



CANADA'S
"HOTTEST"
CHAPTER!

NEWSLETTER

UPCOMING MEETINGS AND EVENTS:

Sept. 10th, 2018	Golf Tournament	Feb. 12 th , 2019	Energy Savings using ASHRAE 62.1 IAQP
Oct. 23 rd , 2018	Delaine Deer, SMACNA	Mar. 19 th , 2019	Dealing with Humidity
Nov. 27th, 2018	Chris Mathis, DL Series	Apr. 16th, 2019	Past President's Night
Dec. 11th, 2018	Christmas Social	Apr. 30th, 2019	YEA Event!
Jan. 29th, 2019	Stephanie Taylor, DL Series	May 14 th , 2019	Student Night

CHAPTER OFFICERS

<i>President:</i>	Nathan Cook, P. Eng.	(519) 948-5000
<i>President-Elect:</i>	David Dufour	(519) 916-5411
<i>Treasurer:</i>	Amanda Smith	(519) 737-5725
<i>Secretary:</i>	Jamie Smith	(519) 890-8684

BOARD OF GOVERNORS

James Smith, P. Eng.	(519) 737-5725
Steve Koutsonicolas, P. Eng.	(519) 999-9954
Dan Castellan, P. Eng.	(519) 253-3000 x 2164

CHAPTER COMMITTEES

<i>Research Promotion</i>	Paul Greff	(519) 969-8025 x332	<i>Government Affairs Committee</i>	Andy Hrutka	(519) 978-3903
<i>Membership Promotion</i>	James Smith, P. Eng.	(519) 737-5725	<i>Student Activities Chair</i>	Jamie Smith	(519) 890-8684
<i>Chapter Technology Transfer Committee</i>	Dan Castellan, P. Eng.	(519) 253-3000 x 2164	<i>Student Branch Advisor- University of Windsor</i>	Dr. David Ting, P. Eng.	(519) 253-2871
<i>Historian</i>	Gord Snell	(519) 649-1700	<i>Newsletter Editor</i>	Vince Laframboise	(519) 255-3200 x10532
<i>YEA Chair (Young Engineers in ASHRAE)</i>	Amanda Smith	(519) 737-5725	<i>Reception</i>	Eric Pelletier	(519) 948-5000 x3219
<i>Refrigeration Chair</i>	Jon Palmer	(519) 256-7922			

April Event – Past President’s Night

Tuesday April 16th, 2019

Energy Savings through Duct Sealing

According to ASHRAE Duct Design Manual, 75% of commercial ductwork systems leak between 10% to 25%. As a result, building designers have always had to account for the fact that, on average, 10% to 20% of the air provided by supply fans does not reach the occupied space. This leads to oversized air handling system equipment which increases construction costs, and to inefficient energy use as air intended for HVAC purposes is either lost in the buildings' mechanical spaces or bypassed through the supply and exhaust systems. However, this paradigm can now be broken through the use of innovative ductwork sealing technology which can achieve leakage rates on new or existing systems between 1% to 5%, at a lower cost than traditional duct sealing methods. Applying this technology will help building designers and owners lower their capital costs and energy costs while simultaneously improving indoor air quality.

<u>Location:</u>	Beach Grove Golf & Country Club Ltd. 14134 Riverside Dr E, Windsor, ON N8N 1B6
<u>Time:</u>	Doors Open 5:15 PM Dinner at 6:00 PM Presentation starts at 6:45pm
<u>Cost:</u>	ASHRAE Windsor Chapter - \$55 Guests - \$60 Students - \$30 Past Presidents - \$30

Dinner includes a 10oz NY steak, salads, green beans, dauphinoise potatoes, assorted pastries, coffee and tea. Beverages are not included.

Please Register Online:

<https://ashraewindsor.simplesignup.ca/en/4080/index.php?m=eventsList>

Registration Deadline is April 11th, 2019.

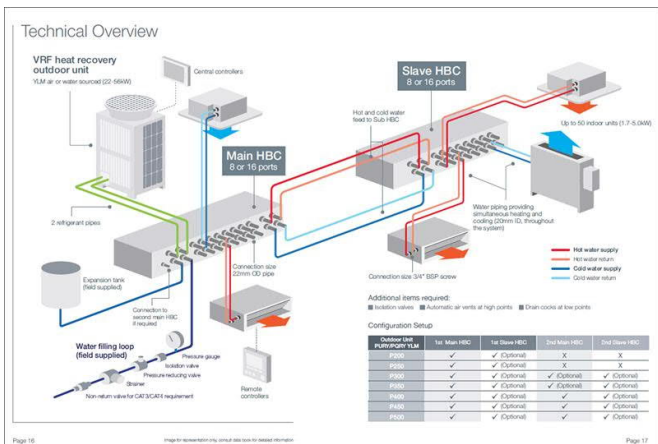
Speaker for Presentation at Past President’s Night:

Joshua Lewis, CEM, CMVP, is the Engineering Manager at Nerva Energy Group Inc., a speciality contractor providing smart building optimization by leveraging niche expertise with leading technologies to ensure buildings function more intuitively and efficiently, creating energy earning opportunities and fostering a positive impact on occupancy, quality of life and the overall environment.

As an award-winning leader in the energy sector and cutting-edge business development strategist with a wide knowledge base in energy conservation and environmental sustainability, his delivery of projects is with a commitment to continuous improvement and lean manufacturing which leads toward world-class levels of performance through multi-tiered approaches.

April Meeting Table-Top Presenter

The April 16th Meeting Table Top Display will be provided by Mitsubishi.



ASHRAE Windsor Chapter – Past Presidents

2017 -2018	Paul Greff
2016 -2017	Paul Greff
2015 -2016	Andy Hrutka
2014 -2015	Sara Palmer
2013 -2014	Dan Castellan
2012 -2013	James Smith
2011 -2012	Gord Snell
2010 -2011	Jon Palmer
2009 -2010	Frank Iakovidis
2008 -2009	Steve Koutsonicolas
2007 -2008	Mazen Abu Omar/Steve Koutsonicolas
2006 -2007	Bill Davies
2005 -2006	Mason Hoppe
2004 -2005	Walter Marcon
2003 -2004	John Staples
2002 -2003	Lorraine Grondin
2001 -2002	Phil Bracewell
2000 -2001	Ken Thompson
1999 -2000	Ken Wilson
1998 -1999	Brian Dayus
1997 -1998	Greg Dufour
1996 -1997	James Smith
1995 -1996	Frank Frabotta
1994 -1995	Steve Koutsonicolas
1993 -1994	Donald Winkup
1992 -1993	Thomas McDonald
1991 -1992	Gregory Black
1990 -1991	Greg Dufour
1989 -1990	William Colborne
1988 -1989	Jerry Lavender
1987 -1988	Chris Hales
1986 -1987	Lou Panontin
1985 -1986	Dan Castellan
1984 -1985	Mark Bendet
1983 -1984	Frank Pelisek

April YEA Event!!

Tuesday April 30th – YEA (Young Engineers in ASHRAE)

Location: Silver Tee Golf & Virtual Gaming Centre
1360 ON-3, Oldcastle, ON N0R 1L0

Event: Golf and Virtual Sports

Time: 5:30pm

For all other information, please contact Amanda Smith, YEA Chair.

ASHRAE Global Giveback – April 21 – 28, 2019

All ASHRAE Chapters are encouraged to have community-oriented volunteer events the week of April 21–28, 2019 that generate excitement at the local level, resulting in increased visibility of the Chapter with members, potential members and the general public. The program is designed to share the knowledge of members to improve the world around them.

This year, members of the Windsor Chapter will be volunteering at our local Ronald McDonald House located on the 3rd floor at Windsor Regional Hospital – Metropolitan Campus.

We will be preparing dinner for 30-35 people.

Candidates for Officers and Committee Chairs

We are soliciting your recommendations for Officer and Committee candidates for terms beginning in July 2019. The Officer and Committee Chairman vacancies to be filled for ASHRAE year 2019–2020 include the following:

- Chapter Technology Transfer Committee (CTTC)
- Historian
- YEA Chair
- Refrigeration Chair

Feel free to suggest more than one name for each position. Please add your comments on each candidate you recommend in the “Comments” column. These are important and valued by the committee.

Your recommendations are due by Wednesday, April 12th.

Please submit any recommendations to Dave Dufour.

If you have any questions about the activities of these positions, please contact Dave Dufour.

Advertising and Promotion

Actively participating in ASHRAE events is a great way to network and discuss potential projects and applications. Chapter meetings provide a captive audience and exposure to a group actively involved in our industry. Promotion opportunities are available during our chapter meetings, through the monthly newsletter and the new website.

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 monthly chapter meetings?

The fee to provide a Table Top Display is \$200.00 (CAD). In addition to the presentation, the fee also covers the cost of the presenter's meal at the event. If interested in providing a Table Top Display at a future meeting to promote product lines or technologies, please contact Nathan Cook to schedule.

windsorashrae141@gmail.com

Nathan Cook – (519) 948-5000

BUSINESS CARD PROMOTION

The monthly newsletter is distributed to all of our ASHRAE Windsor members as well as several others that are involved in our industry. Inclusion of your business card in the newsletter would provide a great opportunity to introduce your name and company to those members who may not know you personally. Business cards may also be displayed on the new website.

The fee to include your business card in the newsletter is \$100.00 (CAD) for the year ending June 30, 2017. If interested in having your business card information included in the monthly newsletter, please contact Nathan Cook.

windsorashrae141@gmail.com

Nathan Cook – (519) 948-5000

ASHRAE Chapter Involvement

It is a welcome sight to see Chapter members and non-member guests alike attend the monthly meetings and events. The time and effort put fourth by all individuals to attend these events is greatly appreciated as it not only helps to strengthen and develop our Chapter as a whole, it also expands the knowledge and understanding of our industry.

As it takes time and effort to attend these meetings, it also takes a great deal of time, effort and dedication to organize and prepare for these events so that they are informative and enjoyable for everyone.

It is a goal of the Windsor Chapter to increase the number of participating members. Involvement in Chapter operations is not limited to the Board of Governor and Chapter Committee positions. All individuals interested in getting involved with ASHRAE at any level are encouraged to volunteer in any capacity they are willing and able to. Any efforts to help the Windsor Chapter continue to develop and improve would be greatly appreciated.

If anyone is interested in volunteering for general involvement or to assist with any specific task, please contact Nathan Cook.

windsorashrae141@gmail.com

Nathan Cook – (519) 948-5000

ASHRAE Previous Event

The University of Windsor ASHRAE Student Branch and IEEE Women in Engineering chapter hosted distinguished lecturer Dr. Stephanie Taylor, the CEO of Taylor Healthcare Commissioning, Inc., on January 29, 2019, 1-2 PM in CEI building. The topic discussed was titled "Health as a Building Performance Metric". This presentation showed research and science supporting the relationship between building design and occupant health, not just comfort, providing sound evidence for the importance of indoor air quality in residential, academic and commercial buildings.



Dr. Taylor presenting her most recent findings



University of Windsor students and faculties appreciating Dr. Taylor's lecture

Become ASHRAE society member by following this link and email your confirmation receipt to the student branch Secretary:

<https://www.ashrae.org/membership/join>

ASHRAE Upcoming Event Notice

GUEST LECTURER

When: Tuesday, March 19, 2019, 1:00-2:00 PM

Where: Room 3001, CEI Building

The Training Manager for North America for the Indirect Sales channel at Danfoss, Jamie Kitchen, will give a lecture on "Dealing with Humidity – Solutions for Effective Moisture Control". This session will highlight and inform attendees



about the ways humidity impacts our health and the built environment around us and how we can use technology to improve the effectiveness of our air conditioning processes.

Most recently Mr. Kitchen has been responsible for the management of online training resources and the project to synchronize the Danfoss online training dashboard and content with strategic customers and technical school online systems to allow for sharing of content and user statistics. Mr. Kitchen has worked in several positions around the world to develop an expertise on the various considerations each region requires to achieve its air treatment needs — whether through refrigeration, air conditioning, heating or humidification.

ASHRAE University of Windsor
Student Branch Executives

2018/2019

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|--|----------------------|
| <i>President:</i> Zahra Naghibi | naghibi@uwindsor.ca |
| <i>Vice-President:</i> Saarah Akhand | akhand11@uwindsor.ca |
| <i>Treasurer:</i> Junguo Wang | wang1ki@uwindsor.ca |
| <i>Secretary:</i> William Wang | wang1st@uwindsor.ca |
| <i>Faculty Advisor:</i> Dr. David S.-K. Ting | dting@uwindsor.ca |

Contact an Executive for further information on planned events and activities as well as administrative questions regarding ASHRAE