

President's Message

By Carla Spriggs

Please join us this month for ASHRAE Distinguished lecturer Sheila Hayter speaking about Integrating Renewable Energy Systems into Buildings. I have had the pleasure of seeing Sheila speak before and she has some very good information to pass along to us so please try to attend. See Alana Yip's Article for further information. We have also asked Sheila Hayter to help us hand out the chapter awards that we received at last year's Chapter Regional Conference to the members of our chapter.

Kris has issued the chapter invoices for this year so if you have not received one please contact him at pockett@accesscomm.ca or myself at cspriggs@hdaeng.com and we will have one promptly issued for you.

Jared Larsen our student activities chair organized a booth this year at the University of Regina Career fair on September the 24th to promote ASHRAE to the students. He was able to get some of our chapter members to agree to take on a Co-op student for a work term in the spring. Our hope is to have the students become more involved with the chapter and I believe this gave us some very good exposure. Thank you to Jared and all the chapter members that took time to help man the booth, offer work terms and promote our chapter.

Next month Alana has organized a tour of the new Arcola School building with supper at the Four Seasons restaurant. Then in December Wayne Tkach has organized our Christmas social for December the 12th for supper at Beer Brothers and The Wizard of Oz at the Globe Theater. Please respond early to both of these events as space is limited for both nights.

Meeting Notice

Wednesday, October 10th, 2012
**Sheila Hayter – Integrating Renewable Energy
Systems into Buildings**

Hotel Saskatchewan

2125 Victoria Avenue, Regina Sk

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

Upcoming Events

November 14, 2012
Arcola School Building Tour

December 12, 2012
Christmas Social

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Pile of Bones

President's Message Continued

Every year our chapter has been holding a one or two day seminar in the spring for the continuing education of our chapter. Please contact myself or Alana Yip if you have any ideas on what you would like to see for a topic for this year's seminar. Jared is looking for ideas from the chapter for the fourth year engineering student projects as well. Please contact him at j.larson@mac-eng.ca if you have ideas to offer.

I look forward to seeing everyone at the October meeting at the Hotel Saskatchewan and please feel free to contact me with any concerns or comments.



 **ASHRAE** | Tools for Designing
High Performance Buildings
ENERGY MODELING CONFERENCE | October 1-3, 2012

2012-2013 Meetings and Events

October 10, 2012

*Distinguished Lecturer: Sheila Hayter
Integrating Renewable Energy Systems into Buildings*



November 14, 2012

Arcola School Building Tour

December 12, 2012:

*Christmas Social
Globe Theatre – Wizard of Oz*

January 9, 2013

*Speaker: TBD
Variable Refrigerant Volume Systems*

January 26-30, 2013

*ASHRAE Winter Conference & AHR Expo
Dallas, TX*

February 13, 2013

Speaker: To be confirmed

March 28, 2013 (Thursday)

*ASHRAE Regina 50th 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

Programs

by Alana Yip

We had a great kick off to the new ASHRAE year last month with Mark Sylvester from Armacell LLC presenting on elastomeric foam insulation. Thanks to those in attendance.

This month I'm excited that we have the privilege of having Sheila Hayter, P.E., an ASHRAE Distinguished Lecturer, with us presenting on Integrating Renewable Energy Systems into Buildings. Sheila Hayter is the Project Assessment and Development Section Manager within the Integrated Applications Center (IAC) of the U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) in Golden, Colorado. In this capacity, she leads a team of technical and policy experts who support federal, state, and local entities on energy efficiency (EE) and renewable energy (RE) topics with the goal to make significant reductions in non-renewable energy consumption through energy efficiency and increased use of RE technologies. Since joining NREL in 1992, Sheila's work has included serving on the Organizing Committee and leading the subjective judging component of the 2002, 2005, and 2007 DOE Solar Decathlons, managing sustainable buildings activities funded by the DOE Federal Energy Management Program, managing the Photovoltaics (PV) for Buildings activities funded by the DOE Solar Program, evaluating building performance during the design and monitoring phases to support the DOE High Performance Buildings Program, and writing papers, giving conference presentations, and developing/giving training related to high-performance buildings. Sheila is registered professional engineer in the State of Colorado.

Sheila served on the ASHRAE Board of Directors as a vice president (2009 – 2011) and also as a Director at Large (2005 – 2008). She chaired the Publications and Education Council, has served on Technology Council, Finance Committee, Planning Committee Society Rules Committee, Research Activities Committee (chair 2004 – 2005), Continuing Education Committee (chair 1998 – 1999), and ASHRAE Program Committee. She chaired the Greening ASHRAE Meetings and Exposition presidential ad hoc committee (2006 – 2008), and was a member of the Building Energy Labeling, ASHRAE Logo, Globalization Roadmap, and Strategic Plan IV ad hoc committees as well as served as a member of the Advance Energy Design Guide Steering Committee. In addition, Sheila has served in leadership roles of many technical committees. Sheila was named an ASHRAE Fellow in 2008.

Her presentation introduces technical opportunities, means, and methods for incorporating renewable energy (RE) technologies into building designs and operations. Sheila will give an overview of RE resources and available technologies used successfully in the USA to offset building electrical and thermal energy loads. Methods for applying these technologies in buildings and the role of building energy efficiency in successful RE projects will be addressed. The speaker will discuss issues related to connecting RE systems to existing electrical grids and offer tips for implementing successful RE projects. Finally, she will summarize ASHRAE activities related to and/or in support of RE applications in buildings.

Committee Chair Reports Continued

Programs Continued

Next month we will be touring the newly built Arcola Community School. We will be meeting at the Four Seasons for dinner prior to the tour. Please note the location change this month!

Our Christmas Social is booked for the year. Mark your calendars for Wednesday, December 12th. We will be starting with supper at Beer Brothers and then heading to the Globe Theatre for their production of Wizard of Oz. Watch your email for further details soon as we need to know numbers shortly.

This coming March ASHRAE Regina is celebrating their 50th Anniversary. We will be having an event that month for the anniversary rather than our typical chapter meeting. It is scheduled for Thursday, March 28th. Tom Watson, ASHRAE Society President, will be joining us for this event as well. Mark your calendars – you don't want to miss it!

If at any time you have feedback on the programming, please contact me at Alana.yip@sasktel.net.

Looking forward to seeing you on October 10th at the Hotel Saskatchewan!

Membership Promotion

by Greg Fluter

A big thank you to Jared Larson for arranging our booth at the UofR Career Fair, and also for spending his entire day and evening at the event. My understanding is there was quite a bit of interest in ASHRAE from many of the students (maybe it was the draw for the ipod...whatever works!). It sounds like we'll have quite a few students interested in becoming Student Members of ASHRAE. Our Chapter pays the cost of all Society Student Memberships which includes the yearly Fundamentals books.

The next chapter meeting will be one of our "Membership Nights". Please bring along a colleague with you to the meeting who you think may be interested in becoming a member.

Also, for those of you who are "Associate" Members please consider upgrading to "Full Member". It's just requires updating your bio online (www.ashrae.org) and to notify membership@ashrae.org that you have an updated bio and wish to be considered for grade advancement. I will be contacting some of our Associate Members to see if I can convince them to upgrade.

Please remember to renew your ASHRAE Society membership if it is due for renewal. For Chapter Dues, Kris Pockett is in the process of sending out the local Chapter dues invoices by email. We would appreciate prompt payment of those dues.

Please contact me (g.fluter@mac-eng.ca) if you require any assistance with your membership.

Committee Chair Reports Continued

Student Activities

by Jared Larson

I would like to thank Carla Spriggs, Brent Smith, Alana Yip, Brad Huber and Greg Fluter for volunteering their time with our career fair booth. We had a great response and I believe this is attributed to the companies posting CO OP positions through ASHRAE. There seems to be a large demand for the January co op term. If anyone else is interested then let me know and I can help you get your position registered.

I was quite impressed by the genuine nature of many students who seem to want to make a difference rather than just get a job. These are the types of personalities we need in ASHRAE both locally and globally if we want to be progressive. Students will be attending meetings, and I encourage each member to introduce themselves.

Our Chapter's Facebook page is up and running. I will use this to keep a dialog with the students. If you haven't 'liked' it yet you should as it is a great means to keep in touch. <http://www.facebook.com/AshraeReginaSaskatchewanStudentChapter>.

We will be giving out an IPOD to one of the lucky students who have followed our page.

On another note Stefan Lidington, the RVC Student Chair will be visiting our chapter for the November meeting. He grew up in Saskatchewan, so we will have to give him a warm Saskatchewan welcome when he arrives.



What's New in Ashrae

Students Read Up on Their Practical Design Knowledge to Win ASHRAE Design Competition

For more information visit www.ashrae.org

Additional Combustion Safety Testing Options Proposed for ASHRAE Residential IAQ

ATLANTA – Additional methods to demonstrate combustion safety – an area of major concern for homes in weatherization programs – are being proposed for ASHRAE's residential indoor air quality standard. ANSI/ASHRAE Standard 62.2-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings, defines the roles of and minimum requirements for mechanical and natural ventilation systems and the building envelope intended to provide acceptable indoor air quality in low-rise residential buildings. Three proposed addenda to Standard 62.2-2010 currently are open for public review. For more information, visit www.ashrae.org/publicreviews.

ASHRAE Announces Staffing Changes Related to Member Services

ATLANTA – Two senior management changes are being announced related to ASHRAE's Member Services Department. Carolyn Kettering, who has served as ASHRAE's director of member services since 1986, is retiring. Joyce Abrams, who currently serves as group manager of education and certification, has been named to fill that position.

Lighting Quality Requirements Proposed for Green Building Standard

ATLANTA – Lighting requirements to enhance productivity and comfort of occupants have been proposed for a green building standard from ASHRAE, the U.S. Green Building Council (USGBC) and the Illuminating Engineering Society (IES).

Visit www.ashrae.org/publicreviews.

New Guideline from ASHRAE Focuses on Smoke Control System Commissioning

Atlanta - Guideline 1.5-2012, The Commissioning Process for Smoke Control Systems, describes the technical requirements of the commissioning process described in ASHRAE's Guideline 0-2005, The Commissioning Process, to verify that the smoke control system achieves the owner's project requirements.

The guideline includes annexes that are based on actual project experience and current practice and illustrate application of the commissioning process for smoke control systems and components. It builds upon the concepts of Guideline 5, Commissioning Smoke Management System, and replaces it.

Visit www.ashrae.org/bookstore.

International Cold Climate HVAC Conference

Ashrae is hosting and organizing the conference with support from REHVA, a co-sponsor, and SCANVAC, the conference originator. For more information visit www.ashrae.org/coldclimate November 12-14, 2012 Calgary, Alberta

Alternative Low-GWP Refrigerants to be Presented at ASHRAE/NIST Refrigerants Conference

Those involved in all the different aspects of refrigerants and refrigeration technology – policymakers, manufacturers, researchers and government officials – will receive an opportunity to learn about the latest developments and directions going forward.

Visit www.ashrae.org/refrigerants2012

October 29-30, 2012 Gaithersburg, Maryland



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Erich Binder
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7th International Cold Climate HVAC Conference

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My fellow ASHRAE members:

I am writing to ask you to join me at the 7th International Cold Climate HVAC Conference, Nov. 12-14, in Calgary, Alberta. ASHRAE is hosting and organizing the conference with support from REHVA, a co-sponsor, and SCANVAC, the conference originator. This is the first time the event has been held in North America.

As a long-time ASHRAE conference attendee, I assure you that you'll want to experience first-hand this dynamic event. By attending the Conference, the technical tours and social events, you have an opportunity to discuss and examine the latest topics in the cold climate building industry.

This conference creates the ideal atmosphere for those interested in advancing the cold climate building industry to network with individuals from over 15 countries, review the papers describing the latest technology and learn about the innovations in cold climate HVAC design in such areas as:

- Air Cleaning Codes and Standards
- Building Envelope
- Comfort and Productivity
- Energy Modeling
- Equipment Performance
- Heat Pumps
- Housing and Small Building Applications
- Industrial and Institutional Applications

The networking and opportunities to learn current industry best practices that you can take back to your employer are tremendous! On behalf of the conference committee we are looking forward to seeing in Calgary in November.

You can find complete conference information at www.ashrae.org/ColdClimate

Sincerely,

Erich Binder
Chair
7th International Cold Climate HVAC Conference

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