



## Hello from the Regional Chair

I just wanted to give everyone an update on the Regional and Society Activities for the first half of the 2011-2012 year.

Below is the Region XI Board of Directors for this year

Erich	Binder	Director & Regional Chair
Kevin	Marple	Assistant Regional Chair
Eileen	Jensen	RVC CTTC
Murdoch	McPherson	RVC Membership
Lidington	Stefan	RVC Student Activities
Ray	Sieber	RVC Resource Promotion
Tariq	Almani	YEA Regional Coordinator
Bill	Dean	Regional Historian
Rob	Craddock	Treasurer
Norm	Grusnick	Nominating Member
Eileen	Jensen	Nominating Alternate
Russell	Lavitt	CRC Chair 2012
Scott	Bossert	Regional Web Master

Please feel free to contact any of the board members with your comments, questions and concerns. Refer to the contact section on the Regional Web Site.

The Montreal annual meeting this past June was a huge success. We had a large amount of attendees from our region in support of Ron Jarnagin who was sworn in as Society President. Ron thanks for leading Region XI to be the best in ASHRAE. As demonstrated at Montreal, you have the support of all in your Region during your presidency and beyond.

For those who have never been to a Winter or Summer meeting; you are missing out and a great opportunity to network, take in some great technical presentations and courses as well as have input to the various technical committees. I encourage you to attend the Winter meeting and Trade show in Chicago and or the Summer meeting in San Antonio Texas. You will not be disappointed.

I'm looking forward to seeing everyone in my travels.

Erich Binder, Region XI Director and Regional Chair

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Website: [www.region11.ashraeregions.org](http://www.region11.ashraeregions.org)

## ASHRAE Announces the Seventh International Conference on Cold Climate and Call for Papers

ATLANTA—ASHRAE, Region XI, the Southern Alberta Chapter along with HVAC&R, architecture, interior design and building construction industry colleagues from around the world, will host the seventh International HVAC Cold Climate Conference, Nov. 11-14, 2012, in Calgary, Alberta

Cold Climate HVAC 2012 will provide key elements of a strategy by which scientists, designers, engineers, manufacturers and other decision makers in cold climate regions can achieve good indoor environmental quality (IEQ), with a minimum use of resources and energy.

The range of topics includes energy and sustainability in arctic environments; building technology for people in the arctic; indoor environment and health; challenges for remote areas; cold climate building envelopes and moisture management; HVAC system operation and maintenance; and cold climate standards, codes, regulations and requirements.

The planning committee seeks papers featuring innovations in cold climate HVAC design. This includes new technologies and applications; improved methodologies, improvements to computational models or other design tools; novel methods of management, organization or quality assurance; and novel avenues of research or revised conceptual frameworks for designers.

Submit abstracts no longer than 350 words, which summarize the objectives, approach, results and conclusions of the proposed paper, and five to seven keywords by Dec. 1, 2011. Upon acceptance, papers will be due April 1, 2012.

For specific topics, to submit a conference paper abstract or for more information go to [www.ashrae.org/ColdClimate](http://www.ashrae.org/ColdClimate). For additional information, contact [meetings@ashrae.org](mailto:meetings@ashrae.org).

The Scandinavian Federation of Heating, Ventilation and Sanitary Engineering Associations (SCANVAC) initiated the series of Cold Climate HVAC Conferences. The six previous conferences have been successfully organized in Rovaniemi, Finland in 1994; Reykjavik, Iceland in 1997; Sapporo, Japan in 2000; Trondheim, Norway in 2003; Moscow, Russia in 2006; and Sisimiut, Greenland in 2009.

The series of congresses have earlier been supported by national HVAC societies, the Federation of European Heating, Ventilation and Air Condition Associations (RHEVA) and ASHRAE.

## Distinguished Lecturer Program

ASHRAE Distinguished Lecturers or DLs, are highly regarded speakers from our industry that are available to make presentations at chapter meetings and other ASHRAE functions. ASHRAE covers the transportation costs (but not other costs) for approved DL visits, which helps make DL visits affordable for most chapters. A DL trip to a Region that involves more than one Chapter, counts as one DL visit.

To get an assigned DL visit, Chapters make an application to their RVC for CTTC. My goal is for each of the chapters to get at least one DL visit. But because our Region is only allocated 10 DLs (plus one for the CRC), this means that the chapters need to work together to arrange for a DL to visit more than one chapter on a trip.

As of September 16<sup>th</sup>, Region XI has confirmed 4 allocated DLs. I would strongly encourage the chapters to take advantage of this opportunity soon. Please remember that any DL visits that aren't scheduled and approved by me before November 30<sup>th</sup>, will go into a common pool and will be snatched up by chapters on a first-come-first-served basis. Last year, the few common pool DLs available were awarded within the first 15 minutes of availability.

For information on DLs and their topics, go to:  
<http://www.ashrae.org/education/page/1453>

Eileen Jensen  
RVC – Chapter Technology Transfer (CTTC)

## Calendar of Events

ASHRAE Winter Meeting  
Chicago Illinois Jan 21 to 25, 2012

Region XI Chapters Regional Conference (CRC)  
Manitoba Chapter May 10-12, 2012

7<sup>th</sup> International Cold Climate Conference  
Calgary, Alberta Nov. 11-14, 2012

International IAQ Conference  
Vancouver, British Columbia October, 2013

SEE REGIONAL CALENDAR ON THE REGIONAL WEBSITE FOR ADDITIONAL EVENTS.

<http://region11.ashraeregions.org/>

## REGION XI Kudos's & Thanks

Special thanks to Doug LeCren the Region XI Student Activities RVC over the past three years. Please join us in thanking him again. Thanks for all for your dedication and hard work.

Ivan Hall of the Northern Alberta Chapter, congratulations on your retirement. Thanks for your efforts and support of ASHRAE over the years. It is very hard to imagine you staying away from this business, so we look forward to seeing you in the near future in a consulting role. Retirement ????????

A special thanks to Dick Perry for attending our Region XI planning meeting this summer. Your insight, knowledge and past history of our Region and ASHRAE was insightful and inspiring.

Thanks to the Region XI Board for being the first to reach ASHRAE Full Circle Award. Part of why we are the best Region in ASHRAE

Our own Robert Bean, R.E.T., P.L.(Eng.) and colleges Bjarne W. Olesen, Ph.D., Fellow ASHRAE, and Kwang Woo Kim were the recipients of the Society's Lou Flagg Historical Award, which recognizes a chapter Gold Ribbon Award winner for compiling information on outstanding historical projects or persons related to HVAC&R.

**"Every accomplishment starts with the decision to try."**

## ASHRAE 2012 Web Cast

**Dedicated Outdoor Air Systems-  
A Path to Balancing Energy and IEQ**

**April 19, 2012  
1 p.m. – 4 p.m. EDT**

Hear leading experts discuss the role of Dedicated Outdoor Air Systems in the overall HVAC system and describe various DOAS equipment configuration, characteristics, and applications. This webcast will identify common design and operational pitfalls, and cover challenges unique to DOAS. As an added bonus, one of the scheduled speakers is our own Tim McGinn from the Southern Alberta Chapter.

Online registration via the ASHRAE website will begin on March 19, 2012. There is no fee for registration.

Web cast sponsorships are still available. For more information, please contact Rosy Douglas at [rdouglas@ashrae.org](mailto:rdouglas@ashrae.org).

## YEA Report

"The primary objective for the Young Engineers in ASHRAE (YEA) Committee is to enhance our member benefits for young professional ASHRAE members by providing activities and resources focused on their needs.

Some of the activities and resources we have in the works for this year are as follows:

- Circulation of the ASHRAE Young Member Guide
- Circulation of the ASHRAE YEA Connection Newsletter
- Circulation of the ASHRAE Technical Committee Guide
- Hosting the second annual YEA West-Coast Leadership Weekend
- Kick off of the ASHRAE YEA Mentorship Program

Keep your eyes open for more info on these items, as well as upcoming local YEA events. You can also get more info from our Facebook site (ASHRAE/YEA), or by contacting your local YEA Chair

**Tariq Amlani**  
Region XI - YEA Regional Chair,

## ASHRAE Technology Awards

Region XI has improved on last year's performance for applications to society for the Technology Awards program; this year we submitted five. Way to go Region XI!

Once again, I would like to challenge each chapter to bring at least one submittal for consideration at the chapter level. Certainly the more submittals received by the chapters, the better the competition. ASHRAE wants to recognize the work that our members have done. And it doesn't hurt to promote the fact that a project has won an award.

The application at the Chapter and Regional level is fairly simple and straightforward. I would encourage interested members in checking out the Chapter/Regional Application Short Form at: <http://www.ashrae.org/members/page/1646>

If you have any questions, please contact me at 360-619-6748.

**Eileen Jensen**  
Region XI RVC - CTTC  
Chapter Technology Transfer

**"Global Cold Climate HVAC Conference"**  
November 11-14, 2012  
Calgary, Alberta, Canada

## Student Activities Report

At the Montreal Annual Meeting in late June, 2011, Doug LeCren was congratulated and thanked for his volunteered time as the Student Activities RVC over the past three years. Please join me in thanking him again. My name is Stefan Lidington and I am from the Oregon Chapter. I am happy to volunteer and lead our Region's Student Activities effort. I hope to follow through with the level of attention and effort that Doug was able to provide.

So much business occurred at the Montreal meeting. There are a couple highlights that I would like to share:

- 1) Those old handbooks that you have collecting dust on your shelf are about to have a new home. If you can part with any of your handbooks, they will be donated to chapters in developing countries! Give the handbooks to the Student Activities Chair and we'll take care of the rest.
- 2) There is a greater push to get more K-12 activities scheduled. There are so many knowledgeable chapter members that can have an impact on K-12 students. The ASHRAE Student Zone, which is a part of the ASHRAE website, has packets of information, video tutorials, and materials to make a K-12 visit occur flawlessly. I challenge every ASHRAE member to perform one visit to a K-12 establishment this year. The students will be rewarded by your efforts and after your visit, you will most likely feel rewarded as well.
- 3) The ASHRAE budget for Grants has been increased by \$35K. This means there will be more money available for funding projects. Our Region has had funding recipients. Most recently was the University of Oregon's Student Chapter just last year. New applications for Grants will be available for submission this fall. Visit the ASHRAE website for applications.

ASHRAE places a lot of value on its student members. There are academic scholarships, travel scholarships, grants, design competitions, K-12 programs, and undergraduate programs that are funded by ASHRAE Society or by the local ASHRAE Chapter. Please make use of as much of it as possible by contacting your local chapter's Student Activities Chairperson or President

**Stefan Lidington**  
RVC Student Activities

## Chapter Treasurers

Now that the ASHRAE year is well on its way I would like to remind all chapters that the Regional Assessment invoices have been sent out and that the U.S. chapters need to send Society and the region a copy of their IRS tax filings for the 2010 / 2011 ASHRAE year.

I would like to thank all the chapters that have sent in their regional assessment and I will follow up with all others in November.

**Rob Craddock - Region XI Treasurer**

## RESEARCH PROMOTION

Welcome to another year for ASHRAE and ASHRAE Research. I am looking forward to the upcoming Research Promotion Campaign and am confident we will exceed last year's accomplishments. Judging by the first month of the campaign, many chapters are already well on their way to beating last year's mark.

First, I wish to congratulate all 2010-11 RP Chairs, their volunteer committees, and their chapter members and businesses. With their dedication and support, Region XI was able to raise \$169,652, which is 35.7% percent above our goal. This is a new high for the Region! Ten of twelve chapters reached goal, and eight chapters reached a new high-five, five exceeding their challenge goal. Southern Alberta and Mid-Columbia more than doubled their goals. Again our two Golden Circle contributors; Alerton and Northwest Energy Efficiency Alliance renewed their contribution. In total we had 455 contributors and each of them deserve our gratitude. ASHRAE Society once again was able to surpass the \$2 million mark, with final results coming in at \$2,163,606.

This year is looking very promising; we have had a good turnout to the RP centralized training in Chicago by our RP Chairs. The RP Chairs have already demonstrated their leadership and many chapters are off to a great start. Special mention to British Columbia and Alaska for their quick starts – looks like we have a race to see who reaches goal first!

On the theme of Leadership, we are pleased to be the first Region to reach Regional Full Circle – this was achieved by September 10th, 2011 and announced at Centralized Training in Chicago.

Looking back to last year, our chapters and our region had a very successful year. But there was one blemish – with Vancouver and Boston in the NHL finals, there was a small wager between our Region XI, home of the Canucks, and Region I, home of the Bruins. Unfortunately we know the outcome. Norm Grusnick, past RVC for RP and big fan of the Canucks, while disappointed, was a good sport and dawned a Bruin shirt at the ASHRAE Montreal Meeting.



**Boys, we let down Norm**

**Continued Page 5**

## RESEARCH PROMOTION

Below are the Chapter and Region XI Goals for the year:

CHAPTER	2010/11	2011/12
Manitoba	\$13,000	\$13,000
Southern Alberta	11,000	\$13,500
Northern Alberta	9,500	\$10,500
British Columbia	19,000	\$19,500
Inland Empire	2,400	\$3,000
Puget Sound	23,200	\$25,000
Oregon	15,000	\$18,000
Regina	10,500	\$12,000
Saskatoon	8,000	\$9,500
Alaska	9,000	\$10,000
Mid-Columbia	2,400	\$3,500
Vancouver Island	2,000	\$2,500
<b>Region Total</b>	<b>\$125,000</b>	<b>\$140,000</b>

### ***Where do your ASHRAE contributions go?***

Dollars raised through ASHRAE Research goes to sponsoring research to advance the arts and sciences of HVAC&R. ASHRAE research has grown steadily over the years to the current commitment of more than \$10 million for over 100 projects. The Research Administration Committee (RAC) is committed to finding ways to improve the operation of the system and to focus research on those areas of technology critical to ASHRAE. Currently, there is over \$205k of ASHRAE Research underway in Region XI. This work comprises of two research projects and one graduate student grant-in-aid:

- Thermal Performance of Building Envelope Details for Mid- and High-Rise Buildings (Morrison Hershfield Ltd. - Vancouver, BC)
- Study of Carbon Dioxide Condensation in a Chevron Angle Plate Geometry Exchanger (Washington State University)
- Building Energy Simulation of Air-to-air Energy Recovery Ventilators (University of Saskatchewan)

***Did you know every dollars raised by ASHRAE Research goes to Research?***

## ASHRAE MEMBERSHIP

### Why be an ASHRAE Member?

Membership in ASHRAE allows access to information about state-of-the-art HVAC&R technology and provides many opportunities to participate in the development of that technology. Participation is available locally, through chapters, and through membership on Society committees, such as standards projects committees, which are responsible for the development of standards, and technical committees which advise the Society on research needs, emerging technologies, and technical matters.

### Who Should Join ASHRAE

ASHRAE membership is open to any person associated with heating, ventilation, air conditioning or refrigeration. ASHRAE is unique because its membership is drawn from a wide range of disciplines relating to the HVAC&R field.

- Consulting Engineers
- Design Engineers
- Architects
- Contractors
- Code Officials and other Government representatives
- Facility Engineers / Managers
- Project / Application Engineers
- Technicians
- Industrial / Manufacturing Engineers / Management
- Public Utility Engineers
- Students
- Professors / Instructors / Researchers
- Sales Engineers / Manufacturer's Reps
- Distributors / Wholesalers

**Never doubt that a small group of thoughtful committed citizens can change the world; indeed, it's the only thing that ever does.**

Margret Mead

## RESEARCH PROMOTION

### Continued from Page 4.

This year, we plan to redeem ourselves and a new challenge is underway. Appropriately, it is another best of seven:

1. First region to reach Regional Full Circle
2. Region with highest % of goal by December 31/11
3. Region with most chapters with Full Circle (by %)
4. Region with most chapters reaching goal (by %)
5. First region to reach goal
6. Region with most chapters with High Five (by %)
7. Highest % over last year's result

We are already up one to zero as we were the first Region to reach Full Circle. We are confident we can win the series seven to none. Either way, this is a win-win for both regions and for ASHRAE, as your research dollars are hard at work to help fund over eighty research projects and strengthen our industry.

For more information on ASHRAE Research and a listing of research projects, chapter members can go to:

<http://www.ashrae.org/technology/page/39>

For on-line contributions, members and businesses can go to:

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

And a special message to all the members and businesses:

**"Thank you so much for your support last year and we hope that the Region XI Chapters can count on you again this year!"**

**Ray Sieber  
RVC Research Promotion  
Region XI**

**\$\$\$ Have you made your Annual  
Contribution to ASHRAE Research  
Promotion? \$\$\$**

### Advanced Energy Design Guides

**Free Download of 50% Advanced Energy Design Guides**  
To promote building energy efficiency, ASHRAE and its partners are making the Advanced Energy Design Guides for 50% Savings available for free download (PDF). The guides offer designers and contractors the tools needed for achieving a 50% energy savings compared to buildings that meet the minimum requirements of Standard 90.1-2004.

<http://www.ashrae.org/publications/page/aedg50pct>

**Put It In Your Calendar  
Global Cold Climate HVAC Conference.  
November 11-14, 2012  
Calgary, Alberta, Canada  
Hosted by Southern Alberta Chapter**

### ASHRAE BIO'S.

Go to [www.ASHRAE.org](http://www.ASHRAE.org) and click on "update your bio" located on the left side under the "Member Central" section to create or edit your bio. Your ASHRAE Bio includes information on your education, career experience, publications, and ASHRAE positions. This is used to nominate you for honors, awards, and ASHRAE positions. This is also a great way to keep up your Resume.

### Solar Decathlon

**Congratulations to the University of Calgary for a great effort with there Solar Home entry in the Solar Decathlon.**

ASHRAE was proud to once again shine a light on the key role solar energy will play in the development of net-zero energy buildings as a supporting sponsor of the Solar Decathlon 2011.

The Decathlon—sponsored by the Department of Energy and held on the National Mall from Sept. 23-Oct. 2—is a competition in which 20 teams of college and university students compete to design, build and operate the most attractive, effective and energy-efficient solar-powered house.

ASHRAE hosted two workshops, one focusing on recent updates on commercial and residential building design standards, one focusing on renewable energy options for homeowners.

To provide the Solar Decathlon student teams with the best possible engineering resources as they plan their solar homes, ASHRAE has made available a variety of resources to the student teams such as HVAC Simplified and the ASHRAE GreenGuide, to name just a few.

Check out the web site:  
<http://www.solardecathlon.gov/>

### ASHRAE GOVERNMENT ADOVCACY

Hi All

I'm the new Manager of State and Local Government Affairs in ASHRAE's Washington, DC office. One of my primary jobs initially is to lay the foundation for building a network of state, local, and provincial engineer-advocates who, when appropriate, can be mobilized to encourage the adoption of pro-ASHRAE public policy. To that end, I want to know if you would be able to direct me to ASHRAE members in your regions and chapters:

- who you might recommend as "champions" on the advocacy front – perhaps they've worked extensively with a city council, mayor's office, or state legislature or maybe they just have an interest in being active in promoting and protecting the profession; and
- whether you are aware of any pressing advocacy issues within your region's or chapter's jurisdiction requiring immediate attention from the Society's national office.

If you have any questions about this process, please contact me directly at your convenience (202.833.1830 x1003, [mwills@ashrae.org](mailto:mwills@ashrae.org)). Thanks in advance for your time and responses – and I'm looking forward to working with you moving forward.

Best,  
Mark Wills

### ASHRAE BOOKSTORE

ASHRAE members aren't looking for data or information – they want focused solutions for the design and implementation challenges they face. A new tool to make finding those solutions easier and quicker is now available from ASHRAE.

<http://www.techstreet.com/ashraegate.html>

