

*The*



# *Tumbleweed*

<http://www.midcolumbia.ashraechapters.org>

## ***Don't Miss This Month's Event***

February 23, 2007

## **Engineers' Week Banquet**

*Details on page 3*

## **IAQ and the Role of Controls – Kent Peterson, DL**

The Mid-Columbia Chapter of ASHRAE held its January Program Meeting on January 9 at the Clarion Hotel in Richland. The event started with a social half hour and a fantastic fully catered dinner. The current Mid-Columbia Chapter president, Bing Liu, presented the new nominating committee for next year who will be responsible for selecting the Mid Columbia ASHRAE chapter's officers. This year's nominating committee members are: Rich Evans, Steve Strecker, Dale Green and Sriram Somasundaram. Also noted, was that next months program will be combined with the National Engineers Week and if anyone would like to nominate someone for Tri City Engineer of the Year, please do so soon.

Kent Peterson, current president-elect of ASHRAE, was the distinguished lecturer for the program and gave an exceptional presentation on Indoor Air Quality and the role of con-

trols. The presentation was based on maintaining minimum outside air quantity control using methods based on ASHRAE Standard 62.1-2004 and common problems associated with controlling outside air ventilation rates. Kent described the four factors needed to properly control outside air are: Accuracy, measured controlled parameters, capable controls and commissioning.

A copy of Kent's presentation is available on the Mid Columbia Chapters website for viewing ([www.midcolumbia.ashraechapters.org](http://www.midcolumbia.ashraechapters.org)).

We want to thank all who made it out for the January Program; it made for a fun and interesting event — Jay Ashbaugh

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Chapter President Bing Liu

## Message from the President

Happy Chinese New Year! The Year of the Pig kicks off on Sunday, Feb 18, 2007.

A piece of good news I'd like to share with you: **Dr. Sriram Somasundaram**, among 18 other ASHRAE members, received their ASHRAE Fellow awards at the ASHRAE 2007 Winter Meeting in Dallas, TX last week. Fellow of ASHRAE is a membership grade that recognizes distinction in the arts and sciences of HVAC&R technology. The honor is earned through achievement as a researcher, designer, educator or engineering expertise. Dr. Somasundaram is a staff scientist at the Pacific Northwest National Laboratory. He is also the editor of this Newsletter. Congratulations to Dr. Somasundaram!

If you had a chance to read your ASHRAE Insights Newspaper last month, you may have recognized a familiar face among over 25 of ASHRAE's nominees for the New Face of Engineering 2007. It is **Jay**

**Ashbaugh**, P.E., of our Mid-Columbia Chapter. Jay is a project manager at MEIER Enterprises Inc., and he is also serving as the Secretary of our chapter. In case you don't have the January Insights handy, you can check out Jay and learn more about New Face of Engineering 2007 recognition program at <http://www.ashrae.org/members/page/1072>.

This month we will celebrate the National Engineers' Week (February 19-24, 2007) with the theme "**Engineers Make a World of Difference**". This year's Banquet will be held on Friday, February 23rd (see Page 3 for more details) and is being sponsored by the Washington Society of Professional Engineers.

I hope all of you are planning to attend. Please let Lois Payne know so we can have tables reserved for the ASHRAE Chapter.

*Bing*



*News You Can Use*

## ASHRAE Satellite Broadcast – Indoor Environmental Design

On April 18, 2007, ASHRAE's Chapter Technology Transfer Committee (CTTC) will present a satellite broadcast and simultaneous webcast on "**Indoor Environmental Design: Practical Solutions to Everyday Problems.**"

Online registration for site coordinators and webcast viewers begins March 1 at [www.ashrae.org/iedbroadcast](http://www.ashrae.org/iedbroadcast). Registration for satellite viewers begins March 15. Information about the speakers and program is available at [www.ashrae.org/iedbroadcast](http://www.ashrae.org/iedbroadcast)

Three PDH credits will be granted to those who view the broadcast and then complete the Participant Reaction Form on our webpage following the program.

If you have questions, call (678) 539-1139 or email [ashrae-SatelliteBroadcast@ashrae.org](mailto:ashrae-SatelliteBroadcast@ashrae.org)

## Nominating Committee is Charged

At last month's Board of Governors meeting, a Chapter Nominating Committee has been formed to include **Dale Green**, **Steve Strecker**, **Dr. Sriram Somasundaram**, and **Rich Evans**. This month, the Nominating Committee is starting to select candidates from members eligible to hold offices for the Society Year of 2007-2008.

At the March meeting, this committee will present a slate of candidates selected and nominations may be made from the floor. Upon receipt of the list of nominees from the Nominating Committee, and before the date of the April meeting, Jay will prepare a sample ballot with the names, including those nominated from the floor at the March meeting, and forward the ballot to the chapter members eligible to vote. At the April meeting, the election will be held by ballots and the new officers will be installed at the May meeting.

If you are interested in serving as chapter officers, or if you have a member to recommend, please contact **Dale Green** at (509) 735-1589 or [degreen@meierinc.com](mailto:degreen@meierinc.com).



## February Monthly Meeting - Engineers' Week Banquet

### 2007 Engineers' Week Banquet

## ***"Engineers Make A World of Difference"***

*Featuring*

### **Mr. Sid W Morrison**

*Executive Board Chair of Energy-Northwest; Board Chair for the Yakima Basin Storage Alliance; Former Washington State Legislator and US Congressman*

**Friday, February 23, 2007**

**Shilo Inn, Richland**

**Social 5:30 PM; Dinner 6:15 PM**

**Program 7:00 PM**

**Ticket Price \$30**

For Information or Tickets, Contact

Barbara Philipp, Ph.D, P.E.

Barbara\_L\_Philipp@rl.gov; 509-376-0468

Steve Short, P.E.

steve.short@pnl.gov; 509-375-2868

**Hosted by Washington Society of Professional Engineers**



**ENGINEERS  
WEEK® 2007  
February 18-24**



### **Program Calendar (2006—2007)**

**September 12, 2006:** *25th Anniversary Cruise*

**October 10, 2006:** *National CAD Standard Basics, Carl Brenneise, P.E.*

**November 14, 2006:** *Tour of the Integrated Energy Operations Center (IEOC)*

**December 12, 2006:** *Moving from Blue to Green: ASHRAE's Journey to Sustainability, Ron Jarnagin, PNNL*

**January 16, 2007:** *Role of Controls for Acceptable IAQ, Kent Peterson, ASHRAE Distinguished Lecturer*

**February 23, 2007:** *Engineers' Week Banquet*

**March 13, 2007:** *Green Design and Sustainability, E. Mitchell Swann, ASHRAE Distinguished Lecturer*

**April 10, 2007:** *Boilers, Ray Garner*

**April 18, 2007:** *Indoor Air Quality, Satellite Broadcast*

**April 25, 2007:** *Workshop on Commissioning*

**May 8, 2007:** *Underfloor Cooling Distribution, VEMCO/Liebert*

**May 9-16, 2007:** *Region XI CRC*

**June 12, 2007:** *Golf Tournament for RP Fundraising*

## Mid-Columbia ASHRAE Chapter

### 2006-2007 Officers/ BOG

President (509) 375-3710	Bing Liu <a href="mailto:bing.liu@pnl.gov">bing.liu@pnl.gov</a>
President-Elect (509) 373-2259	Lois Payne <a href="mailto:lois_payne@rl.gov">lois_payne@rl.gov</a>
Secretary (509) 735-1589	Jay Ashbaugh <a href="mailto:jpashbaugh@meierinc.com">jpashbaugh@meierinc.com</a>
Treasurer (509) 372-6256	Wei Jiang <a href="mailto:wei.jiang@pnl.gov">wei.jiang@pnl.gov</a>
BOG Member at Large (509) 527-7540	Carl Brenneise <a href="mailto:carl.b.brenneise@nww01.usace.army.mil">carl.b.brenneise@nww01.usace.army.mil</a>
BOG Member at Large (509) 735-1589	Dale Green <a href="mailto:degreen@meierinc.com">degreen@meierinc.com</a>
BOG Member at Large (509) 783-1625	Gil Hibbs <a href="mailto:gilh@scm-ae.com">gilh@scm-ae.com</a>

### Committee Chairs

Membership (509) 735-1589	Steve Strecker <a href="mailto:sjstrecker@meierinc.com">sjstrecker@meierinc.com</a>
Research Promotion (509) 783-1625	Gil Hibbs <a href="mailto:gilh@scm-ae.com">gilh@scm-ae.com</a>
CTTC (509) 373-2259	Lois Payne <a href="mailto:lois_payne@rl.gov">lois_payne@rl.gov</a>
Honors & Awards (509) 375-3710	Bing Liu <a href="mailto:bing.liu@pnl.gov">bing.liu@pnl.gov</a>
Newsletter (509) 375-6842	Sriram Somasundaram <a href="mailto:sriram.somasundaram@pnl.gov">sriram.somasundaram@pnl.gov</a>
Historian (509) 375-1020	Rich Evans <a href="mailto:richevans1@juno.com">richevans1@juno.com</a>
Web Page (509) 372-6256	Wei Jiang <a href="mailto:wei.jiang@pnl.gov">wei.jiang@pnl.gov</a>



*The Mid-Columbia Chapter of the American Society of Heating, Refrigerating and Air Conditioning Engineers was chartered in 1981 in Richland, Washington. We are part of ASHRAE Region XI and represent ASHRAE members in Eastern Washington State.*

### Help Sponsor our Website with a Business Card Ad

How would you like to place your business card in front of more than seventy eastern Washington ASHRAE members? For a low \$10 an issue, we can place your business card with company logo in a prominent location in our newsletter.

Interested??? Contact  
Wei Jiang at (509) 372-6256  
[Wei.jiang@pnl.gov](mailto:Wei.jiang@pnl.gov)

### Important Notice About Future Meeting Dates

The dates for the Winter and Annual Meetings in 2007, 2008 and 2009 are:

- 2007, Jan. 27–31 in Dallas, and June 23-27 in Long Beach, Calif.;
- 2008, Jan. 19–23 in New York, and June 21-25 in Salt Lake City, Utah.
- 2009, Jan. 24-28 in Chicago, and June 20-24 in Louisville, KY.