

## President's Message

By Alana Yip

Please join us this month to hear ASHRAE Society Treasurer and Distinguished Lecturer David Underwood present to us on ASHRAE Standard 90.1 - Energy Standard for Buildings Except Low-Rise Residential Buildings. He brings a great deal of knowledge on the standard so I encourage you to come learn more about this standard and ways that you could apply it to your work. This meeting will be held at the Hotel Saskatchewan on the 20<sup>th</sup>.

Wayne Tkach has once again put together a great evening for our Christmas social. It will be held on Thursday, December 12<sup>th</sup> and we will be enjoying dinner at Beer Brothers and the Globe Theatre's seasonal production of Sleeping Beauty. The poster and registration form are attached to the newsletter, so make sure you RSVP to Wayne at [w.tkach@mac-eng.ca](mailto:w.tkach@mac-eng.ca) to secure your spots as tickets are going quickly. Registration deadline is Friday, November 22<sup>nd</sup>.

Brad has issued the chapter dues invoices for the year. If you have not received one, please contact him at [b.huber@cypressales.com](mailto:b.huber@cypresssales.com) and we will ensure you are issued one promptly. Please remit payment as soon as possible, and thanks to those who already have.

### Meeting Notice

Wednesday, November 20<sup>th</sup>, 2013

#### **Hotel Saskatchewan**

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

### Upcoming Events

December 2013:  
*Christmas Social*  
*At Globe Theatre*

January 7, 2014:  
*Presidential Visit, Hotel Sask*

February 12, 2014  
Devon Abellon  
*Radiant Cooling Energy Transfer*

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## Pile of Bones

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### President's Message Continued

The Northern Alberta ASHRAE Chapter is hosting the John Ross Curling Tournament again in Edmonton this year. It is on March 8<sup>th</sup>, 2014. It would be great to have a Regina team there, so if you are interested in participating, please let me know. Last year Kris Pockett and Brandon Watson attended if you want to know more about it.

If you are going to the ASHRAE Winter Conference in New York, consider booking your hotel soon. The ASHRAE host hotel is fully booked, but there are options in the vicinity of the venue.

See you on the 20<sup>th</sup> at the Hotel Saskatchewan!

Alana



**Congratulations to Alana and Will Yip on the birth of their second daughter, Isla Jane Yip. Isla was born on September 25, 2013 at 10:56 am, weighing 7 lbs, 8 oz.**

## 2013-2014 Meetings and Events

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November 20, 2013

Distinguished Lecture:

David Underwood

*Standard 90.1*

Distinguished Lecturer: Lily Wang

*Improving Noise Concerns in Classroom Environments*

December 2013

*Christmas Social*

April 9, 2014

Student Night and RVC visit from Leslie Jonsson

January 7, 2014

Presidential Visit Bill Bahnfleth

April 17, 2014

ASHRAE Webcast

*Energy and Water Efficiency without Compromising IEQ*

January 18-22, 2014

ASHRAE Winter Conference

New York City, New York

May 1-3, 2014

Region XI CRC in Mid Columbia

February 12, 2014

Distinguished Lecture:

Devon Abellon - *Radiant Cooling*

*Energy Transfer Fundamentals*

May 14, 2014

Speaker: TBD

March 11, 2014

June 2014

ASHRAE Research Golf Tournament



## **AHRI Low-GWP AREP Conference**

**January 16, 2014 • New York City  
New York Hilton Midtown**

## Committee Chair Reports

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### Programs

*by Janel Walter*

This month we have the pleasure of having David Underwood, P. Eng. present to our Chapter on ASHRAE Standard 90.1 and some of the main differences in the process of developing this standard over other building standards.

David Underwood is a Fellow Life Member, ASHRAE-Certified Commissioning Process Management Professional and is retired and resides in Oakville, Ontario.

Mr. Underwood founded Isotherm Engineering Ltd. in 1975. The corporation is still active in the HVAC&R industry. He was a volunteer Board member of ORAC (The Ontario Refrigeration and Air Conditioning Contractors Association) for many years and served in all executive positions.

As a former vice president of ASHRAE, Underwood was a member of the Board of Directors and the Executive committee and served as chair of Publishing and Education Council.

“Serving on the Board of Directors affords the opportunity to view and review our activities from the perspective of the whole membership,” he said, speaking about the greatest opportunity facing ASHRAE. “With

this opportunity comes great responsibility to rationally debate the issues among the Board members to seek the best solutions for our collective membership. The greatest opportunity and possibly the greatest challenge is to engage the grassroots member with the same passion and commitment of the Board for the technical activities of the Society. It is our challenge to excite the whole membership with our commitment to our industry and our future in it.”



David Underwood

Other service includes member of the Toronto Chapter Board of Governors and Honors and Awards Committee and liaison to the Building Energy Quotient Ad Hoc Committee.

## Committee Chair Reports Continued

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He formerly served as director-at-large on the Board of Directors; a member of the Planning Committee and Foundation Trustees; and chair of the Commissioning Process Management Professional certification subcommittee. He currently serves on the Conferences and Expositions Committee (CEC) as well as the Research Promotion Committee (RP).

### **Student Activities**

*By Jared Larson*

I would like to congratulate our newest student members: Stephen Melle, Justin Stack, Nicole Barber, and Nwakaku Okere, it is great to have young enthusiasm in our industry.

In October we had a display table set up at the volunteer fair, raising awareness of our work with elementary school kids. We had interest from many students who want to help out. It was also interesting that not all students who showed interest were from an engineering background. This plays a large role in raising awareness of our industry to those not directly connected to construction. I believe these partnerships

have huge potential in the long term. Thank you to Carla and Alana for your help ‘manning’ the booth. I will be starting at Mother Teresa Middle school on the 14<sup>th</sup>. Our partnership/mentorship program with Arcola School will have a kick off on the 15<sup>th</sup>. They are starting in a new competition program with four schools. What we begin at this school this year will open many doors and opportunities in the near future.

Thank you also to Dan, Patrick, Warren, and Josh who volunteered as judges for the REC competition. The students had to design an egg car that would take a large impact while protecting the egg in 2 consecutive collisions. Minor injuries were incurred...to the eggs only. There were other categories of competition involving programming for robotics and investigation reports. The finalists will go on to compete at WEC. The U of R will be looking to host the WEC competition. If anyone has interest in supporting this please let me know so that I can put you in contact with the organizers.

## Committee Chair Reports Continued

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### Grassroots Government Activities Committee Chair (GGAC)

*By Jason Danyliw*

The ASHRAE Regina & Saskatoon Chapters are in continued support for the adoption of an energy code for commercial buildings, as that can contribute to sustainable and energy efficient buildings across Saskatchewan. There have been a few previous meetings with our ASHRAE Regina Chapter and the Saskatchewan Building Inspectors to discuss the ASHRAE 90.1-2010 Standard, and the viability of that standard being adopted as our Saskatchewan energy code for commercial buildings.

ASHRAE Standard 90.1 offers minimum efficiency guidelines for new portions of buildings and their HVAC systems, as well as new systems and equipment in existing buildings and plans for building operation and maintenance. The Province of B.C. has recently adopted the ASHRAE 90.1

Standard for their building inspectors. So discussions are in place for Saskatchewan to follow this lead with the ASHRAE 90.1 Standard requirements commonly being reflected and incorporated into other model energy codes and standards.

Rob Craddock and myself have another meeting scheduled for Wednesday November 20, 2013 with the Chief Building Official of Saskatchewan to present some information on ASHRAE 90.1, and continue the discussion to adopt an energy code for commercial buildings. The sense is that this could be a lengthy process for a code to be adopted as the governing bodies would like input for all available and pertinent groups. But we will keep you updated with any progress and how the meeting goes.

## Committee Chair Reports Continued

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### **Past President & Research Promotion**

*by Carla Spriggs*

At centralized training I learned a little bit about the ASHRAE Foundation. I was not aware that the Foundation existed and I thought maybe I was not alone. So this month I would like to give you some information. The Foundation was started in 1994 to provide perpetual, endowed support for research and scholarships. The foundation has a minimum contribution of \$3,000 to start an endowment but that amount can be spread across three years of \$1,000 donations. The investment earns a set 5% interest annually and is managed by professionals. Every year the 5% earnings are donated into ASHRAE Research in the donor's name and the principal is never touched. After the original \$3,000 endowment is made contributions can be added to it in any denomination you like in the following years. These

endowments have been created as a lasting memorial or honorarium for a donor or as a personal donation and can be set up by an individual, company or group of donors.

If you have any interest in an endowment you can see more information on the Foundation at <http://foundation.ashrae.biz/> or let me know and I can get you any further information you would like.

I wanted to say thank you to the chapter for purchasing the 50/50 tickets in September. Our chapter was able to donate \$160.00 to the Lynn G. Bellenger \$5,000 endowed scholarship. Lynn Bellenger was the first female ASHRAE President in its 114 year history and her scholarship is for young female Engineering students. I had the pleasure to meet her when she visited our chapter in January of 2011 during her Presidential year and she was an inspirational lady who truly had a passion for engineering.



## Minutes from Previous Meeting

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Meeting Date: October 10, 2013

Attendance:

Members:

Guests:

Joint Meeting: No

1. PRESIDENT REPORT (Alana Yip)
  - Asked to make sure we RSVP for dinner.
  - David Underwood coming on Nov 20<sup>th</sup>.
  - Drop off nametags.

2. COMMITTEE CHAIR REPORTS

Secretary – (Kris Pockett)

- Read minutes from September 11-13
  - Carla motioned to accept
  - Peter Whiteman seconded.

Past President- (Carla Spriggs)

- \$145.00 for 50/50
- Terry White won 50/50

President Elect- (Janel Walters)

- Discussed seminar with Ralph Keiser on how to brand yourself.

Membership Promotion- (Greg Fluter)

- NTR

Student Activities- (Jared Larson)

- Discussed laser tag event held October 1-13
- Discussed volunteers for engineers helping engineers.
- Science centre working on housing display on energy efficient homes. Hoping to get more involved.
- K-12 program gearing up. More info to follow.
- Rec competition need judging. Mini design competition held at the university.

Historian- (Greg Fluter)

- NTR

Ways & Means- (Wayne Tkach)

- Announced globe theatre for Dec 10 or 12. Will be sending e-mails for feedback.

Treasurer- (Brad Huber)

- NTR

GGAC- (Jason Danyliw)

- NTR

Newsletter- (Dan Brothers)

- NTR

3. NEW BUSINESS

4. OLD BUSINESS

5. ADJOURNMENT (7:22 )

- Motioned By – Jerry Boulanger
- Seconded By – Brad Huber



## What's New in ASHRAE

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### **ASHRAE Publishes 2013 Version of IAQ Standard**

The 2013 version of ASHRAE's indoor air quality standard contains several revisions to help users better meet its requirements.

Newly published, ANSI/ASHRAE Standard 62.1-2013, *Ventilation for Acceptable Indoor Air Quality*, sets minimum ventilation rates and other requirements for commercial and institutional buildings.

The 2013 standard combines the 2010 standard and 10 published addenda to that edition, providing an easy-to-use consolidated standard. Specific information on the contents of each addendum and approval dates for each addendum are included in Informative Appendix J at the end of the standard.

The cost of ANSI/ASHRAE Standard 62.1-2013, *Ventilation for Acceptable Indoor Air Quality*, is \$79 (\$67 ASHRAE members). To order, contact ASHRAE Customer Contact Center at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 678-539-2129, or visit [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore)

### **Building Energy Disclosure Session Offered by ASHRAE at AHR Expo**

Disclosure requirements and transparency through programs such as fuel efficiency in automobiles and calorie labeling in restaurants have been shown to shift producer and consumer behavior. The same principles are also being applied to building energy use, where energy use reporting and open data impact market behavior and drive energy efficiency. The implications of the growing trend in disclosure policies are examined in a free session offered by ASHRAE at the 2014 AHR Expo. ASHRAE's 2014 Winter Conference takes place Jan. 18-22, 2014, New York City, N.Y. Held in conjunction with the 2014 Winter Conference is the International Air-Conditioning, Heating, Refrigerating Exposition, Jan. 21-23, 2014.

ASHRAE's AHR Expo Session, "Trends in Building Energy Disclosure: Increasing Energy Efficiency without Retrofits," takes place from 3-4 p.m., Tuesday, Jan. 21, in the South Concourse, second level. No badge or ticket required. Attendees will earn 1 NY PDH, 1 AIA Learning Unit and 1 LEED AP credit. Energy disclosure requirements, now required in seven U.S. cities and numerous European Union countries, require periodic reporting of energy consumption for certain buildings.

## 2013-2014 ASHRAE Regina Board of Governors

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### *President*

Alana Yip  
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### *President Elect & Programs Chair*

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### *Vice President & Newsletter*

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## Regional & Society Executive

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### *Regional XI Executive*

Director & Regional Chair

Kevin Marple

*Benz Air Engineering Co. Inc.*

Assistant Regional Chair

Keith Yelton

*ACI Oregon*

Membership RVC

Bruce Dobbs

*NW Natural*

Research Promotion RVC

Ryan MacGillivray

*Daniels Wingerak Engineering Ltd.*

CTTC RVC

Leslie Jonsson

*CDi Engineers*

GGAC RVC

Jeff Hurd

*Anchorage Water & Wastewater Utility*

Student Activities

Stefan Lidington

*Oregon Air Reps*

YEA

Kyle Hasenkox

*DEC Design*

Regional Treasurer

Rob Craddock

*Inland Metal Manufacturing*

Historian

Doug LeCren

*ConocoPhillips*

Nominating Delegate

Norm Grusnick

*Ecco Manufacturing*

Nominating Alternate

Eileen Jensen

*Bonneville Power Administration*