

The



Tumbleweed

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

Don't Miss This Month's Event

February 24, 2006

**Engineers' Week
Banquet**

**Dr. Bonnie Dunbar is
the featured speaker**

Details on page 3

ASHRAE 2006 Winter Meeting in Chicago – Highlights

Ron's Top Five Events

By Ron Jarnagin, ASHRAE Society Vice President

If you missed the ASHRAE Winter Meeting in Chicago you really missed out on some great experiences. Conducted in conjunction with the AHR product show, winter meetings offer a great opportunity to learn, to network, and to grow professionally. Here's the top five list of significant happenings from Chicago:

1. Record attendance and participation at the Winter Meeting and AHR show with over 60,000 attendees and vendors and over 400,000 square feet of exhibition space. This underscores the health and vibrancy of our industry.
2. ASHRAE's Sustainability Roadmap approved by Board of Directors, laying out an approach for defining a leadership position in sustainability for the Society (see article elsewhere in this newsletter for more details).

3. Launch of new eLearning System that provides online, interactive instruction tailored for the busy engineer. Supported by Learning Bursts, these educational systems involve the use of simulation exercises in an on-demand way that ideally suits today's member needs.

4. Board approval of funding to provide electronic copy of the ASHRAE Journal in addition to the paper version as a member benefit. Now you can read the Journal on your computer or PDA, and save some shelf space in your office!

5. Approval of the initiation of a new Green Building Standard to be developed in conjunction with the USGBC. This activity will help solidify our partnership with USGBC and put ASHRAE at the forefront of sustainability issues.

Chapter Members Attended ASHRAE 2006 Winter Meeting

Several Mid-Columbia Chapter members participated in the Winter Meeting. Here are some highlights of their activities:

Dr. Michael Kintner-Meyer chaired a seminar titled: "Demand Response, What can it do for you" with a 5 speakers, one of whom came from Denmark. He is currently serving as chair of a Project Monitoring Subcommittee for an ASHRAE research project titled: Interactions Between Dynamic Electric Rates and Thermal Energy Storage Control.

Dr. Peter Armstrong presented two papers to the symposium on data-driven (inverse) models with title of *Control with Building Mass*. See also <http://web.mit.edu/parmstr/www> for his papers.

Bing Liu presented to Chapter Technology Transfer Committee (CTTC) on the technology updates as the committee consultant of technology. She also

attended the executive meeting with ASHRAE President Lee Burgett and the officers from Chinese Association of Refrigeration.

Greg Jourdan, a faculty member at Wenatchee Valley College, took 9 students to Chicago attending the society meeting.



Inside this issue:

Message from the President	2
From the Summit	2
This Month's Event	3
Program Calendar (2005-2006)	3
Mid Columbia ASHRAE Board and Committee Chairs	4
Future ASHRAE Meeting Dates	4



Chapter President Dale Green

Message from the President

Sustainability... Green Buildings... LEED...

Buzz words or the wave of the future? It seems that more and more people are using words like these when talking about new construction and renovation projects. As a design professional, how do you keep up with the latest “technology” and building practices? It is difficult, at best, to keep work going out the door and stay on top of a changing industry. Like it or not, it appears that sustainable construction and Green Buildings are here to stay. We as design professionals will have to adapt or be left behind. ASHRAE is one resource you can use to keep up on the changing world of HVAC&R.

At each month’s meeting, you have the opportunity to hear a presentation on a relevant topic in

our industry. I encourage all of you to attend the meetings. If there is a specific topic you are interested in, please let us know. We all want the meetings to be both interesting and useful.

This month we will not be holding a regular meeting. The week of February 20- 24 is National Engineers Week. This year’s Engineers’ Week Banquet will be held on Friday, February 24 and is being sponsored by the Society of Women Engineers (SWE).

I hope all of you are planning to attend. Please let Bing Liu know if you will be going so we can have tables reserved for the ASHRAE Chapter.

Dale



*Mr. Ron Jamagin
ASHRAE Vice President*

From The Summit: Responding to Members’ Desires on Sustainability

By Ron Jamagin, ASHRAE Vice President

The ASHRAE Board of Directors approved a new Sustainability Roadmap at the Chicago Winter Meeting that will guide the Society’s efforts in establishing a leadership position in sustainability. Developed in response to member’s requests, the roadmap outlines broad strategies and pathways to achieving leadership through a focus on “Engineering for Sustainability.” The roadmap was developed by a 6-person ad hoc committee appointed by President Lee Burgett.

Recommendations contained in the roadmap call for ASHRAE to develop and maintain productive relationships with other organizations in the sustainability field in recognition of the fact that these organizations have already established their own niche. It is important to understand that ASHRAE needs to partner to be successful and to reach its full potential in sustainability. As an organization, we need to bring what we do best (i.e. the engineering) to bear on the issue

and allow others to contribute what they do best. This reflects a growing ASHRAE awareness of the critical importance of partners to help achieve the success we desire.

Additionally, the roadmap calls for raising public awareness of ASHRAE’s contributions coupled with an aggressive marketing of ASHRAE’s sustainability profile to industry. Our sustainability profile will be enhanced through “walking the talk” in the things we do within the Society. Seeking ISO 14001 certification, conducting our meetings in sustainable ways, and making our upcoming headquarters renovation a showcase building under the LEED rating system are just some of the ways we will establish our commitment to sustainability.

Added to these activities, ASHRAE will focus on developing new educational products that assist in sustainable building design, (cont’d on Page 4)



Can you tell who these “Blues Brothers” are?

Answer is on Page 4



This Month's Event

Friday, February 24, 2006

Engineers' Week Banquet
Hosted by
Society of Women Engineers



Speaker:

Dr. Bonnie Dunbar, PE

Former Astronaut & CEO, Museum of Flight

Description:

The Engineers' Week Banquet, hosted by the Society of Women Engineers (SWE), will be held on February 24, 2006. The speaker will be Dr. Bonnie Dunbar, PE, former astronaut and CEO of the Museum of Flight, one of the largest air and space museums in the world.

Mid Columbia Chapter will nominate Dr. Sriram Somasundaram as the Tri-cities Engineer of the Year and will reserve a table for our ASHRAE members.

Location: Shilo Inn, Richland

Time: Social 5:30 pm

Dinner 6:15 pm

Program 7:00 pm

Ticket Price: \$35.00

\$30.00 (student/retired)

RSVP: Bing Liu at (509)375-3710 or bing.liu@pnl.gov

by Monday, Feb 20, 2006

*A reservation made is a reservation paid.

Program Calendar (2005–2006)

2005

Sep. 13, 2005: Condenser Water Heat Recovery, Julian de Bullet, McQuay International

Oct. 18, 2005: Global Warming, Victor Goldschmidt, ASHRAE Distinguished Lecturer

Oct. 26, 2005: USGBC LEED and Green Building Workshop

Nov. 9, 2005: Innovative Air-side Systems Designed to Conform to ASHRAE 90.1 and Improve IAQ, Evans Lizardos, ASHRAE Distinguished Lecturer

Dec. 13, 2005: Battelle Research Campus Update, Mike Lawrence, PNNL Deputy Director

2006

Jan. 10, 2006: Building commissioning and retro-commissioning, Janice Peterson, Green Building Services in Portland

Feb. 24, 2006: National Engineers' Week Banquet

March 15, 2006: ASHRAE President Lee Burgett's visit; Specifications Round Table, Traci Hanegan

April 11, 2006: Tour of Milan Food Processing Plant

April 19, 2006: ASHRAE Satellite Broadcast on Green Buildings

May 16, 2006: Tour of PNNL's IEOC

Mid-Columbia ASHRAE Chapter

2005-2006 Officers/ BOG

President (509) 735-1589	Dale Green degreen@meierinc.com
President Elect (509) 375-3710	Bing Liu bing.liu@pnl.gov
Secretary (509) 373-2259	Lois Payne lois_payne@rl.gov
Treasurer (509) 735-1589	Jay Ashbaugh jpashbaugh@meierinc.com
BOG Member at Large (509) 527-7540	Carl Brenneise carl.b.brenneise@nww01.usace.army.mil
BOG Member at Large (509) 375-6317	Jeff McCullough jeff.mccullough@pnl.gov
BOG Member at Large (509) 375-5989	Michele Friedrich mfriedrich@pnl.gov

Committee Chairs

Membership (509) 375-5989	Michele Friedrich mfriedrich@pnl.gov
Newsletter (509) 375-6842	Sriram Somasundaram sriram.somasundaram@pnl.gov
Web Page (509) 735-1589	John Sutton jasutton@meierinc.com
CTTC (509) 375-3710	Bing Liu bing.liu@pnl.gov
Student Activities (509) 627-2272	Kaleem Ullah mkaleem.ullah@verizon.net
Honors & Awards (509) 375-5989	Michele Friedrich mfriedrich@pnl.gov
Research Promotion (509) 783-1625	Gil Hibbs qilh@scm-ae.com

Answer: The Blues Brothers are ASHRAE Executive Vice President Jeff Littleton (left) and ASHRAE President Lee Burgett (right) at AHR Expo in Chicago.

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.

From the Summit—continued from page 2

building operation and evaluation. Sustainability will play a key role in the new ASHRAE Strategic Plan due to be approved later this year. The Advanced Energy Design Guide series will see an accelerated development schedule, and the Society will implement a sustainability certification program. If you would like a copy of the Sustainability Roadmap you can download one from the following website:

www.engineeringforsustainability.org .



Important Notice About Future Meeting Dates

The dates for the 2006 and 2007 Winter Meetings are incorrect on some ASHRAE membership cards.

The correct dates for the Winter and Annual Meetings are:

- **2006**, Jan. 21–25 in Chicago, and June 24–28 in Quebec City, QC, Canada;
- **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.