



DATE: Tuesday September 20th, 2022
17:30 – 21:00 Hrs EST

LOCATION: Lago Bar and Grille
1001 Queen Elizabeth Driveway, Ottawa, ON, K1S 5K7
Dows Lake Pavilion, Upstairs

PROGRAM: Centre Block Rehabilitation Program (CBRP) – A Unique Approach to Building Servicing and Design Delivery

DESCRIPTION:

The rehabilitation of the Centre Block – home to the Canadian Parliament – is the most ambitious restoration project ever undertaken in Canada. Originally built in the 1860s, the iconic building was all but lost in a fire in 1916 - the cast iron door between the Centre Block and the Main Library Building saving the latter. The building now known as the Museum of Nature was selected as the temporary home for Canada's Parliament.

The replacement Centre Block was designed to respect the historic character of Parliament Hill and that of the original buildings, while being the product of a new era and its values. Redesigned in a Beaux-Arts/early 20th century neo-gothic style by architects Marchand and Pearson, it reopened for Parliamentary business in 1920 and was completed 1922.

The building services were cutting edge for the time with central air conditioning afforded to some of the high-volume ceremonial spaces on the lower floor levels and hot water radiators throughout the building as the heat source. Unlike modern buildings which seem to place more emphasis on upper floors, Centre Block became more austere as one moved up through the floor levels. Operable windows were the source of ventilation on all rooms with an exterior aspect.

The 21st Century rehabilitation program will see the complete replacement of all building systems and restoration of heritage fabric, whilst adding a new welcome centre for visitors beneath the front lawn to the south of Centre Block, which will include a visitor experience and exhibit space, as well as new program space for parliamentary business.

The difficulty in the program is well understood by PSPC and was well articulated in the Project Brief. The challenges in servicing the building quickly became apparent to the CENTRUS M&E Engineers. Jim Mills will outline the unorthodox mechanical, electrical and connectivity servicing strategies which have been devised to support the CBRP Guiding Principles, whilst Derek Rutherford will talk about how the Design and Construction team will utilize the extended supply chain to deliver a predictable, integrated, and constructible design well before the Trades arrive on site.

Derek Rutherford P.Eng., PMP, C.Eng., MIET

Derek is an experienced Leader with over 35 years' experience shared between the consulting environment and a client organization, where his communication and interpersonal skills have seen him build teams to deliver success. He has designed and managed complex projects in Canada, The Bahamas, and the United Kingdom, where he spent more than 16 years with the UK Airports operator BAA designing electrical systems for Terminal Buildings, where he also delivered business change programs.

Since immigrating to Canada in 2006, Derek has engineered complex Federal Government projects in Ontario, most notably the Rehabilitation of the Wellington Building at 180 Wellington Street in Ottawa, and the Medium Heavy Lift Helicopter facility at CFB Petawawa, both whilst leading the electrical group at NORR in Toronto. Since joining WSP in 2015, Derek led the mechanical and electrical group in Markham and in 2017 was privileged to be asked to lead the M&E Team on the CBRP, which currently numbers around 40.

Derek is experienced in various delivery models including P3, Design-Build and traditional drawing-spec-bid projects, and more recently in Design-Assist-Implement, which he will be speaking about in his presentation.

Derek holds a first-class honours degree in Electrical and Electronic Engineering from South Bank University in London, UK., is a Professional Engineer in the provinces of Ontario and Alberta and is a Chartered Electrical Engineer in the United Kingdom. He lives in Toronto and since 2017 has been commuting weekly to Ottawa for the CBRP. He is an avid golfer, enjoys playing guitar, and is married with a teenage daughter.

Jim Mills., P.Eng., Ing.

Jim has been the Mechanical Design Lead for CENTRUS (WSP/HOK Joint venture) since the award of the Centre Block Rehabilitation (CBR) project in 2017. Jim was selected for this role for his prior experience as a mechanical systems expert where he provided advice and guidance to WSP's project teams and to clients in Ottawa and the surrounding areas in his role as the Mechanical Practice Lead and Director of Mechanical Engineering and Design for the WSP Buildings Group in Ottawa.

Jim has over 35 years of experience in mechanical building systems engineering, design, assessment, coordination, construction supervision, commissioning, and performance verification. He has delivered numerous projects both for new buildings and for retrofits of existing buildings in various sectors including industrial, institutional, commercial, academic, recreational and laboratory environments.

Well-known in Ottawa for his experience and depth of technical knowledge of plumbing, heating, ventilation, and air conditioning systems as well as fire protection and building automation control systems, Jim formerly held Principal roles with Kean Engineering and Stantec.

Jim holds a Bachelor's degree in Mechanical Engineering from McGill University in Montreal where he originally lived, before moving to Ottawa where he has lived for the past 30 years. He enjoys skiing and golf and is married with three grown-up children.

September Meeting Agenda

5:30PM-6:30PM	Social Hour
6:30PM-8:00PM	Dinner
8:00PM-9:00PM	Centre Block Rehabilitation Program (CBRP) – A Unique Approach to Building Servicing and Design Delivery Presented By: Derek Rutherford P.Eng., PMP, C.Eng., MIET Jim Mills., P.Eng., Ing.

Please register online at link below (below prices for VIRTUAL attendance)

ASHRAE Associate/Affiliate/Member:	\$5	ASHRAE Member Guest:	\$10.00
ASHRAE Student:	\$0	Non-Member:	\$10.00

Below prices for IN PERSON attendance

ASHRAE Associate/Affiliate/Member:	\$48.00	ASHRAE Member Guest:	\$48.00
ASHRAE Student:	\$35.00	Non-Member:	\$65.00
Past President:	\$0.00	Past President Companion	\$0.00

[Meeting 1 – September 20th, 2022](#)

President's Message

With the 2022-23 ASHRAE season underway, I would like to begin by thanking the team of volunteers who have been working hard over the summer putting together a program and social events that are of high interest and value to the membership.

The first program meeting of the year will be held at Lago Bar and Grill. This month's theme is Membership, and the topic is on the Centre Block Rehabilitation Program. This presentation will provide an interesting update on the progress that's been made over the last 3 years since we last heard about this project in May 2019.

We are also celebrating our Chapter's 70th anniversary this month. Our Chapter volunteers have been working hard to plan activities to commemorate this important milestone, and we are planning a larger event for the May meeting so that we can celebrate with our past presidents in attendance.

For our chapter program this year, we're looking forward to the return of regular in-person meetings. We've re-introduced half-season, full-season, and corporate technical meeting registration packages on the website, which can be found through the special offers for members. If there is interest in continuing with hybrid meetings this year, please reach out to me or anyone on the executive or board.

Thank you again to all our volunteers and thank you to the membership for your continued support. I'm looking forward to seeing you all very soon.

Ryan Dickinson
2022-2023 OVC President



President
Ryan Dickinson
2022-2023
OVC President
VANDERWESTEN
& RUTHERFORD

E-mail: ryand@vreng.ca

<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 7L6</p>	<p><i>Mark Csiffary P.Eng.</i> 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>	<p>Belimo Aircontrols (CAN), Inc. 5845 Kennedy Road Mississauga, ON L4Z 2G3</p> <p>Gordon Inkpen District Sales Manager - Eastern Canada, Atlantic & Ottawa</p> <p>Direct: +1 905-712-2046 Cell: +1 902-222-8599 Fax: +1 905-712-3124 gordon.inkpen@ca.belimo.com www.belimo.ca</p>
<p>ENGINEERING PERFORMANCE...</p> <p>... mechanical, electrical, building automation, environmental, ...</p> <p>Patrick St-Onge, P. Eng. LEED AP 613-596-6454 bpa.ca 1060 Roberson Road, Suite 100, Ottawa, Ontario, K2H 5B9</p>	<p>Danny Dillon, MBA, GSC President & CEO</p> <p>E: Danny.Dillon@DILFO.com T: 613.741.7731 C: 613.880.8504 1481 Cyrville Road, Ottawa, ON K1B 3L7</p>	<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>

CRC Wrap-Up

The 2022 Region II Chapter Regional Conference (CRC) was held at the Lord Elgin in Ottawa from August 26 to 28, 2022. The CRC is a meeting of the chapters to discuss regional business, as well as to meet and collaborate on ASHRAE matters. Society President-Elect Ginger Scoggins and Director of Government Affairs Alice Yates were among those in attendance, with all nine chapters of Region II represented.



President
Ryan Dickinson
2022-2023
OVC President
VANDERWESTEN & RUTHERFORD

E-mail: ryand@vreng.ca

The CRC consisted of three full days of meetings and workshops to review, discuss and facilitate improvements to chapter and regional operations. The Ottawa Valley Chapter was presented with several awards to celebrate our successes in the 2021-22 year, including:

- Chapter Operations:
 - Special Citation Ribbon (achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories), Honor Roll (achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years), STAR Award Gold Pin (PAR achieved in all categories)
- Research Promotion:
 - Goal Certificate (achieving Research Promotion Goal), Top Five Runner Up for Total Dollars Raised, Gold Treasury Ribbon (significant contributions to ASHRAE Research), Endowment Chevron (achieving Endowment goal)
- Certificate of Appreciation for Outgoing Regional Officers, Daniel Redmond, CTTC RVC 2019-2022
- CTTC Regional Technology Awards
 - First Place Commercial Buildings, Existing – **Rob Rousseau** – Mary Pitt Centre, 100 Constellation Drive
 - First Place Health Care Facilities, New – **Georges Maamari** – Medical Campus of Outaouais
 - First Place Residential - **Adrienne Mitani** – Claridge Homes, 70 Gloucester
 - First Place Other Institutional, Existing – **Adam Kurz** – Installation of a VRF System in Operating Laboratory Facility

I would like to thank the planning committee and all the volunteers who helped make the 2022 Chapter Regional Conference a success!

 <p>GWAL Goodley Weedmark & Associates Ltd.</p>  <p>FRANCIS W.A. BANN, P.Eng. Principal, Senior Mechanical Engineer</p> <p>613.727.5111 x. 224 1688 Woodward Drive 813.229.0446 Ottawa, Ontario K2C 3R8</p> <p>fbann@gwal.com www.gwal.com</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>  <p>BEST MANAGED COMPANIES Platinum member</p>	 <p>J.L. Richards ENGINEERS - ARCHITECTS - PLANNERS</p>  <p>Jim Evenson P.Eng., ing., LEED AP Associate, Chief Mechanical Engineer</p> <p>www.jlrichards.ca</p> <p>jevenson@jlrichards.ca T 343 804 4385 C 613 222 7209</p> <p>J.L. Richards & Associates Limited 864 Lady Ellen Place Ottawa, ON Canada K1Z 5M2</p>
<p>Jp2g Consultants Inc. Mark MacIsaac, P.Eng. Mechanical Team Lead</p> <p>1150 Morrison Drive, Suite 410 Ottawa, ON K2H 8S9 Tel.: 613.828.7800 x.213 Cell: 613.697.4721 Email: markm@jp2g.com</p> 	 <p>Chris Harrison President</p> <p>chhsh@longhill.ca Phone and cell option 613-226-3856 ext. 24 Fax: 613-226-2715 124 Pais Rd., Ottawa, Ontario K0A 1L0 www.longhill.ca</p> <p>The Energy Conservation People</p>	 <p>Master AIR CONDITIONING REFRIGERATION VENTILATION HEATING</p> <p>Benjamin Moore, P.T. Regional Sales Director Eastern Ontario & Western Quebec Applied, Commercial, Heating, Ventilation & Engineered Sales bmoore@master.ca</p> <p>T 613-829-2816 #41118 C 613-324-3087 F 613-829-3731 1 866-429-1977</p> <p>The Master Group 25H, Northside Road Ottawa (Ontario) K2H 8S1 MASTER.CA</p>

Membership Update

I would like to send a very warm welcome our new OVC members:

- Omar Eleshmawi
- Ryan McKinnon
- Zahra Jandaghian

To our new and returning members, please reach out to me if you have any questions about ASHRAE, the OVC, or any upcoming events. I am committed to helping find a home in ASHRAE for all our members and I look forward to seeing everyone around this year.



Committee Chair
Elizabeth Primeau
2022-2023
OVC Membership
Promotion Committee
Total HVAC

E-mail:
elizabeth.primeau@totalhvac.com

News Update

Residential Heat Pump Demand to Top 1.5 Billion Units by 2050 on Energy Efficiency and Security Concerns

Global residential heat pump demand will skyrocket in the coming decades as energy efficiency and energy consumption demand take center stage as a result of energy insecurity and decarbonization efforts, according to Rystad Energy [research](#). The research shows that global heat pump demand could hit 450 million units by 2030, doubling today's total of around 190 million, and potentially tripling to 1.5 billion by 2050.

To read more, please visit [here](#).



Committee Member
Elikem Wotortsi
2022-2023
OVC CTTC
Committee
Stantec

E-mail: elikem.wotortsi@stantec.com

International Building Decarbonization 2022 Conference

ASHRAE is organizing its first International Building Decarbonization Conference, which will take place October 5-7, 2022, in Athens, Greece. The conference will be an information and idea exchange among stakeholders in the built environment industry concerning the reduction of greenhouse gas emissions from buildings. A primary goal of the conference is to bridge North America and Europe collaboration in decarbonization efforts.

Registration is now open. To find out more and register, please visit [here](#).



Research Promotion

THANKS TO ALL OUR DONORS TO DATE!

Thank you very much for your continued support of ASHRAE Research Canada!

Many of you are aware that ASHRAE research plays an important role in our everyday lives. Our built environment including everything from our homes, offices and hospitals to quality of food and living conditions in airplanes are dependent upon the research conducted by ASHRAE to keep people healthy and comfortable. Every dollar raised by ASHRAE Research Canada stays in Canada to further research in the HVAC&R industry. Furthermore, for every dollar raised, two to three dollars are invested in research, here in Canada.

Thank you to all who contributed to the 2021-2022 campaign led by Joel Primeau. The campaign was a great success, and a formal donor recognition night is planned for the November program meeting, to be held on November 15, 2022.

The goal this year for the Ottawa Valley Chapter is \$32,000. I am confident that our Chapter will achieve this goal through individual and company donations, proceeds from Chapter events and Chapter meeting raffle draws. The list of current 2022-2023 RP campaign donors will be provided in each monthly newsletter and program meetings, so donate quickly to see your name appear! Thank you for your continued support!

Two of the easiest ways to make your donation to the 2022-2023 RP Campaign are by clicking either of the links below.

Should you wish to donate by cheque, please make payable to ASHRAE Ottawa Valley Chapter. My contact details are below, and I will gladly make arrangements to pick-up any cheques if needed.

Celine Baribeau

2022-2023 ASHRAE RP Chair
1960 Robertson Rd, Bells Corners
Ottawa ON, K2H 5B9
cbaribeau@bpa.ca

ASHRAE Society link: <https://xp20.ashrae.org/secure/researchpromotion/rp.html>

ASHRAE OVC link: <https://ashraeottawa.simplesignup.ca/en/11560/index.php?m=eventSummary>



President-Elect
Celine Baribeau
2022-2023
OVC Research
Promotion Committee
BPA

E-mail: cbaribeau@bpa.ca

Student Activities

[ASHRAE Ottawa Chapter Scholarship - \\$3,000](#)

Available to a qualified undergraduate mechanical, architectural, sustainability, or building science engineering or engineering technology student enrolled full-time at a post-secondary educational institution within the ASHRAE Ottawa Valley Chapter or Canada's National Capital Region, including the following:

- Carleton University
- University of Ottawa
- Algonquin College
- Cégep de L'Outaouais

Applications and the following documents must be submitted on or before the application deadline to receive consideration.

1. Official transcript of grades (college freshmen whose grades are not available by the application deadline must submit an official transcript of high school grades and verification of enrollment in a post-secondary educational institution). Transcript must be mailed. Photocopies will not be accepted.

2. Three signed letters of recommendation as follows: one from an instructor or faculty advisor, a current or past employer, and another character reference (other than a family member). In cases where the institution has an ASHRAE student branch on campus, a letter from the faculty advisor of that branch may be one of the three letters of recommendation.

Annual Application Deadline: December 1



Committee Chair
Noah Goddard
2022-2023
OVC Student
Activities Chair
Longhill Energy

E-mail: noahg@longhill.ca

Diversity in ASHRAE

Women in ASHRAE is now DiA: Diversity in ASHRAE!

ASHRAE is committed to providing a welcoming environment that is inclusive and acknowledges the value of diversity. What started as the Women in ASHRAE initiative has now grown into the Diversity in ASHRAE (DiA) Committee which operates with the following goals:

1. Work with the MP Committee, Student Activities and YEA Committees to attract and retain diverse members that represent the communities within your chapter.
2. Coordinate with CTTC to provide programs and organize activities focused on attracting and retaining diverse members from all segments of the industry.
3. Promote inclusion and a diverse volunteer experience.
4. Create a network for professional growth.
5. Build diversity awareness and sensitivity within the Chapter.

Although quite a new committee, it is clear that Diversity, Equity, and Inclusion not only fuels better, more creative, and more thoughtful ideas, solutions and strategies for the chapter but also in all aspects of the community. ASHRAE respects and welcomes all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socioeconomic status, belief systems, sexual orientation or education.

Looking forward to seeing everybody again this upcoming year!

Marlee Spiegelberg



Committee Chair
Marlee Spiegelberg
2022-2023
OVC Diversity Committee
Condair Ltd.

E-mail:

Marlee.Spiegelberg@condair.com

2022 ASHRAE OVC Bowling Social

Hi everyone,

The long-awaited return of the ASHRAE Bowling Social is just around the corner!

We are currently working on finalizing the event, and will share detailed information regarding registration in the near future. The format for the evening will be similar to previous years with three games and four people per lane. We will have a 7pm start, and registration fees will include a warm-up, three games, shoe rental and plenty of pizza, wings and other munchies.

As usual this event will be social in nature and is intended to promote the camaraderie of ASHRAE.

Please considering attending this evening of fun.

Abbey Saunders (she/elle)

C: 343.543.9079

abbey.saunders@nrc-cnrc.gc.ca



Committee Chair
Abbey Saunders
2022-2023
Special Events
NRC

E-mail:

abbey.saunders@nrc-cnrc.gc.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



**MODERN
NIAGARA**

Design. Build. Service.

CURTIS BOYCE, P.ENG
Director of Operations | Major Projects

Telephone: 613-591-7505
Email: cboyce@modernniagara.com
Website: www.modernniagara.com



Joe Della Valle, C.E.T.
Manager, Mechanical Sales & Engineering
jdellavalle@odellassoc.com

Cell: 613-897-6604
Tel: 613-366-2017
ext. 654

24 Gurdwara Rd.
Nepean, ON K2E 8B5

www.odellassoc.com

2022-2023 Government Affairs Committee

- Celine Baribeau – Government Affairs Chair 2022-2023
- Adrienne Mitani – Government Affairs Committee 2022-2023

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 a non-commercialized industry experts.

We had a fantastic discussion at the Chapter Regional Conference (CRC) and are committed to a number of upcoming topics especially with ASHRAE's new position documents on decarbonization. Check out more information [here](#). The taskforce is working hard to meet some aggressive goals in the next 18 months for more information that we will keep you up to date on.

- [Resources and documents](#)

- To provide input or contribute to any of these efforts, please email decarb@ashrae.org
- Upcoming [International Building Decarbonization 2022 Conference](#) Oct 5-7 in Athens, Greece

In Canadian news:

Ottawa had released a voluntary [Better Buildings Ottawa](#) - energy benchmarking and auditing program. Goal is to track and record building performance across the city to help with standardization of information, optimizing systems and retrofit planning.

The Minister of Natural Resources is advancing the Canada Green Buildings Strategy and it is open for comment online. [You can review the entire strategy and provide comment here](#). The ultimate goal of the strategy is to net zero emissions and climate resilient building sector by 2050, with an interim goal of 37% by 2030.

Are you interested in getting involved with Government Affairs committee? Contact Celine or Adrienne to learn more!



Past President
Adrienne Mitani
2022-2023
OVC Government
Affairs Committee
Smith + Andersen

E-mail:
adrienne.mitani@smithandandersen.com


 <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 6136911853 M 3439612244 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 400-1331 Clyde Avenue Ottawa ON K2C 3G4 david.yin@stantec.com Direct: 613-725-5573 Mobile: 613-323-4964 Fax: 613-722-2799</p> 
---	--	--

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 me.



Committee Chair
Connor Patterson
 2022-2023 OVC Table-Tops
JP2G

What better way to display a new product, existing line, or share great ideas than to have a tabletop display at our local ASHRAE OVC meetings? These meetings provide a captive audience in the industry and exposure to 40+ people. We are currently reserving table-top openings for this ASHRAE year.

E-mail: connorp@jp2g.com

Please contact Connor Patterson (connorp@jp2g.com) to secure yours today! Cost for tabletops is **\$225.00** and spaces are filling up quickly, so book your tabletop today!













Payment is to be made through the online system prior to the date reserved. Follow the link below:

<https://ashraeottawa.simplesignup.ca/en/11562/index.php?m=eventsList>

September

Mr. Anderson from Bascon Control Technologies Inc. will be showcasing products from Sauter Controls and Bray.



 <p>INNOVATIVE DAMPER PRODUCTS</p> <p>Experience the true meaning of service and quality</p> <p>Frank Picchione Regional Sales Manager</p> <p>Tel: 800-561-2449 Cell: 514-781-8381 Fax: 800-668-8476 frank@tamcodampers.com www.tamcodampers.com</p> <p>TAMCO locations in Ottawa, Ontario and Nashville, Tennessee</p>	 <p>25 years ESTABLISHED 1996</p> <p>Steve Moons, P.Eng. Principal</p> <p>4A - 1050 Baxter Rd. Ottawa, Ontario Canada, K2C 3P1</p> <p>P: 613-723-4611 C: 613-229-5806 E: stevem@totalhvac.com W: www.totalhvac.com</p>	<p>Glenn Jones B.Eng LEED AP BD+C Sales Manager - HVAC Systems</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> 
 <p>Larry Gravelle Tel: (613) 721-3301 Fax: (613) 721-4906 1-877-733-3833 www.yorkland.net</p>        <p>Yorkland Controls represents leading control systems and component manufacturers. Integrated solutions for Lighting, Card Access, CCTV and Building Automation.</p>		

Vanderwesten & Rutherford Associates Inc. – Mechanical Designer

Our firm offers Professional Consulting Engineering services in the Mechanical and Electrical Engineering disciplines to Owners, Architects, and Developers. We have a history of successful design of both small- and large-scale projects, while maintaining excellent client relationships in the institutional, healthcare, municipal, commercial, and industrial industries.

Position Title: Mechanical Designer
Position Hours: Full Time- 37.5 hours/week
Position Location: Ottawa, Ontario

Working within multi discipline project teams, the ideal candidate will be an energetic team player that possesses experience in the mechanical design of institutional, healthcare, municipal, commercial and industrial facilities.

In this role, you will be working with a number of our project teams to design HVAC, plumbing and fire protection systems for various building facilities and assisting with the preparation of drawings and other construction documents utilizing AutoCAD/Revit as needed.

Qualifications:

- Experience in Designing HVAC, Plumbing and Fire Protection Systems for a Variety of Building Facilities
- Completion of a Mechanical Engineering Technology/Technician college program or university degree in Mechanical Engineering, B.Sc.(Eng)
- Familiar with Relevant Codes and Standards
- Proficient with utilizing AutoCAD/Revit
- Strong Communication and Interpersonal skills
- Ability to Work Independently on Complex Engineering Projects
- Ability to Work Effectively in a Team Environment
- Ability to Carry Out Routine Site Surveys and Field Work
- Ability to Liaise with Clients, Contractors, and Local Authorities

Responsibilities:

- Design HVAC, Plumbing and Fire Protection Systems for a Variety of Building Facilities
- Prepare Mechanical Reports, Contract Documents, Drawings and Specifications
- Coordinate Mechanical Design with Electrical Drawings and Services
- Develop an Understanding of Building Codes, Design Concepts and V&R Standards
- Conduct Site Reviews and Attend Project Meetings with Contractors and Clients as required

Why V&R?

Competitive compensation and benefit package, and the opportunity to join a medium sized, employee owned, established firm with a history of prioritizing and investing in employee's learning, development, and growth opportunities. Opportunity to join a growing company and team with the ability to be a part of projects of various sizes and complexities. Excellent career and growth opportunity.

To apply email or mail resume and cover letter to:

Rob van der Westen
robvdw@vreng.ca

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 **Celine Baribeau** (cbaribeau@bpa.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:

<https://ashraeottawa.simplesignup.ca/en/9709/index.php?m=eventSummary>

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 **Rod Lancefield** at rod.lancefield@hts.com for more details.

Payment will be made through the online system. Follow the link below for payment.

<https://ashraeottawa.simplesignup.ca/en/9711/index.php?m=eventSummary>

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: Evans.Mutua@ottawa.ca

Treasurer
Evans Mutua
2022-2023
OVC Treasurer
City of Ottawa



E-mail: rod.lancefield@hts.com

Publicity
Rod Lancefield
2022-2023
OVC Publicity Committee
Co-Chair
HTS Engineering Ltd.

2022-2023

President

Ryan Dickinson

President-Elect

Celine Baribeau

Treasurer

Evans Mutua

Secretary

Jayson Bursill

Governors

Matt Moore

Mike Swayne

Josh Bourbonniere

Trevor Thomson

Past President

Adrienne Mitani

Committees

Attendance

Celine Baribeau

Audit

Adrienne Mitani

Capital

Communiqué

Pat Melville

CRC

Jayson Bursill

Donald Weekes

Connor Ruprecht

CTTC

Elikem Wotortsi

GAC

Celine Baribeau

Financial

Evans Mutua

Greeter

Mike Swayne

History

Mark Korodetz

Membership

Elizabeth Primeau

Nominations &

Awards

Steve Moons

Abbey Saunders

PAOE

Celine Baribeau

Program

Elikem Wotortsi

Publicity

Samir Elchamaa

Research

Celine Baribeau

Promotion

Celine Baribeau

Special Events

Colleen Fox

Rod Lancefield

Abbey Saunders

Trevor Thomson

Student Activities

Noah Goddard

Tabletop

Connor Patterson

YEA

Jeremy Strong

Website

Samir Elchamaa