



AMERICAN SOCIETY OF HEATING REFRIGERATION  
AND AIR CONDITIONING ENGINEERS

ASHRAE  
Research

Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W

# NEWSLETTER

November 25, 2012

Volume: 29 - Issue: 4

*Next Meeting:*

**Tuesday December 11, 2012**

**DOWNTOWN KEG – LOUNGE / BAR**

1 RIVERSIDE ST W., WINDSOR, ONTARIO

Please confirm your attendance by calling James Smith @ 519 971 0005 or Email: [james.smith@jasel.ca](mailto:james.smith@jasel.ca)

## FUTURE MEETINGS:

Sept. 22, 2012	Kingsville Golf Club
Nov. 20, 2012	Lilly Kazzilly's
Jan. 22, 2013	Lilly Kazzilly's
Mar. 19, 2013	Lilly Kazzilly's
May 22, 2013	Beach Grove Golf Course

Oct. 23, 2012	Lilly Kazzilly's
Dec. 11, 2012	Christmas Social - TBA
Feb. 19, 2013	Lilly Kazzilly's
April. 17, 2013	Lilly Kazzilly's

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<i>President:</i>	<b>James Smith</b>	(519) 971 0005
<i>President-Elect:</i>	<b>Dan Castellan</b>	(519) 253 3000
<i>Treasurer:</i>	<b>Sara Algudady</b>	(519) 817 9208
<i>Secretary:</i>	<b>Diane Beresh</b>	(519) 944 1898
<i>Past-President:</i>	<b>Gord Snell</b>	(519) 649 1700

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**November 25, 2012**

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## **PRESIDENT'S MESSAGE**

We are off to a great start this year and on behalf of the Windsor Chapter executive, thank you all. We had a special guest for our October meeting, Mr. Francis Lacharite, our Region 2 Regional Vice Chair for Student Activities. Francis and I visited with the St. Clair College Student Chapter and our Windsor Chapter Student Activities Chairman, Jeff Cowling and with the University of Windsor Student Chapter executive and with Dr. David Ting. Francis discussed how to improve their chapter operations and to start preparing for the Student Competitions. At our Dinner meeting, we had a total of 42 attendees including a great turn out of Students with over 20. This has been our largest student turnout in our chapter history for a dinner meeting.

In November, we had another special guest in attendance, Mr. Joel Primeau, our Region 2 Assistant Regional Chair. The Chapter executive met with Joel and he presented a Leadership Training session with a focus on helping our chapter define ourselves with a "Hedgehog Concept" and SMac, Specific, Methodical and Consistent rules. Joel has asked our chapter to develop our own unique concept and a set of simple rules to operate our chapter by. I believe if we prepare an appropriate concept and our rules, we will set our chapter up for long term success and I am looking forward to working with our Chapter Executive on this request. At the dinner meeting, we had a great presentation on Seismic Design and Installation requirements by Mike Flynn from the VMC group and a special thanks to Larry Mills for his assistance in setting up this meeting. We had another great turnout with 43 attendees including 14 students.

## **WEBSITE AND NEWSLETTER**

ASHRAE Windsor has commissioned a local service to prepare our Chapter Website and we expect to have it ready in the new year. We will send out a formal announcement when it is ready. We are looking for sponsors for our Website and Newsletter. For \$100, you will receive a business card size ad on our Website and in our newsletter for the 2012 – 2012 year. Please let us know if you are interested in sponsoring.

## **DECEMBER MEETING**

On December 11, 2012, we will be hosting our Christmas Social at the Downtown Keg. Please bring your spouse and friends and come down and have some Christmas cheer.

Please encourage someone at your office or associate that is not an ASHRAE member to come and join us and we are looking forward to seeing you there.

**Renew Your Membership  
Online!**

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**November 25, 2012**

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### **SPECIAL CONGRATULATIONS**

On December 17, 2012 the Windsor Chapter has our first Royal Couple. Sara Algudady our Chapter Treasurer and Jon Palmer our 2010-2011 Chapter President were married. On behalf of all our ASHRAE Windsor Members, we wish them well and a long and happy life together..





## **DECEMBER 2012 ASHRAE MEETING**

### **CHRISTMAS SOCIAL**

*Date* Tuesday December 11, 2012 - 5 pm to 7:30 pm.

*Cost:* \$20.00 per person

*Where:* Downtown Keg – Lounge / Bar Area - 1 Riverside Drive West, Windsor, ON

Come join us for a little Christmas Cheer. Bring your spouse or friends and have a great night.

Appetizers will be provided. Beverages are on your own.

*RSVP by Noon Monday December 10, 2012 to Melissa Weldon  
at JASEL Engineering – [melissa.weldon@jasel.ca](mailto:melissa.weldon@jasel.ca)*

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### **FUTURE MEETING DATES**

*Please keep the following dates for our future meetings:*

<b>December 11, 2012</b>	Christmas Social
<b>January 22, 2013</b>	Research Promotion Night
<b>January 28–30, 2013</b>	<b>ASHRAE / HRAI Expo Dallas Texas</b>
<b>February 19, 2013</b>	CTTC Night
<b>March 19, 2013</b>	Membership Promotion Night
<b>April 17, 2013</b>	Research Promotion Night
<b>May 22, 2013</b>	Historian Night (Past Presidents) & Student Activities Night





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November 25, 2012

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# October 24, 2012 Meeting







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November 25, 2012

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# November 20, 2012 Meeting







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November 25, 2012

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University of Windsor  
Student Branch

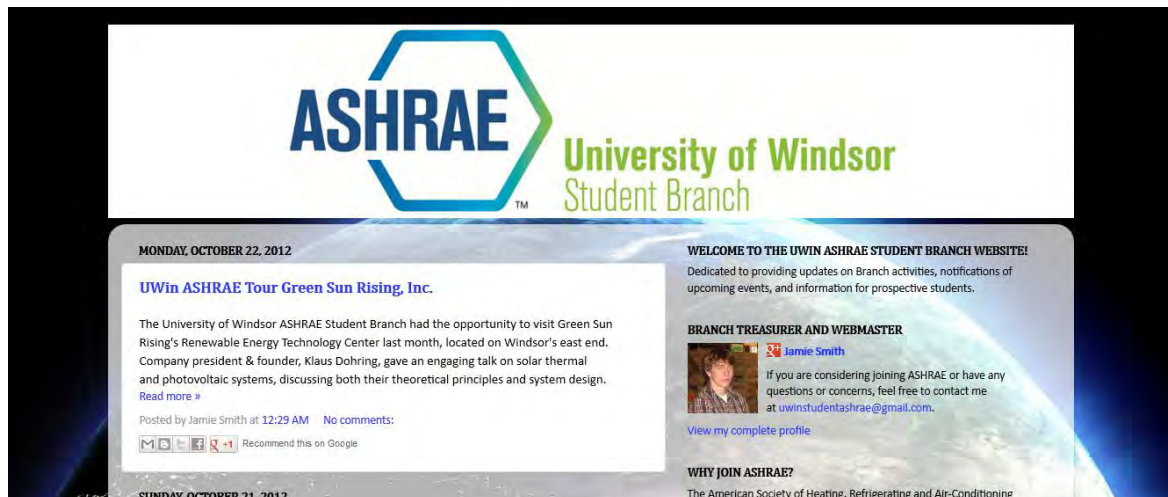
Student Branch

Newsletter

November 2012

## UWin Student Branch Hosts Distinguished Guests

On October 23<sup>rd</sup>, 2012, the University of Windsor ASHRAE Student Branch had the honour of hosting two distinguished guests at the University's Ed Lumley Centre for Engineering Innovation: Mr. Francis Lacharité, ASHRAE Region II Vice Chair on Student Activities and member of the ASHRAE Montreal Chapter, and Mr. James Smith, President of the ASHRAE Windsor Chapter. After a brief introduction of the Student Branch executives and an update on Branch activities, the distinguished guests engaged executives in an enlightening discussion on creating a more active Branch and generating new membership. Later that evening, members of the University of Windsor ASHRAE Student Branch would join Mr. Lacharité (pictured second from the right) and Mr. Smith (pictured on the far right) at an ASHRAE Windsor Chapter dinner meeting on Windsor's east end.



## UWin Student Branch Unveils New Website

The University of Windsor ASHRAE Student Branch unveiled their new website at [uwinashrae.blogspot.com](http://uwinashrae.blogspot.com) (pictured on the left), which will provide information for Branch members and prospective students. We are planning a tour of a Windsor-based tire recycling facility, so please visit our website often for news pertaining to this and other events. For any questions or comments, contact President Fama Fouladi at [fouladi@uwindsor.ca](mailto:fouladi@uwindsor.ca).



**St. Clair College  
Student Branch**

**November 2012**

## **Why Join ASHRAE?**

### **Explore Technology**

Receive monthly ASHRAE Journal publications.

### **Get Special Discounts**

Receive 75% off the purchase of the ASHRAE Handbook – Fundamentals with additional discounts on other publications.

### **Advance Your Career**

Access the ASHRAE job postings network, or participate in any of the more-than forty courses offered by the ASHRAE Learning Institute.

### **Meet Industry Leaders**

Attend local meetings, tours, and meet other members of the ASHRAE team.

## **ASHRAE St Clair College Student Branch**

### **President**

Jason Hunt

### **Vice-President**

Kristine Fontanini

### **Executive Members**

Dena Barrette  
Sasha Suvajdzin  
Karling Hoenig

## **Welcome Back Students**

The ASHRAE St. Clair Student Branch would like to welcome new and returning members alike to what promises to be another great year. We have a number of events planned for the upcoming months including several tours, fundraisers, and the ASHRAE Winter Conference in Dallas. As always, we look to our members for their support in making these plans a reality. If you have any suggestions, contacts, or would simply like to be involved, contact us at the address below.

We look forward to sharing the product of our hard work with our members and thank you all for your continuing support.

**Jason Hunt**  
President

## **Upcoming Events**



### **Unconquered Sun Tour**

Friday November 9, 2012 at 3:30 pm



### **Windsor Regional Hospital Tour**

Wednesday November 21, 2012 at 5:30 pm



**Windsor Chapter**

### **Windsor Chapter Meeting**

**Lilly Kazzilly's Crab Shack and Grille**

Tuesday November 20, 2012 at 5:30 pm

### **Contact Us**

[ashrae.scc@gmail.com](mailto:ashrae.scc@gmail.com)





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# NEWSLETTER

January 21, 2013

Volume: 29 - Issue: 5

Next Meeting:

**Tuesday January 22, 2013**

## TOUR OF FAMILY AQUATIC COMPLEX

CORNER OF BRUCE AVE AND RIVERSIDE DRIVE WEST WINDSOR, ONTARIO

Please confirm your attendance by calling James Smith @ 519 971 0005 or Email: [james.smith@jasel.ca](mailto:james.smith@jasel.ca)

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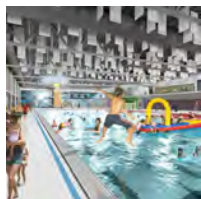
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## JANUARY 2013 ASHRAE MEETING

### TOUR OF FAMILY AQUATIC COMPLEX

(CURRENTLY UNDER CONSTRUCTION)



- Date* Tuesday January 22, 2013 - 5 pm Tour - Meet at 4:45pm at Bruce Ave. Entrance.
- Cost:* \$40 ASHRAE Windsor Chapter Member - \$50 Non-ASHRAE Windsor member / Guest
- Where:* Family Aquatic Complex, Corner of Bruce Ave and Riverside Drive West Windsor, ON  
*Parking Located at Corner of University Ave. and Bruce Ave.*
- Dinner:* 6:30 pm Dinner – **Bubi's Awesome Eats** – 620 University Ave
- Presentation :* 7:30 pm

**SAFETY EQUIPMENT MUST BE WORN. YOU MUST BE WEARING THE FOLLOWING  
SAFETY EQUIPMENT IN ORDER TO TAKE PART IN THE TOUR:  
SAFETY GLASSES, SAFETY SHOES, HARD HAT**





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**January 21, 2013**

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# ASHRAE Windsor Chapter

## NEWSLETTER

**February 21, 2013**

**AMERICAN SOCIETY OF HEATING REFRIGERATION  
AND AIR CONDITIONING ENGINEERS**

**ASHRAE Research**

*Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W*

**Volume: 29 - Issue: 6**

**Next Meeting:** **Tuesday February 26, 2013**

**TOUR - ST. CLAIR COLLEGE CHILLER PLANT**

**WINDSOR, ONTARIO**

Please confirm your attendance by calling James Smith @ 519 971 0005 or Email: [james.smith@jasel.ca](mailto:james.smith@jasel.ca)

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<i>Jan. 22, 2013</i>	<b>Tour-Aquatic Centre</b>	<i>Feb. 26, 2013</i>	<b>Tour-St.Clair College Chiller</b>
<i>Mar. 19, 2013</i>	<b>TBA</b>	<i>April. 17, 2013</i>	<b>Caesars—DL Presentation</b>
<i>May 22, 2013</i>	<b>Beach Grove Golf Course</b>		

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## FEBRUARY 2013 ASHRAE MEETING

### TOUR OF ST. CLAIR COLLEGE CHILLER PLANT

Our February meeting will be on Tuesday February 26, 2013 and it will be a tour of the St. Clair College Chiller Plant and Technical talk on the Efficiencies upgrade for the system. Speaker and Tour Guides – Jon Palmer and James Smith. Tour starts at 5:00 pm. Dinner at 6:30 pm and Technical Talk at 7:30 pm. All attendees are required to have safety shoes and safety glasses. Cost \$40.00 per person

<i>Date</i>	Tuesday February 26, 2013 - 5 pm Tour - Meet at 4:45pm at St. Clair College
<i>Cost:</i>	\$40 ASHRAE Windsor Chapter Member - \$50 Non-ASHRAE Windsor member / Guest
<i>Where:</i>	St. Clair College Chiller Plant <i>Parking Located on Campus.</i>
<i>Dinner:</i>	6:30 pm Dinner – St. Clair College
<i>Presentation :</i>	7:30 pm
<i>Speaker and Tour Guides</i>	Jon Palmer and James Smith.

**SAFETY EQUIPMENT MUST BE WORN. YOU MUST BE WEARING THE FOLLOWING  
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RSVP to;           nathan.cook@jasel.ca by Monday, February 25, 2013



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**February 21, 2013**

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February 21, 2013

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# January 22, 2013 Meeting

## Tour of Family Aquatic Complex







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February 21, 2013

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# NEWSLETTER

March 13, 2013

Volume: 29 - Issue: 7

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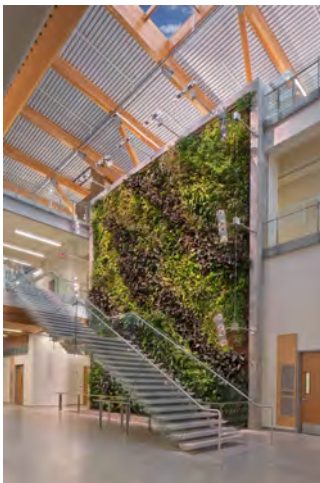


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March 13, 2013

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**MARCH 2013 ASHRAE MEETING**  
**UNIVERSITY OF WINDSOR—TOUR**  
**ED LUMLEY CENTRE FOR ENGINEERING INNOVATION**



Our March meeting will be on Tuesday March 19, 2013 and it will be a tour of the University of Windsor Ed Lumley Centre for Engineering Innovation and Technical talk on the building sustainable attributes and on the Termobuild system.

*Tour Guides:* **University Students and Any Jenner , Facility Coordinator**  
Tour Starts at 5:00 pm—Meet in the Front Lobby (Atrium)

*Dinner :* **CIBPA Centre—995 Howard Ave. (corner of Erie & Howard)**  
Dinner Starts at 6:30 pm -  
Cash Bar



*Speaker & Presentation:* **Jack Laken, P.Eng. B.Sc., President Termobuild Canada**  
The Specialists in Thermal Mass and Energy Storage  
Presentation Starts at 8:00 pm

The presentation will be on one of the sustainable energy savings initiatives of the building. The building hollow core slabs given their intrinsic ability to store and distribute heating and cooling in any climate. panels are naturally able to retain heat and cool energy (a process known as “thermal storage”) to be released upon demand. From a technical perspective, the process of thermal storage that occurs via floors and ceilings works intuitively with fan-assisted ventilation that pushes the fresh air through a series of main ducts that are fed into smaller branch ducts, strategically placed within the larger hollow core slab structure. As air passes through the ducts, the concrete warms or cools the fresh air before supplying it to the occupied space.

*Parking:* **South of the Engineering Building off California St.**

*Cost::* **\$40 ASHRAE Windsor Chapter Member - \$50 Non-ASHRAE Windsor member / Guest**

RSVP to; **nathan.cook@jasel.ca by Monday, March 18, 2013**





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<b>May 22, 2013</b>	Historian Night (Past Presidents) & Student Activities Night

# Save The Date

## **DISTINGUISHED LECTURER**

When: **Wednesday April 17, 2013**

Where: **CEASARS WINDSOR**

Guest Speaker: **DEVIN A. ABELLON, P.E.**

Uponor North America, Phoenix, Arizona



Mr. Abellon is a registered professional engineer with over 17 years of experience in the HVAC field, designing systems for commercial, institutional, industrial, health care, and municipal projects. Mr. Abellon was Vice President and managing principal of LSW Engineers California, Incorporated in San Diego until 2009, when he accepted a position as Business Development Manager for Uponor North America. He now works closely with engineers throughout the country, supporting projects that integrate radiant heating and cooling strategies to maximize energy efficiency. Mr. Abellon earned his B.S. degree from the University of California at Santa Barbara in 1993. He is an active member of ASHRAE on the local chapter, regional, and Society level and is currently the Programs Subcommittee Chair for ASHRAE TC6.5 – Radiant and Convective Space Heating and Cooling, as well as a Regional Vice Chair in Region X.

Lecture Topic: **Embedded Tube Radiant Systems to Maximize LEED Points**

This program will cover the following topics:: Radiant Cooling Heat Transfer Fundamentals; Radiant Cooling Performance/ Capacity; Typical Construction Methods & Case Studies

Attendees will gain an understanding of how in-slab radiant cooling systems can be used as part of an energy-efficient design solution to maximize Energy and Atmosphere credits for LEED certification, and see examples of how this has been accomplished on projects both here in the United States and abroad.

www.ashrae.org/abepwebcast

Brought to you by the ASHRAE Chapter Technology Transfer Committee

## Presenters



Thomas E. Watson,  
ASHRAE President



Drury Crawley, Ph.D.



Jim Kelsey, LEED AP,  
P.E., BEAP



Christopher Mathis

# Assessing Building Energy Performance:

## *From Principles to Practice*

April 18, 2013 | 1:00 PM-4:00 PM EDT

This webcast will feature industry experts who will explain the importance of building energy performance and its far-reaching implications in both new and existing buildings. Viewers will also learn about the various tools and approaches that are available, as well as the many opportunities that assessing building energy performance presents.

### How to Participate

- You may register to view the webcast on your PC
- You may host a webcast viewing site for your colleagues
- View the webcast at a site

### PDH Credits

Three (3) Professional Development Hours (PDHs) or three (3) AIA Learning Units (LUs) may be awarded to viewers who complete the "Participant Reaction Form" by May 2, 2013.

For more information about the program, presenters, continuing education credits, sponsorships, and ABEP resources, please visit us at [www.ashrae.org/ABEPwebcast](http://www.ashrae.org/ABEPwebcast) OR scan this tag with your smart phone.



Get the free mobile app at  
<http://gettag.mobi>





## WEBCAST

Please join us on April 18, 2013 @ 1:00 pm, Mr. Davies from **Union Gas Limited** has graciously offer their facility to present the Webcast

*3840 Rohdes Drive Windsor Ontario 519 251 6824*

## ASHRAE Webcast to Focus on Building Energy Performance



Christopher Mathis  
MCSquared  
Asheville, NC

Drury Crawley  
Bentley Systems  
Washington, DC

Jim Kelsey  
kW Engineering  
Oakland, CA

ASHRAE's upcoming webcast, titled **Assessing Building Energy Performance: From Principles to Practice**, will broadcast live on **April 18, 2013, from 1:00 – 4:00 pm EDT**. This **FREE** webcast is brought to you by the Chapter Technology Transfer Committee.

"This webcast will focus on the importance of building energy performance and its far reaching implications in both new and existing buildings," said Andy Cochrane, Chair of the CTTC Webcast Ad Hoc Committee. "This program will help participants to recognize the opportunities that Assessing Building Energy Performance (ABEP) presents. From recognizing the different approaches, team skills, and knowledge needed to properly assess building energy performance, to the application of ASHRAE building audit levels, this webcast will provide viewers with an understanding of ABEP principles and practical application knowledge."

### **The webcast presenters are:**

Christopher Mathis, President, MC Squared, Asheville, NC

Drury Crawley, Ph.D, Director of Building Performance, Bentley Systems, Washington, DC

Jim Kelsey, LEED AP, PE, BEAP, Principal, kW Engineering, Oakland, CA

Online registration for the webcast will begin on March 18, 2013. For more information on the webcast program, sponsorship opportunities, continuing education credits, and ASHRAE resources related to assessing building energy performance, visit [www.ashrae.org/ABEPwebcast](http://www.ashrae.org/ABEPwebcast). If you have questions about the webcast, call 678-539-1200 or email [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).



## Canada Wide Science Fair Finalists 2012



(From left to right)  
Derek Churchill - Green Cleanup & Dr. M. Koschinsky, Dean of the Faculty of Science, University of Windsor  
Alexander Deans - IBELT-Training the Ear to See! & Dr. D. Thomas, Professor Emeritus, University of Windsor  
Brynn Charron - Wind Amplification Using a Multi-Stage Wind Turbine & Mr. J. Ullomy, Superintendent, WECD58  
Meagan Fabel - Catch the Solar Wave to Save! Phase Two & Mr. G. Leong, VP of Scientific Affairs, Jamieson Laboratories  
Candace Brooks-DaSilva (absent), Quick: Sound the Alarm  
(Photo by B. Iler)

### Past Donors to WRSTEF

A.A. Boscaroli & Associates Ltd. Académie Ste-Cécile International School Dr. Moussa's Vision Therapy Al Hija Academy Allegre Print & Imaging, Windsor Amec Earth & Environmental Ltd. An-Noor Islamic Private School American Society of Heating, Refrigeration and Air Conditioning Engineers Canada South Science & Discovery Centre Captain's Home Furnishing Conseil scolaire de district des écoles catholiques du Sud-Ouest D.C. McCloskey Engineering Ltd. Department of Earth Sciences, University of Windsor	Dillon Consulting & Research Center E.ON/Utilities Essex Region Conservation Authority Engineers of Ontario Faccia Inc. Faculty of Education, University of Windsor Faculty of Engineering, University of Windsor Faculty of Nursing, University of Windsor Faculty of Science, University of Windsor Genivar Inc. Golder Associates Ltd.	Greater Essex County District School Board Greater Windsor Horticultural Society Haddad Morgan and Associates Ltd. Interpud General Ltd., Chatham Isaac Technologies Corp. Jamieson Laboratories Landmark Engineers Inc. Mad Science NSERC, University of Windsor Ontario Association of Certified Engineering Technicians and Technologists Ontario English Catholic Teachers Association Office of the President, University of Windsor	Office of the Registrar, University of Windsor R. Lucette Engineering Inc. St. Clair College of Applied Arts and Technology Stantec Consulting Ltd. WE Tech Alliance Windsor Cardiac Centre (Dr. Wadwa Tarhani) Windsor Essex County Catholic District School Board Windsor Essex Chapter of Professional Engineers Ontario Windsor Family Credit Union Windsor Islamic Association Youth Science Ontario
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**Thank you to our sponsors!**  
**Looking forward to working with you in 2013!**

something **big**  
is coming to **Windsor**  
in **2014** ...

**The WRSTEF is hosting  
the Canada Wide  
Science Fair in May 2014!**

**Ask us how YOU can be a  
part of this exciting  
opportunity!**



**April 6th and 7th, 2013**

**Hosted by  
St. Clair College of Applied Arts and Technology  
South Campus, FCEM Building**

**www.wrstef.ca**

## A Message from the WRSTEF

Dear Sponsor,

Preparations for the 52nd annual **Windsor Regional Science, Technology and Engineering Fair (WRSTEF)** are well under way. Students from Windsor and Essex County (Grades 4 to 12) are encouraged to develop innovative projects in the various disciplines of science, mathematics, engineering, and technology. **Selected students** participate in the Windsor Regional Science, Technology and Engineering Fair. The **top students** from our fair will advance to compete nationally at the **Canada Wide Science Fair** in Lethbridge, Alberta in May 2013.

We are requesting your assistance in acknowledging and supporting the hard work, and reward the countless hours spent on our participants' science fair projects. Your financial contribution will be used for a **Sponsored Award** or for our **fair expenses**. Sponsored Awards typically include plaques, books, and cash bursaries. In-kind donations such as meals for participants and judges, medals, tables, printing, promotional items and other function needs are also gladly accepted.

Please contact our fundraising committee at [fundraising@wrstef.ca](mailto:fundraising@wrstef.ca) for further information. Thank you in advance for your consideration.

Yours in Science,

*Jill Bundun*

Jill Bundun  
Co-chairperson  
WRSTEF 2013

*Michel Larocque*

Michel Larocque  
Co-chairperson  
WRSTEF2013



Youth Science Canada  
Sciences jeunesse Canada



The WRSTEF is affiliated with Youth Science Canada and Youth Science Ontario, the umbrella organizations for more than 100 regional fairs across the country.

## WRSTEF 2012 Highlights

- Over **\$9,000** in cash, prizes, trips, scholarships and participant awards
- Activities included **Mad Science**, a chemistry magic show and hands-on activities
- All **Gold** medal recipients also received Dr. Moussa's Vision Therapy & Research Center Excellence Awards
- All **Silver** medal recipients also received Windsor Islamic Association Excellence Awards
- **30** WRSTEF students received Windsor Islamic Association Awards of Merit
- **5** WRSTEF students won all-expense paid trips to compete in the **Canada Wide Science Fair** in PEI
- **4** WRSTEF students received **silver or bronze medals** at the **Canada Wide Science Fair** in PEI

## Participation Highlights

Number of students : **255**      Number of projects : **189**  
Number of judges : **203**      Number of committee members : **17**  
Number of student volunteers : **19**

## Financial Information

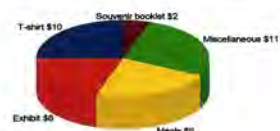
INCOME	2012	2011	2010
Donations/Sponsorship	\$24,950	\$16,700	\$20,900
Registrations	\$2,875	\$6,071	\$4,026
<b>TOTAL</b>	<b>\$27,825</b>	<b>\$22,771</b>	<b>\$24,926</b>

EXPENSES	2012	2011	2010
Administration	\$2,290	\$873	\$1,668
Fair Expenses	\$5,450	\$10,438	\$16,789
Awards	\$7,932	\$6,400	\$3,225
CSWF Expenses	\$11,461	\$3,889	\$5,266
<b>TOTAL</b>	<b>\$27,133</b>	<b>\$21,600</b>	<b>\$26,948</b>

The cost of each student participating in the fair is **\$40** and their registration cost is **\$12**.  
The remaining **\$28** comes from generous sponsors like yourself.

(Based on the participation of 300 students)





# ASHRAE Windsor Chapter

## NEWSLETTER

**April 05, 2013**

**AMERICAN SOCIETY OF HEATING REFRIGERATION  
AND AIR CONDITIONING ENGINEERS**

*Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W*

**Volume: 29 - Issue: 8**




*Next Meeting:*      **Wednesday April 17, 2013**

**DISTINGUISHED LECTURER**

**CAESARS WINDSOR**

Please confirm your attendance by calling James Smith @ 519 971 0005 or Email: [james.smith@jasel.ca](mailto:james.smith@jasel.ca)

**FUTURE MEETINGS:**

<i>Sept. 22, 2012</i>	<b>Kingsville Golf Club</b>	<i>Oct. 23, 2012</i>	<b>Lilly Kazzilly's</b>
<i>Nov. 20, 2012</i>	<b>Lilly Kazzilly's</b>	<i>Dec. 11, 2012</i>	<b>Christmas Social - TBA</b>
<i>Jan. 22, 2013</i>	<b>Tour-Aquatic Centre</b>	<i>Feb. 26, 2013</i>	<b>Tour-St.Clair College Chiller</b>
<i>Mar. 19, 2013</i>	<b>UofW-Tour CEI</b>	<i>April. 17, 2013</i>	<b>Caesars—DL Presentation</b>
<i>May 22, 2013</i>	<b>Beach Grove Golf Course</b>		

**CHAPTER OFFICERS & BOARD OF GOVERNORS**

<i>President:</i>	<b>James Smith</b>	(519) 971 0005
<i>President-Elect:</i>	<b>Dan Castellan</b>	(519) 253 3000
<i>Treasurer:</i>	<b>Sara Algudady</b>	(519) 817 9208
<i>Secretary:</i>	<b>Diane Beresh</b>	(519) 944 1898
<i>Past-President:</i>	<b>Gord Snell</b>	(519) 649 1700

**BOARD OF GOVERNORS**

<b>Greg Dufour</b>	519) 974 5800
<b>Nathan Cook</b>	519) 971 0005
<b>Jeff Cowling</b>	(519) 972 2727, x 4086
<b>Steve Koutsonicolas</b>	(519) 999 9954
<b>Bill Davies</b>	(519) 250 2355

**CHAPTER COMMITTEE'S:**

<i>Resource Promotion:</i>	<b>Steve Koutsonicolas</b>	(519) 999 9954	<i>Fac. Adviser-U of W Student Chapter</i>	<b>Dr. David Ting</b>	(519) 253 3000, x 2599
<i>Membership:</i>	<b>Nathan Cook</b>	519) 971 0005	<i>Reception:</i>		
<i>Technology Transfer:</i>	<b>Bill Davies</b>	(519) 250 2355	<i>Student Activities</i>	<b>Jeff Cowling</b>	(519) 972 2727, x 4086
<i>Historian:</i>	<b>Gord Snell</b>	(519) 649 1700	<i>Newsletter:</i>	<b>Dan Castellan</b>	(519) 253 3000, x 2164
<i>Fac. Adviser-St. Clair College Student Chapter</i>	<b>Jeff Cowling</b>	(519) 972 2727, x 4086	<i>CCTC-Refrigeration</i>	<b>Jon Palmer</b>	(519) 819 7805





Shaping Tomorrow's  
Built Environment Today

AMERICAN SOCIETY OF HEATING,  
REFRIGERATING AND AIR-CONDITIONING  
ENGINEERS, INC.

CHAPTER 141, WINDSOR, ONTARIO

## Windsor ASHRAE Chapter Welcomes



### **DEVIN A. ABELLON, P.E., Uponor North America, Phoenix, Arizona**

Mr. Abellon is an ASHRAE Distinguished Lecturer and a registered professional engineer with over 18 years of experience in the HVAC field, designing systems for commercial, institutional, industrial, health care, and municipal projects. Mr. Abellon was Vice President and managing principal of LSW Engineers California, Incorporated in San Diego until 2009, when he accepted a position as Business Development Manager for Uponor North America. He now works closely with engineers throughout the country, supporting projects that integrate radiant heating and cooling strategies to maximize energy efficiency.

### ***Using Embedded Tube Radiant Cooling Systems to Maximize LEED Points***

As more and more jurisdictions and building owners are requiring higher levels of LEED certification for their projects, design teams are looking beyond traditional HVAC solutions to provide the energy efficiency needed to maximize LEED points while maintaining occupant comfort and safety. In-slab radiant heating systems have enjoyed popularity both here in the United States and abroad for years. Now, with the availability of improved control systems and better understanding within the design and construction community, the same concept can be applied to radiant cooling as an energy-efficient and cost-effective solution.

Attendees will gain an understanding of how in-slab radiant cooling systems can be used as part of an energy-efficient design solution to maximize Energy and Atmosphere credits for LEED certification, and see examples of how this has been accomplished on projects both here in North America and abroad.

Please accept our invitation and pass along to others!

**Wednesday April 17<sup>th</sup>, 2013 at Caesars Windsor- Luna Room**

377 Riverside Dr E, Windsor, Ontario N9A 7H7,

Cocktails (cash bar) from 5:00pm, Gourmet Dinner 6:30 PM

Cost for Presentation and Dinner – ASHRAE Windsor members \$75 Non-members \$85

**Please RSVP by Thursday April 11, 2013 to JASEL Engineering**  
**[melissa.weldon@jasel.ca](mailto:melissa.weldon@jasel.ca) or phone 519-971-0005 x0 (leave message)**

Meal options:

(Please select one upon your reply)

#### **ENTRÉE**

1) Mustard Herb Crusted Chicken

2) Atlantic Grilled Salmon

3) Cider Glazed Pork Rack

Please indicate any Dietary Restrictions





# Windsor Chapter

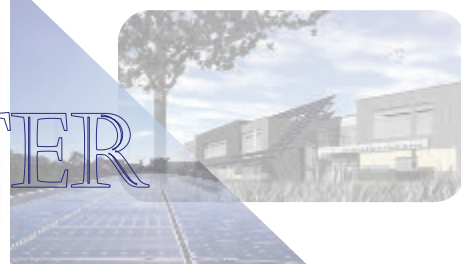
## NEWSLETTER

May 15, 2013

AMERICAN SOCIETY OF HEATING REFRIGERATION  
AND AIR CONDITIONING ENGINEERS



Baymar A/C Supply 3200 Jefferson Blvd. - Windsor - Ontario - N8W



Volume: 29 - Issue: 9

*Next Meeting:*

**Wednesday May 22, 2013**

**PAST PRESIDENTS**

**BEACHGROVE GOLF & COUNTRY CLUB**

**WINDSOR, ONTARIO**

Please confirm your attendance by calling James Smith @ 519 971 0005 or Email: [james.smith@jasel.ca](mailto:james.smith@jasel.ca)

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<b>CCTC-Refrigeration</b>	<b>Jon Palmer</b>	(519) 819 7805



## PAST PRESIDENTS NIGHT

AND

**Student Night**

### *University of Windsor Student Branch presentations:*

- 1) **"University of Windsor ASHRAE Student Branch 2012-2013"**  
by Student President Fama Fouladi
- 2) **"Geothermal Capstone"**  
by Olaoluwa Tubi.

### *University of St Clair College Student Branch presentations:*

- 1) **"St. Clair College ASHRAE Student Branch 2012-2013"**  
Year in Review by Student President Jason Hunt
- 2) **"Capstone Project—Energy Management Analysis"**  
by Dena Barette.

# April 17, 2013 - Distinguished Lecture Meeting









