



## ASHRAE Ottawa Valley Chapter

- DATE:** **Tuesday May 17, 2016**  
Social: 17:30, Dinner: 18:30, Program: 19:30
- LOCATION:** **Algonquin College Restaurant International**  
1385 Woodroffe Ave, Building H, Room H100
- THEME:** **History**
- PROGRAM:** **Wateridge Village: The Redevelopment of the Former CFB Rockcliffe**
- SUMMARY:**

On October 14, 2015, Ottawa City Council unanimously approved the Former CFB Rockcliffe Community Design Plan, capping off a three-year planning, public consultation and review process which culminated in registration of the Plan of Subdivision for Phase 1A in February 2016. This is a major milestone for Canada Lands Company, the City of Ottawa, the Algonquins of Ontario, and several federal, regional, and local stakeholders; but it is only the beginning of a fifteen year development process that will transform the former air base into a highly anticipated new community of Ottawa.

This presentation will review the progress that has been made to date and the next steps in the approvals, development, marketing, sales, and community building processes. Collaborative relationships that have been established over the past three years are expected to evolve as the community develops and grows to its ultimate population of approximately 10,000 residents.

**SPEAKERS:** **Krista Durie** and **Jean Lachance**

**Krista Durie**, Development Manager, Real Estate

As a Development Manager on Canada Lands Company's Ontario/Atlantic Real Estate team, Krista Durie oversees multiple facets of the re-development strategy for Ottawa and Atlantic properties. Since joining Canada Lands Company in 2003, her efforts have touched each phase of the property acquisition and sale process. Past employment experience in the federal government, real estate legal firm, sales and marketing of new home construction coupled with the completion of the Project Management Certificate program, urban design courses at Simon Fraser University and extensive community involvement provide Krista the knowledge and necessary tools to successfully acquire and sell Canada Lands' properties to optimize value for Canadian communities and the Government of Canada.

**Jean Lachance**, Director, Real Estate

In his role as Director, Real Estate at Canada Lands Company, Jean Lachance is responsible for managing servicing infrastructure design and construction activities for Ottawa area projects. Jean has a Bachelor of Applied Science in Civil Engineering from the University of Ottawa and over 25 years' experience in both the private and public sectors, specializing in land development, engineering, infrastructure design and construction. Jean previously worked at the City of Ottawa for over 10 years in various Project Management and Engineering roles. He has also worked as a Senior Associate for Stantec Consulting, and most recently was the General Manager for Walton Development and Management

**Space is limited so please register online at:**

<https://ashraeottawa.simplesignup.ca/en/1645/index.php?m=eventSummary>

Chapter Members: \$45.00 Guests: \$65.00

Student Members: \$30.00 Life or Fellow: \$45.00

# President's Message

Fellow ASHRAE members,

Our last meeting of the year is just a few weeks ahead, and we have quite a busy day planned. To start, we are hosting our second technical tour of the year at the **Shaw Centre**, taking place on the same day as the program meeting and hosted by **Past President Ross McIntyre**. Please refer to the article in the communicate for more information on the tour and how to register.

The meeting in **May** is designated as our **Past Presidents' night** and companion night. So, all you **Past Ottawa Valley Presidents**, we need you to place us on your calendar and grace us with your presence. Lined up with the theme of the night, our history chair, **Aaron Dobson**, will have a table top prepared to showcase how our wonderful chapter has evolved over the last 60 plus years.

Our program topic for the evening will discuss the redevelopment of the former **CFB Rockcliffe** site, a fifteen-year development process that will transform the former air

base into a highly anticipated new community of Ottawa.

As I write my last president's message for the last official **ASHRAE** meeting of **2015-2016**, I would like to take this moment to thank everyone involved in the **Ottawa Valley Chapter**. First and foremost, I want to thank my **Officers, Board of Governors**, and all of the **Committee** members. The outstanding performance by this group made my year as President far less daunting than I had originally thought it would be. Needless to say that with such a motivated leadership group living up to its responsibilities, the Ottawa Valley Chapter is an incredibly efficient machine. The leaders of this chapter cannot be thanked enough for the countless hours they've sacrificed to volunteer and help make the Ottawa Chapter one of the most successful chapters in Society. I have been involved in the local chapter on the board or in committees for 10 years, and I have definitely gotten way more out of it as I have put in. It has been my honor to serve and I look forward to keep participating in the future.



**President**  
**Georges Maamari**

2015-2016

OVC President

**BPA**

E-mail: [gmaamari@bpa.ca](mailto:gmaamari@bpa.ca)

Moving ahead, we should all be looking forward to **Abbey Saunders'** upcoming year as President. Abbey is an energetic, creative thinker and she's full of ideas that will really make for an exciting **2016/2017** year!

Thank you once again to everyone for helping to make my year as President a successful one. I hope to see all of you at the upcoming **ASHRAE Golf tournament**. Enjoy the ASHRAE 'off-season' and we'll see you in the fall.

Best regards,

Georges Maamari, P.Eng  
2015-2016 OVC President

## Technical Tour Shaw Centre - LEED Silver

**DATE & TIME:** Tuesday May 17, 2016  
at 14:00

**LOCATION:** The Shaw Centre  
55 Colonel By Drive

### DESCRIPTION:

The Tour of the Shaw Centre will include visiting the 8,000 m<sup>2</sup> exhibit hall, 4,000 m<sup>2</sup> meeting rooms, 2,400 m<sup>2</sup> ball room, pre-function space, commercial kitchen, and other amenity spaces.

The Tour will present the many sustainable features such as the exhaust energy heat recovery, variable air/water flow distribution, demand control ventilation, enhanced indoor air comfort, rain water harvesting reclaimed for non-potable fixtures, ultra low flow plumbing, etc.

### GATHERING POINT:

**Meeting in the ground floor front foyer.**

**Parking available in the adjoining Rideau Centre underground parking.**

Parking fees will be reimbursed by the Chapter upon the presentation of a receipt at the Chapter meeting.

### REGISTRATION:

Click on this link to register: <https://ashraeottawa.simplesignup.ca/en/1653/index.php?m=eventSummary>



# What You Missed

The seventh meeting of the program year took place at **Restaurant International** at **Algonquin College**. The meeting was called to order by **President Georges Maamari** at 6:20 PM and attendees were seated.

The business session commenced with **President Georges Maamari** introducing the **Board of Governors and Executive**, followed by **Daniel Redmond** introducing the guests for the evening. **Celine Baribeau** then introduced the new members to the chapter.

President Georges Maamari introduced the meeting's theme of **Research Promotion** and invited **Abbey Saunders** to discuss the current Research Promotion campaign. Currently the **Ottawa Valley Chapter RP** campaign is ahead of the Toronto and Motnreal chapters. **Abbey Saunders** also shared some very interesting and fun facts regarding **ASHRAE Research**.

President Georges Maamari called upon **Steve Moons** to discuss the upcoming golf tournament. The tournament is planned for **June 21st**. Sponsorship opportunities are available and present a great way for local businesses to get some industry-specific advertising spots. For information about sponsorship or other details of the golf tournament, please contact **Andrew Douma**.

Next, **Bob Kilpatrick** was called up

by President Georges Maamari to announce the proposed slate of chapter executive and **BOG** positions for the 2016-17 chapter year. The following people were nominated: **Abbey Saunders** (President) **Adam Graham** (President-Elect) **Daniel Redmond** (Treasurer) **Chris Fudge** (Secretary) **Aaron Dobson** (Governor) **Chris Frauley** (Governor) **Adam Moons** (Governor) **Richard Cameron** (Governor) and **Adrienne Mitani** (Governor).

**Mike Swayne** put forward the motion to close nominations which was seconded by **Paul Lemieux**.

President Georges Maamari introduced the table top displays and asked representatives of each to discuss their displays. **Adam Graham** from **HTS** discussed the HTS table top display which featured **Omega Heat Pumps**. **Clark Campbell** from **Belimo** discussed the Belimo table top display which featured a new zone valve. **Rick Ozga** from **E.H. Price** discussed the E.H. Price table top display which featured **DuctSox** fabric duct products.

Following the business session, attendees enjoyed a seated dinner. After dinner, the Research Promotion committee raffled off four tickets to an upcoming CFL football game featuring the **Ottawa RedBlacks and the Calgary Stampeders**. The tickets were donated by **InAir**



**Secretary**  
**Daniel Redmond**  
2015-2016  
OVC Secretary  
**Carleton University**

**E-mail:**  
[DanielRedmond@cunet.carleton.ca](mailto:DanielRedmond@cunet.carleton.ca)

**Environmental** and raised \$740 for **ASHRAE RP**. The tickets were won by **President Georges Maamari**. A prize pack donated by **Belimo** was also raffled off and was won by **Selmaan Qureshi**.

Next, the evening program commenced at **7:45 PM** with President Georges Maamari introducing the speaker.

**Mr. Chris Pal** is a director of engineering at **NORR** architects and engineers. His topic focused on comparing hi-rise mechanical building design in urban **Canada** with the **Middle East**, (specifically **Dubai** and the Gulf). Mr. Pal discussed the physical realities that impose different mechanical challenges in the design of hi-rise buildings in the different climates. Plumbing issues, HVAC issues and electrical issues were discussed.

Following the presentation, Mr. Pal opened the floor up to questions. President Georges Maamari then thanked him and presented him with a gift. The meeting was adjourned at **9:15 PM**.

## NOMINATIONS ANNOUNCEMENT

**Hello everyone,**

On behalf of the **2016/2017 Nominating Committee**, I am pleased to announce the confirmed slate for the Executive and Board of Governors that will provide leadership for the **Ottawa Valley Chapter** for the upcoming year.

Exect. President: **Abbey Saunders**  
President-Elect: **Adam Graham**  
Treasurer: **Dan Redmond**  
Secretary: **Chris Fudge**  
Past-President: **Georges Maamari**

Board of Governors:  
**Richard Cameron**  
**Aaron Dobson**  
**Chris Frauley**  
**Adrienne Mitani**  
**Adam Moons**

Please join me in offering congratulations to this committed group; I'm sure you will agree that the Chapter is in good hands going forward and that you will continue to offer your full support to this leadership group and Chapter activities.



**Committee Chair**  
**Robert Kilpatrick**  
2015-2016 Nominations and Awards Chair  
**NRC-CNRC**

**E-mail:** [Robert.Kilpatrick@nrc-cnrc.gc.ca](mailto:Robert.Kilpatrick@nrc-cnrc.gc.ca)

# Join us at ASHRAE's 2016 Annual Conference

June 25-June 29  
St. Louis, Missouri

[www.ashrae.org/stlouis](http://www.ashrae.org/stlouis)



## YEA Leadership

Hi OVC!

Summer is almost here and what better way to start than on a patio!

The fourth and final **YEA** event will be held 2pm - 5pm on Friday, May 20th. I plan to have a reservation at **Jack Astor's Hunt Club - 310 West**

**Hunt Club Rd.**

I will be sending out an email with a invitation link. If you plan to come, please confirm your attendance through the website as soon as possible to ensure proper seating.



**Committee  
Chair**

**Joe Della Valle**

2015-2016

YEA Chair

**Walmar Ventilation**

E-mail: [joedellavalle@walmar.net](mailto:joedellavalle@walmar.net)

**Régulvar**

Stéphan Riffault, P.Eng.  
Sales Representative

1250 Old Innes Road, Unit 518  
Ottawa, Ontario K1B 5L3  
613-565-2129, ext. 2128

[sriffault@regulvar.com](mailto:sriffault@regulvar.com)  
[www.regulvar.com](http://www.regulvar.com)

**InAIR Environmental Ltd.**

Lan Chi Nguyen Thi, P.Eng.  
Partner

1390 Prince of Wales Dr., Suite 503  
Ottawa, Ontario K2C 3N6

Phone 613.224.3863  
Fax 613.224.2561  
[lanchi.nguyen@inairenvironmental.ca](mailto:lanchi.nguyen@inairenvironmental.ca)  
[www.inairenvironmental.ca](http://www.inairenvironmental.ca)

Mould & Flood Remediation  
Drinking Water Testing  
Training Courses  
IAQ Surveys

**InAIR**  
Environmental Ltd.

**WALMAR** [www.walmar.net](http://www.walmar.net)

24 Gurdwara Road  
Nepean, Ontario  
K2E 8B5

Tel: (613) 225-8774  
Fax: (613) 225-2972

**RANDY CAVILL, C.E.T.**  
President

e-mail: [randy@walmar.net](mailto:randy@walmar.net)

**VENTILATION & FILTRATION PRODUCTS**

**Longhill Energy**

Chris Harrison  
President

[chrish@longhill.ca](mailto:chrish@longhill.ca)  
Phone and cell option: 613-226-3856 ext. 24  
Fax: 613-226-2715  
111-15 Capella Court, Ottawa, Ontario K2E 7X1  
[www.longhill.ca](http://www.longhill.ca)

The Energy Conservation People

**Master**

CHRISTOPHER FUDGE P.Eng.  
LEED® AP  
Commercial & Industrial Sales Engineer  
[cfudge@master.ca](mailto:cfudge@master.ca)

TEL 613-829-2816  
CELL 613-761-2173  
FAX 613-829-3731

The Master Group L.P.  
25H, Northside Road  
Ottawa (Ontario) K2H 8S1  
MASTER.CA

Rod Lancefield, P.Eng., LEED® AP  
Engineering Sales  
[rod@hseng.com](mailto:rod@hseng.com)  
C. 613.851.1997

**HTS Ottawa**  
1646 Woodward Dr.  
Ottawa, Ontario K2C 3R8  
T 613.728.7400 Ext. 221  
F 613.728.8032  
Toll Free 888.286.8544  
[ontario.htseng.com](http://ontario.htseng.com)

**HTS**

**ENGINEERING PERFORMANCE...**

... mechanical, electrical, building automation, environmental, ...

**bpa**

advanced sustainable building systems

Patrick St-Onge, P. Eng. LEED AP | 613-596-6454 | [bpa.ca](http://bpa.ca)  
1960 Robertson Road, Suite 100, Ottawa, Ontario, K2H 5B9

**Yorkland Controls**  
ENVIRONMENTAL SOLUTIONS

Larry Gravelle  
Tel: (613) 721-3301  
Fax: (613) 721-4906  
1-877-733-3833  
[www.yorkland.net](http://www.yorkland.net)

Yorkland Controls represents leading control systems and component manufacturers. Integrated solutions for Lighting, Card Access, CCTV and Building Automation.

**Honeywell** HVAC/BAS & Vulcan  
**BELIMO**  
**Johnson Controls**  
**KMPC**  
**EXPLORER**  
**SIEMENS**  
**GREYSTONE**

**WESMECH**  
TECHNICAL SALES INC.

50 Ronson Drive, Suite 160 • Toronto, Ontario • M9W 1B3  
Tel: 416-251-8990 • Watts: 1-800-613-3789 • Fax: 416-251-8900  
[www.wesmechtech.com](http://www.wesmechtech.com)

Joseph McCallion, C.E.T.  
President  
[josephm@wesmechtech.com](mailto:josephm@wesmechtech.com) cell: 416-720-8976

# 2015-2016 Research Promotion Campaign

Hi everyone, it is hard to believe but with what appears to be spring on our doorstep that also means that our current **ASHRAE** season is coming to a close very quickly. We are approximately **70%** towards our **2015-2016 RP Campaign Goal** of \$27,000. Great work everyone, and let's keep a solid push going for the remainder of the 2016 ASHRAE season! Remember no donation is too small, and all money raised goes to **ASHRAE Research Canada**. Together we can do this!

The **April** program meeting RP raffle tickets for the home opening **RedBlacks** game raised a total of \$840 for **ASHRAE Research**. AWESOME! A special thanks to InAir Environmental for donating the tickets. Congratulations to President

**Georges Maamari** winner of the tickets.

A list of current **2015-2016 RP Campaign** donors will be updated for each monthly newsletter, so donate quickly to see you name appear!

**Two** of the easiest ways to make your donation to the **2015-2016 RP Campaign** are by clicking either of the links below.

However, should you wish to make you donation using cheques, please make all cheques payable to **ASHRAE Research Canada**. My contact details are shown below, but I will gladly make arrangements to pick-up any cheques if need be.



**President-Elec Abbey Saunders**  
2015-2016  
Research Promotion  
**National Research Council Canada**

**E-mail:** [abbey.saunders@nrc-cnrc.gc.ca](mailto:abbey.saunders@nrc-cnrc.gc.ca)

Again, I can't say this enough, thanks for your continued support for **ASHRAE Research Canada!**

**Abbey Saunders**

613.993.9277

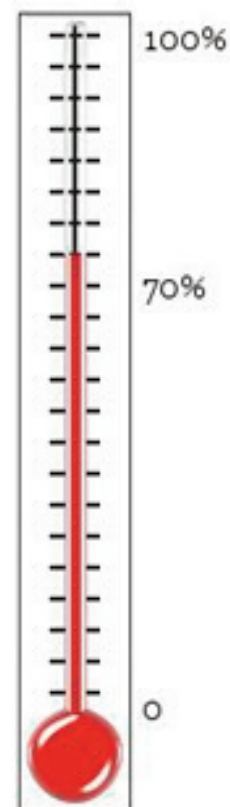
fax: 613.957.9828

Engineering Services, Administrative Services and Property Management Branch  
National Research Council Canada  
Bldg M-19, 1200 Montreal Road,  
Ottawa, ON K1A 0R6

ASHRAE OVC link: <https://ashraeottawa.simplesignup.ca/en/171/index.php?m=eventsList>

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

ASHRAE Partner	ASHRAE Associate	Major Donor Silver
	Longhill Energy	Nortec Humidity Goodkey Weedmark & Assoc. Airtron
Major Donor Bronze	Major Donor Antique	Honor Roll
SK Sheet Metal Total HVAC Walmar Ventilation Products Engineered Air MCA Trane Canada C&S Heating Ltd. Isotherm Commissioning InAir Environmental Ltd.	Mastron Mechanical Aaron Dobson Stantec Francis HVAC Services Ltd. JP2G Consultants Inc. Parson Refrigeration RJ McKee Engineering Dilfo Mechanical TA Morrison & Co Inc. Optimum Mechanical Solutions	Abbey Saunders Georges Maamari Rod Potter Dan Redmond Paul Morin Robert Kilpatrick Chris Frauley Chris Fudge Adam Graham Steve Moons Adam Moons Mike Swayne Richard Cameron Patrick St-Onge Robert Lefebvre Richard Albert Byron Landry ASHRAE OVC Subash Vorha Andrew Douma Fank Bann Gemma Kerr
Donors		
Robin Craig J.L. Richards & Associates Chris Brown Aerodynamics & Associates ProEng Consulting Inc. TP Crawford Limited Hugh Williamson & Associates		



# Student Activities

Ladies and Gentlemen,

April 8th-9th was the **Annual Ottawa Regional Science Fair** held at **Carleton University**, the chapter donated three awards of \$200 each to the three best projects that related to HVAC&R. **Jacob Hough** joined me for a great afternoon talking with students about their projects.

- *Don't Waste Waste Heat* by **Evan Mulcahy**, 7th grade at St Laurent Academy Elementary and Junior High

- *Isolant Surprenant!* by **Erin Leddy** and **Caroline Lafrance**, 8th grade at Collège Catholique Samuel-Genest
- *Canne-ô-Solaire* by **Virginie Rouhana** and **Sofia Vargas**, 7th grade at Collège Catholique Samuel-Genest

Do you have old **ASHRAE Handbooks** piling up in your office? The student Chapters are looking for handbook donations. Any ASHRAE or general HVAC handbooks, guidelines or old standards.



**Committee Chair**  
**Adrienne Mitani**  
2015-2016 Student Activity Chair  
**Smith and Andersen**

E-mail: [adrienne.mitani@smithandandersen.com](mailto:adrienne.mitani@smithandandersen.com)

Please contact me about the books you are willing to donate.

# ASHRAE Golf Tournament

The **ASHRAE Golf Tournament** is coming soon!

The **2016 ASHRAE Golf Tournament** is scheduled for Tuesday June 21st, 2016 at the **Marshes Golf Club**.

Response for this year's tournament has been excellent as this year's tournament is already a sell out! If you would like to be added to the waiting list in case of a cancellation please contact **Andrew Douma** at [andrewd@totalhvac.com](mailto:andrewd@totalhvac.com).

While the event is **sold out**, there are plenty of Sponsorship Opportunities available. A sponsorship provides your company with a sign placed at either a green or tee on the course displaying your company name. In addition, your

company will be mentioned during the dinner portion of the event and a display will be provided at each table. The cost of a sponsorship is only \$200 and is a great way to support **ASHRAE Research** while also getting your company name in front of 150 golfing members of the **Ottawa Mechanical Construction Industry**.

One added benefit of the Marshes is the opportunity to access **Marchwood**, the executive nine hole course on the same property. For those members who are not avid golfers but would still like a taste of golf here is your chance. If you are interested in a quick nine holes of Par 3 golf on the short course followed by dinner with the other participants please let us know. We would love to have the extra participants attend



**Committee Chair**  
**Andrew Douma**  
2015-2016 Special Events Chair  
**Total HVAC**

E-mail: [andrewd@totalhvac.com](mailto:andrewd@totalhvac.com)

the event.

Should you have any questions about the Tournament or Hole Sponsorship please contact **Andrew Douma** at: [andrewd@totalhvac.com](mailto:andrewd@totalhvac.com) or by phone at 613-723-4611.

Sincerely,

Your **2016 ASHRAE Golf Tournament Organizing Committee**

**DANNY DILLON, GSC**  
PRESIDENT  
1481 Cyrville Road  
Ottawa, ON K1B 3L7  
Ph. 613.741.7731  
Cell. 613.890.8504  
Fax. 613.741.9962  
danny@dilfo.com  
[DILFO.COM](http://DILFO.COM)

**Goodkey, Weedmark & Associates Limited**  
Consulting Engineers  
**Ross McIntyre, P.Eng.**  
Principal, Designated Consultant, Mechanical Engineer  
1688 Woodward Dr., Ottawa, ON, Canada, K2C 3R8  
Telephone: 613-727-5111 ext. 239 Fax: 613-727-5115  
[rossmc@gwal.com](mailto:rossmc@gwal.com)

Building System Surveys / Design & Retrofit  
AutoCad System Design & Customization  
**Roderic S. Potter** Principal  
3 Rochester Street  
Carleton Place  
ON K7C 2P9  
[www.rodgers.com](http://www.rodgers.com)  
[info@rodgers.com](mailto:info@rodgers.com)  
cell 613.266.2134

**Jp2g Consultants Inc.**  
ENGINEERS ■ PLANNERS ■ PROJECT MANAGERS  
1150 Morrison Drive  
Suite 410  
Ottawa, Ontario  
K2H 8S9  
**Mike Swayne, P. Eng.**  
Director of Building Services  
Phone: 613-828-7800  
Fax: 613-828-2600  
email: [mswayne@jp2g.com](mailto:mswayne@jp2g.com)

**AMERESCO**  
Green • Clean • Sustainable  
**ROY SAMHABER, P. ENG.**  
senior project manager  
P: 613 224 7500 x6158 | P: 888 283 7267 | F: 613 224 3726  
[rsamhaber@ameresco.com](mailto:rsamhaber@ameresco.com) | [ameresco.ca](http://ameresco.ca)  
Ameresco Canada Inc.  
106 Colonnade Rd N, Ste 200 | Ottawa, ON K2E 7L6

**WSP**  
**Jim Mills, P.Eng., ing., LEED AP**  
Director, Mechanical Group  
T 613-829-2800, ext. 19108  
F 613-829-8299  
C 613-240-2746  
[jim.mills@wspgroup.com](mailto:jim.mills@wspgroup.com)  
WSP Canada Inc.  
2611 Queensview Drive, Suite 300  
Ottawa ON K2B 8K2  
[www.wspgroup.com](http://www.wspgroup.com)

# News Update

## New ASHRAE Publication Explains the Impact of IT Equipment on Data Center Design

**ATLANTA** – The 13th book in ASHRAE's Datacom Series, "**IT Equipment Design Impact on Data Center Solutions**," is now available. The book was developed by **ASHRAE's Technical Committee 9.9, Mission Critical Facilities, Data Centers, Technology Spaces and Electronic Equipment.**

"Technology in general, including the data center industry, changes faster than other industries," **Don Beaty**, publications chair of TC 9.9, said. "Disruption is around the corner in all aspects of our lives: social media, online retail, access to information and entertainment. With everything from smartphones to thermostats generating data, backend IT systems are experiencing massive hardware demands. Data centers must have a footprint that is flexible, scalable and adaptable. They must be able to move as fast as new applications are developed and keep up with new ideas, new architectures, and new ways of thinking – all in real time."

Beaty explains how this is being addressed in this new publication.

"Book 13 is focused on the IT equipment impact on data center solutions," he said. "Although software is moving faster than hardware, hardware is still moving much faster than facilities. This book draws upon the foundations laid in the previous 12 Datacom books along with significant updated and new material to provide valuable insight to address this challenge with chapters on IT equipment, its thermal design and interactions between IT systems and the data

center."

The cost of "IT Equipment Design Impact on Data Center Solutions" is \$50, ASHRAE members (\$59, non-members). To order, visit: [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore)

or contact ASHRAE Customer Contact Center at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide) or fax 678-539-2129.

## ASHRAE, AIA Look to Future of Energy Efficiency with Signing of New MOU

**ATLANTA** – Building on past outreach, **ASHRAE** and the **American Institute of Architects (AIA)** have signed a Memorandum of Understanding, committing them to working together in a variety of built environment areas.

The **MOU** recently was signed by **ASHRAE President David Underwood** and **AIA President Russ Davidson**. The agreement states the two organizations will work jointly in areas related to development of young professionals, advocacy and public outreach, publications, education, technical activities and research.

"ASHRAE and AIA share many common technical interests, including health and safety, energy efficiency, and resilience," **David Underwood**, ASHRAE president, said. "This agreement formalizes our plans to foster technical cooperation in these areas, providing needed guidance to the industry."

"We are at a pivotal juncture as an industry to address the growing number of design challenges," said **AIA President, Russ Davidson**, FAIA. "The extension of this



**Program**  
**Jacob Hough**  
2015-2016 Program  
Committee Chair  
**Total HVAC**

**E-mail:** [jacobh@totalhvac.com](mailto:jacobh@totalhvac.com)

agreement is important for our organizations to continue to work together to further sustainable design strategies, to be active on building codes related issues, as well as for providing tangible resources that are useful for our respective members in their daily practice."

In past projects with a focus on improving energy efficiency of buildings and systems, **ASHRAE** and **AIA** are part of a group that is developing a new version of the **International Green Construction Code (IgCC)** sponsored by the **International Code Council (ICC)**, the **Illuminating Engineering Society (IES)** and the **U.S. Green Building Council (USGBC)**. The code, scheduled to be released in 2018, will be powered by **ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1**, Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings developed using the American National Standards Institute (ANSI) approved **ASHRAE** consensus process.

**ASHRAE** and **AIA** also joined together with **IES**, **USGBC** and the **Department of Energy (DOE)** in developing the **Advanced Energy Design Guide** series. The nine books in the series provide recommendations for achieving 50% and 30% energy savings over the minimum code requirements of ANSI/ASHRAE/IESNA **Standard 90.1**, Energy Standard for Buildings Except Low-Rise Residential Buildings

**BAXTEC**  
Mechanical Services  
Your energy savings partner

**MARK CSIFFARY P.ENG.**  
President • [mark@baxtec.com](mailto:mark@baxtec.com)

Office: 613-738-7450 Fax: 613-738-2973  
Cell: 613-229-8277 [www.baxtec.com](http://www.baxtec.com)  
2470 Dan Reid Drive, Ottawa, ON K1H 1E1

A member of

**McKee**  
ENGINEERING

Sylvain Chenier, P. Eng., ing.,  
LEED@AP  
Vice President - Mechanical  
[Sylvain.Chenier@mckeeottawa.ca](mailto:Sylvain.Chenier@mckeeottawa.ca)

1785 Woodward D rive  
Ottawa, ON K2C 0P9  
CANADA  
Tel.: (613) 723-9585 x128  
Fax.: (613) 723-9584  
[www.mckeeottawa.ca](http://www.mckeeottawa.ca)

**BELIMO**

**Belimo Americas**  
5845 Kennedy Road  
Mississauga, ON L4Z 2G3  
Tel: 905-712-3118  
Toll Free: 866-805-7089  
Cell: 416-659-0823  
Fax: 905-712-3124  
[clark.campbell@ca.belimo.com](mailto:clark.campbell@ca.belimo.com)  
[www.belimo.ca](http://www.belimo.ca)

**Clark Campbell CET**  
District Sales Manager,  
Eastern Ontario & Atlantic Canada

## An Efficient Future for Buildings of the Past Proposed Under ASHRAE Guideline

**ATLANTA** – Historical buildings – from those on the local Main Street to world-renowned structures – could be brought from the past into an energy reduced future under a proposed guideline from **ASHRAE**.

**ASHRAE Guideline 34P, Energy Guideline for Historical Buildings**, provides advice for energy efficiency and energy conservation improvements involving historic structures. These improvements would seek to minimize disturbances to the historic character, characteristics and materials (significance, value and qualities).

The proposed standard is open for a second public comment until [May 2](#),

2016. To comment or learn more, visit [www.ashrae.org/publicreviews](http://www.ashrae.org/publicreviews)

*"The worldwide preservation community recognizes the importance of reducing the consumption of fuels," William Rose, a member of the Guideline 34P committee, said. "Many codes and standards exempt such buildings from energy conservation requirements, based on an assumption that imposition of energy-saving measures may compete with preservation requirements. Nevertheless, preservationists generally wish to balance the mandate to maintain the integrity and authenticity of their buildings with growing needs for energy conservation. And some codes, notably the recent International Energy Conservation Code, have moved from a blanket exemption to a narrower provision-*

*by-provision basis."*

**Guideline 34P**, which offers assistance for the range of historic buildings, will help those engaged in preservation to design and provide energy conservation measures. Rose said it also will help those engaged in energy conservation to propose and adopt measures consistent with preservation practice. The guideline addresses planning and operation, mechanical systems, building envelopes and lighting.

The guideline was the idea of **Presidential Member Tom Watson** for whom historical buildings are a pet project.

*"We just can't give up on using historic buildings," he said. "They are too valuable and leave too large an environmental footprint to be neglected or abandoned."*

## Membership Update

The **Ottawa Valley Chapter** would also like to introduce and welcome the following new member:

**Mrs Ashley Warren**  
**Mr Graham Houze**  
**Mr Alex Tu**  
**Mr Robert Kenney**  
**Mr Mark Walker**  
**Mr William Chiasson**

Looking forward to seeing you at the next **ASHRAE** event!



### Committee Chair

**Celine Baribeau**  
2015-2016  
Membership  
Committee Co-chair  
**BPA**

E-mail: [cbaribeau@bpa.ca](mailto:cbaribeau@bpa.ca)

## An Invitation from the DRC

### My Fellow Region II Members:

I am writing to ask you to attend the **2016 ASHRAE Annual Conference** in **St. Louis, Missouri, June 25-29**. If you have already registered for this event, then thank you. I look forward to seeing you.

By attending the Conference, you have an opportunity to discuss and examine the latest topics in the building industry; to share ideas with like-minded professionals from around the world; participate in technical tours; sit for an **ASHRAE** certification exam; attend **ASHRAE** Learning Institute courses; and earn professional credits.

As a long-time ASHRAE member, I assure you that you'll want to experience first-hand this dynamic event. If you are a first-time Conference attendee, you are eligible for special member rates of **\$370 by April 26**; **\$395 by June 7**; and then **\$525 beginning June 8**.

In addition to the Conference, attend a technical committee meeting in your technical area of interest – choose from some **100** technical committees.

The networking and opportunities to learn current industry practices that you can take back to your employer are tremendous!

If you are able to attend, please drop me a note so I can make sure you are made aware of our regional dinner (which will be **Monday night** combined with **Region XI**), It would be great if at least one person from your chapter would attend and then report on their experiences at a chapter meeting.

You can find complete conference information at:

[www.ashrae.org/stlouis](http://www.ashrae.org/stlouis)

Thank you for your consideration.

**Doug Cochrane**  
ASHRAE Director and Regional Chair – Region II



# Table Top Display

What better way to display a new product, existing line, or share great ideas than to have a table-top display at our local **OVC ASHRAE** meetings?

The **OVC** meetings provide a captive audience in the industry and exposure to **60+** people.

The featured table-tops for the **May 17th** meeting are **Nortec** by **Longhill** and **LG** by **Master Group**.



## **Nortec's New GS Series Gas-Fired Humidifier**

### **The First True Condensing High-Efficiency Humidity Solution**

**Nortec GS Series** gas-fired steam humidifiers are the first fully condensing, high-efficiency systems on the market.

The **GS Series** is a gas-fired isothermal humidifier which produces hygienic and atmospheric steam to fulfill a large range of humidification requirements. Humidification is a critical element to ensuring the ideal air quality for any indoor environment. Direct building management integration allows the **GS** to provide necessary steam quantities both inside duct systems or directly in space to bring indoor humidity conditions back up to required set points. This gas-fired technology is powered with either natural gas or propane, allowing for flexible and economic operation.

The **GS Condensing System (CS)** model provides true condensing efficiency over 90%. Also available for the **GS Series** is a **Low-Emissions (NX)** model which has been designed to meet California emissions requirements. With both savings in installation and operation, the **GS** offers quick payback for High-Efficiency upgrades. As the leading manufacturer of commercial/industrial humidification systems for more than 40 years, Nortec has the technology and application expertise to meet the needs of any application.



# LG

Life's Good

**The Master Group** is the exclusive distributor of **LG VRF** and **LG Low Ambient Cooling** equipment. The **LG Air Cooled Multi V Heat Pump and Heat Recovery** systems are now available in 575/3/60 voltage.

The benefit of 575/3/60 voltage at the outdoor unit is that it reduces operating and installation cost by removing the need for additional electrical equipment. The **LG Multi V** outdoor units are available from 6 -36 Tons in 575/3/60 in both the heat recovery and heat pump style systems.

**Smith + Andersen**  
David Eastwood P.Eng.  
Principal  
613 2301186 ext. 403  
david.eastwood@smithandandersen.com  
1600 Carling Avenue Suite 530 Ottawa Ontario K1Z 1G3  
t 613 2301186 f 613 2302598 smithandandersen.com  
Ottawa Vancouver Toronto Edmonton Dubai Calgary

**Stantec**  
David Yin, P.Eng., LEED AP  
Senior Associate, Buildings Engineering  
Stantec  
400 - 1331 Clyde Avenue, Ottawa ON K2C 3G4  
phone: (613) 725-5573  
cell: (613) 323-4964 fax: (613) 722-2799  
david.yin@stantec.com

**TAMCO**  
INNOVATIVE DAMPER PRODUCTS  
Experience the true meaning of service and quality  
Tel: 800-561-3449  
Cell: 514-781-8381  
Fax: 800-668-8476  
frank@tamcodampers.com  
www.tamcodampers.com  
TAMCO locations in Ottawa, Ontario and Nashville, Tennessee.

# 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 today.

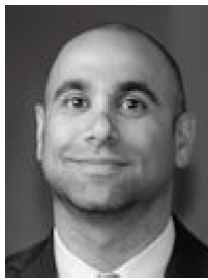
Rates for career opportunities ads are as follows:  
Chapter Member: \$50/month  
Non-member: \$250/month

## 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 online or for payment and other information contact **Adam Graham** at [Adam.Graham@hts.com](mailto:Adam.Graham@hts.com)

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.



**President**  
**Georges Maamari**  
2015-2016  
OVC President  
**BPA**

E-mail: [gmaamari@bpa.ca](mailto:gmaamari@bpa.ca)

# 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 \$250.00 for the year. Please contact **Rod Lancefield** at [rod@htseng.com](mailto:rod@htseng.com) for more details.



**Publicity**  
2015-2016 Publicity  
Committee Co-Chair  
**HTS Engineering Ltd.**

E-mail: [rod@htseng.com](mailto:rod@htseng.com)

## 2015-2016 President

Georges Maamari  
**President-Elect**

Abbey Saunders

**Treasurer**

Adam Graham

**Secretary**

Daniel Redmond

**Governors**

Richard Cameron

Chris Fudge

Aaron Dobson

Chris Frauley

Adam Moons

**Past President**

Steve Moons

**Committees**

**Attendance**

Sandy Taylor

**Audit**

Stephen Lynch

**Capital Communiqué**

Celine Baribeau

**CRC**

Georges Maamari

**CTTC**

Andrew Klassen

**Grassroots**

**Government Affairs**

Richard Cameron

**Financial**

Sandy Taylor

**Greeter**

Mike Swayne

**History**

Aaron Dobson

**Membership**

**Promotion**

Adam Moons

Celine Baribeau

**Nominations &**

**Awards**

Robert Kilpatrick

**PAOE**

Abbey Saunders

**Program**

Jacob Hough

**Research**

**Promotion**

Abbey Saunders

**Roster**

Georges Maamari

**Special Events**

Chris Healey

Andrew Douma

Adam Moons

Steve Moons

**Student**

**Activities**

Adrienne Mitani

**Table Top**

Shayan Mirza

**YEA**

Joe Della Valle

**Website**

Roderic Potter

**TOTAL  
HVAC**

Steve Moons  
Principal

Total HVAC Inc.  
14A-190 Colonnade Rd., S.  
Ottawa, Ontario  
Canada, K2E 7J5

Tel: (613) 723-4611  
Fax: (613) 723-4677  
Cel: (613) 229-5806  
Email: [stevem@totalhvac.com](mailto:stevem@totalhvac.com)  
Web: [www.totalhvac.com](http://www.totalhvac.com)

Andrew Klassen  
Account Manager



1024 Morrison Drive  
Ottawa, ON K2H 8K7  
Cell 613 808 4054 Direct 613 356 1966  
Tel 613 820 8111  
Toll Free 888 872 6326  
[andrew.klassen@trane.com](mailto:andrew.klassen@trane.com)  
[www.trane.com](http://www.trane.com)

