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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

October 2010

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UPCOMING EVENTS

- **October 14th** —
*Chapter Meeting at
Uncle Buck's Grill*
- **October 21st** —
*Board of Governors
Meeting at Joe's Crab
Shack*

We Hope You Will Join Us

President's Message

By: Rob Teis

That is a phrase we will all start seeing and hearing more of as the year comes to a close. However, with the opportunity of our first regular meeting of the year coming up, I would like to jump on the "We hope you will join us" bandwagon a little early and say "We hope you will join us". The Bass Pro Shop restaurant will continue to be the venue, but since our May meeting the name has changed to Uncle Buck's. This month will be an 11:30 AM lunch meeting. Although I have invited you in a manner which is a bit cliché, I hope you will take my invitation enthusiastically and pass it along to a friend or colleague. I challenge each of you reading this to invite someone who you have not seen at a meeting lately to attend.

We had fantastic participation at the golf tournament and picnic. Thank you to Mary Goins and Dave Myers for your efforts in making this another great event; raising our spirits and needed money for ASHRAE Research. Thank you to our generous flag and hole sponsors and thank you to all who attended.

Rob Teis can be reached at
918-382-6134 or robt@aaon.com



Rob Teis
2010-2011 Chapter President

OCTOBER CHAPTER LUNCH MEETING

October 14th, 2010 11:30 AM
Uncle Buck's Grill at Bass Pro Shops
101 Bass Pro Drive
Broken Arrow, OK 74012

Golf Tournament Recap

By: Mary Goins

What a great time we had at the 2010 golf tournament! At the beginning of the day we all feared it may be cancelled because of rain, but the sun came out and the temperatures were perfect for a day on the course. In fact we had 94 golf participants and many more for the indoor picnic. There were also many great door prizes donated by our members.

The winners of the tournament, from Heatwave Supply, walked away with \$300.00 and will have the honor of hanging the trophy until next year's event. Second place, \$200.00, went to McIntosh Services and their guests. Omni-2 and their guests captured 3rd place and \$100.00. Other cash prizes, \$50.00 each, went to Rick Battin for closest to the 5th pin, John Cook for closest to the 15th pin and Bret Alcorn for the long distance drive.

We have already begun planning for next year's tournament and hope to make it even bigger and better. If you have some idea's to improve next year's tournament please take the time to share them with us or perhaps volunteer to be a part of next year's event.

Mary Goins can be reached at
918-259-3740 or mary@flowmaticsinc.com

Pictures From This Year's Golf Tournament



Research Promotion

By: David Myers

Thank you again to all of our generous sponsors for the golf tournament. Over \$8,000 was generated for Research from sponsorships and mulligans sold at the tournament. We had 14 flag sponsors, 12 hole sponsors, and 24 mulligans were sold on the day of the tournament. This made the Grand Total of \$8,170.00.

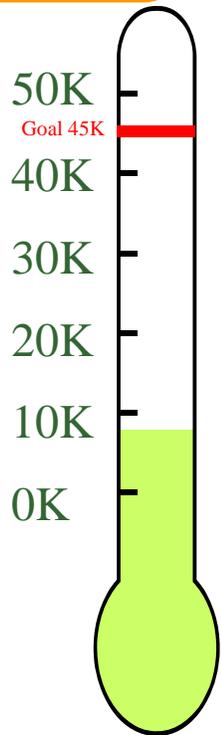
Flag Sponsors were: AAON, Airetech Corp., Applied Equipment Sales, ASHRAE-NEOK Chapter, Automated Building Systems-Tulsa, Control Installations, CYNTERGY, DS Herron Co., Integrated Control Systems LLC, Johnson Controls, McIntosh Services, Northwest Controls, Omni-2 Mechanical Services, and Process Equipment Company.

Hole Sponsors were: AMECO, Boon & Boone Sales, Captive-Aire Systems, Carrier Commercial Services, Dyna Service, Engineered Equipment Inc., Heatwave Supply, Krueger, MPW Engineering LLC, PVI Industries, Red Bud Service, and Tulsa Air Specialists.

Those that have yet to send in their sponsorship checks, please get them sent in. Those that have paid I'll have your Flag at the next Chapter Meeting on October 14, 2010. Feel free to call me and I can deliver or mail to you. I'll even pick up your check.

We're at 18% of our goal of \$45,000 for 2010-2011. Watch for future Chapter events to continue to raise additional funds for ASHRAE Research Promotion. Thanks.

David Myers can be reached at
918-382-6191 or davidm@aaon.com



Research
Promotion
Dollars

Treasurer Report

By: Chad Smith

Thank you to everyone for paying all entry fees on time at the golf tournament. As we kick off the 2010-2011 ASHRAE year, I want to remind everyone to get your checks in early for any booster tickets that you want to purchase. The booster tickets are the easiest way to take care of your meals. It will prepay your meals for the year and save you from having to get receipts to get reimbursed by your company if they pay for your meeting meals.

Additionally this year, we are also allowing companies to prepay for a certain number of meals they desire. Rather than buy multiple booster tickets, if they have multiple employees that are members and want to prepay for 30 meals for the year, they can do that rather than buy booster tickets that cover 8 meals and potentially have meals left over at the end of the year.

Lastly, be sure to renew your ASHRAE dues. The NEOK chapter has elected to have Society collect our local dues and pay them. So when you renew, your renewal amount will include the local dues and that amount will get forwarded to us by Society.

Chad Smith can be reached at
918-665-6600 or Chad@airetechcorp.com

Net Worth - As of 9/16/2010 (Includes unrealized gains) As of 9/16/2010	
Account	9/16/2010 Balance
ASSETS	
Cash and Bank Accounts	
Checking at International Bank of Comme	9,135.14
Jack Tumilty Scholarship Fund	26,945.25
TOTAL Cash and Bank Accounts	36,080.39
Other Assets	
Customer Invoices	564.00
TOTAL Other Assets	564.00
Investments	
NEOK ASHRAE	13,291.53
TOTAL Investments	13,291.53
TOTAL ASSETS	49,935.92
LIABILITIES	
Other Liabilities	
Sales Tax	0.00
TOTAL Other Liabilities	0.00
TOTAL LIABILITIES	0.00
OVERALL TOTAL	49,935.92

Chapter Technology Transfer

By: Duane Harmon

This month's main program will be presented by Micah Burdge, who works on PSO's Energy Efficiency and Consumer Programs. Micah began working with Public Service Company of Oklahoma in June of 2000 as an engineering technician, designing the electrical distribution systems for large residential communities. Micah graduated from Oklahoma State University in May of 2004 with a bachelor's degree in Mechanical Engineering. From 2004 until January 2010, Micah worked with PSO's commercial and light industrial customers on facility expansions, upgrades, and power quality. In January of 2010, Micah transitioned from the distribution engineering position over to PSO's newly formed Consumer Programs group, where Micah manages the large commercial and industrial energy efficiency programs as well as PSO's demand response offerings.

In 2008, PSO filed for and received approval for 7 "quick start" demand side management (DSM) pilot programs. In 2010, PSO received a 3 year approval for 17 DSM programs and a research and development LED street lighting pilot with EPRI. Micah's presentation will quickly highlight PSO's different commercial and industrial offerings, as well as provide some success stories and overall goals. Micah will detail the program participation process and field questions. Programs offered are available at www.aepefficiency.com.

Duane Harmon can be reached at
918-877-6000 or dharman@cyntergyaec.com

ASHRAE Scholarship Opportunities

Those of you that know a student returning to school this fall please let them know that scholarship money is available to help them further their careers in the building industry. ASHRAE has numerous scholarships available for the 2011-2012 academic year and, in the past 20 years, has awarded over 200 scholarships totaling more than \$1 million.

The eligibility criteria and an application can be obtained at www.ashrae.org/scholarships. Your assistance in distributing information about the Society's scholarship opportunities available to qualified and interested students is appreciated. Applications for the 2011-2012 Undergraduate Engineering, Regional, and University-specific Scholarships are now being accepted and must be mailed and postmarked by December 1, 2010 to receive consideration.

Additionally, there are two new scholarships available to students entering their first year of college. High school seniors who have been accepted into a pre-engineering, engineering or engineering technology curriculum for the 2011-2012 academic year, and meet all other criteria, may apply. The deadline for submitting an application for the High School Engineering and Engineering Technology Scholarships is May 1, 2011.

For information on how students can become involved in ASHRAE to further their career goals, please visit www.ashrae.org/students.

NEXT MEETING
October 14th, 2010 11:30 AM
LUNCH MEETING

Publicity

By: Justin Roush

We will be reviving the NEOK ASHRAE poker night this year on November 9th with proceeds benefitting ASHRAE research. Please take a look at the flyer at the end of the newsletter for more information.

If anyone has any items that they want to tell the chapter about for the bulletin board, please submit those by October 20th for inclusion in the November newsletter.

Justin Roush can be reached at
918-258-6890 or jroush@fkiengineers.com

Chapter History

By: Gene Redford

This month we are featuring Terry Coleman, owner of Tulsa Air Specialist. Terry was born in Okemah, Oklahoma in 1950. His dad was a salesman for an oilfield supply company, which meant lots of moving around. Finally his dad settled in Terlton, OK when he went to work for the Corp of Engineers at Keystone Dam.

Terry said at that time Terlton Schools only went to the eighth grade, so he finished school in Mannford and graduated from high school in 1968. Terry attended OSU and graduated with a pre-law degree in 1972. He worked in construction during the summers while in high school and college.

After college Terry put in several applications around Tulsa but was unable to find a job, as the economy was slow around that time. Terry heard from one of his high school friends about the sheet metal workers Local 270. He applied and was accepted in the apprentice program. He went to work for Tom Venable Company in July 1972. Marvin Ashmore bought out Tom Venable in 1979, and Terry stayed with Marvin until 1982. Terry worked for McIntosh Service for approximately one year before starting his own company in August 1983.

Terry's first employee was Fred Davenport, and they moved into a building at 418 S Peoria. Fred stayed with Terry for 25 years and then retired in 2008. Terry said the roof leaked and his landlord raised his rent but would not repair the roof, so he started looking for a new place. He noticed Tom's old site at 1515 E. 6th street was vacant, so he made a deal with the owner and moved his two trucks and the company in the winter of 1988. He stayed in that location for 10 years. About that time the company had outgrown their existing location, and he bought the building where they are now located at 703 S Wheeling.

The company started out as a sheet metal company and kept growing the business to where they are now—a full mechanical and service company. Tulsa Air Specialist became NEBB certified in 1988, which opened some new ventures for the company. By this time Terry was able to hire a full time secretary, which helped out at home as his wife had been doing this work up until that time.

During the early days of his career Terry attended several instructor seminars and a two-week test and balance school in Denver, CO. In 1980, he began working part time as an instructor for Local 270 teaching sheet metal layout and later taught test and balance work. He quit teaching in 1987.

Terry has been married for 38 years, and he and his wife have two sons and one daughter. His son Jeff is working in the business now with hopes of taking over when Terry decides to retire.

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Terry has been a member of the NEO chapter of ASHRAE since 1995, and his most rewarding accomplishments are the friends and the business challenges that he has had along this journey.

Gene Redford can be reached at
918.270.1414 or redford.g@mcintoshservices.com

August 19th BOG Minutes

By: Scott Pollard

Attendees: Chad Smith, Bob Allwein, Chuck Mayfield, Joel Karstetter, Justin Roush, Mike Kirk, Dan Owens, Mary Over, Bill Hanlon, Keith Browne, Gene Redford, Scott Pollard, Rob Teis, Dave Myers, Duane Harman, Patrick Chapman

The NEOK Chapter Board of Governors (BOG) meeting was held on August 19th, 2010 at Joe's Crab Shack.

Chapter President Rob Teis called the meeting to order at 4:42 PM.

Minutes: May BOG Meeting minutes were accepted as submitted.

Treasurer: Chad Smith reviewed the financial reports. We have received the first round of chapter dues from the Society national office. We received a \$200 credit due to a deposit being returned. We still need to move all the accounts to BOK.

Newsletter: Mike Kirk stated that newsletter articles will be due August 27th. Changes to the newsletter included going to a single column format for ease of online viewing, local news items were added, financials were added, RP thermometer for goal was added, PAOE thermometer was added. If you have any local news, promotions, etc, get it to Justin for the local column.

Research Promotion: Dave Myers stated we are still in need of sponsors for golf tournament. Currently have \$4200 in sponsorships.

CTT – Chair/Main Programs: Duane Harman stated he has talked to RVC. We have a DL set up for January's lunch meeting regarding documentation. Duane has met with Mike Phelps to help fill in the schedule for the technical programs. Duane is trying to get the December meeting as a joint meeting with AIA regarding BIM. Meeting will probably have to be at Marriot due to size of meeting.

CTT – TEGA, Refrigeration: Jeff Ferguson asked if anyone had been to Oklahoma Cold Storage and if that would be a good option for a refrigeration tour. Any tour suggestions would be appreciated. It was also suggested going to St. Francis for the ice storage plant.

Directory: Bill Hanlon stated that the new password is in place.

Historian: Gene Redford stated that the article is ready for the next issue.

Publicity: Justin Roush stated that we will have a poker night tentatively set for Tuesday November 9th. EEI will host the event. Need to determine what the grand prize will be. In the past, it was a portion of the buy-in pool. Money will be donated to research.

Website: Scott Pollard stated he needed updates for meeting information.

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Honors & Awards: Patrick Chapman stated that there were no awards given to local members this past year from the Society national level. We will be nominating Dave Knebel for the Exceptional Service Award. Please make sure you fill out your biographies so your information can be tracked for awards.

Special Events: Mary Goins stated that only 12 people have turned in registration forms so far. Email reminders will be sent out once a week to help get attendance up. Mary Bowers will still be coordinating the prizes and will be working the sign-in table.

CRC 2012 Host Committee: Dan Owens stated that the contract with Doubletree at Warren Place has been signed after the Society national review and are waiting on its return. Keith Browne stated that the CRC fund currently has \$13,290 and about \$10,000 in the checking account. Keith suggested that the board transferred some money to the CRC account. It was also suggested holding off until after the golf tournament to make sure we have cash in hand for a good cash flow situation. The hope is that the event will be cost neutral.

Old Business: Gavel has still not been located. Rob will price a new gavel.

New Business: Still need the outstanding MBOs. Code of Ethics will be added to the bylaws pdf on the website. There will be an ASHRAE satellite broadcast in April 2011 regarding ground source, and should start looking into the hosting information. Dan offered to host viewing past satellite broadcasts if needed.

The meeting was adjourned at 5:21PM.

Scott Pollard can be reached at
918-250-5590 or scott.pollard@omni-2.com

E-Vite Notifications

By: Robert Schatz

If you have stopped receiving meeting notifications from the E-Vite system and chapter newsletter notification, please contact me.

Robert Schatz can be reached at
918-836-0271 or robert.schatz@leeandbrowne.com

Membership Directory

By: Bill Hanlon

The password for the Member section of our chapter directory has been changed to reflect the new ASHRAE year. If you knew last year's password, you can probably figure out the new one. If not, there is a help button on the site. If your member information is incorrect you can update it at Society on line.

Bill Hanlon can be reached at
918-835-8333 or bill.hanlon@icstulsa.com

2010/2011 Programs

Date	Technical Session	Speaker	Main Program	Speaker	Theme and Special Guests
09/09/2010	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course	Golf Tournament at Clary Fields Golf Course
10/14/2010	NONE - Lunch Meeting	NONE - Lunch Meeting	AEP - Commercial and Industrial Efficiency Offerings	Micah Burdge	Membership; Refrigeration
11/11/2010	HVAC Acoustics	TBA	Engineering Ethics	TBA	Research and Consulting Engineers Night
12/09/2010	NONE - Lunch Meeting	NONE - Lunch Meeting	BIM - Joint meeting with AIA	Panel of 5 TBA	Panel Discussion
01/13/2011	NONE - Lunch Meeting	NONE - Lunch Meeting	Document Management & Discovery - How Documents & E-mails are Used in Litigation	Chris McDonald, HSB, ASHRAE DL	Membership Promotion & YEA
02/10/2011	NONE—Spouses Night	NONE—Spouses Night	NONE—Spouses Night	NONE—Spouses Night	Research Auction; Spouses Night
03/10/2011	Modular Chiller Systems	Tiffany Bates - ClimateCool	Natural Gas Industry	TBA	Student Activities, Past Presidents, & Golden Circle Night
04/14/2011	Basic Refrigeration	TBA	School Systems	TBA	Plant Tour
05/12/2011	Boiler 101	TBA	Chilled Beams	TBA	Awards Night; Installation of Officers

PAOE Points

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000





NEOK BOOSTER TICKET APPLICATION 2010 - 2011

Individual Booster Ticket	(Name)	@ \$175	\$
Individual Booster Ticket	(Name)	@ \$175	\$
Corporate Booster Ticket	Qty.	@ \$200	\$
Student Booster Ticket	Qty.	@ \$175*	\$
Member Promotion Ticket	Qty.	@ \$175*	\$
Student Meals	Qty.	@ \$25*	\$
Corporate Pre-Paid Meals	Qty of Meals _____	@ \$25 ea.	\$
		TOTAL PAID:	\$

*** Tax deductible donation for the benefit of the Chapter**

This year we have offered an additional means of prepaying meals intended for companies with multiple members and/or guests. Rather than buying booster tickets for 8 meals at a time, you can prepay a certain number of meals as determined by you and pay up front. I will keep a tally on how many meals you use and let you know as you get close to using them up.

For example, if you wanted to prepay for 20 meals, just bring me a check for \$ 500.00 and note what company is purchasing this on your check. You then will have 20 meal credits for the year to be used by anyone, regardless of whether or not they work for the company prepaying the meals. The only requirement I have is that someone from the company who pre-purchased the meals has to let me know if it is OK to use their prepay credits to pay for a guests meal.

Company Name: _____ Contact Person: _____

Address: _____

Phone: _____ Fax: _____

Make checks payable to: NEOK ASHRAE

Chad Smith will be on hand at all meetings to process your forms and checks. Contact Chad at 918-665-6600 with any questions.



Know When to Hold'em
Know When to Fold'em

Annual
Texas Hold'em
ASHRAE Research Fundraiser

Tuesday, November 9th, 2010
5:45 pm - ?
EEI / ABS
10404 E. 55th Place, Suite L

\$ 20.00 Buy-in Donation
\$ 20.00 Re-buy Donation
Pizza Provided / BYOB

RSVP: Justin Roush @ Flynt & Kallenberger 258-6890
jroush@fkiengineers.com

