



# The Oil Capital Air

Newsletter of the Northeastern Oklahoma Chapter of the  
American Society of Heating, Refrigerating and  
Air-Conditioning Engineers, Inc.

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Tulsa, Oklahoma

May 2007

## May is Awards Night and Installation of 2007-08 Officers

### President's Message

By: David Lam



Dave Lam  
Chapter President

Hard to believe that the year is over and that this is my last newsletter article. I have to admit I wasn't sure I would get to this point, but I did and was very proud to have been able to serve and represent the people of our chapter. We really had a great year and believe that the people in this chapter are the best out there. I had a support group that was

second to none and a great group of committee chairs that showed what we as a chapter can do.

For those who did not attend CRC or do not know the results from CRC you will be able to see or read the results in other articles than this one if you so chose. We did not win the Golden Gavel, but it was not due to a great effort on everyone's part. Rob Teis had a great year as he helped the drive to collect over \$47,000 in research donations this year (our best year ever). Nancy Mack continued to publish the most informative and aesthetically pleasing newsletter in the region. We were fortunate to have some great programs and technical sessions this year.

I know I am painting a mostly clear 75 degree day picture here, but eve-

rything really came together well this year. We maintained our Premier Award as one of only 2 chapters in society to do so. Brian Hamilton will receive the William Collins Research Promotion Award at the Long Beach Annual meeting this year. This is a society award that is giving to the person who is best recognized for his/her efforts in raising funds for research.

We had an enjoyable weekend in Oklahoma City at the CRC. The Cox Convention Center was a great place to hold the event and it is pretty amazing to see what Oklahoma City has done to their downtown. The people of the Oklahoma City Chapter were very good to work with and they were due the accolades they received for the event. Especially

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### UPCOMING EVENTS

- May 10th—Chapter Meeting
- 5:45— Technical session
- 6:45—Dinner and Main Program
- May 16—Board of Governor's meeting at ABS
- June 15th - Deadline for all 06-07 research donations

## MAY CHAPTER MEETING

May 10, 2007

Renaissance Hotel in OKC

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coming on the heels of Cancun!

Finally, I hope that the people of our chapter realize how blessed we are to have who we have in our chapter. We really have a super group of core individuals who help keep the motivation and spirit alive. I personally want to thank all of my committee chairs and Board members for their support and help during my term as president. They made the year fun and productive!

Dave Lam can be reached at 918.250.5590 or david.lam@omni-2.com

## Chapter Technology Transfer

**By: Brian Hamilton and Keith Browne**

### May Meeting Preview

This month's meeting will begin promptly at 6:45. The first order of business will be to install our officers for the upcoming year. Following that, yearly awards will be distributed to some of our finest chapter members.

The main program is sure to be an interesting one. Michael Swain, PE will be discussing "Green Design and Sustainability." This is a hot subject with many differing and often controversial perspectives. Please arrive early to claim a good seat!

Brian Hamilton can be reached at 918.858.0060 or smilinbrian@yahoo.com

### May Technical Session Preview

Our May Technical Session will be presented by Mr. Bob Ho-

tard, Gulf Coast Regional Sales Manager for Stockham Valve, a unit of Crane Company. Bob has over 30 years experience in the valve industry

Bob's topic for the Technical Session will be Valve Applications, Uses and Types. With his background and experience, Bob is well qualified to present this information in an area that affects engineers and contractors alike. This will be especially useful to younger engineers and designers who are not as familiar with the proper application of valves.

Keith Browne can be reached at 918.258.7460 or bce@valornet.com.

### April Meeting Review

The April meeting was a combination Plant Tour and dinner. The tour of the TRIGEN facility was presented by Sam Kumar and Ken Adams. This large plant produces and provides steam and chilled water to numerous buildings in the downtown Tulsa area.

After the tour, the members enjoyed dinner at Spaghetti Warehouse. President Dave Lam, along with Student Activities Chairman, Sam Davis presented The NEOK Student Scholarships. This year's recipients were Taylor Carpenter, Shannon Bozone and Chris Lewis.

Brian Hamilton can be reached at 918.858.0060 or smilinbrian@yahoo.com

### History

**By: Bob Allwein**

The past year has been a busy one for Chapter History. There were two newsletter articles on busi-

nesses: Natkin and Oklahoma Natural Gas, and four articles on ASHRAE members: Jack Kurle, Chuck Callahan, Keith Browne and Gene Redford. Also we looked at 2006 in review. I have received a lot of positive feedback on the articles I did on individuals. Nancy Mack has asked me to be the Historian next year which I have accepted so be ready to share your history if you are called upon. Remember, if it happened, it's history. Have a great summer!

Bob Allwein can be reached at 918.770.5380 or ballwein@cox.net

### Membership Promotion

**By: Chuck Mayfield**

Thank you for allowing me to be in charge of Membership Promotion the last two years. NE Oklahoma is a great chapter with rich history and great members. I am leaving Membership Promotion in good hands. Mike Guillen will be in charge of Membership Promotion for the next two years '07-'08 and '08-'09. We have added 19 new members to date and I am sure that Mike will exceed this total next year.

Before I hand off my duties to Mike, I need to mention a few items. Starting July 1<sup>st</sup>, 2007 Society will increase the annual dues for Members, Associate Members and Fellow Members by \$15 to \$165. Dues will not increase for student members. Local chapter dues will be unchanged at \$35 annually.

We have 108 members whose contracts expire on June 30<sup>th</sup>. If you fall into this category and pay before July 1<sup>st</sup>, your annual dues will still be \$150 (plus \$35 for local chapter

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dues). If you fail to pay on time, you will need to pay the new annual fee of \$165. Save the money and pay on time.

Another helpful tip; Society is trying to make it easier for members to renew their membership through multiyear membership options with a \$15 discount on the second and third years, as well as online due payment. Please go to [www.ashrae.org/membership](http://www.ashrae.org/membership) for more details. This is a great way to save money and avoid the annual deadline of paying your dues. Pay for three years and don't worry about it until 2010.

Finally, the membership committee is looking for a dozen good mentors for new members next year. You will be responsible for forming a relationship with a new member. Our goal is to make our new members feel welcome and plug in quickly to our chapter. Please call me if you are interested.

Starting in July, I will continue to serve in our local ASHRAE Chapter as Treasurer. I am looking forward to a new challenge and serving the best chapter in ASHRAE. The new members are our future. Keep up the good work.

Chuck Mayfield can be reached at 918.624.1005 or [cmayfield@eei-ok.com](mailto:cmayfield@eei-ok.com)

## Student Activities

By: Sam Davis

We have had a good year with the student activities; OSU-Okmulgee has had an increase of 18 new student members which makes it a strong Ashrae student branch. We have plans for next year to start a new student branch at OSU/Tulsa which has a program that lets students get a

mechanical engineering degree without leaving Tulsa. We had fair student turnout at our local meetings and will continue to try and build interest in our chapter with our local students. We believe the future of our chapter lies in the success of our students and our YEA (Young Engineers Assoc.)

Sam Davis can be reached at 918.249.1918 or [sdavis@federalcorp.com](mailto:sdavis@federalcorp.com)

## Resource Promotion

By: Rob Teis

We have had a great year for Research Promotion. Thank you to all who have made it possible. If you weren't able to donate this year please do so next. There are 3 numbers (listed below) ASHRAE gives us each year for goals. The high five goal is the highest amount of research dollars we have raised in the past five years, & the challenge goal is high five + five percent. I am still piecing together the information, but the following is the year-to-date summary of our pledged & collected funds for ASHRAE Research: Goal = \$44,721.00, High Five = \$45,650.00, Challenge Goal = \$47,993.00, YTD Collected = \$47,468.00, YTD Pledged = \$48,268.00. Special thanks to everyone on the calling committee. They are: Dave Lam, Mike Beda, Joel Karstetter, Bob Allwein, Keith Browne, Steve Johnson, Paul Roberts, Bill Hanlon, Dave Myers, Sam Neale, and Paul Mannas. Extra special thanks to our Golden Circle contributors: AAON, Inc. & Mechanical Contractors Association of Eastern Oklahoma. If you have pledged money & have not sent it to me, please send it ASAP. Thanks.

Rob Teis can be reached at 918.382.6134 or [RobT@aaon.com](mailto:RobT@aaon.com)

## Honors and Awards

By: Gene Redford

There are various honors and awards available for ASHRAE members. Currently, our committee has submitted Jack Tumilty and Gene Redford for the "Chapter Service Award" and Mike Beda for the "Exceptional Service Award." You may be eligible for an award, too! Please visit [www.ashrae.org](http://www.ashrae.org) to update your membership bio and see if you have enough points for any awards.

Gene Redford can be reached at 918.270.1414 or [generedbird@valornet.com](mailto:generedbird@valornet.com)

## April BOG Minutes

By: Dan Owens

**Attendees:** Dave Lam, Nancy Mack, Chuck Mayfield, Mike Guillen, Mike Gulizio, Sam Davis, Joel Karstetter, Rob Teis, Jack Tumulty, Gene Redford, Paul Roberts, Brian Hamilton, Paul Mannas

The NEOK Chapter Board of Governors (BOG) was held on April 19<sup>th</sup>, 2007, at the offices of ABS. President Dave Lam called the meeting to order at 4:36 p.m.

**Minutes:** March BOG and March Chapter meeting minutes were distributed prior to the BOG meeting and corrections were collected. A motion was made and seconded to approve minutes as corrected and the motion carried.

**Treasurer:** Dan Owens Monthly balance sheet was distributed.

**Newsletter** Articles are due April 27<sup>th</sup> Nancy intends to send out an E-Mail reminder.

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**Resource Promotion** Rob Teis reported we have met our Challenge Goal and High Five goal while raising \$47,900.00 this year.

**Membership Promotion:** Chuck Mayfield reported we have 7 new members and are at +2 YTD. On July 1<sup>st</sup> Full Membership dues will rise to \$165.00 from \$150.00. One is now able to buy as long as a 3 year membership at the lower rate before that time.

**CTT- Main Programs** Brian Hamilton reported we had 12 attendees, 11 members, at the Satellite program yesterday. We collected \$240.00.

**Student Activities:** Sam Davis is making an effort to keep OSU/Okmulgee on line. He mention OSU Tulsa is now offering a BS program that can be completed in Tulsa.

**Directory:** Bill Hanlon Paul Roberts reported that the people we have hired to assist with our directory had a hard drive crash that has slowed their completion of our project. Paul also mentioned it is his intention to install new Chapter officers at the next Chapter meeting.

**Honors and Awards** Gene Redford Three people have been submitted for Chapter Service awards; Gene Redford, Jack Tumulty and Mike Beda. Mike Beda has also been submitted for an Exceptional Service Award.

**Old Business:** None

**New Business:** David Lam announced he would be out of town May 17<sup>th</sup>, 18<sup>th</sup>. The BOG meeting date will be changed.

It appears the Renaissance is going to

raise our meal rate. We feel it is in the best interest of the Chapter to continue meeting at a consistent location. It was suggested that we not cancel the meeting the month of the plant tour as a way of stabilizing our meal rate.

Meeting was adjourned at 5:17 pm.

## **April Meeting Minutes**

**By: Dan Owens**

**A** Plant Tour was held prior to the main meeting. The tour of the TRIGEN facility was presented by Sam Kumar and Ken Adams.

NEOK Chapter Meeting was held on April 5<sup>th</sup>, 2007 at Spaghetti Warehouse. President Dave Lam called the meeting to order at 6:30 p.m.

President Lam invited Paul Roberts to deliver the invocation. Mr. Roberts gave the invocation.

President Lam asked Paul Roberts to give the results of the Officer and BOG elections. Paul announced the results of the 2007-2008 Chapter Officers and Board of Governors. Elected to the Board of Governors are Bill Hanlon, Bob Allwein, Steve Johnson, Steve Uerling and Mike Beda. Elected Chapter Officers are Nancy Mack – President, Dan Owens - President-Elect, Chuck Mayfield – Treasurer, Mike Gulizio – Secretary.

President Lam asked Sam Davis to come forward and present this years winners of The NEOK Student Scholarships. Mr. Davis presented three students with NEOK Student Member Scholarship checks. This year's winners are Taylor Carpenter, Shannon Bozone and Chris Lewis.

Following dinner, President Lam reminded members that CRC is April 19<sup>th</sup> -21<sup>st</sup>.

President Lam announced that the next meeting is May 10<sup>th</sup>.

Meeting was adjourned at 8:00 pm.

Dan Owens can be reached at 918.250.1414 or owens.d@mcintoshservices.com

OIL CAPITAL AIR PUZZLE

				9	2	4		
		6				2		
	5						7	3
4	8			7	1	6		
6			2		3			5
		3	4	5			1	9
3	6						2	
		4				5		
		7	8	2				

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**Directions:**

The object is to insert the numbers in the boxes to satisfy only one condition: each row, column and 3 x 3 box must contain the digits 1 through 9 exactly once. What could be simpler?

**LAST MONTH'S PUZZLE SOLUTION**

4	8	3	5	6	7	2	1	9
6	9	1	3	4	2	5	8	7
7	5	2	9	8	1	3	4	6
9	7	8	4	3	5	6	2	1
3	4	6	1	2	8	7	9	5
2	1	5	6	7	9	8	3	4
1	3	7	8	9	6	4	5	2
8	6	9	2	5	4	1	7	3
5	2	4	7	1	3	9	6	8

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# 2006/2007 Programs

Date	Technical Session	Speaker	Main Program	Speaker	Theme and Special Guests
14-Sept-06	Golf Tournament at Clary Fields Golf Course				
12-Oct-06	Cooling Tower Design & relationship to ASHRAE 90.1	Dick LeClaire; Marley	Radiant Heating Systems	Keith Whitworth; Watts	Membership Night; Refrigeration Night
9-Nov-06	Boiler System Design	Dave Farthing; Federal Corporation	Dearator & Boiler System Design	Dave Farthing; Federal Corporation	Research and Consulting Engineers Night; Art Geisler, Region VIII DRC
14-Dec-06	<b>NONE - Lunch Meeting</b>		<b>Construction Scheduling and Sequencing</b>	<b>Panel of Industry Representatives</b>	<b>Joint meeting with AIA, MCA, ABC</b>
11-Jan-07	Retro-commissioning Buildings for Improved Energy Efficiency”	Tom Hanlon	Pre-packaged Mechanical Room Systems	Chris Huston; Systecon	Membership Promotion Night
9-Feb-07	NONE		Tulsa’s Oil History	Dewey Bartlett, Keener Oil and Gas	Research Auction; Spouses Night
8-Mar-07	Closed-loop Water Treatment	Mike Gulizio; Certified Labs	Airflow and AHU Design	Jeff Forman; Temtrol	Student Activities, Past Presidents, & Golden Circle Night
5-April-07	NONE		Plant Tour Electronic Data Systems Cherokee Center		Plant Tour
18-April-07	NONE		ASHRAE Satellite Broadcast - IAQ	ASHRAE Panel	Satellite Broadcast @ OSU-Tulsa
11-May-06	Proper Application of Valves	Mark Caeser; Crane	Green Design and Sustainability-Indefinable Success in a Defined World	Mitchell Swan, PE	Awards Night; Installation of Officers

# The Oil Capital Air

Northeastern Oklahoma Chapter  
 American Society of Heating Refrigerating and Air-  
 Conditioning Engineers, Inc.  
 P.O. Box 54069  
 Tulsa, OK 74155-0069

Visit our website at  
[www.ashrae-neok.org](http://www.ashrae-neok.org)

## Chapter Volunteers

### Officers:

		Voice	Fax
President	Dave Lam	250-5590	459-0997
President-Elect	Nancy Mack	615-1430	615-1435
Secretary	Dan Owens	270-1414	254-1444
Treasurer	Dan Owens	270-1414	254-1444

### Board of Governors

Robert Allwein		770-5380	
Bill Hanlon		622-1500	835-9992
Mike Beda		664-0312	665-3351
Mike Gulizio		455-1712	451-1596
Steve Uerling		836-0271	836-0275

### Committee Chairs

CRC Delegate	Steve Johnson	270-1414	270-1444
CRC Alternate	Joel Karstetter	665-3974	666-4219

### Committee Chairs (cont.)

Attendance	Scott Pollard	250-5590	459-0997
Directory	Bill Hanlon	622-1500	627-7004
Historian	Bob Allwein	770-5380	
Honors & Awards	Gene L. Redford	270-1414	254-1444
Invocations	Paul Roberts	665-6600	627-7004
Membership	Chuck Mayfield	624-1005	624-1006
Newsletter	Nancy Mack	615-1430	615-1435
Technology Transfer	Brian Hamilton	858-0060	858-0061
Programs (Main)	Brian Hamilton	858-0060	858-0061
Programs (Tech)	Keith Browne	258-7460	258-7460
Publicity	Chad Marazas	250-5522	250-5419
Reception	Scott Tucker	258-4059	459-0997
Refrigeration	Mike Guillen	664-0312	665-3351
Resource Promotion	Rob Teis	382-6134	382-6295
Special Events	Jerry Beardslee	587-4747	587-8008
Student Activities	Sam Davis	249-1918	249-9014
TEGA	Jeff Ferguson	877-6000	877-4000
Webmaster	Paul Mannas	664-0312	665-3351

## Calendar of Events

### Important Dates

August 17, 2006 .....	Board of Governors
September 14, 2006 .....	Chapter Golf Tourney
September 21, 2006 .....	Board of Governors
October 12, 2006 .....	Chapter
October 19, 2006 .....	Board of Governors
November 9, 2006 .....	Chapter
November 28, 2006 .....	Board of Governors
December 14, 2006 .....	Chapter
December 21, 2006 .....	Board of Governors
January 11, 2007 .....	Chapter
January 18, 2007 .....	Board of Governors
January 27-31, 2006 .....	ASHRAE Winter Meeting
February 8, 2007 .....	Chapter
February 15, 2007 .....	Board of Governors
March 8, 2007 .....	Chapter
March 15, 2007 .....	Board of Governors
April 5, 2007 .....	Chapter
April 13-15, 2007 .....	CRC
April 19, 2007 .....	Board of Governors
May 10, 2007 .....	Chapter
May 17, 2007 .....	Board of Governors
June 23-27, 2005 .....	Annual Meeting

### Meeting

### Location

Siemens
Clary Fields Golf Club
ABS
Renaissance Hotel
ABS
Renaissance Hotel
ABS
Renaissance Hotel
ABS
Renaissance Hotel
ABS
Dallas, TX
Renaissance Hotel
ABS
Renaissance Hotel
ABS
Plant Tour
Oklahoma City, OK
ABS
Renaissance Hotel
ABS
Long Beach, CA