

SEPTEMBER MEETING

Central Arkansas

Date: Wednesday, September 2

Location: Camp Aldersgate

Cost: \$20

Schedule:

10:30a.m. Board Meeting

11:30a.m. Lunch / Technical Session

12:00-1:00p.m. Program

Northwest Arkansas

Date: Thursday, September 3

Location: Hoolihan's Restaurant,

Rogers, AR

Cost: Free (lunch extra)

Schedule:

11:30a.m. Lunch

INSIDE THIS ISSUE

Chapter Meeting Calendar:	Page 2
President's Message Cont.	Page 3
Fall Golf Tournament	Page 4
Arkansas ASHRAE History	Page 5
Gun Raffle	Page 6
Speaker Spotlight	Page 7



THE PRESIDENT'S MESSAGE

By Forrest Moseley

Arkansas ASHRAE members, it is an honor and a privilege to serve you as your incoming Chapter President for the 2015-2016 year. 17 years ago while attending my first ASHRAE meeting as a student; I never would have thought that I would eventually become the President of this great organization. While preparing for Past President's Night / Arkansas ASHRAE Hall of Fame this past May to honor and induct Mr. Hank Wade Sr. and Mr. John Pate, I had the opportunity to dig deeper into the rich history of this Chapter and further understand why we are considered one of the elite chapters in Society year after year. With the commitment from me and our enthusiastic group of committee members, we accept the challenge to continue making our members proud by carrying on this tradition for another year. Due to the strong determination by last year's leadership, I would be remiss to not mention many of the incredible achievements made by our Chapter. Last year the Arkansas Chapter had a lofty RP goal of \$56,000. Because of the diligence from last year's RP Chair **Mark Mizell** and the abundant generosity from our Chapter Members and other donors, we were able to achieve this goal by raising **\$57,040.26**. We can't thank our donors enough for their support. Mark has achieved "High Five" for the Chapter by raising the highest amount in the last five years. Achievements made at CRC

in Ft. Worth include: Best Presidential Message: **Terry Jacks**; Outstanding CTTC Chapter Chair: **Forrest Moseley**; Round'em Up Award and Red Ribbon Award (2nd in MP in Region): **Ron McCarty**; Best Student Activities Chair: **Zach Buckmiller**; Technical Awards: **Pettit & Pettit Consulting Engineers** "M Street Dormitory" and **Cromwell Engineers** "Pittsburgh Area Commissary", "Headquarters Building Heifer International", and "Arkansas Childrens Hospital". While you had a brief summer break from ASHRAE, your Board of Governors and Committee Chairs have been working hard this summer to prepare for this upcoming year. Here are a few items we have been working on: Our incoming CTTC Chair, **Mark Ely** and his committee already have a strong list of programs that will bring value to your membership. Each program was reviewed, well thought out, and voted on by a diverse group of committee chairs to insure that the highest quality and most beneficial programs are available to you. A couple programs to highlight include: A program by our current Society President Mr. David Underwood as well as a technical tour of Pulaski Technical College Culinary Arts and Hospitality Management Institute (PTC-CAHM) building. This month we will be hearing from Stan Kutin from Bell & Gossett's Little Red School House on "Advancements in Pumping and Motor Efficiency". See the list of current planned programs that your CTTC commit-

(Continued on page 3)

MONTH	MEETING TOPIC	SPEAKER	SECTION	DATE	LOCATION	THEME
SEPT	Advancements in Pump and Motor Efficiency	Stan Kutin, Bell & Gossett Little Red Schoolhouse	Central	09.02.15	Camp Aldersgate	Chapter Awards
			NWA	09.03.15	Hoolihan's Rogers, AR	
OCT	Property Assessment for Clean Energy	Frank Mayfield, Harrison Energy Partners	Central	10.07.15	Camp Aldersgate	The "R" in ASHRAE
			NWA	10.08.15	Hoolihan's Rogers, AR	
NOV	TBA	TBA	Central	11.04.15	Camp Aldersgate	Gov't Affairs
			NWA	11.05.15		
DEC	Design of Education Facilities Impact on Total Cost of Ownership	David Handwork Arkansas State University	Central	12.02.15	Camp Aldersgate	Membership Promotion
			NWA	12.03.15		
JAN	TBA	David Underwood, Society President	Central	01.06.16	Camp Aldersgate	History
			NWA	01.07.16		
FEB	Ammonia Refrigeration Systems	Jerry Bradford and/or Amos Turnipseed Baker Refrigeration	Central	02.03.16	Pulaski Tech Culinary School	The "R" in ASHRAE
			NWA	02.04.16		
MAR	TBA	TBA	Central	03.02.16	Camp Aldersgate	Student Activities
			NWA	03.03.16		
APR	ASHRAE Standard 189.1	Dr. Thomas Lawrence, Distinguished Lecturer	Central	04.06.16	Camp Aldersgate	Sustainability
			NWA	04.07.16		
MAY	Past President's Night	N/A	Central	TBA	TBA	Past Presidents Recognition
			NWA	N/A	N/A	

THE PRESIDENT'S MESSAGE

(Continued from page 1)

tee has developed attached in this newsletter.

While **Mark Mizell** was able to exceed our RP goal from last year, this was no easy feat. In past years it has been somewhat customary to pull donations from just our members and the same company donors year after year. Our RP Chairman, **Terry Jacks** has already been creative in developing other forms of fundraising that do not pull from these same donors.

I don't know what it is about rain and our golf tournaments, but we are hoping that we won't need canoes this fall in order to get to the tee boxes. **Tony Demarco** has already setup and scheduled the Fall ASHRAE Golf Tournament. This will be held on Monday, September 28 at Maumelle Country Club. Look for more information in this newsletter.

Prior to the end of **Terry Jacks** term last year, he was able to organize and push through the implementation of this well needed program called Star Chapter. Our incoming Webmaster, **Drew Grant** has been working diligently since this past April to move our existing website and communication services over to Star Chapter. In years past, we had been relying heavily on our previous webmaster, **Alex Swindler** (whom we still can't thank enough) to keep our website up to date while living in a completely other state. He was the only one that had the knowledge and expertise to perform this task. Star Chapter makes the updating of our website completely user friendly to the non-website pro-

grammer. Not only can we maintain our own website now, but we will also be able to discontinue the use of free internet invite services and "home built" Outlook contact lists in order to stay connected to you, our members. Because our Chapter has grown so much over the years, it was becoming very cumbersome to utilize our previous services in order to reach our members efficiently and effectively. The free services were unreliable, our contact list seemed to be out dated, and we did not have integrated services to be able to receive payment for various activities through our website. With Star Chapter we have all of this and more. On a monthly basis we are now able to upload the most current Arkansas ASHRAE contact list from Society into our website. The way to stay connected with us is to insure that your contact information for your ASHRAE membership is current with Society. This program is new to us and I feel sure that there will be a learning curve. Please be tolerant until we work out all of the bugs. While ASHRAE is about advancing the arts and science of the HVACR field to serve humanity and promote a sustainable world, it is also about volunteering. Wikipedia Defines **Volunteering** as "Volunteering is generally considered an altruistic [selfless] activity where an individual or group provides services for no financial gain. Volunteering is also renowned for skill development, and is often intended to promote goodness or to improve human quality of life. Vol-

unteering may have positive benefits for the volunteer as well as for the person or community served." Between Central Arkansas and our Northwest Arkansas Section, we currently have 34 members sitting on a committee or as an officer. Each year our leadership is in search of more volunteers to spread the work load of our Committee Chairs in order to achieve ASHRAE's mission. The benefits that your Chapter provides you comes from the hard work and dedication of a small army of volunteers that starts at the local level. Being able to give back and volunteer yourself also has additional positive benefits waiting for you. If you have been wondering how you can get involved in our Chapter and give back, please feel free to contact me at forrest@airetechcorp.com and I will help get you plugged in. Currently we are in search of multiple committee co-chairs as well as our new position of "Social Media Chair". I hope to see you at our first meeting of the year and look forward to serving you! ◊





2015 Fall Golf Tournament

Monday, October 26, 2015

Maumelle Country Club
Maumelle, Arkansas

(More information to follow)



ARKANSAS ASHRAE HISTORY

RUSSELL BLACK - HISTORIAN

This autumn we will be publishing in our newsletter a series of Leadership Recall Interviews to ourselves recall our chapter history through the eyes of our esteemed leaders.

Leadership Recall Interview:
John Pate
(December 1, 1997, Interviewer:
Tim Staley – Arkansas Chapter
Historian)

John Pate was Arkansas ASHRAE President 1971-72, and a Golden Gavel Chapter President - 1972. John was recently inducted into the Arkansas ASHRAE Hall of Fame, Class of 2015.

Question #1: Please discuss some of the priority issues for ASHRAE during the years you served as an officer.

John: The main issue, at the time, was energy conservation. We wanted to come up with a program that provided competition for energy efficient projects. So, we came up with an award or certificate program which awarded a consulting engineer for their hard work and pioneering efforts. The genesis of the

award was in the Arkansas Chapter, which was first stated by Arnold Pecan in a board meeting, at the Arkansas level, and grew into a national competition.

Question #2: The PAOE program started in 1970. Region VIII and the Arkansas Chapter have always performed well. However, the early 1970's seemed to have included exceptional PAOE performance for both. If this the case? If so, what were some of the contributing factors?

John: The Oklahoma Chapter and Bill Collins first came up with the Golden Gavel award, which brought competition to the Region VIII Chapters. The best chapter was awarded the Golden Gavel. This made it a popular thing to go to ASHRAE meetings and to be involved in the research promotion and the things that ASHRAE was doing. This, in turn, made Region VIII the leader among the other regions. Region VIII was the exception to all other regions, in that, consulting engineers were heavily involved. Their involvement, was a key to our chapter's success.

Question #3: What was the single greatest challenge that faced you during the years you served as an officer for the Arkansas Chapter?

John: Trying to build up membership in Arkansas ASHRAE. I wanted to make ASHRAE an organization for more than just consulting engineers. It should also involve contractors, owners, and vendors.

Question #4: Outstanding chapter leadership requires motivation, organization, and dedication. What additional advice would you give a current or future ASHRAE Chapter President?

John: To have good quality programs at the right time and place in a comfortable atmosphere. Make the meetings around noon, so that people can come at lunch and eat a good meal while you give a well-organized program staying in an appropriate time frame. Give the meeting in a nice place that is quiet and away from other meetings. Finally, if you take the position, give it a good valiant effort and do it right.

LOOKING FOR A JOB OR HAVE A POSITION TO FILL?

CHECK OUT THE LINK ON OUR WEBSITE:

[HTTP://WWW.ARKANSASASHRAE.ORG/RESUMES_HELP_WANTED/](http://www.arkansasashrae.org/resumes_help_wanted/)

PLEASE SUBMIT YOUR RESUMES OR HELP WANTED REQUESTS TO THE ARKANSAS ASHRAE WEBMASTER (DGRANT@HOBBSASSOCIATES.COM) TO HAVE THEM POSTED TO THE WEBSITE.

ASHRAE ARKANSAS FALL GUN RAFFLE! 10 GUNS – 10 WINNERS!

DRAWING TO BE HELD AT THE OCTOBER ASHRAE MEETING

BENELLI NOVA PUMP
3-1/2" PUMP CAMO SYNTHETIC



RUGER AMERICAN 30.06 BLACK
SYNTHETIC RIFLE



WEATHERBY VANGUARD .270
BLACK SYNTHETIC RIFLE



SAVAGE AXIS .243 PINK
SYNTHETIC CAMO RIFLE WITH
SCOPE



MARLIN 336W 30-30 RIFLE
HARDWOOD STOCK



RUGER 10-22 BIRCHWOOD OR
SYNTHETIC STOCK



REMINGTON 870 EXPRESS 12
GAUGE YOUTH BLACK SYNTHETIC
STOCK



REMINGTON 870 EXPRESS 12
GAUGE BLACK SYNTHETIC STOCK



CVA OPTIMA .50 CALIBER
MUZZLELOADER BLACK
SYNTHETIC STOCK



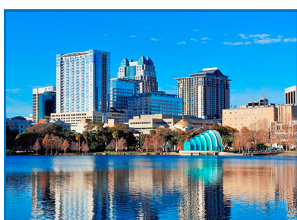
CVA WOLF .50 CALIBER
MUZZLELOADER WITH SCOPE
BLACK SYNTHETIC STOCK



**\$20 TICKETS – ONLY 500
TICKETS AVAILABLE!**

*RULES APPLY. FOR MORE INFORMATION, CONTACT
TERRY JACKS AT TJACKS@PETTITINC.COM

FUTURE ASHRAE CONFERENCES:



2016 Winter Conference

January 23-27
Orlando, FL



The Enginaire is published monthly by the Arkansas Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission from the chapter.

2015-2016 CHAPTER OFFICERS

President	Forrest Moseley	501.280.0404	forrest@airetechcorp.com
Pres Elect	Mark Eley	501.940.7747	marke@2boonesales.com
Treasurer	Max Good	501.448.0100	mgood@cromwell.com
Secretary	Ron McCarty	501.374.5420	rmccarty@powersar.com

BOARD OF GOVERNORS

Rick Sellers	rsellers@pettitinc.com
Bill Simpson	bsimpson@harrisonenergy.com
Steve McConnell	smcconnell@lemvrw.com
Mark Mizell (CRC Delegate)	mmizell@gmail.com
Terry Jacks (CRC Alternate)	tjacks@pettitinc.com

COMMITTEE CHAIRS

Membership	Phil Watson	pwatson@tmecorp.com
Student Activities	Josh Faulkner	jfaulkner@hobbsassociates.com
Programs	Mark Eley	marke@2boonesales.com
Historian	Russell Black	russell@airfiltersystems.com
Refrigeration	Tom Hanlon	thanlon@cromwell.com
Research Promotion	Terry Jacks	tjacks@pettitinc.com
Newsletter	Jake Skinner	razorback.report@gmail.com
YEA	Josh Robinson	jrobinson@harrisonenergy.com
Social	Tony DeMarco	tony@airetechcorp.com
Reception	Dan Allison	dallison@lemvrw.com
Webmaster	Drew Grant	dgrant@hobbsassociates.com
Sustainability	Melanie Richardson	mrichardson@brownengineers.net
GGAC	Chance Hollingsworth	chance@airetechcorp.com
Honors & Awards	Drew Grant	dgrant@hobbsassociates.com

SPEAKER SPOTLIGHT

Mark Eley

Stan Kutin is currently an instructor at Bell & Gossett's Little Red Schoolhouse. He is responsible for supporting and developing content for a wide variety of training initiatives, including instructor-led seminars conducted at the Little Red Schoolhouse and in the field; web-based on-demand training; technical manuals; and training videos. He has been with Bell & Gossett for over 18 years, the majority of this time supporting, developing and introducing new commercial pumps and flow limiting valves.

The discussion this month will focus on efficiency improvements with pumps, motors and system designs. Over the years, the Department of Energy (DOE) has challenged the motor industry to increase their efficiencies and that industry has met their challenge. Today, the DOE is also focusing on the pumping industry which will result in more efficient pump products and controls in the future. Combine these new products with best practice designs and ASHRAE's 90.1 Standard can result in reduced system energy use and help the US reduce its carbon footprint.