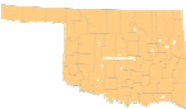




Official Newsletter of  
the  
Central Oklahoma  
Chapter of the  
ASHRAE, Inc.



Volume 69, Number 7

<http://ashraecok.org>

February 2009

**FEBRUARY MEETING:**

**Wednesday, February 11th**  
**The Centre**  
4325 NW 50th

Tech Session: 11:00 AM  
Lunch Meeting: 12:00 PM

**Chapter Meeting**



**President's Message**  
By Grant Flurry

Greetings to all Central Oklahoma members!! February is off to a great start. We finally have our online roster active. I think it is outstanding. Dusty Stoabs has done a great job with it this year. I appreciate all of you that have gone into the system to update your personal & company information. It's a great tool for our chapter. If you have any questions about the new roster, or you have not yet received the link, please contact me or Dusty.

We are currently working on a new Central Oklahoma website. We've had some problems with setting up the new site, but they will hopefully be resolved soon. This is an important tool for our chapter that I hope to have operating very soon.

We had a great meeting last month. Society President Bill Harrison was here. He and his wife spent the day in Oklahoma City. Bobbie & Bonnie played host & showed them around the Oklahoma Heritage Museum. Bill is a longtime friend of many people from Central Oklahoma. He spent some time discussing his theme this year of "Maintain to Sustain". He believes strongly in educating building owners & operators to help them understand the energy efficiency potentials that already exist in their building. ASHRAE plays an important role in this educational process. Bill has been traveling the world with ASHRAE. He had just returned home from India prior to our meeting. I appreciate the effort he made to come to Oklahoma. Many thanks to Bill.

Our February Meeting is going to be focused on Fire & Life Safety. Our tech session & program speaker will be discussing the coordination necessary between the design trades to ensure these important areas are properly covered.

I look forward to seeing you all on February 11. Thanks for helping make Central Oklahoma great!!

**Upcoming Events**

Feb Chapter Meeting .....	Feb 11
Feb Board of Governors Mtg .....	Feb 23
March Chapter Meeting .....	Mar 11
March Board of Governors Mtg ....	Mar 23
Apr Chapter Meeting .....	Apr 8
Apr Board of Governors Mtg .....	Apr 27

**What's Inside**

Tech Session Preview .....	2
Program Preview .....	2
BACNET article .....	2
Pictures from January meeting .....	3
ASHRAE broadcast announcement .....	4
Treasurer's Report .....	5
Treasurer's Report .....	6
Schedule of Meetings .....	7
Chapter Contacts .....	8

**Next Meeting: Wednesday, February 11**

## Program Preview

The topic of the February Program will be: Life Safety and Fire Protection in Healthcare Facilities by Bruce Albertson with Engineered Equipment and Michael Coyaso with Ruskin.

This presentation will reflect part of a presentation that was presented in Chicago at the ASHRAE meeting that was titled "Healthcare Facilities: Design Considerations and Best Practice Applications". The section that will be discussed will concern the Life Safety Approach for Hospitals.

## Technical Session Preview

The topic of the February Technical Session will be: Fire and Smoke Dampers by Michael Coyaso with the Ruskin Company.

Mike is a Product Specialist in the Commercial and Life Safety Department at Ruskin. He has extensive experience in the application of Fire and Fire & Smoke Dampers. He will discuss UL test standards for Life Safety Dampers, Damper ratings, Installation solutions and options, Field Installation problems and the authority Having Jurisdiction (AHJ) and Inspection and Maintenance of Life Safety Dampers and why it matters.

## ASHRAE 2008 BACnet Published

ATLANTA – Guidance to reduce a building's energy consumption on demand is contained in ASHRAE's newly published BACnet standard. ANSI/ASHRAE Standard 135-2008, BACnet® -- *A Data Communication Protocol for Building Automation and Control Networks*, allows building equipment and systems manufactured by different companies to work together. It is the only open, consensus-developed standard in the building controls industry. The new standard contains seven addenda approved since the 2004 standard was published. "The 2008 version of the standard incorporates many years of work by the BACnet committee," said immediate past chair Bill Swan. "This includes material first published a couple of months ago. It replaces the 2004 version as the standard for BACnet technical and specification efforts." The standard contains new guidance related to the Load Control object, an extension to reduce a building's energy consumption on demand - a key element of the integration of energy utilities and buildings to reduce or eliminate brownouts and blackouts from energy grid overload. It also covers:

- the Access Door object, the first of the extensions to fully support physical access control improvements in requirements on BACnet devices
- new capabilities such as BACnet Web Services which, among other things, are being considered for energy utility-building communications
- a standardized and interoperable means to record alarms

The cost of ANSI/ASHRAE Standard 135-2008, BACnet® -- *A Data Communication Protocol for Building Automation and Control Networks*, is \$119 (\$99 ASHRAE members). To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, or visit at [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore).

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.



ABOVE

Bill Harrison with the Past Presidents at the January Central Oklahoma Chapter Meeting.

Right

Bill Harrison with the Oklahoma State University Student Chapter Members at the January meeting.



## ASHRAE's 2009 Satellite Broadcast Focuses on IAQ for Sustainable Buildings

ATLANTA – What's lean and green and clean all over? Your next sustainable building project and its indoor air quality, thanks to ASHRAE's upcoming satellite broadcast. The program, "Clean, Lean, and Green – IAQ for Sustainable Buildings," will take place April 22 from 1 to 4 p.m. EDT.

The free broadcast, sponsored by ASHRAE's Chapter Technology Transfer Committee with support from the U.S. Environmental Protection Agency, will challenge the building community to use good IAQ practices to create a more sustainable built environment. The program will highlight guidance from the publication *IAQ Guide: Best Practices for Design, Construction, and Commissioning*, developed collaboratively by ASHRAE, AIA, BOMA, EPA, SMACNA and USGBC.

"Saving energy in buildings is paramount, and everyone in the buildings industry must do all they can to ensure sustainability in their projects," says Dave Shugars, Chair of the Satellite Broadcast committee. "But sustainability must never come at the expense of good indoor air quality. Proper operation and maintenance of buildings must be combined with enhanced IAQ practices to ensure healthy, productive indoor environments."

Participants who complete the participant reaction form online at [www.ashrae.org/iaqbroadcast](http://www.ashrae.org/iaqbroadcast) the week following the broadcast may be awarded three PDH credits.

The broadcast presenters and their topics are:

- Martha Hewett, Director of Research, Center for Energy & Environment, Minneapolis, MN  
*Practical, Proven Strategies to Deliver Better IAQ*
- Hoy Bohanon, P.E., Owner and Manager of Bohanon Engineering, PLLC, Winston-Salem, NC  
*Improving Your IAQ and Reducing Your Energy Costs through HVAC Design*
- H.E. Barney Burroughs, Owner and CEO of Building Wellness Consultancy, Inc, Atlanta, GA  
*Keeping Buildings Clean: Avoiding and Building Control of Contaminants to Attain and Maintain IAQ Acceptability*
- George DuBose, Certified General Contractor, Liberty Building Forensics Group, Orlando, FL  
*Avoiding Costly IAQ Problems in the Building Envelope*
- John McFarland, P.E., Director of Engineered Systems, WorkingBuildings, LLC, Atlanta, GA,  
*Integrating Good IAQ into the Design & Construction Process*

For more information about the broadcast, please call (678) 539-1206, visit [www.ashrae.org/iaqbroadcast](http://www.ashrae.org/iaqbroadcast) or e-mail [ashrae-satellitebroadcast@ashrae.org](mailto:ashrae-satellitebroadcast@ashrae.org). Online registration for satellite site coordinators and Webcast viewers will begin March 2, and viewer registration will begin March 16. There is no fee for registration.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

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

11/26/2008 through 12/31/2008

Subcategory	Total
<b>Inflows</b>	
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
<b>Total Inflows</b>	<b>3,652.29</b>
<b>Outflows</b>	
Chapter Meals/Meeting Exp	
Dec 08	887.00
Nov 08	239.45
Total Chapter Meals/Meeting Exp	1,126.45
Web Fees	500.00
<b>Total Outflows</b>	<b>1,626.45</b>
<b>Income less Expenses</b>	<b>2,025.84</b>

## CENTRAL OKLAHOMA CHAPTER ASHRAE BALANCE SHEET

As of 12/31/2008

Account	Total
<b>Assets</b>	
<b>Bank and Cash Accounts</b>	
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
<b>Total Bank and Cash Accounts</b>	<b>16,695.40</b>
<b>Other Assets</b>	
Accounts Receivable - old	0.00
<b>Total Other Assets</b>	<b>0.00</b>
<b>Account Receivable</b>	
Accounts Receivable	0.00
<b>Total Account Receivable</b>	<b>0.00</b>
<b>Investment Accounts</b>	
Bank of Oklahoma CD03	4,145.98
Bank of Oklahoma CD03 (Cash)	0.00
<b>Total Investment Accounts</b>	<b>4,145.98</b>
<b>Total Assets</b>	<b>20,841.38</b>
<b>Liabilities</b>	
<b>Other Liabilities</b>	
Prepaid Meals	0.00
<b>Total Other Liabilities</b>	<b>0.00</b>
<b>Tax Liabilities</b>	
Sales Tax	0.00
<b>Total Tax Liabilities</b>	<b>0.00</b>
<b>Total Liabilities</b>	<b>0.00</b>
<b>Net Worth</b>	<b>20,841.38</b>



# 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

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

## 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	<b>TBD</b>	
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	<b>TBD</b>	
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

Central Oklahoma Chapter  
PO Box 18269  
Oklahoma City, OK 73154

*The Sou'Wester is published monthly by the Central Oklahoma Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission from the chapter.*

Are you on our email list?  
Comments?, Suggestions?  
Articles?  
[amurnan@acallp.com](mailto:amurnan@acallp.com)

Central Oklahoma  
**SOU'WESTER**