

The Oil Capital Air

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

Volume LI, Issue 10

Tulsa, Oklahoma

May 2009

Special Points of Interest

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Thank You



Dan Owens
Chapter President

The ASHRAE year is wrapping up, this is my last president's message and I hope you have enjoyed reading them. What have we learned in the past year? Well if you have read all my articles you have learned about Love, Fellowship, Joy, Expectations, Golf, Change, Plants (Verb), Plants (Noun) and New Years. You have read quotes from religious leaders, presidents, comedians, philosophers, Zen masters, humorist and so on. If you have been to our meetings you have learned about testing and balancing, UV lights, steam systems, global warming (or lack there of), energy management, and the wit and wisdom of Will Rogers, just to name a few. I hope that you have enjoyed this year as much as I have.

President's Message

By: Dan Owens

The only people with whom you should try to get even are those who have helped you. ~John E. Southard

Did you know that you are reading the 2008-2009 Region VIII Best Newsletter and the 2008-2009 Region VIII Best Presidential Message? Those are just two of the awards that we picked up last month at the Region VIII CRC in Lubbock. Our Newsletter Editor, Chuck Mayfield, and I would like to thank everyone that contributed to this year's award winning newsletter.

William Arthur Ward once said, "God gave you a gift of 86,400 seconds today. Have you used one to say "thank you?" We did not win the golden gavel this year, but I want to thank all of the officers, board members and committee chairs for giving golden gavel performances this year. Under the leadership of incoming president Chuck Mayfield and with the nomination of Mike Kirk, the officers, board and most of the committees in place, that little gold hammer should find its way home next year.

Our final meeting is May 14th and I hope that all of you try to make it. Robert Schatz and Jeff Ferguson have lined up

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UPCOMING EVENTS

**May 14th - Chapter Meeting
at Islamorada Fish Company
(Bass Pro Shop)**

5:00 Cocktails

5:30 Technical Session

6:00 Dinner & Main Program

**May 21st - Board of Governors
Meeting at Joe's Crab
Shack (4:30 pm)**

MAY CHAPTER MEETING

Thursday, May 14th, 2009

Islamorada Fish Company @ Bass Pro Shop in Broken Arrow

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another great round of presenters. We will also be installing the next group of individuals that are going to lead this chapter for the 2009-2010 ASHRAE Year. I will not be able to attend the last meeting (Go ahead and say it...typical lame duck President) so I wanted to say THANK YOU, THANK YOU, THANK YOU. I thought that this was a great year and I take no credit, because without the hard work and dedication of all of the officers, board members, committee chairs, committee members, employees of McIntosh Services, Inc. and my family this year would not have been possible.

With that said I would like to close with a quote from William Shakespeare, "I can no other answer make, but, thanks, and thanks."

Dan Owens can be reached at 918.270.1414 or owens.d@mcintoshservices.com

Chapter Technology Transfer

By: Robert Schatz / Jeff Ferguson

Last month we enjoyed an very interesting tour of the Helmerich Advanced Technology Research Center on OSU's Tulsa campus. We were given an overview of the research capabilities at this facility. I would like to thank George Collington, manager of the OSU College of Engineering, Architecture and Technology Continuing Education for arranging and scheduling the tour. I would also like to thank Dr. Kenneth Ede and Lorenzo Cremaschi who conducted the tour. It was a very interesting sneak peak into the research facility's capabilities and some of the exciting projects that are being researched.

Thanks to everyone that attended the ASHRAE satellite broadcast "Clean, Lean, and Green: IAQ for Sustainable Buildings" on April 22nd. I would like to note a special thank you to O'Connor Company Inc. for providing the pizza and beverages for the event and a special thank you to Air Assurance for allowing us to use their facility for the event.

This month Jack Peters and Brent Fullerton with Loren Cook Company



Jack Peters

will be joining us from Springfield, Missouri to discuss Lab Exhaust Systems. Jack Peters is a graduate of Baldwin Wallace College with a Bachelor of Science Degree in Business Administration and a Minor in Economics. Jack has been employed by Loren Cook Company for 50 years. He has served as Sales Manager, Vice President of Sales and Marketing and is currently employed as the Regional Manager for the Central United States.

Brent Fullerton has been employed by the Loren Cook Company for the past twelve years. Currently holding the position of National Accounts Manager for the company, he has previously held the positions of Product Manager and Applications Engineer



Brent Fullerton

for both the Industrial and Commercial Product Divisions. He is active in the company's research and development for new and special products. In addition to his technical and sales re-

sponsibilities, he is also in charge of the course content for their Representative Training programs and their Interactive Technical Center. Mr. Fullerton serves as a voting member on AMCA's Code Action Review Committee and as a corresponding member on ASHRAE's TC 5.1, Fan Design and Application and TC 5.10, Kitchen Ventilation Technical Committees. He holds engineering and economics degrees from the University of Missouri – Rolla and a MBA from Drury University.

Mr. Dave Rausch, the Life Science Marketing Manager for Phoenix Controls, will present our technical session starting at 5:30 pm. Mr. Rausch's topic will be an overview of Laboratory Design. Please arrive early for a good seat.

As previously mentioned, the PDH sign-in sheet was misplaced for the lunch panel discussion in December. If you were in attendance and need a PDH please contact me. Also, if you were in attendance at the April tour of OSU HATRC building and need a PDH please contact me.

If you have any ideas or suggestions for program ideas please come forward as we are always in need of fresh ideas and perspectives.

Robert Schatz can be reached at 918.836.0271 or Robert.Schatz@leeandbrowne.com

Research Promotion

By: Chad Smith

I know it is sounding very repetitive, but I want to begin this article by saying "Thank You" to all of you who have donated corporately and individually. We just returned from CRC this year. The CRC recognizes the

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fundraising efforts for the 2007-2008 year, and as many of you know, the NEOK chapter met their target goal last year of \$ 47,015.00. In fact, our \$ raised/member ratio of \$ 219.00/member was the highest in society. Rob Teis was recognized for his efforts and the chapter as a whole was recognized for its efforts and generosity.

Additionally, I am happy to report that we are at about 86% of our goal for this year. We currently have collected over \$ 42,500.00 year to date. We still have some corporate and individual donations outstanding, so it is important that we get those in over the next few weeks. We are almost there, but we need a last minute push to get us to our goal.

I have listed the names of donors to the 2008-2009 campaign year to date. Please take time to read the list and recognize anyone in your organization who has contributed.

The Research Calling Committee will continue to contact you until the campaign has concluded in June. Please make all checks out to "ASHRAE Research", or the easiest way to donate is online at https://www.ashrae.org/aboutus/resource_promotion.asp. Remember, 100% of your donation goes to research. All the administrative costs associated with fund raising are taken out of ASHRAE's general fund, NOT the research funds raised. If you have any questions please contact Chad Smith.

Checks should be made out to "ASHRAE Research" and mailed to:

Chad Smith @ Airetech Corp
7636 E. 46th Pl. Tulsa, OK, 74145

Chad Smith can be reached at
918.665.6600 or chad@airetechcorp.com

Golden Circle Contributors - \$ 10,000.00 and up

AAON Inc
Mechanical Contractors Association - Eastern Oklahoma

Corporate Honor Roll Contributors

Acme Engineering & Manufacturing Corp
Air Duct Inc
Airetech Corporation
AMECO Inc
Applied Equipment Sales, Incorporated
Automated Building Services, Inc.
AVC Mechanical Sales, Inc.
Boone & Boone Sales Company
Browne Consulting Engineers Inc
Carrier Corporation - Tulsa
Control Installations, Inc.
Crafton, Tull, Sparks, & Assoc.
Design Air Systems
DS Herron Co Inc
Engineered Equipment Inc
Ferguson Enterprises, Inc.
Hambrick Ferguson Incorporated - Tulsa
Heatwave Supply Inc
Integrated Control Systems, LLC
John J Morgan Company
Lee & Browne Consulting Engineers
McIntosh Services Inc
Northeastern Oklahoma ASHRAE Chapter
OCE Mechanical LLC
Process Equipment Company Inc - Tulsa
PVI Industries- Ft. Worth
RAE Corporation
Red Bud Service, Inc.
SMACNA - Oklahoma
Soder Mechanical Inc
Trigen Tulsa Energy Corporation
Tulsa Air Specialists Incorporated

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*(Continued from page 3)***Individual Honor Roll****Contributors:**

Mr. Brady A Rohde
 Mr. Chad D Smith
 Mr. Charles B Mayfield
 Mr. D Scott Tucker
 Mr. Daniel D Owens
 Mr. Daniel F Moffitt
 Mr. Jerry D Smith
 Mr. Keith H Browne, PE
 Mr. Michael C Eldorado, PE
 Mr. Michael F Beda
 Mrs. Karen S. Beda
 Mr. Michael J Gulizio
 Mr. Michael R Base
 Mr. Robert Perry Teis
 Mr. Robert W Schatz
 Mr. Robert William Allwein
 Mr. Rod J Hammack
 Mr. Shawn C. Hough
 Mr. Steven Howard Johnson
 Mr. Tom D Owens, PE
 Mr. William J Hanlon
 Mr. Cary Pestel
 Mr. Edward C. Williams
 Mr. Gene L. Redford
 Mr. George X. Adams
 Mr. Jack Tumilty
 Mr. James L. Mitchell
 Mr. Jerry Green
 Mr. Jim Waldroop
 Mr. Joel Karstetter
 Mr. Mark W. Fly
 Mr. Paul E. Mannas
 Mr. Richard H. Drinkwater
 Mr. Steve Uerling
 Mr. William G. Boone
 Mr. William L. Harding
 Mr. William M. Kyger

History**By: Gene Redford**

Continued from last month...

This was the last year we held our meetings at the Trade Winds Restaurant. The 1970-71 year the chapter moved the meeting place to the Financial Club, top floor the building at 41st and Darlington, next to Southland Mall.

This was the beginning of the Chapter Roster. The roster was just a small pocket book with membership and officers. The next year we printed approximate 175 rosters.

Our chapter raised \$600.00 for Research that year, which is a long way from where we are today. Guess when you figure dues were only \$8.00/year and our booster tickets were running \$35.00/year, it all falls in line with cost at that time.

We held our first picnic and an informal golf tournament at LaFortune Park in the 1971-1972 year. We held our first annual Golf Tournament at LaFortune Park in the fall of 1974, and it grew from there. Sid Simon was our coordinating member of the golf tournament. Our chapter won the Award of Excellence that year.

In 1972-1973 chapter year we hosted the joint meeting with OKC in Tulsa at the Trade Winds with 141 in attendance. That would be nice today if we could get that kind of attendance.

In 1975-1976 year the chapter raised our dues to \$15.00/year and the booster tickets were raised to \$55.00/year.

By the end of the 70's our chapter had raised over \$3,000.00 for Research. We were giving out two \$150 Scholarships to TU and two more to OSU.

As we went into the 80's our chapter still held a Ladies night in December and Dinner Dance in the spring. The dues were at \$18/year and booster tickets at \$80/year. Our membership in 1980 was 131.

Those were the days.

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

The Spring Golf Tournament has been cancelled.

March BOG Minutes**By: Rob Teis**

Attendees: Bob Allwein, Joel Karstetter, Dan Owens, Mike Beda, Mike Kirk, Keith Browne, Paul Roberts, Mike Gulizio, Rob Teis, Chuck Mayfield, Bill Hanlon, Dave Lam, Sam Davis.

The NEOK Chapter Board of Governors (BOG) meeting was held on March 19th, 2009 at Joe's Crab Shack.

Chapter President, Dan Owens, called the meeting to order at 4:37 PM.

Minutes: The March 12th Chapter Meeting minutes & February 19th Board of Governors meeting minutes were approved as noted.

Treasurer: Mike Gulizio reported on the Federal 990E form for the 2007-08 fiscal year. The form must be filed for the period 6/30/08-7/1/08 by November 15, 2009.

There are 6 student memberships which need to be paid. Mike will contact members to help with the cost.

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Those who agreed to purchase student booster tickets, but whose donation was not needed at that time will be asked.



Mike Kirk, Steve Johnson & Paul Roberts enjoying the OSU Tulsa ATRC tour.

Mike will submit the financials for audit.

Newsletter: Articles for the next Newsletter are due March 26th. CRC is April 23rd.

Resource Promotion: Receipt invoice forms will be sent to members & companies soon.

Membership: Membership Committee PAOE points are in the process of being entered.

CTT / Main Programs: In light of last month's Chapter Meeting Main

Program the commercialization policy is being reviewed. Correspondence from the chapter to guest speakers will more clear regarding this policy as outlined by ASHRAE.

There have been some difficulties defining a date for the Plant Tour at OSU Tulsa. Both the new Creek Casino & Cherokee casino addition were discussed as possibilities if we can not achieve a resolution with OSU Tulsa.

Air Assurance will be hosting the April 22 Satellite Broadcast. E-Vite will be issued soon.

Refrigeration: Mike Kirk reported the BOK Center tour had 30 attendees & was a good tour.

Student Activities: Sam Davis reported there are 2 student scholarship awards and their checks will be issued at the forthcoming meeting.

More work will be done to discover the number of students attending chapter meetings to help avoid problems with insufficient food & seating at chapter meetings.

Keith Browne indicated he has received no applications for the Tumilty



Keith Browne & Dan Owens in a clean room

Scholarship. He will post a request in the next chapter newsletter. If there are no applicants, the funds will not be distributed this year.

Directory: Bill Hanlon has e-mail addresses for the Golden Gavel Committee. He will be sending board members a link to review the version of the on-line directory which will be used for judging. After comments are received & incorporated, the link will be e-mailed to the Golden Gavel Committee.

Historian/Honors & Awards: Gene Redford has entered almost two times the number of PAOE points as the next closest chapter in our region. Way to go Gene!

Reception: Board members discussed the idea of using paper name tags at the Plant Tour.

Website: Paul Mannas is keeping the web site current. The cost for Ryan Crone to take over during the summer needs to be approved.

CRC Action Committee: Dave Lam is reviewing PAOE points.

Blocked rooms for CRC will be held until March 25. They will be available to anyone after that date.



Dr. Kenneth Ede explaining one of the labs at OSU Tulsa ATRC.

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Jack Vermillion accepts a \$1,000 scholarship from Sam Davis and Roger Shepherd.

Nancy Mack will not attend CRC. Dan Owens will be appointed Alternate. Dan Owens has changed the Delegate position to be held by the Chapter's immediate past President from this point forward.

New Business: Badges need to be purged. New member's names need to be added. Meeting was adjourned at 5:42 pm.

Rob Teis can be reached at 382.6134

Special Events: Rob Teis reported the Spring Golf Tournament benefiting hosting CRC in 2012 will be held on Wednesday, May 13 at South Lakes Golf Course. Chad Smith will be sending out a flyer with pricing & information. Chad & Mike Guillen will be coordinating the arrangements & food. The tournament will have a 1:00 pm shotgun start.

CRC Host Committee: Dan Owens reported on the visit to the Crowne Plaza. He indicated the Double Tree at Warren Place will be visited next. Stokely Event Center might be a good place for the Reception. Paul Roberts is investigating possibilities for the CRC Chair position. Jack Tumilty will be asked to be Honorary Chair.

Student Activities

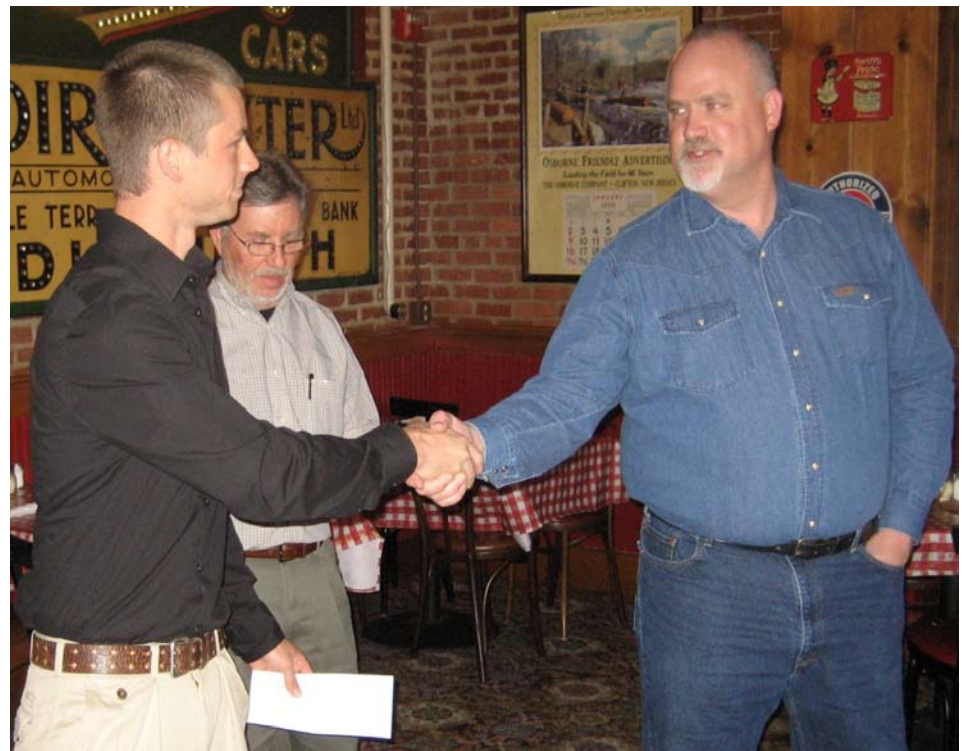
By: Sam Davis

This year's scholarship winners were recognized and given their awards at our most recent meeting on April 9th. The winner of the \$1,000.00 scholarship was Jack Vermillion who is attending OSU-Okmulgee. Jack is enrolled in their Air Conditioning and Refrigeration program.

A second scholarship was awarded to Blake Faluotico for \$600. Blake attends OSU-Okmulgee and is enrolled in their Air Conditioning and Refrigeration program.

Both students are in their first year of the program and will be great assets to our profession.

Sam Davis can be reached at 918.249.1918



Blake Faluotico accepts a \$600 scholarship from Sam Davis and Roger Shepherd.

2008/2009 Programs

Date	Technical Session	Speaker	Main Program	Speaker	Theme and Special Guests
11-Sept-08	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
9-Oct-08	The Global Warming Myth	Mr. Keith Browne	Rising cost of utilities	Mr. Stewart Solomon — President of PSO	Membership Night; Refrigeration Night
13-Nov-08	Proportional Balancing	Mr. John Hamilton TABB	What you need to know about the energy balance between HVAC, TAB & Commissioning	Mr. John Hamilton TABB	Research and Consulting Engineers Night;
10-Dec-08 (WED)	NONE - Lunch Meeting	NONE - Lunch Meeting	LEED	Local panel	Panel Discussion
8-Jan-09	NONE - Lunch Meeting	NONE - Lunch Meeting	UV Lights— Distinguished Lecturer	Mr. Forrest Fencil	Membership Promotion Lunch & YEA Lunch
12-Feb-09	NONE—Auction and Spouses Night	NONE—Auction and Spouses Night	Will Rogers Impersonator	Mr. Andy Hogan	Research Auction; Spouses Night
12-Mar-09	Energy Management Services - A Consulting Engineer's perspective	Mr. Jeff Hunt, Facility Engineering Associates	Maximizing energy savings in steam lines	Mr. Jerry Sossamon, Spirax Sarco	Student Activities, Past Presidents, & Golden Circle Night
9-April-09	NONE—Plant Tour OSU Tulsa ATRC	NONE—Plant Tour OSU Tulsa ATRC	NONE- Plant Tour OSU Tulsa ATRC	NONE—Plant Tour OSU Tulsa ATRC	NONE -Plant Tour OSU Tulsa ATRC
14-May-09	Laboratory Design Overview	Phoenix Controls Dave Rausch	Lab Exhaust Systems	Mr. Jack Peters Loren Cook	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

Chapter Volunteers

<u>Officers:</u>	Voice	Fax	Committee Chairs (cont.)	Voice	Fax
President Dan Owens	270-1414	254-1444	Attendance Scott Pollard	250-5590	459-0997
President-Elect Chuck Mayfield	624-1005	624-1006	Directory Bill Hanlon	835-8333	835-9992
Treasurer Mike Gulizio	455-1712	451-1596	Historian Gene L. Redford	270-1414	254-1444
Secretary Rob Teis	382-6134	382-6295	Honors & Awards Gene L. Redford	270-1414	254-1444
			Invocations Paul Roberts	382-6268	382-6295
			Membership Mike Guillen	258-2665	258-9276
			Newsletter Chuck Mayfield	624-1005	624-1006
			Programs (Main) Robert Schatz	836-0271	836-0275
			Programs (Tech) Jeff Ferguson	877-6000	877-4000
			Publicity Dustin Searcy	641-5859	641-5857
			Reception Scott Sherwood	317-3152	250-5419
			Refrigeration Mike Kirk	258-5618	258-2425
			Research Promotion Chad Smith	665-6600	627-7004
			Special Events Jerry Beardslee	587-4747	587-8008
			Student Activities Sam Davis	249-1918	249-9014
			Sustainability Chad Marazas	317-3151	250-5419
			Webmaster Paul Mannas	664-0312	665-3351

<u>Board of Governors</u>	Voice	Fax
Robert Allwein	770-5380	n/a
Bill Hanlon	835-8333	835-9992
Mike Beda	664-0312	665-3351
Joel Karstetter	665-3974	836-0275
Keith Browne	258-7460	258-7460

<u>Committee Chairs</u>	Voice	Fax
CRC Delegate Dave Lam	250-5590	459-0997
CRC Alternate Nancy Mack	230-3350	n/a

Calendar of Events

Important Dates

August 21, 2008.....	Board of Governors
September 11, 2008 .	Chapter Golf Tourney
September 18, 2008 .	Board of Governors
October 9, 2008.....	Chapter
October 16, 2008.....	Board of Governors
November 13, 2008..	Chapter
November 20, 2008..	Board of Governors
December 10, 2008 .. WED	Chapter Lunch Meeting
December 18, 2008 ...	Board of Governors
January 8, 2009	Chapter Lunch Meeting
January 15, 2009	Board of Governors
January 24-28, 2009 .	ASHRAE Winter Meeting
February 12, 2009	Chapter
February 19, 2009	Board of Governors
March 12, 2009	Chapter
March 19, 2009	Board of Governors
April 9, 2009	Chapter
April 16, 2009	Board of Governors
April 23-25, 2009.....	CRC
May 13, 2009	Spring Golf Tourney
May 14, 2009	Chapter
May 21, 2009	Board of Governors
June 20-24, 2009.....	Annual Meeting

Location

Joe's Crab Shack
Clary Fields Golf Club
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Chicago, IL
Islamorada Fish Company
Joe's Crab Shack
Islamorada Fish Company
Joe's Crab Shack
Plant Tour
Joe's Crab Shack
Lubbock, TX
Spring Lakes Golf Course
Islamorada Fish Company
Joe's Crab Shack
Louisville, KY

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