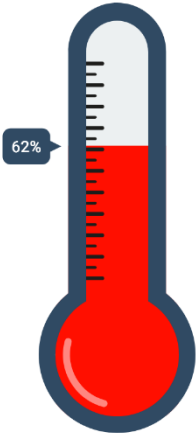
ASHRAE OVC link: [LINK](#)



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

E-mail: c015rp@ashrae.net

GOAL: \$35,300



ASHRAE Partner \$5,000 - \$9,999	ASHRAE Associate \$2,500 - \$ 4,999	Major Donor Silver \$1,000 - \$2,499
	Delta Controls Total HVAC Inc.	Ainsworth Goodkey Weedmark & Associates Mastron MCA ProEng Consulting Inc. SK Sheet Metal
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Joel Primeau HIDI Group Parson Refrigeration 1985 Ltd. Regulvar	Lan Chi Nguyen Weekes O'Dell HVAC Group Trane Trevor Thomson Burchill Mechanical Contractors Ltd.	Aerodynamics & Associates Testing Services Adrianne Mitani Chris C R Brown Elizabeth Primeau Evans Mutua Jayson Bursill Josh Bourbonniere Matt Moore Michael Swayne Steve Moons
Special Thanks to the following donors for their contribution: David Fanset		

Student Activities

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

The **OVC YEA-SA 2025 Mentorship Program** is underway, and the new monthly pairings will be announced at the beginning of April. If you are a Student Member still interested in participating, there are a handful of slots left! Please contact the Student Activities Chair for more information and to sign up for the next round of pairings.



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

E-mail: c015sa@ashrae.net

Students In Action

Student representation at the MP/YEA/Social Event at Tailgators Pool Hall on March 5th was high. uOttawa Branch President [Sajad Salehi](#) referred a number of uOttawa students to the event, many of whom have now officially joined ASHRAE as Student Members! The students participated in networking bingo organized by the YEA Committee, with prizes including swag donated by [Total HVAC](#)! A huge welcome to all our new Student Members and thank you to Total HVAC for their support! Checkout the [uOttawa ASHRAE Student Branch](#) LinkedIn page for posts about this event and more.



New Student Members with their Total HVAC swag at Tailgators. Photo credit: [Brodie Hobson](#).

The chapter meeting on March 18th featured presentations from OVC Student Members on their recent research which is being presented and published at various ASHRAE conferences this year. Thank you to our presenters as well as the attendees! Checkout the [Carleton ASHRAE Student Branch](#) LinkedIn page for posts about this event and more.



Student Members (from left to right) [Kala Sewraj](#), [Hannah Villeneuve](#), [Dre Markus](#), and [Farzam Sepanta](#) after their presentations at the March chapter meeting. Photo credit: [Brodie Hobson](#).

Scholarships & Fundraising

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. Thanks to your [support](#), the Chapter was able to donate two copies of "Lucy Goes Green" to the Kiilnik school library in the remote northern community of Cambridge Bay, Nunavut, during a recent visit by a member of the Student Activities Committee.



Julia Purdy (left) and Dr. Erin Tonita (right) reading copies of the Lucy book outside of the Canadian High Arctic Research Station in Cambridge Bay, Nunavut, before their donation. Photo credit: [Brodie Hobson](#).

A huge thank you to members who have or continue to [sponsor student attendance](#) at Chapter meetings. Sponsors at the last meeting included [Jayson Bursill](#) (Delta Controls Inc.), a generous two meals by [Joel Primeau](#) (Delta Competence), [Mike Swayne](#) (ProEng Consulting Inc.), and [Trevor Thomson](#) (Total HVAC). 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.

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.

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.

Worldwide

U.S. Pulls out of Two Global Climate Finance Programs

The United States is withdrawing from two programs intended to help countries vulnerable to climate change impacts. The "loss and damage fund" was established at the COP28 to help nations that are hit by climate emergencies. The U.S. is also withdrawing from a separate program called the Just Energy Transition Partnership that works to help developing countries transition from fossil fuels to clean energy sources. These moves follow President Donald Trump's announcement that he has ordered the U.S. to withdraw from the Paris climate agreement.

Switzerland Told That It Is Failing to Meet Climate Obligations

The Council of Europe, an intergovernmental organization that is separate from the European Union and promotes democracy and human rights on the continent, has informed the Swiss government that the nation is failing to meet climate obligations that were obligated from international treaties and lawsuits brought by Swiss citizens. In April 2024 a group of Swiss women sued their nation before the Council of Europe, successfully arguing that Switzerland was not doing enough to combat climate change. The nation was ordered to take stronger action to protect its citizens, particularly vulnerable populations, from the effects of climate change, but the Council argues that it is currently failing to do so. You can read more about this legal action, and [here](#).

U.S. House of Representatives Votes to Overturn DOE Regulations

The U.S. House of Representatives voted to overturn two Biden-era Department of Energy (DOE) regulations. On February 27, by a 221-198 vote, the House approved H.J. Res. 20 to disapprove a DOE final rule on energy conservation standards for instantaneous gas-fired water heaters. On March 5, by a 222 – 203 vote, the House approved H.J. Res. 42 to disapprove DOE's Appliance Energy Conservation Certification & Labeling Requirements Rule. This rule revised the certification, labeling and enforcement regulations for dozens of products for which the department had moved to update energy conservation standards and compliance testing procedures. Those products included air conditioners, heat pumps, pool equipment, and walk-in freezers.

U.S. GSA Rescinds P100 Standards

The General Services Administration (GSA) rescinded the Public Buildings Services P100 standards, which establish mandatory design and construction standards and performance criteria for 300,000 federal buildings nationwide. The P100 is replaced with "The 2025 PBS Core Building Standards Memorandum." This 11-page memorandum provides a list of mandatory laws, regulations, codes, and standards, including ASHRAE Standard 90.1, for projects under design and construction. The 2024 P100 required facilities to adopt advanced energy conservation strategies and eliminate onsite fossil fuel use. The standard called for grid-interactive efficient buildings to leverage innovative technologies through GSA's Green Proving Ground and required the use of low-embodied carbon materials. More information on the 2025 memorandum can be found [here](#).

Join Us

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



Principal
Ghina Annan
2024-2025
OVC GAC
Stantec

E-mail: c015gac@ashrae.net

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) 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](#).

<div><p>TAMCO T.A. MORRISON & CO. INC.</p></div> <div><p>Carlo De Luca Regional Sales Manager</p><p>t 800 561 3449 c 514 806 9217 e carlo@tamcodampers.com</p></div>	<div><p>TOTAL HVAC — ESTABLISHED 1996 —</p></div> <div><p>Steve Moons, P.Eng. Principal</p><p>4A - 1050 Baxter Rd. P: 613-723-4611, ext. 106 Ottawa, Ontario C: 613-229-5806 Canada, K2C 3P1 E: steve.moons@totalhvac.com W: www.totalhvac.com</p></div>	<div><p>TRANE</p><p>1024 Morrison Drive Ottawa, ON K2H 8K7 613-356-1940 / Cell 514-951-7809 613-820-8111 / Fax 613-820-1414 gjones@trane.com www.trane.com</p></div> <div><p>Ingersoll Rand</p></div>
<div><p>WALMAR Mechanical Sales Limited MANUFACTURERS, AGENTS & DISTRIBUTORS</p></div> <div><p>Chris Brown</p><p>Tel: 613.225.9774 Fax: 613.225.0673 e-mail: chrisbrown@walmar.net www.walmar.net 24 GURDWARA ROAD, NEPEAN, ONTARIO K2E 8B5</p></div>	<div><p>Yorkland Controls</p><p>Vinodh Lakshman Regional Sales Director vin@yorkland.net</p><p>1050 Baxter Rd, Unit 6A m. 613-880-8188 Ottawa, ON K2C 3P1 f. 613-721-4906 yorkland.net tf. 877-733-3833</p></div> <div><p>WILES-LEGAULT.COM HVAC CONTROLS</p><p>1260 Old Innes Rd, Unit 605 t. 613-747-1867 Ottawa, ON K1B 3V3 f. 613-745-6042 tf. 800-720-7757</p></div>	



Mechanical Engineer - Associate

Mechanical - Ottawa, Ontario

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>



Engineered for Impact™

Mechanical Project Manager

At Salas O'Brien we tell our clients that we're engineered for impact. This passion for making a difference applies just as much to our team as it does to our projects. That's why we're committed to living our values every day: inspiring, achieving, and connecting as shared owners of our success with a focus on a sustainable future.

Building for the long-term means that all of our team members can expect to work on amazing projects with a people-first approach to problem solving. It also means that each member of our team has truly limitless potential to build a unique, meaningful, and high-impact career—and they'll receive great total rewards along the way.

About Us:

Founded in 1975, Salas O'Brien is an employee-owned engineering and professional services firm focused on achieving impact for our clients, our team, and the world. We know that tomorrow's requirements are today's opportunities, and we are here to design lasting solutions for pressing challenges.

We work across a variety of industries providing integrated engineering and consulting services. Our specialized experience includes design for data centers, healthcare, science and technology, high-rise buildings, clean energy, education, and other building types as well as structural and building sciences, infrastructure asset management, advanced robotics, and more.

Our technical expertise is paired with an exceptional team of business development, human resources, finance and accounting, information technology, and marketing professionals, all of whom play a key role in bringing our commitments to life every day.

Job Summary:

We are searching for a Mechanical Project Manager to lead a design team through the day-to-day activities required for implementing conceptual design into contract documents.

Engineered for Impact™

In this role you will: will work with your supervisor to develop the design concept during schematic design and design development phases of the project and be responsible for leading a design team through the day-to-day activities required for implementing conceptual design into contract documents. You will be responsible for the contract administration phase of the project which includes interface with contractor's and architectural teams, review of shop drawings, site review, review of RFI's and the creation of CCN's. You can also expect field review of HVAC, plumbing, drainage, medical gas systems and fire protection systems including sprinkler and standpipe systems for various building facilities.

You will be a great fit if: you thrive in a fast-paced, collaborative environment and enjoy leading teams toward common goals.

Skills/abilities:

- At least three (3) years' experience designing mechanical systems for commercial, institutional and/or industrial buildings.
- University or college degree in Mechanical Engineering or Engineering Technology from accredited institution.
- Registered with provincial licensing bodies PEO and OACETT is preferred.
- Must have demonstrated ability to manage multiple clients and lead diverse project teams with a strong track record of project delivery from both a technical and financial perspective.
- Established strong leadership, client service and project management skills.
- Strong written, verbal communication and presentation skills teamed with your ability to problem solve and make analytical, timely and well thought out decisions.
- Advanced working knowledge of the provincial building code, ASHRAE, CSA and NFPA standards.
- Demonstrated experience using AutoDesk Revit.
- Working knowledge of MS Office Suite (Outlook/Word/Excel/PowerPoint).
- Valid Ontario Driver's License and access to a vehicle.



Engineered for Impact™

Location: Ottawa, Ontario, Canada – In-office position

Travel: Some travel required.

Equal Opportunity Employment Statement

Salas O'Brien provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, colour, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state/provincial, or local laws. Salas O'Brien will accommodate the disability-related needs of applicants as required by law.

To Apply

Click on the link below or copy and paste the following URL into your browser:

[APPLY HERE](#)

<https://recruiting2.ultipro.com/SAL1016SALO/JobBoard/3347ce03-ba60-4bdc-8af2-26369c80b18f/Opportunity/OpportunityDetail?opportunityId=39884f07-6bd3-43e7-8bd8-1d49b711ccbc>

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) 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](#)

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 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

Treasurer
Matthew Moore
2024-2025
OVC Treasurer
Chorley + Bisset



Treasurer
Matthew Moore
2024-2025
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Chorley + Bisset

E-mail: info@ashrae.ottawa.on.ca

2024-2025

President

Evans Mutua

President-Elect

Jayson Bursill

Treasurer

Matthew Moore

Secretary

Trevor Thomson

Governors

Mike Swayne

Josh Bourbonniere

Marlee Spiegelberg

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Matthew Moore

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Mike Swayne

History

Elizabeth Primeau

Honors & Awards

Abbey Saunders

Membership

Promotion

Bhavneet Singh

Nominations

Steve Moons

Program

David Eckel

Publicity

Marlee Spiegelberg

Resource

Promotion

Jayson Bursill

Special Events

Josh Bourbonniere

Adam Graham

Mitchell Geis

Marlee Spiegelberg

Student Activities

Brodie Hobson

Tabletop

Gil Joma

Website

Marlee Spiegelberg

YEA

Sarah Brown