

The



Tumbleweed

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

Don't Miss This Month's Event

September 13th, 2005

**ASHRAE Distinguished
Lecturer**

Julian de Bullet

**"Condenser Water
Heat Recovery"**

Details on page 3

Ron Jarnagin receives ASHRAE Distinguished Service Award

Ronald E. Jarnagin received a Distinguished Service Award from ASHRAE at its 2005 Annual Meeting held in Denver. The Distinguished Service Award (DSA) salutes members of any grade for giving freely of their time and talent on behalf of the Society. The honor recognizes participation in chapter, regional and Society activities.

Ron most recently served as chair of the committee that wrote ASHRAE's first *Advanced Energy Design Guide for Small Office Buildings*. The Design Guide is the first in a series of documents designed to provide recommendations for achieving 30 percent energy savings over the minimum code requirements of ASHRAE Standard 90.1. Ron had

also served as chair of the Standing Standards' Project Committee that was responsible for publishing the Standard 90.1-1999.



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ASHRAE IAQ 2007 Examines Healthy, Sustainable Buildings

ATLANTA - Healthy, sustainable buildings are those that create high quality indoor environments while minimizing their impacts on the outdoor environment. But achieving both can be a challenging goal. Guidance on how to do so will be presented at the ASHRAE conference, IAQ 2007 Healthy and Sustainable Buildings, which will be held Oct. 15-17, 2007, at Baltimore's Inner Harbor, Baltimore, Maryland.

"The issues of healthy and sustainable buildings are cyclical and interdependent," Lawrence J. Schoen, P.E., chair of the conference

said.

"Buildings not only impact the indoor environment but they have an impact on the outside environment. Our goal in creating healthy buildings should be to create indoor environments where people are healthy and productive but that minimize impact on the environment." For more information, contact ASHRAE Technical Services at IAQ2007@ashrae.org or www.iaq2007.org.



Chapter President Dale Green

Message from the President

Here it is September already and time to start another year of ASHRAE activities. I hope everyone had a great summer. Work is already underway to bring the Mid-Columbia Chapter another year of great programs for the year. Bing has been hard at work lining up speakers for our meetings. The meetings and speakers are for your benefit. If you have any ideas for speakers, or if there are any topics you would like to see covered at the meetings, please let Bing know.

I would like to thank Michele Friedrich for all of her efforts as president last year. Also, thanks to all of last year's officers. **The Mid-Columbia Chapter had the highest Presidential Award of Excellence (PAOE) point total in our region.** Thanks

again to everyone who was involved in organizing the events and submitting the paperwork to make it possible.

The officers for this year and their contact information are listed on Page 4 of the newsletter.

If there is an area that you are interested in helping with, please contact one of the officers and volunteer. I know the help would be greatly appreciated.

Last year was a very successful year for the Mid-Columbia Chapter. Let's all work together to make this year even better.

Dale



*Mr. Ron Jarnagin
ASHRAE Vice President*

From The Summit: Responding to Members' Desires on Sustainability

By Ron Jarnagin, ASHRAE Vice President

Last year, the Society conducted a fairly comprehensive survey designed to assess member needs and their opinions about the Society. Sustainability, including green buildings, was one of the primary areas of interest identified by our members. In response to the member requests the Society Planning Committee proposed an initiative at the Denver Annual Meeting on "Engineering for Sustainability" that was endorsed by the Board of Directors. You should be seeing information about that initiative in other ASHRAE publications soon.

During Planning Committee discussions it became clear that activities in the area of sustainability clearly catch the interest of our members and non-members, and in particular, our younger members. The Planning Committee recommended that ASHRAE establish recognition of its role in sustainability by launching an initiative along with a *brand mark* to identify the Society's

unique areas of expertise. Clearly ASHRAE's unique expertise in sustainability involves the engineering aspects of buildings, thus the phrase "Engineering for Sustainability." A unique *brand mark* has also been established to identify products and services that are specifically applicable to sustainability that will help members and customers looking for technical assistance.

President Lee Burgett, responding to the Board endorsement of the initiative, has formed an ad hoc committee to develop a Sustainability Roadmap for the Society. This roadmap will help to better define our role and our future products and services, as well as identify potential partnerships that ASHRAE might form to advance the engineering aspects of sustainability. And for those of you

(Continued on Page 4)

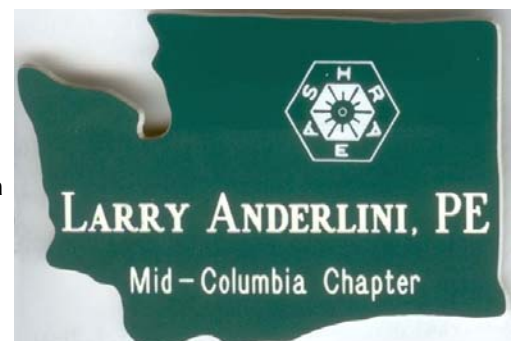
Badges for Mid-Columbia Available



ASHRAE Name Tags in the shape of Washington State are available for the Mid-Columbia Chapter's members to order. The picture on the right shows what the name tag looks like. The cost is \$10.00 a name tag.

Interested??? Contact
Michele Friedrich at (509) 375-5989

mfriedrich@pnl.gov



This Month's Event

Tuesday, September 13

ASHRAE Distinguished Lecturer

Julian de Bullet presents

Condenser Water Heat Recovery



Speaker: Julian R. de Bullet
Senior Applications Manager,
McQuay International

Description:

ASHRAE Energy Standard 90.1 now requires condenser water heat recovery for large projects. This presentation will discuss the details of designing condenser water heat recovery including load sizing, and controls. Several different methods of recovering the heat and analyzing their pros and cons will be presented.

Our speaker, Julian R. de Bullet, an ASHRAE Distinguished Lecturer, has over 25 years' experience in the HVAC industry. His career has concentrated on the applied use of Chilled Water and All-Air systems as a manager of applied equipment sales and as a manager of a service/performance contracting operation. He is the Senior Applications Manager for McQuay International, based in Washington D.C. He is responsible for assisting McQuay customers and McQuay sales representatives in HVAC&R system design and specification.

Julian R. de Bullet has served as an ASHRAE Vice President on the Board of Directors and the Executive Committee, and Chair of the Publishing Council. He is Past President of the National Capital Chapter and was Director and Regional Chair for ASHRAE Region III. He is a graduate of the London University System in England, where he obtained an Electrical Engineering degree and a Diploma in Marketing.

Location: Meier Enterprises, Inc.
8697 Gage Boulevard, Kennewick, WA 99336

Date: Tuesday, Sept 13, 2005
11:30 am - 1:00 pm Lunch and program

Cost: \$15.00 Lunch and Program (Casa Chapala Buffet)
\$5.00 Program Only

Program attendance is free for students. Student lunch cost is \$10.00

RSVP: Bing Liu at (509) 375-3710 or bing.liu@pnl.gov
No Later Than 1:00 PM, Monday, Sept 12, 2005

**A reservation made is a reservation paid.*

Program Calendar (2005–2006)

Mark your calendars for the following upcoming events:

2005

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

Oct 11, 2005: TBD

Oct 26, 2005: USGBC LEED and Green Building Workshop

Nov 9, 2005: topic TBD, Evans Lizardous, 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 xx, 2006: National Engineer Week Banquet

March 14, 2006: TBD

April 11, 2006: TBD

April 19, 2006: ASHRAE Satellite Broadcast on Green Buildings

May 9, 2006: TBD

Mid-Columbia ASHRAE Chapter

2005-2006 Officers/ BOG

President (509) 735-1589	Dale Green degreen@meierinc.com
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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) 627-2292	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

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

who might be saying “but ASHRAE has already been involved in sustainability!” I would agree. What we have lacked is a clear focus on how we are involved, where we are going, and what products and services we have that will help us get there. We all might have known this all along, but now others will too, when they see the *brand mark*.

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
Jay Ashbaugh at (509) 735-1589
jpashbaugh@meierinc.com

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,
- **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,

