



# The Oil Capital Air

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

Volume LII, Issue 7

Tulsa, Oklahoma

February 2010

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## Keeping your Resolutions?



Chuck Mayfield  
Chapter President

### President's Message

By: Chuck Mayfield

Last month my article was about New Year's Resolutions. I hopped on the internet to investigate the facts about resolutions and this is what I found. *About two out of three people are still*

*keeping their resolutions after the first two months. About two out of three people actually make three or more resolutions. The top resolutions usually involve promises to exercise more (37%), increasing the time devoted to study or work (23%), losing weight, stop smoking or drinking (alcohol and/or coffee), and eat healthier. People make more resolutions to start a new habit (84%), than to break an old one (16%).*

Why am I throwing all of these facts at you? First, I hope you are making progress with your list of resolutions. I hope you put ASHRAE on your list for this year. If you missed our January meeting, now is the time to keep your resolution. We have another meeting on February 11<sup>th</sup>. As I stated above, the facts show that over eight out of ten people try to start new habits. This is your time to continue your new ASHRAE habit. If you need more exercise, come early to the meeting and walk around the Bass Pro Shop for exercise. If you need a healthier diet, we normally have good choices on our buffet for those watching their figure.

Second, one of my resolutions is to spend more time with my family and friends. The February 11<sup>th</sup> meeting will allow all of us to do that because it is spouse's night. Please tell your spouse today. Make sure that you save the date, get a babysitter, and make plans to attend. This will be one of the best meetings of the year, trust me.

Third, another one of my resolutions is to give more. ASHRAE can help you with this as well. At this meeting we will have our annual auction. This is our second largest fundraiser each year, benefiting ASHRAE Research Promotion. Not only will you find great items to purchase but you will be donating your money to a cause that will reinvest in our industry. 100% of the proceeds will go to ASHRAE in Atlanta to further HVAC research. A good portion of the funds are funneled back to Oklahoma to universities and businesses to assist in multiple research projects. By the way, rumor has it that Mary will make her famous pies for the auction. I am sure Joel Karstetter and Tom Owens will wrestle for the lemon pie.

Last but not least, Mr. Joe McGee will be our guest speaker. Joe presents some of the most entertaining yet practical and insightful teaching on the family available today. His laugh-and-learn approach removes barriers and provides a refreshing point of view, a new hope for better families.

"When one door closes another door opens; but we so often look so long and so regretfully upon the closed door, that we do not see the ones which open for us." -- Alexander Graham Bell. The ASHRAE

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## UPCOMING EVENTS

- **February 11th - Chapter Meeting at Islamorada Fish Company, Bass Pro Shop**

6:00 pm Social

6:30 pm Main Program & auction

- **February 18th, 4:30 pm Board of Governors Meeting at Joe's Crab Shack**

**\* Don't forget to buy half-pot tickets at the next meeting!!! February 11th could be the day you draw the ace of spades & take half of the cash.**

## FEBRUARY CHAPTER MEETING

February 11th, 2010  
Islamorada Fish Company

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door is open. Please come with your spouse on February 11<sup>th</sup> and keep your ASHRAE resolution alive.

Chuck Mayfield can be reached at  
918.624-1005 or cmayfield@eei-ok.com

## Chapter Technology Transfer

By: Duane Harman

Last month's main program was a success thanks to Sam Neale, AAON's Marketing Manager. Mr. Neale's presentation covered the new energy standards for the differing agencies that relate to HVAC industry. Mr. Neale's discussion also included new technologies available for enhanced energy and building performance.

This month's main program is geared toward spouses night. The speaker is Joe McGee. Mr. McGee, minister, author, national conference speaker, father, and former school administrator is the founder and director of Faith for Families and Joe McGee Ministries.

Joe presents some of the most entertaining yet practical and insightful teaching on the family available today. Packing more into one sermon than anyone you've ever met, Joe's insights into relationships will open up scriptural secrets and common-sense applications which will powerfully change your marriage, your family and your life.

Joe mixes years of personal experience with principles of God's Word to bring pointed but humorous illustrations which will challenge you to become what God intended you to be. His laugh-and-learn approach removes barriers and provides a refreshing point of view, a new hope for better families and a deeper commitment to obey the Word of God.

As a husband of over thirty years and father of six children, Joe has invested the past twenty-five years in training people from all walks of life in family, marriage, and parenting issues.

Joe and his family make their home in Tulsa, Oklahoma.

Duane Harman can be reached at  
918.877-6000 or dharman@cyntergyaec.com

## Student Activities

By: Sam Davis

The education committee is in the process of receiving applications for Students Scholarships. The scholarships are

open to students enrolled in HVAC or mechanical engineering curriculums and who meet the requirements. ASHRAE members that have friends or relatives that are students in these fields should encourage them to apply for an applicable scholarship. The Northeastern Oklahoma ASHRAE Chapter offers annually two scholarships of \$800 each to two local college students and one \$1000 scholarship to a local area high-school senior entering the mechanical engineering field of study in college. All of the directions and information are located under the student section tab of our local website----- <http://www.ashrae-neok.org>. Please contact me with any specific questions.

Sam Davis can be reached at  
918.249-1918 or Sdavis@federalcorp.com

## Research Promotion

By: Chad Smith

February means it is auction time. We are still gathering donations for the auction on February 11<sup>th</sup>. It will be a great opportunity to spend time with colleagues, meet their spouses, and to bid for some great items with all proceeds benefiting ASHRAE research. Jim Keim will be making a return appearance as our professional auctioneer which is just one more reason not to miss the auction.

Items that have been donated so far include gift certificates to Bass Pro Shop, area college basketball tickets, Mother Mary's homemade pies, Bill Hanlon's homemade cookies, and gift certificates for restaurants and other entertainment. We still need more items, so if you have anything that you would like to donate, please call or e-mail Chad Smith at [chad@airetechcorp.com](mailto:chad@airetechcorp.com) or call me at 665-6600 to coordinate.

Please remember to bring your checkbooks with you to February's meeting so that you can pay for the items that you win in the auction.

We are now gearing up for the calling campaign for the last half of the year, and will be distributing donor history information in the near future to those individuals who have graciously volunteered to be on the calling committee. Please give generously when asked. Thank you and we'll see you at the auction!

Chad Smith can be reached at  
918.665-6600 or Chad@airetechcorp.com

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## Chapter History

By: Gene Redford

I have been fortunate to have people come forward from time to time with suggestions on articles and credit goes to Jim Waldrop for this month's history article. Even though Marilyn Barron may have not been an active member of ASHRAE, she has been very active in our industry over the past 36 years. Marilyn has decided to retire to fully enjoy her grandkids and do more of the things she has not had time to do in life. We wish her the best.

When you look back over Marilyn's career you will notice the different companies she has worked for, but then realize she has not really changed jobs; the companies she worked for just happen to change their names. Marilyn went to work for Natkin & Company in 1973 which changed to Natkin Contracting, LLC in 1996. In 2002 the company changed to Scott Contractors & again the name changed to Way Contractors in 2003. When that name went away, Tom Owens of McIntosh Services bought what was left of Way Contractors Tulsa personnel. The way I see it, she has never left a company to go to work for another company; the companies have left her. Marilyn has been patient, hung in there for a great and challenging career and made lots of friends along the way.

Marilyn started her career with Natkin & Company in October 1973 as a field office secretary for Ken Bayley when St. Francis Hospital started a major expansion project that lasted for several years. When that project finished Marilyn moved into the District office and became Dean Hawley's secretary and stayed in that position, until an opportunity came along for her to start her training as a project manager.

Marilyn spent the next several years in Bartlesville, OK cutting her teeth on the many project expansions for Phillips Petroleum in the late 70's into the 80's.

Marilyn has worked on many different projects such as EDS Cherokee Data Center, Thermal Engineering, American Airlines, Union High School, Franciscan Villa, University of Tulsa, Sunoco, Inc., Phillips Petroleum, Jane Phillip's Hospital, and the list goes on....

Most everyone in our chapter has worked with Marilyn at one time or another during her career in the Tulsa market. Once again, I think this shows how much talent Tulsa has been fortunate to have over the past 40 plus years. This

talent and experience is the reason our chapter remains one of the top chapters in ASHRAE.

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

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## January 14th Chapter Meeting Minutes

By: Mike Gulizio

NEOK ASHRAE Chapter Meeting was held on January 14<sup>th</sup>, 2010 at the Broken Arrow Bass Pro Complex.

A Buffet Lunch began and President Chuck Mayfield called the meeting to order at 11:44AM.

Brady King introduced our guests: Kerry Kurin, Brett Landrum, Bill Reynolds, Ryan Shaw, David Tidwell, Lori Daniel, Emily Cooper & Charlie Hoy.

Chad Smith, our Research Promotion Chair, led the group in our Pledge of Allegiance and delivered a short talk on our abundance in light of the current situation in Haiti. Chad also remembered Bobby Vermillion the OKC Chapter RP chair who recently passed away. Chad made an appeal for items for the RP auction in February.

Scott Sherwood, Membership Chair, announced 3 new members: Diego Pena, Laura Finley & Rich Castleberry.

Bill Hanlon and Gene Redford drew tickets for our Half-Pot fundraising effort. The Ace-of-Spades has still not been drawn.

Sam Neale, AAON Marketing Manager, was introduced as our luncheon speaker. The title of the talk was, "Upcoming Code Changes for HVAC Equipment."

The meeting was adjourned at 12:45 PM.

Mike Gulizio can be reached at 918.455-1712 or mgulizio@cox.net

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## January 21st Board of Governors Meeting Minutes

By: Mike Gulizio

**Attendees:** Duane Harman, Chuck Mayfield, Dan Owens, Mike Kirk, , Mike Gulizio, Bill Hanlon, Bob Allwein, Chad Smith, Jeff Ferguson, Scott Pollard, Sam Davis, Keith Browne, Joel Karstetter, Eric Norris, Paul Roberts

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The NEOK Chapter Board of Governors (BOG) meeting was held on January 21<sup>st</sup>, 2010 at Joe's Crab Shack.

Chapter President, Chuck Mayfield, called the meeting to order at 4:33 PM.

**Treasurer:** Mike Kirk reviewed the financial figures for the month. Bill Hanlon questioned an expense item listed as "miscellaneous". Mike explained it was to purchase a new awards banner. Bob Allwein made a motion that a Corporate Booster Ticket include the cost of all eight meeting meals rather than the traditional seven. The motion was seconded and approved bring the new cost to \$200.00 per year.

**Newsletter:** Articles for the next Newsletter are due January 22nd.

**Resource Promotion:** Chad Smith reported that we have two donations for Auction Gifts to date. Ideas were discussed for more ways to raise Research Funds.

**Membership:** The Membership Award plaque has been found and will be awarded at a future meeting.

**CTT / Main Programs:** Duane Harman reported that most speaking slots for the year had been filled.

**CTT/Refrigeration:** President Mayfield asked Eric Norris to put together a Refrigeration article for the newsletter. Eric is looking for a location to hold the April Plant Refrigeration tour,

**Student Activities:** Sam Davis announced that we will be awarding two college level scholarships this year and one scholarship to a high school graduating senior .

**Website:** Scott Pollard requested \$34.95 to pay for our web hosting service. This was approved. Scott is endeavoring to have a donation icon for Research and Scholarships be added to our website.

**CRC Action Committee:** The committee organizing for the 2012 CRC is meeting January 27<sup>th</sup>.

**New Business:** Keith Browne mentioned that State Senator Randy Brogdon would like the opportunity to speak to our chapter regarding energy & economic issues facing our state. Duane Harman said that might be possible at our March meeting. Bill Hanlon announced the Half Pot fundraising effort has reached \$339.00.

The meeting was adjourned at 5:33 pm.

Mike Gulizio can be reached at  
918.455-1712 or mgulizio@cox.net

## Noteworthy Events

By: Rob Teis

The following is an excerpt from an e-mail from our Director and Regional Chair, Ken Fulk:

At our recent Region VIII Dinner held in Orlando, Florida, we had an outpouring of support for Bobby Vermillion. His chapter, Central Oklahoma, previously set up an Endowment Fund at the ASHRAE Foundation which is used to make (annual earnings) an annual contribution to Research Promotion in his name. Several people present pledged to make further contributions to this endowment to build it up to be more substantial than what it is today. We had pledges of over \$5,000 based on just a few people making a pledge at the dinner (Bill Harrison, Mike Beda, Damon Gowan, Bill Goodman and Sam Cummings to name a few). We are asking for each chapter to disseminate this information to their members and to seek out additional contributions by those who would like to help honor Bobby in this way (possibly announce at a meeting, put in your newsletter and post on your web site). Please send all contributions to Bill Harrison with checks made out to the ASHRAE Foundation with the memo section noted as "Bobby Vermillion R.P. Fund". I would like to have all contributions back to Bill no later than March 15th if at all possible. Bill's address is:

Bill Harrison  
1501 Westpark Drive Suite 9  
Little Rock, AR72204

Thanks for all of your assistance on this last item. I think this would be a great way to honor a great person. Please remember that this would be a special contribution above and beyond your normal R.P. contribution. Your generosity is much appreciated!

Daniel Fisher, Ph.D., P.E., a professor of the School of Mechanical and Aerospace Engineering, Oklahoma State University, Stillwater, Okla. was elevated to the grade of Fellow.

The John F. James International Award is given to an ASHRAE member who has done the most to enhance the Society's international presence. This year's recipient is P Leo P. Stambaugh, Life Member, who resides in Dallas, Texas. Mr. Stambaugh is heavily involved in Region VIII activities.

Rob Teis can be reached at  
918.382-6134 or robt@aaon.com

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Questions / Comments / Help

Admin

Members | Manufacturers | Consulting Engineers | Contractors | Utility Company | Academic Satellite Chapters | Cross Reference

Company:  Search

| Company  | Phone Number   | Fax Number     |                            |
|--|----------------|----------------|----------------------------|
| Allied Engineering Group, LLC                      | (918) 384-0593 | (918) 384-3186 | <a href="#">Details...</a> |
| Alpha Design & Engineering                         | (918) 425-1569 | (918) 582-9553 | <a href="#">Details...</a> |
| Atkins BenhamTulsa                                 |                |                | <a href="#">Details...</a> |
| Browne Consulting Engineers, Inc                   | (918) 258-7460 | (918) 258-7460 | <a href="#">Details...</a> |
| BSW International                                  | (918) 582-8771 | (918) 587-3594 | <a href="#">Details...</a> |
| Consulting Engineers Inc. Mechanical and Electrica | (918) 592-3643 | (918) 592-5361 | <a href="#">Details...</a> |
| Cynergy Engineering PLLC                           | (918) 877-6000 | (918) 877-4000 | <a href="#">Details...</a> |
| Engineeri  |                |                |                            |
| Flynt & Ka   |                |                |                            |
| Gayle D. (   |                |                |                            |

*Visit the On-Line directory*  
<http://www.ashrae-neok.org/>

# 2009/2010 Programs

| Date                        | Technical Session  | Speaker                                     | Main Program                                | Speaker                                     | Theme and Special Guests                                   |
|-----------------------------|--|---|---|---|--|
| 10-Sept-09                  | 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                |
| 8-Oct-09                    | Ground Source Design for Commercial / Industrial Systems | Garen Ewbank, Ewbank Geo Testing            | Geothermal Systems and Tax Incentives       | Dan Ellis, President Climatemas-ter         | Membership Night; Refrigeration Night                      |
| 12-Nov-09                   | Hybrid Boiler Systems                                    | Hamilton Engineering                        | ASHRAE Research Status                      | OSU Faculty                                 | Research and Consulting Engineers Night                    |
| 10-Dec-09                   | NONE - Lunch Meeting                                     | NONE - Lunch Meeting                        | Green Vs. Green                             | Panel of 5 TBA                              | Panel Discussion   |
| 14-Jan-10<br>*Lunch Meeting | NONE - Lunch Meeting                                     | NONE - Lunch Meeting                        | Upcoming Code Changes for HVAC Equipment    | Mark Fly, AAON Inc. Director of Engineering | Membership Promotion Night & YEA Night                     |
| 11-Feb-10                   | NONE—Spouses Night                                       | NONE—Spouses Night                          | Working Marriage                            | Joe McGee                                   | Research Auction; Spouses Night                            |
| 11-Mar-10                   | ECM Pump Design  | TBA   | LEED & Hydronic Systems                     | TBA   | Student Activities, Past Presidents, & Golden Circle Night |
| 8-April-10                  | OSU HVAC&R Research                                      | OSU Graduate Students                       | Variable Refrigerant Systems                | Corey Bartlett, Dairkin                     | Plant Tour   |
| 13-May-10                   | Energy Audit & Campus Applications                       | TBA   | ASHRAE 62.1                                 | Dennis Stanke, Trane Commercial Systems     | 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 <http://www.ashrae-neok.org/>

### Chapter Volunteers

#### Officers:

|                 |                | Voice    | Fax      |
|-----------------|----------------|----------|----------|
| President       | Chuck Mayfield | 624-1005 | 624-1006 |
| President-Elect | Rob Teis       | 382-6134 | 382-6295 |
| Treasurer       | Mike Kirk      | 258-5618 | 258-2425 |
| Secretary       | Mike Gulizio   | 455-1712 | 451-1596 |

#### Board of Governors

|                 |  |          |          |
|-----------------|--|----------|----------|
| Robert Allwein  |  | 770-5380 |          |
| Steve Johnson   |  | 270-1414 | 270-1444 |
| Mike Beda       |  | 664-0312 | 665-3351 |
| Joel Karstetter |  | 665-3974 | 665-4219 |
| Keith Browne    |  | 258-7460 | 258-7460 |

#### Committee Chairs

|               |                |          |          |
|---------------|----------------|----------|----------|
| CRC Delegate  | Dan Owens      | 270-1414 | 270-1444 |
| CRC Alternate | Chuck Mayfield | 624-1005 | 624-1006 |

#### Committee Chairs (cont.)

|                    |                 |          |          |
|--------------------|-----------------|----------|----------|
| Attendance         | Scott Pollard   | 250-5590 | 459-0997 |
| Directory          | Bill Hanlon     | 835-8333 | 835-9992 |
| Historian          | Gene L. Redford | 270-1414 | 254-1444 |
| Honors & Awards    | Gene L. Redford | 270-1414 | 254-1444 |
| Invocations        | Paul Roberts    | 382-6268 | 382-6295 |
| Membership         | Scott Sherwood  | 317-3152 | 250-5419 |
| Newsletter         | Rob Teis        | 382-6134 | 382-6295 |
| Programs (Main)    | Duane Harman    | 877-6000 | 877-4000 |
| Programs (Tech)    | Jeff Ferguson   | 877-6000 | 877-4000 |
| Publicity          | Mike Guillen    | 258-2665 | 258-4328 |
| Reception          | Brady King      | 493-2712 | 493-2713 |
| Refrigeration      | Eric Norris     | 382-6303 | 382-6369 |
| Research Promotion | Chad Smith      | 665-6600 | 627-7004 |
| Special Events     | Dave Lam        | 250-5590 | 459-0997 |
| Student Activities | Sam Davis       | 249-1918 | 249-9014 |
| Sustainability     | Mike Phelps     | 877-6000 | 877-4000 |
| Webmaster          | Scott Pollard   | 250-5590 | 459-0997 |

### Calendar of Events

#### Important Dates

|                        |                                     |
|------------------------|-------------------------------------|
| August 20, 2009.....   | Board of Governors                  |
| September 10, 2009 .   | Chapter Golf Tourney                |
| September 17, 2009 .   | Board of Governors                  |
| October 8, 2009 .....  | Chapter                             |
| October 15, 2009 ..... | Board of Governors                  |
| November 12, 2009 .    | Chapter                             |
| November 19, 2009 .    | Board of Governors                  |
| December 10, 2009..    | Chapter <b><u>Lunch Meeting</u></b> |
| December 10,2009...    | Board of Governors                  |
| January 14, 2010.....  | Chapter <b><u>Lunch Meeting</u></b> |
| January 21, 2010.....  | Board of Governors                  |
| January 23-27, 2010.   | ASHRAE Winter Meeting               |
| February 11, 2010....  | Chapter                             |
| February 18, 2010....  | Board of Governors                  |
| March 11, 2010.....    | Chapter                             |
| March 18, 2010.....    | Board of Governors                  |
| April 8, 2010.....     | Chapter                             |
| April 15, 2010 .....   | Board of Governors                  |
| April 22-24, 2010..... | CRC                                 |
| May 13, 2010.....      | Chapter                             |
| May 20, 2010.....      | Board of Governors                  |
| June 26-30, 2010.....  | Annual Meeting                      |

#### 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        |
| Marriott Southern Hills |
| Marriott Southern Hills |
| Islamorada Fish Company |
| Joe's Crab Shack        |
| Orlando, FL             |
| Islamorada Fish Company |
| Joe's Crab Shack        |
| Islamorada Fish Company |
| Joe's Crab Shack        |
| Monterrey, Mexico       |
| Islamorada Fish Company |
| Joe's Crab Shack        |
| Albuquerque, NM         |

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**FEBRUARY 11, 2010**

**What?  
7th ANNUAL NEOK ASHRAE AUCTION**

**Why?  
To Raise money for ASHRAE Research**



It is time to start gathering items for the auction. Items needed are tickets to sporting events, golf outings, sporting goods, hotel getaways, jewelry, Spa giveaways, baked goods (we know who will be supplying the pies and cookies), and any other items that may bring a positive bid.

Please send me e-mails as you collect items: [chad@airetechcorp.com](mailto:chad@airetechcorp.com)

1. Identifying the item
2. How much the item is worth.
3. If possible, send me a digital picture and we will try to publish them in next month's newsletter.

Everyone who contributed items last year, thank you, you did an outstanding job. To everyone who is going contribute in this year, thank you in advance!

Last year was our fifth year to hold an action and I think everyone who was there would agree a fun time was had by all. Don't miss out on this year's auction, or you will miss out