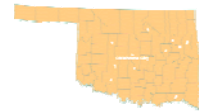




Official Newsletter of the
Central Oklahoma Chapter of
the ASHRAE, Inc.



Volume 69, Number 9

<http://ASHRAEcok.org>

April 2009

APRIL MEETING:

Wednesday, April 8th

The Centre
4325 NW 50th

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

Chapter Meeting

Check out the New
Central Oklahoma Roster

<http://www.ASHRAEcok.org/ASHRAE/chdir>

Upcoming Events

April Chapter Meeting	Apr 8
ASHRAE Satellite Broadcast at Benham's Offices	Apr 22
CRC in Lubbock	Apr 23-25
April Board of Governors Mtg	Apr 27
May Chapter Meeting	May 13
May Board of Governors Mtg	May 25

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President's Message

By Grant Flurry



Greetings to all Central Oklahoma & YEA members!! What's YEA you may ask?? YEA stands for Young Engineers in ASHRAE. Any member under the age of 35 falls into this category. ASHRAE gives special attention to this group in order to promote ASHRAE to young people. This month at our Chapter meeting, Central Oklahoma will also give some attention to this group. If you're under

the age of 35, you'll be eligible for a drawing to win one of several gift cards to a local restaurant. Please come join us on April 8....You might win a free meal!!

There is a lot of activity in our Chapter right now. First, I want to say thanks to Bruce Albertson (CTT Chair) & Mitch Green of EEI for a great tour last month of the Sandridge facility. We had nearly 60 people go to Bricktown for lunch & to Sandridge for the tour. It was a great day!! We had lunch at The Brewery followed by a tour of one of the largest variable refrigerant systems in the country.

On April 8, we'll hold our regularly scheduled meeting at The Center. Please come & join us for lunch.

CRC is coming up in April. The dates are April 23-25 in Lubbock. The Lubbock chapter has a website up with information regarding registration, hotel, travel, etc. The site is www.crclubbock.com. Thursday is golf or sporting clays & the meeting kicks off Thursday evening with an opening dinner. Meetings run through Saturday. Let me know if you have any questions.

Another upcoming event will take place at Benham's office on April 22. It's a 3 hour satellite broadcast entitled "Clean, Lean, & Green: IAQ for Sustainable Buildings". Pizza lunch will be served. More details on this to follow.

I look forward to seeing you all on April 8 at The Center. Thanks for helping make Central Oklahoma great!!

Next Meeting: Wednesday, April 8

April Technical Session Preview

The Technical Session for the April 8 Chapter Meeting will be papers given by two of the students from Oklahoma State University.

Ellisa Lim will present a report on her research on **Waterside Fouling Performance of Brazed-Plate type condensers in Cooling Tower Applications.**

Emre Ozdemir will present a report on **Heat Transfer comparison between Microchannel and Round Tube heat exchangers**

These will be informative presentations on some of the research that is taking place at Oklahoma State University.

Program Preview

The topic of the April Program will be a report on the National Engineers Week Future City Competition that was submitted by the Deer Creek Middle School.

“Future City Competition” is an educational engineering program for seventh and eighth grade students that combines a stimulating engineering challenge (designing how a city will look 50 – 100 years in the future) with a “hands-on” application to present their vision of a city of the future.

CRC Lubbock 2009



**Region VIII CRC in the
High Plains of West Texas**

April 23 - 25, 2009

www.crclubbock.com

April 22, 2009 12:00 - 3:00 p.m. CDT

**CLEAN, LEAN,
AND GREEN**



**IAQ for Sustainable
Buildings**

Using the guidance provided by the IAQ Guide: Best Practices for Design, Construction, and Commissioning developed through collaboration with ASHRAE, AIA, BOMA, EPA, SMACNA and USGBC, this broadcast will challenge the building community to use enhanced IAQ practices to create a more sustainable built environment. Join ASHRAE in learning more about your role in transforming mid-range practice into best practice for healthy, productive, sustainable indoor environments.

This free broadcast/webcast is sponsored by the ASHRAE Chapter Technology Transfer Committee with support from the United States Environmental Protection Agency. For complete details, visit our website at www.ashrae.org/ibdbroadcast.

How to Participate

- You may host a broadcast site for your colleagues.
- You may register to view with others at a site near you.
- You may register to view the Webcast on your PC.

PDH Credits

Three (3) Professional Development Hours or three (3) AIA Learning Units may be awarded to viewers who complete the "Participant Reaction Form" following the broadcast.

About the Presenters

- 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"

Registration

There is no fee for registration. Online registration for satellite site coordinators and Webcast viewers will begin March 2, 2009, at www.ashrae.org/iaqbroadcast. Satellite viewer registration will begin March 16, 2009. If you have any questions, call 678-539-1206 or email ashrae-satellitebroadcast@ashrae.org.

**Location: The Benham Companies, LLC
9400 North Broadway Extn.
Suite 300**

Lunch will be served

Starting at 11:30 a.m.

Call for Reservations

Tino Mendez

405-607-6131

Leave name of attendee



History Treasures from Bill Collins



After the death of our chapter's "Mr. ASHRAE", William J. "Bill" Collins, Jr., his widow offered his ASHRAE mementoes to our chapter. Carlen Collins asked Harry Rountree to come by and pick up most of the items. It was good that Harry had his pick-up truck for the job. He loaded up at least 4 boxes to carry everything.

The boxes of mementoes are being housed at Federal Corporation for now. There are dozens of plaques, photographs, publications and articles which honored Bill. Any member who would like to look through the materials is welcome. Both our chapter and our Region VIII are working to get Bill into ASHRAE's Hall of Fame. Whether Bill will or will not be recognized in "The Hall", these mementoes will continue to tell Bill's story of commitment and life's work.

See www.ashrae.org/publications/detail/14644 for a listing of those presently in the Hall of Fame.



Central Oklahoma Chapter

Cash Flows 7/1/2008 thru 8/25/2008

Inflows

Interest Income	62.04
Membership Dues	
From Society	640.00
<u>Total Membership Dues</u>	<u>640.00</u>
Receipts, Chapter Meals	
FEB '09	680.00
JAN '09	398.00
<u>Total Receipts, Chapter meals</u>	<u>1078.00</u>
Total Inflows	1780.04

Outflows

Chapter Meals/Meeting Exp	
FEB 09	928.85
JAN 09	1350.00
MAR 09	50.00
<u>Total Chapter Meals/Meeting Exp</u>	<u>2328.85</u>
Miscellaneous	
Gifts 75.05	
<u>Total Miscellaneous</u>	<u>75.05</u>
Research Contributions	
2008-2009	5800.00
<u>Total Research Contributions</u>	<u>5800.00</u>
Scholarship	
2008-2009	5800.00
<u>Total Scholarship</u>	<u>5800.00</u>

Central Oklahoma Chapter

ASHRAE Balance Sheet 2/22/2009

Account Assets	Total
Bank & Cash Accounts	
Bank of the West CD01	0.00
Bank of the West CD02	0.00
Checking—BOK	4820.21
Petty Cash Meeting Meal Change	0.00
Undeposited Funds	0.00
Total Bank and Cash Accounts	4820.21
Other Assets	
Accounts Receivable—old	0.00
Total Other Assets	0.00
Accounts Receivable	
Accounts Receivable	0.00
Total Accounts Receivable	0.00
Investment Accounts	
Bank of Oklahoma CD03	4207.31
Bank of Oklahoma CD03 (Cash)	0.00
Total Investment Accounts	4207.31
Total Assets	9027.52
<u>Liabilities</u>	
Other Liabilities	
Prepaid Meals	0.00
Total Other Liabilities	0.00
Tax Liabilities	
Sales Tax	0.00
Total Tax Liabilities	0.00



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	Sandridge Tower
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

Central Oklahoma Chapter
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Oklahoma City, OK 73154

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Are you on our email list?
Comments?, Suggestions?
Articles?
arthur.murnan@sbcglobal.net

Central Oklahoma
SOU'WESTER

