



# Pile of Bones

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## President's Message

*By Carla Spriggs*

I would like to wish everyone a Happy New Year. I hope your time with family and friends was enjoyable and relaxing.

Thank you to Wayne Tkach for organizing the Christmas social this year. It was nice to see the spouse's join us for a little cheer and what a great show and supper. Hopefully we can support the Globe Theater with some of our future events.

Our campaign to raise money for ASHRAE Research is in full swing. I would like to thank all those that have already donated and encourage those that have not yet. If you are curious to know how your research dollars are used please see the brochure at the following link:

[www.ashrae.org/File%20Library/docLib/RPBrochures/Research-brochure.pdf](http://www.ashrae.org/File%20Library/docLib/RPBrochures/Research-brochure.pdf)

ASHRAE winter meeting is coming up in January. The winter meeting this year will be held in Dallas Texas from January 28<sup>th</sup> to 30<sup>th</sup>. This conference is a great opportunity to extend your education, see the newest HVAC products and network with people in the industry.

Our 50<sup>th</sup> Anniversary is on March the 27<sup>th</sup>. The Society President will be joining us to celebrate. We really look forward to an evening of fun for everyone to get together and say thank you to all the people that have given their time to ASHRAE Regina. Please plan to attend.

Alana has some great speakers planned, please see the following pages for a list. This month we are happy to welcome Mike Viale from Daikin presenting on Variable Refrigerant Systems. Our meeting will be held on January the 9<sup>th</sup> at the Hotel Saskatchewan. I look forward to seeing all of you.

### Meeting Notice

**Wednesday, January 9th, 2013**  
**Mike Viale – Variable Refrigerant Flow Systems**

**Hotel Saskatchewan**  
**Saskatchewan Room**

2125 Victoria Avenue, Regina Sk.

- 5:00 - Cocktails
- 5:45- Speaker
- 6:45- Supper
- 7:30 - ASHRAE Chapter Meeting

### Upcoming Events

January 26-30, 2013  
*ASHRAE Winter Conference & AHR Expo*  
*Dallas, TX*

*February 13, 2013*  
*Distinguished Lecturer: Alan Niles*

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## 2013 Meetings and Events

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January 26-30, 2013

*ASHRAE Winter Conference & AHR Expo*  
*Dallas, TX*

February 13, 2013

*Distinguished Lecturer: Alan Niles*  
*Design and Economics of Commercial Ground Loop Heat Pump Systems*

March 27, 2013

*ASHRAE Regina 50<sup>th</sup> Anniversary Celebration*  
*@ Regina Royal Golf Course*

April 10, 2013

*Student Night*

April 18, 2013

*ASHRAE Webcast : Assessing Building Energy Performance*

May 2-4, 2013

*Region XI CRC in Vancouver, B.C.*

May 15, 2013

*Speaker: TBD*  
*Airflow Management Best Practices for Data Centres*

June 2013

*ASHRAE Research Golf Tournament*



# Committee Chair Reports

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## Programs

*by Alana Yip*

Happy New Year! I hope everyone enjoyed the holiday season. Last month we had our chapter Christmas social, and it was fantastic! Wayne Tkach organized a great evening that included the Globe Theatre's performance of Wizard of Oz and some delicious entrees from Beer Brothers. Thanks Wayne!

January's meeting is scheduled for the 9<sup>th</sup>. Our presenter is Mike Viale of Daikin AC. He has over 11 years of experience in the HVAC field as a Design Engineer, Project Manager, and Sales Engineer. Mike earned an MBA from Drexel University and a Bachelor of Science in Mechanical Engineering from California State University, Chico. Mike will present and explain the AHRI Standard 1230. This is the world's first VRV/VRF testing standard for commercial equipment. It is also the first standard to include the total system, so EER, COP, IEER are inclusive of everything needed to make a system work. This standard just went live in the last year.

Please mark your calendars for January 9th.

## Historian

*by Bob England*

*Digging into the Past*

We're coming up very quickly on our 50<sup>th</sup> Anniversary Gala in a very few months time, and we'd like to pull together some photos and anecdotes of past meetings and events. Hopefully we can put together some sort of

presentation or display at the Gala if we get enough material. We'd like to see you send in some of your more memorable ASHRAE memories.

Some examples:

- There are some pretty good stories resulting from the heavy snowfall that took place during our 1983 CRC.
- I recall there were some pretty good stories about past John Ross Trophy participants (and if my memory were half decent I could recall the details).
- We've also had some past member characters that deserve not to be forgotten.

If you have anything (and I mean pretty much anything!) please give me a shout at 591-2052, or send through by email at [bob@rjengland.com](mailto:bob@rjengland.com).

## Past President & Research Promotion

*by Jason Danyliw*

We are currently at approximately 30% of our Research Promotion goal for this year, which is a good start, but also means that we have a ways to go to reach that goal. Thank you to those who have made a donation thus far, and I will be continuing to contact Chapter members over the next short while to ask for support to meet and surpass our Research goal.

See you all at the upcoming January meeting.

## What's New in ASHRAE

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### ***Proposals to Keep Water from “Going Down the Drain” Made for Green Building Standard***

ATLANTA – Measures to improve water efficiency, including limitations on full-flush volume for toilets and use of municipal reclaimed water for irrigation, are being proposed for a green building standard. ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings, provides a design standard for those who strive for high performance buildings. It covers key topical areas of site sustainability, water-use efficiency, energy efficiency, indoor environmental quality and the building's impact on the atmosphere, materials and resources.

The changes regarding water are proposed via addendum v, which is open for public review from Nov. 30-Jan 14, 2012. To comment on the proposed changes or for more information, visit [www.ashrae.org/publicreviews](http://www.ashrae.org/publicreviews).

### ***Standard for High Performance Green Health Care Facilities Open for Public Review***

ATLANTA – A prescription for the design, construction and operation of high performance health care facilities would be provided through a proposed standard from ASHRAE and the American Society for Healthcare Engineering (ASHE).

“Healthcare facilities are often the largest and most energy intensive buildings in a community,” Standard 189.3 committee chair Michael Sheerin said. “In today’s competitive and regulated market, these facilities are challenged to provide capital for increasingly complex new buildings that meet sustainability objectives as they experience decreasing finances for life-sustaining services. In addition, health care facilities are home to services that require energy use for patient safety.”

ASHRAE/ASHE Standard 189.3P, Standard for the Design, Construction and Operation of Sustainable High-Performance Health Care Facilities is open for public comment from Dec. 7, 2012-Jan. 21, 2013. Visit [www.ashrae.org/publicreviews](http://www.ashrae.org/publicreviews) for more information.

### ***Chiller Efficiency Improvements Proposed for Standard 90.1***

ATLANTA – Chiller efficiencies for air and water cooled chillers would be boosted to more than 20 percent under a proposed addendum to the ASHRAE/IES energy standard.

Proposed addendum ch to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings, changes the requirements for air and water cooled chillers as defined in section 6.4.2.1 and the efficiency requirements listed in table 6.8.1C. This change is a continuation of the efficiency improvements that were implemented in 2010 by further improving the efficiency requirements, according to Dick Lord, a member of the committee who developed the proposal through a working team of the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) chiller section.

Addendum ch is open for public review from Nov. 30, 2012-Jan. 14, 2013. For more information, visit [www.ashrae.org/publicreviews](http://www.ashrae.org/publicreviews).

### ***Is Moisture an Unwanted ‘Occupant’ In your Building? ASHRAE Seminar Shares how to Remove It***

ATLANTA – No designer wants to see the unwelcome guests of mold and mildew show up in their building. Guidance on how to prevent moisture that causes their appearance is offered in several sessions at ASHRAE’s 2013 Winter Conference in Dallas.

# What's New in ASHRAE

Brought to you by the ASHRAE Chapter Technology Transfer Committee


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


**FREE ASHRAE Webcast**


**Assessing Building Energy Performance: From Principles to Practice**


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

**Presenters**

 Thomas E. Watson, ASHRAE President

 Darryl Crowley, Ph.D.

 Jim Bullock, LEED AP, P.E., ASHRAE

 Christopher Mathis

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>

**ASHRAE**

**ASHRAE NAC Hosts**  
**John Ross Open**  
**2013**

**Saturday, March 2, 2013**  
 Granite Curling Club  
 8620 107 St.

**Please join us for fun, food & prizes!**  
 Enter your team today! Compete with teams from across ASHRAE's Region XI for the historic John Ross title.

**10:00 am start time**  
 Dinner and prizes to follow

*In an effort to revive the John Ross Open as a regional event, NAC would like to host one team per chapter.*

Teams would be responsible for their accommodations, transportation and meal tickets at the spiel (\$20/plate). Currently NAC has budgeted for five teams, so please sign up ASAP to ensure your spot.

**Register by Feb. 25<sup>th</sup>** at [www.ashraenac.org/tickets](http://www.ashraenac.org/tickets)  
 Questions or comments? [curling@ashraenac.org](mailto:curling@ashraenac.org)

A block of rooms has been set aside at the Varscona Hotel on Whyte 8208 106th street | 1-780-434-6111 | [www.varscona.com](http://www.varscona.com)

**Prize donations gladly accepted**  
 A Northern Alberta Chapter Social Event  
 Non-members welcome



## 12-2013 ASHRAE Regina Board of Governors

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## Regional & Society Executive

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### *Regional XI Executive*

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*Benz Air Engineering Co. Inc.*

Assistant Regional Chair  
Erich Binder,  
*Erich Binder Consulting Ltd.*

Membership RVC  
Murdoch MacPherson,  
*MacPherson Engineering Inc.*

Research Promotion RVC  
Ryan MacGillivray,  
*Daniels Wingerak Engineering Ltd.*

CTTC RVC  
Leslie Johsson,  
*CDI Engineers*

Student Activities  
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*Ecco Manufacturing*

Nominating Alternate  
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*Bonneville Power Administration*

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