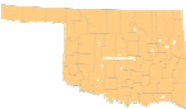




Official Newsletter of
the
Central Oklahoma
Chapter of the
ASHRAE, Inc.



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<http://ashraecok.org>

January 2009

DECEMBER MEETING:

Wednesday, January 14th
The Centre
4325 NW 50th

Cash Bar 6:00 PM
Dinner: 6:30 PM

Past Presidents Night
Chapter Meeting

Presentation by
Bill Harrison
ASHRAE President



President's Message
By Grant Flurry

Happy New Year!! I hope 2009 is a great year for you all. While there is much uncertainty in the economy these days, there are always plenty of other things to be thankful for!!

We are starting the 2009 Ashrae year with bang. Our January meeting will center on a visit from SOCIETY PRESIDENT BILL HARRISON. We are very excited about Bill's coming to Central Oklahoma. We will be hearing from him about the many things going on across Society and his presidential theme "*Maintain to Sustain*". Bill has been on a campaign this year to educate building owners & operators how to best use the energy efficiency inherent to their buildings & equipment. Please put our January meeting on your schedule & plan to attend. We need to show Bill why we're still one of the best chapters in Society!!

We're continuing to work on our new website and roster. I will be sending out a broadcast e-mail soon. We've moved to phase 2 of our launch. Currently, many rep organizations around town are filling out manufacturer information on their respective lines. This will act as a manufacturer/rep cross reference similar to our printed version. I believe its going to be a great benefit to our chapter. Be watching for my announcement soon!!

I want to give some accolades to Aruna for all he contributes to our chapter. He has served his time as president, but continues to be a champion for our chapter. He is serving this year (as he has for many years) as our Student Activities Chair. Much of his work is "behind the scenes", but it's very important none-the-less. Recently he's been involved with Future City, Engineer for a Day, & helping with several local student chapters. Next time you see Aruna, tell him thanks for all he does for us!!

I look forward to seeing you all on January 14 for President Harrison's visit. It will be fun night to be at Ashrae and hang out with your friends for a few hours. As Glenn Beck says, it's the "fusion of entertainment & enlightenment"!!

Have a wonderful & prosperous New Year!!

Upcoming Events

January 14th Chapter Meeting..... TBA
(Bill Harrison—ASHRAE President)
January 26th to 28th National ASHRAE
Meeting & AHR Expo.....Chicago

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Next Meeting: Wednesday, January 14



AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
1791 Tullie Circle, NE•Atlanta, GA 30329-2305•404-636-8400•www.ashrae.org

William Harrison
2008-09, President
American Society of Heating, Refrigerating
and Air-Conditioning Engineers



William Harrison is president, Trane Arkansas, Little Rock, Ark.

As ASHRAE's president, Harrison directs the Society's Board of Directors and oversees the Executive Committee. His presidential theme, *Maintain to Sustain – Delivering ASHRAE's Sustainability Promise*, focuses on operating buildings to deliver the energy efficiency inherent in their design, including effective commissioning, improved documentation, and programs to educate and certify building operators.

"If the studies are accurate, we have a no-regrets method to reduce energy use in buildings by 10 to 40 percent, solely by improving building operations," Harrison said. "All we have to do is communicate and educate more effectively. It is our duty. We are pledged to deliver ASHRAE's promise of sustainability, and to do that we must maintain to sustain, we must train to sustain, and we must influence the operation of our buildings to conserve energy. "

He also is chair of the Headquarters Building Renovation Committee. He has served as president-elect, treasurer, vice president, Region VIII director and regional chair, chair of Member Council, Technology Council and the Finance Committee, a member of the Nominating Committee, and vice chair of the Refrigeration Committee and the Society Rules Committee. Harrison was president of the Shreveport Chapter.

He has received the Distinguished Service Award.

Harrison received a Bachelor of Science in industrial engineering from the University of Arkansas.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation,

January Program Preview

ASHRAE Society President Bill Harrison will join us for Wednesday evening January 14. While he is here he will ask us to focus on the efficient operation of high performance buildings during the discussion of his Presidential theme **Maintain to Sustain – Delivering ASHRAE's Sustainability Promise**. He will discuss what is needed and what is being done in order to deliver the promised efficiencies of high performance after construction is complete and the contractor has left the site.

Please plan on attending the meeting and saying "Hello" to our Society President and Region VIII member Bill Harrison.

Student Chapter Report

The fall 2008 semester was a busy one for the Oklahoma State University Student Chapter of ASHRAE.

The semester started as all the fall semesters with a large activities mart on the library lawn. This is a chance to recruit students returning from summer break or entering as freshman. The event was very successful with a large number of new students signing up. The student branch then co-hosted a speaker session from Burns and McDonnell along with ASME and ASCE. In addition, the student branch offered each month to commute to the Oklahoma City Chapter meetings, and had representatives at nearly every month.

The big story of the semester was the t-shirt design. Two years ago, the student branch encouraged the members to submit designs for the student branch. With such a great turnout two years ago, the event was repeated. This time was even better. A great design was chosen and close to 50 shirts were sold to members, friends, and family. This was a great fundraiser which the branch hopes to keep going, possibly every other year. There are still shirts for sale, and if enough requests are given, more shirts can be ordered.

For spring, the branch intends on bringing a group of students to the January Oklahoma City Chapter meeting, where they will enjoy the company of President Harrison. We intend on conducting speaker sessions and possibly a tour of some of the new facilities on campus here at OSU.

Requirements to Standard 90.1 Proposed; Open for Public Comment

ATLANTA – Changes to the purpose and scope of ASHRAE/IESNA Standard 90.1 as well as new lighting requirements are being proposed through public review. ANSI/ASHRAE/IESNA Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, provides minimum requirements for the energy-efficient design of buildings except low-rise residential buildings. Among the proposed addenda out for public review is addendum *aq*, which proposes changes to the purpose and scope of the standard. The proposed modification addresses applications not covered in the existing standard scope, such as requirements for laboratories, data center cooling and kitchen exhausts. It would also permit the 90.1 committee to address technologies, such as computer equipment and refrigerated casework, and would extend existing requirements for envelope, space cooling and lighting to a larger group of spaces where energy is consumed.

“ASHRAE is committed to substantially reducing energy use in buildings,” Mark Hydeman, vice chair of the committee, said. “This addendum is a critical step toward achieving that goal. For example, it requires all cooling and heating equipment that operates under standard conditions to comply with the existing minimum efficiencies of the standard regardless of the facility that they are in. Manufacturing and process environments often operate at much longer hours than office buildings and retail facilities, which served as the basis for the life-cycle cost analysis of the minimum efficiencies.”

Standard 90.1 currently addresses design and construction of buildings. The proposed addendum would add operation and maintenance, which allows incorporation of industry standards such as ASHRAE/ACCA Standard 180-2008, *Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems*.

The addendum also incorporates utilization of on-site, renewable energy resources. “By including on-site and renewable energy resources in the scope, an appropriate mechanism was created for future requirements as well as credits for these energy resources not currently provided in the standard,” Hydeman said.

Proposed addendum *aq* is open for public review until Feb. 2

50 Years Ago – ASHRAE Central Oklahoma Chapter

Since our chapter dates back to 1935 when it was founded, we can look back with pride on many of our members' accomplishments. This article will appear from time to time with the "50 Years Ago" theme.

What was our chapter doing in the 1950's, and specifically 1959? Some names of the chapter presidents in the 50's are still familiar to many members: Dick Swan, John Carnahan, Bill Collins, Frank Loeffler, Jr., Gordon Erwin, Joseph Patten, Floyd Denham, and Arnold Shelley. What about 1959, 50 years ago? Bill Johnson, sales engineer for Federal Corporation, was president. The following comes from our chapter history archives:

The chapter instituted another "first" in 1959, "Past Presidents Night", to honor all past presidents. The Chapter's first president, Frank Loeffler, Sr., presided at the meeting, and was once again President, even if only for one night.



William R. Johnson
1958-1959

Also in 1959, ASHRAE was born...through the joining together of ASHAE and ASRE. After debating the pros and cons, the two societies joined. Bill Collins was the first Regional Director of the combined organization in our area. In the merger, the old Region VI became the new Region VIII, with the deletion of New Mexico from the line-up, leaving 10 chapters in the new region.



Later in 1959, out of deference to the Northeastern Oklahoma Chapter at Tulsa, our chapter voted to change its name from the "Oklahoma Chapter" to the "Central Oklahoma Chapter".

At the Engineering Science Fair, where the chapter acted as a co-sponsor, the first place winner was a junior high school student with a working model of a "Hot Water Heating System Powered by Solar Energy".

And that's the way it was....50 years ago.

Alan Loeffler
Central Oklahoma Chapter Historian

CENTRAL OKLAHOMA CHAPTER - TREASURER'S REPORT - INFLOWS/OUTFLOWS

11/26/2008 through 12/31/2008

Subcategory	Total
Inflows	
Golf Tournament 2008	1,300.00
Interest Income	1.29
Membership Dues	
From Society	480.00
Total Membership Dues	480.00
Receipts, Chapter Meals	
Dec 08	518.00
Nov 08	324.00
Total Receipts, Chapter Meals	842.00
Receipts, Prepaid Meals	
2008-2009	1,029.00
Total Receipts, Prepaid Meals	1,029.00
Total Inflows	3,652.29
Outflows	
Chapter Meals/Meeting Exp	
Dec 08	887.00
Nov 08	239.45
Total Chapter Meals/Meeting Exp	1,126.45
Web Fees	500.00
Total Outflows	1,626.45
Income less Expenses	2,025.84

CENTRAL OKLAHOMA CHAPTER ASHRAE BALANCE SHEET

As of 12/31/2008

Account	Total
Assets	
Bank and Cash Accounts	
Bank of the West CD01	0.00
Bank of the West CD02	0.00
Checking-BOK	16,695.40
Petty Cash Meeting Meal Change	0.00
Undeposited Funds	0.00
Total Bank and Cash Accounts	16,695.40
Other Assets	
Accounts Receivable - old	0.00
Total Other Assets	0.00
Account Receivable	
Accounts Receivable	0.00
Total Account Receivable	0.00
Investment Accounts	
Bank of Oklahoma CD03	4,145.98
Bank of Oklahoma CD03 (Cash)	0.00
Total Investment Accounts	4,145.98
Total Assets	20,841.38
Liabilities	
Other Liabilities	
Prepaid Meals	0.00
Total Other Liabilities	0.00
Tax Liabilities	
Sales Tax	0.00
Total Tax Liabilities	0.00
Total Liabilities	0.00
Net Worth	20,841.38

IMMEDIATE OPENING



THE UNIVERSITY OF OKLAHOMA

OU Physical Plant

Assistant Director, Engineering

Responsible for providing customer-oriented leadership and overseeing overall operation, administration, and performance of Physical Plant Engineering department; Directs development of utility, energy conservation, remodeling, major repair, and handicapped access projects/programs; For full position description, please visit jobs.ou.edu, rec. # 06770.

10 years experience in engineering preferred. Licensing requirements: Valid Oklahoma Driver's License. Current registration as a Professional Engineer in Oklahoma or registered as a Professional Engineer in another state with ability to obtain Oklahoma registration within 6 months.

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Questions? Call (405) 325-1826.**

The University of Oklahoma is an Equal Opportunity Employer
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ASHRAE

Technology for a Better Environment

CENTRAL OKLAHOMA CHAPTER

BOARD OF GOVERNORS MEETINGS 2008-2009

<u>Month</u>	<u>Year</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
June	2008	Monday June 23	Noon	Hometown Buffet
July	2008	Monday July 28	Noon	Hometown Buffet
August	2008	Monday Aug 25	Noon	Hometown Buffet
September	2008	Monday Sept 29	Noon	Hometown Buffet
October	2008	Monday Oct 27	Noon	Hometown Buffet
November	2008	Monday Nov 24	Noon	Hometown Buffet
December	2008	Monday Jan 5	Noon	Hometown Buffet
January	2009	Monday Jan 26	Noon	Hometown Buffet
February	2009	Monday Feb 23	Noon	Hometown Buffet
March	2009	Monday Mar 23	Noon	Hometown Buffet
April	2009	Monday Apr 27	Noon	Hometown Buffet
May	2009	Monday May 25	Noon	Hometown Buffet

CHAPTER MEETINGS 2008-2009

<u>Month</u>	<u>Year</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
August	2008	Weds Aug 13	11 am-1 pm	The Center
September	2008	Mon, Sept 22	12 pm-6 pm	Rose Creek Golf Club
October	2008	Weds Oct 8	11 am-1 pm	The Center
November	2008	Weds Nov 12	11 am-1 pm	The Center
December	2008	Weds Dec 10	11 am-1 pm	The Center
January	2009	Weds Jan 14	11 am-1 pm	The Center
February	2009	Weds Feb 11	11 am-1 pm	The Center
March	2009	Weds Mar 11	11 am-1 pm	The Center
April	2009	Weds Apr 8	11 am-1 pm	The Center
May	2009	Weds May 13	11 am-1 pm	The Center

OFFICERS

President	Grant Flurry	239-7320 (Ext. 253)
President Elect	Pete Ray	271-2121
Secretary	Alejandro Garcia	478-5353 (ext. 1384)
Treasurer	Shaun Sexton	236-2030

BOARD OF GOVERNORS

Tom Determan	947-6626
Mark Furgason	948-1794
Jason Keyes	787-4390
Jim Stengle	553-3680
Joe Sanders	947-6502
Trapper Wilson	525-7722

COMMITTEE CHAIRS

Attendance	Jenny Haltom	528-7266
Government Affairs	TBD	
Historian	Alan Loeffler	239-7320 ext.234
Membership	Chris Filson	340.7890
Devotional	Alan Loeffler	239-7320 ext 234
Refrigeration	Pete Ray	271-2121
Research Promotion	Bob Vermillion	843-9788
Roster	Dusty Stoabs	842-9556 ext 214.
Student Activities	Aruna Abhayagoonawardhana	525-7722
Scholarship	Harry Rountree	528-7266
Publicity	TBD	
Sou'Wester	Art Murnan	664-3237
Special Events	Bob Carson	632-6664
Webmaster	Art Murnan	664-3237
Technology Transfer	Bruce Albertson	525-7722
Reception	Jim Wolfe	842-3373
CRC Delegate	Harry Rountree	823-5008
CRC Alternate	Aruna Abhayagoonawardhana	525-7722



Technology for a Better Environment

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Oklahoma City, OK 73154

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Are you on our email list?
Comments?, Suggestions?
Articles?
amurnan@acallp.com

Central Oklahoma
SOU'WESTER