



# Pile of Bones

Published by the Regina Chapter of ASHRAE

## President's Message

By Carla Spriggs

I would like to thank Alana Yip for running the November tour of Arcola Community School as well as Greg Fluter and Adeel Choudhry for their presentations and tour. I heard the tour was a great success.

I want to take this opportunity to remind everyone that the ASHRAE winter meeting is coming up in January. The winter meeting this year will be held in Dallas Texas from January 26<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.

Alana has some great programs set up in the New Year so please add the dates to your calendar as well as our 50<sup>th</sup> Anniversary on March the 27<sup>th</sup>. The Society President will be joining us to celebrate our 50<sup>th</sup> Anniversary. 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 over the years. Your hard work has allowed us to thrive for the last 50 years.

Thank you to Wayne for organizing the Christmas social this year. I look forward to seeing everyone at the Globe Theater on Wednesday this upcoming week for a little seasonal cheer.

I wish you and your families' happiness and prosperity for the New Year!

### Meeting Notice

**Wednesday, December<sup>th</sup>, 2012**  
**ASHRAE Christmas Social**

#### **Beer Bros & Globe Theatre**

*On Scarth Street*

5:00 – Cocktails and Supper at Beer Bros

7:30 – Globe Theatre – Wizard of Oz

### Upcoming Events

January 9, 2013

*Speaker: Mike Viale*

*AHRI 1230: Variable Refrigerant Flow Systems*

January 26-30, 2013

*ASHRAE Winter Conference & AHR Expo  
Dallas, TX*

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## 2012-2013 Meetings and Events

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December 12, 2012

*Christmas Social*

*Globe Theatre – Wizard of Oz*

January 9, 2013

*Speaker: Mike Viale*

*AHRI 1230: Variable Refrigerant Flow Systems*

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*

I'd like to thank Adheel Choudry and Greg Fluter for presenting last month and to Greg for helping organize the tour of Arcola Community School. This month is our Christmas Social and I hope you all had the chance to get your tickets. Wayne Tkach has organized a great evening that includes the Globe Theatre's performance of Wizard of Oz.

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.

It is hard to believe, but the holiday season is now upon us again. I would like to take this opportunity to wish you and yours a very Merry Christmas and health and prosperity for the New Year!

## Student Activities

*by Jared Larson*

Over the past month we have had some great opportunities to further work with the students. Janel, Carla and I volunteered to be judges in the Regina engineering competition. The winners from this competition will advance to the Western Engineering Competition in BC. We also had a great turnout for our laser tag event – 15 students and 10 ASHRAE members. This event seemed to really make an impression on several students, and I have seen an increasing interest for membership and through the Facebook page. Right now we are reaching about 1500 people through this page. I have been posting photos of various events onto the student page

<http://www.facebook.com/AshraeReginaSaskatchewanStudentChapter>.

In the New Year, I will be starting with the engineers building engineers program. We need volunteers and sponsorship for these events. I will be doing a weekly program with an inner city school to provide a meal and teach a little bit of engineering, similar to what Stefan had done at our last meeting. I have had some people come forward and volunteer some time. I will be sending out an email later this month as a reminder.

The WEST E.M. is approaching at the university, and it sounds like the RESS would be interested in possibly having ASHRAE to a Technical presentation, and maybe sponsor a social event. If anyone has a specific interest in supporting this, please let me know.

## Committee Chair Reports Continued

### Past President & Research Promotion

*by Jason Danyliw*

I would like to thank all donors (both companies and personal) who have made a donation so far this year, as we are well on our way again to having a successful ASHRAE Research campaign. I will be continuing to contact members over the next short while, and I trust that I can count on the same support that we have seen in previous years from our Chapter to meet and surpass our Research goal.

See you all at the upcoming Christmas Social.

### Historian

*by Bob England*

It's hard to believe that it has been all of 50 years since the Chapter was formed in March '63, but that means we have a 50<sup>th</sup> Anniversary coming up. Rob will be filling you in a bit on the 50<sup>th</sup> Anniversary Celebrations, and over the next few months I'm hoping to be able to bring you some of the stories and individuals that we have had as part of our group in the past.

If you have anything you'd like to share with us, please feel free to let me know and I'll see that it gets published in the Pile 'o Bones.

I think now would be a good time to reflect on those individuals who help build our Chapter as Chapter Presidents over the years. Not so much of a reflection I guess, but rather a list.

Bob Yoneda	'62/'63 and '63/'64	Jerry Boulanger	'86/'87
Bill Herr	'64/'65	Brian Cowan	'87/'88
Reg Briggs	'65/'66	Wayne Hydeman	'88/'89
Tor Springstein	'66/'67	Bill Wright	'89/'90
Len Wilkinson	'67/'68	Murdoch MacPherson	'90/'91
W.C. Borley	'68/'69	Craig Nelson	'91/'92
George Mitchell	'69/'70	Guy Sander	'92/'93
Vern Gross	'70/'71	Darrell Frycz	'93/'94
Carl Balzer	'71/'72	Trent Theaker	'94/'95
Trevor Harle	'72/'73	Grant Dawson	'95/'96
Ron McMaster	'73/'74	Neil Paskewitz	'96/'97
Les Miki	'74/'75	Devon Shishowski	'97/'98
Alex Sojonky	'75/'76	Jack Lyons	'98/'99
Ari Dumont	'76/'77	Dwaine Pho	'99/'00
Ken Hamblin	'77/'78	Rod Broom	'00/'01
Jack Scott	'78/'79	Ray Sieber	'01/'02
Allan Thomson	'79/'80	Murdoch MacPherson	'02/'03 and '03/'04
Peter Hughes	'80/'81	Rob Craddock	'04/'05 and '05/'06
Marven Hounjet	'81/'82	Shawn Wedewer	'06/'07 and '07/'08
Bob England	'82/'83	Ted Cooke	'08/'09
Richard Tapp	'83/'84	Greg Fluter	'09/'10
Jim Sawers	'84/'85	Heric Holmes	'10/'11
Carol Chernick/'Smith	'85/'86	Jason Danyliw	'11/'12

## What's New in ASHRAE

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### ***ASHRAE Technology Awards Highlight Outstanding Building Projects***

ATLANTA – Engineers play a vital role in their communities, working to provide safe, comfortable and energy efficient buildings for everyone from students to firefighters. The winners of the 2013 ASHRAE Technology Awards have proven the value of engineering in their communities with the design of a fire station, hospital, university recreation center, nature museum, offices and even a national energy laboratory.

### ***Roll Call: ASHRAE Responds ‘Present’ in STEM Education Efforts***

ATLANTA—The United States produces approximately 74,000 engineers a year, a number that has remained essentially flat for the past two decades. With the impending retirement of the Baby Boomer generation, an anticipated shortage of engineers will affect virtually every aspect of our environment, society and lifestyle. ASHRAE is increasing its efforts in expressing the importance of science, technology, engineering and math (STEM) education – most notably, in the area of public policy.

To accomplish this, ASHRAE has joined the STEM Education Coalition. The Coalition works to inform federal, state and local policymakers on the critical role that STEM education plays in keeping the U.S. competitive in the global marketplace, as well as in guaranteeing future economic prosperity. The Coalition advocates for policies that will improve STEM education and provide greater access to STEM programs. As members of the Coalition’s Leadership Council, ASHRAE will work with other member organizations to advance the Coalition’s policy aims through direct advocacy and grassroots education efforts.

ASHRAE also provides resources for its members to reach out to schools and students to promote STEM education. An online resource guide for kindergarten through 12th grade is available at [www.ashrae.org/ashraek12](http://www.ashrae.org/ashraek12). The site includes suggested classroom projects, career videos from the Society and materials for teacher use.

### ***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).

# 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 Bulsey, LEED AP, P.E., BSAE

  
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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*President*

Carla Spriggs  
HDA Engineering Ltd.  
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*Past President & Research Promotion*

Jason Danyliw  
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*President Elect & Programs Chair*

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<http://regina.ashraechapters.org/>

## Regional & Society Executive

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### *Regional XI Executive*

Director & Regional Chair  
Kevin Marple,  
*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  
Stefan Lidington,  
*Oregon Air Reps*

Regional Treasurer  
Rob Craddock,  
*Inland Metal Manufacturing*

Nominating Delegate  
Norm Grusnick,  
*Ecco Manufacturing*

Nominating Alternate  
Eileen Jensen,  
*Bonneville Power Administration*

### *Society Executive*

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