



The Razorback Report

www.arkansasashrae.org

Volume XXII, Issue 2, October 2010

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

OCTOBER MEETING

Central Arkansas

Date: Wednesday, October 6

Location: Camp Aldersgate

Cost: \$20 / Each Person

Schedule:

10:30am Board Meeting

11:30am Tech Session

11:45am Lunch

12:00-1:00pm ASHRAE Building Energy Quotient Program

Northwest Arkansas

Date: Thursday, October 7

Location: AQ Chicken, Springdale

Cost: ~\$12 / Each Person

Schedule:

11:30am Lunch

12:00-1:00pm ASHRAE Building Energy Quotient Program

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THE PRESIDENT'S MESSAGE

By Steve Keen



President Elects of ASHRAE along with other Distinguished Lecturers. This month will be no different when we host the current President Elect of ASHRAE, Ron Jarnagin. Ron will be presenting the tech session on ASHRAE's Living Laboratory and the main program on ASHRAE's Building Energy Labeling Program.

Ron is a staff scientist at Pacific Northwest National Lab and has been involved in energy-related research and development activities for over 35 years. His background is diverse, including work in the areas of fluid flow, power plants, automotive and transportation systems, HVAC systems, energy use in buildings, smart grid activities and energy standards development. Ron has served on numerous utility, government and business advisory boards, lending his expertise to solving their respective energy problems. He served on the faculty in the Department of Mechanical Engineering at the University of Florida for 10 years and has been with Pacific Northwest National Lab for the past 20 years.

As President-Elect of ASHRAE, Ron has served our society extensively. Ron has chaired the Standard 90.1 committee, ISO TC 205 (Building Environment Design), the multi-disciplinary team responsible for producing the Advanced Energy Design Guide for Small Offices and three other AEDGs. Ron has served on the Board of Directors as Director-at-Large and served

as an ASHRAE Vice President as well. He also served as the Chairman of ASHRAE's Technology Council.

In addition to Society board level speakers local chapters can take advantage of the ASHRAE Distinguished Lecturer program. The ASHRAE Distinguished Lecturer program provides ASHRAE chapters, student branches, and other organizations with lecturers equipped to speak on relevant subjects of interest to ASHRAE members and guests. These speakers have expertise in all most all technical interests that are part of the current trend in HVAC and Refrigeration designs. The Distinguished Lecturer program is supervised by the Chapter Technology Transfer Committee. Requests are made early in the chapter year by the local CTTC chair and speakers are allocated based on available and scheduling with the local chapter.

Don't forget to have fun next month at the Central Arkansas ASHRAE fall golf tournament. The outing will be held November 5, 2010 at the Hurricane Golf Club in Bryant. Tony DeMarco does a great job planning and organizing these golf tournaments each year. If your company has any giveaways, please get in contact with Tony. He has a huge lottery at the end of the tournament to give away these prizes. Lunch will be served at 11:00 and with a shotgun start at 12:30. Get your teams together now and turn your entry forms in ASAP. Don't forget: our golf tournaments are a major part of our ASHRAE Research Promotion fundraising, so be generous with your hole sponsorships.

I have a sad note to add to this message. A long time friend of mine and of ASHRAE, Jack Carter, passed away Friday September 24, 2010. Jack wore

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MONTH	MEETING TOPIC	SPEAKER	SECTION	DATE	LOCATION	MEETING DESIGNATION
SEPT	Engineering Ethics	Mike Bilderbeck of Pickering	Central	09/01/10	Camp Aldersgate	Ethics
			NWA	09/01/10	AQ Chicken	
OCT	ASHRAE Building Energy Quotient (BEQ) Program	Ron Jarnagin of Pacific Northwest National Labs (Distinguished Lecturer)	Central	10/06/10	Camp Aldersgate	Joint Meeting with BOMA & AIA
			NWA	10/07/10	AQ Chicken	
NOV	Vancouver Olympic Village Sewage Heat Recovery System	Don Hay	Central	11/03/10	Camp Aldersgate	Refrigeration
			NWA	11/04/10	AQ Chicken	
DEC	Energy Plus	Nick Long of NREL	Central	12/01/10	7th & Palm Streets	Sustainability, Joint Meeting with SAME
			NWA	12/02/10	AQ Chicken	
JAN	Exergy (tentative)	TBA	Central	01/12/11	Camp Aldersgate	TBA
			NWA	01/13/11	AQ Chicken	
FEB	ASHRAE 62.1 Update	Dennis Stanke of Trane (Distinguished Lecturer)	Central	02/09/11	Camp Aldersgate	Indoor Air Quality
			NWA	02/10/11	AQ Chicken	
MAR	Thermal Energy Storage	Mark MacCracken (Distinguished Lecturer)	Central	03/02/11	Camp Aldersgate	Sustainability, Joint Meeting with USGBC
			NWA	03/03/11	AQ Chicken	
APR	Applying the IAQ Procedure of ASHRAE 62.1 at K-12 Facilities (tentative)	Christopher Muller of Purafil (Distinguished Lecturer)	Central	04/06/11	Camp Aldersgate	Indoor Air Quality
			NWA	04/07/11	AQ Chicken	
MAY	Past President's Night	N/A	Central	TBA	TBA	Past Presidents Recognition
			NWA	N/A	N/A	

ARKANSAS CHAPTER MEETING MINUTES

Board Meeting of September 1, 2010

Kim Koch—Interim Secretary

Board Meeting:

President Steve Keen called the September board meeting to order at 10:40 a.m. Kim Koch was assigned to act as recording secretary while Marlon Joiner is on active duty.

President Steve Keen reminded all board members and committee chairs to enter their PAOE points monthly.

Chris Ahne will bring a proposed by-law change to the next board meeting to execute the change discussed last year concerning the assignment of the chapter delegate and alternate. This change will facilitate payment of travel to the CRC for officers. After approval by the board the bylaw change will be presented to the chapter for approval.

President Steve Keen asked that all MBO's be turned in this week and reminded all present to take advantage of the pre-paid lunch program.

President Elect Bill Simpson reported that the meeting schedules are complete with the exception of waiting on confirmation from a speaker with NREL. The February meeting date conflicts with the Winter Society meeting. Bill is looking into how to best resolve the conflict. Next month's meeting presenter is Ron Jarnigan who will present on the ASHRAE Building Energy Quotient program.

President Elect Bill Simpson reported that the SERBCA and NEBB continuing education events are upcoming and asked for the chapter to be reminded of these opportunities.

President Elect Bill Simpson reported that he is investigating submitting the Wal-Mart project for a technical award.

President Steve Keen discussed how the survey for members to receive their PDH certificates was previously handled. Steve is to give more detailed instruction on this matter to Bill Simpson and Webmaster Alex Swindler.

Treasurer Mike Fullerton submitted the budget for approval. Discussion ensued about changes to the budget as required by the committee chairs. Mark Mizell motioned that the budget be approved as amended, Second by Bill Simpson, motion approved by acclama-

tion.

A reminder was given to all that the meeting cost has increased to \$20/meeting to provide the necessary funds for CRC travel.

A meeting has been scheduled to turn over the books from last year to the current year treasurer for Thursday, September 2nd.

Chris Ahne turned in receipts and income from the NW Section tournament.

There was discussion of changing the NW section meetings to a billing scenario similar to the Central Section meetings. More discussion with the NW Section leaders on this subject will be held.

An invoice for utilizing Camp Aldersgate was presented for payment.

Mike Fullerton and Alex Swindler are discussing the use of PayPal for meetings and other activities.

Chris Ahne reported the fall golf tournament will be at Hurricane Creek. The fall golf tournament will not include the celebrity golfer challenges. Chris Ahne and Tony DeMarco are discussing other opportunities to increase fund raising at tournaments.

Forrest Moseley reported he had contacted UALR and ATU. Discussion was held about the need for a student activities liaison in the NW Arkansas area. E-week will be in February this year.

YEA chair Caleb Haynes reported that the first activity of the year will be a paintball gathering on October 17th in Mayflower. A reminder was made of the YEA leadership weekend and discussion ensued about providing a scholarship for one member to attend. It was decided this would be on a first come first serve basis and designated to offset the cost of attending the conference.

Caleb is also looking at planning a skeet shoot YEA activity in November.

Lee Greeson reported the deadline for the September newsletter would be September 24th.

Chris Ahne reported he will be attending RP training in Las Vegas. Chris is looking at expanding RP activities including offering silent auction items at

Past President's Night and added events at the golf tournaments.

The meeting was adjourned at 11:20.

Chapter Meeting:

President Steve Keen welcomed everyone to the first meeting of the year.

Jay Holstead announced the upcoming SERBCA seminar to the chapter

President Steve Keen began by introducing the officers and committee chairs for the year and thanking them for their service.

Caleb Haynes announced the upcoming YEA leadership weekend in Atlanta and the upcoming paintball event on October 17th.

Steve Keen reminded members to update their contact information with Terry Jacks to ensure that they receive news about chapter events.

Kim Koch recognized Chris Ahne for achieving the STAR award for his service as CTTC Chair and for his service as Arkansas ASHRAE President.

Chris Ahne recognized the chapter and past chairs for multiple awards presented at the past year CRC. These included but were not limited to:

Chaparral Award, Student Activities for Region VIII, Newsletter for Region VIII, Refrigeration for Region VIII, Sustainability for Region VIII, and many other RP and PAOE awards. The past volunteers were congratulated and applauded for their achievements.

Chris Ahne presented a general report from the CRC including updates on motions and other awards presented.

Bill Simpson introduced the program speaker Mike Bilderbeck for a presentation on Engineering Ethics.

The presentation covered a wide range of ethics topics and discussion items. General information and reports of past findings were delivered in an interesting and educational forum.

Steve Keen thanked Mike for presenting to the chapter, encouraged members to attend the meeting next month and adjourned the meeting.

JACK T. CARTER*September 10, 1934—September 24, 2010*

Jack Thomas Carter, 76, of Little Rock, Arkansas, entered into eternity with the Lord Friday, September 24, 2010. He was born September 10, 1934 in Memphis, Tennessee. Jack graduated from the University of Tennessee with an Electrical Engineering degree. He moved to Little Rock, Arkansas in 1959 as a sales engineer for Honeywell Corporation. He joined Immanuel Baptist Church soon thereafter where he met and married the love of his life, Mary Winston, of Newport, Arkansas. Jack began working for Turner McCoy Mechanical Contractors until 1970, when he established Jack T. Carter Company, a distributor for HVAC equipment. He faithfully led and worked in this family business up until a few days before his death. He was pleased to see all four of his sons work with him in the company.

Jack was a member of Immanuel Baptist Church for over 50 years, serving as a Deacon for almost 35 years, a Sunday school teacher, RA's leader, and on numerous committees during that time. He served our country in the Armed Services for seven years, concluding with the rank of Captain in the Air National Guard. A registered Professional Engineer in the State of Arkansas, he was a lifetime member of the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and served as Area Director for the American Society of Mechanical Engineers (ASME) early in his career.

A devoted husband, father and grandfather, he left a legacy of faithfulness, integrity and devotion to His Lord and his family.

He was preceded in death by his son, Todd A. Carter; his parents, Jack R. and Sarah Carter; and a sister, Betty Smith. He is survived by his wife of 50 years, Mary Winston Carter; sons and daughters-in-law, Scott and Tessa Carter of Rogers, Mark and Laura Carter of Little Rock, John and Christa Carter of Knoxville, Tennessee, Brenda Carter of Little Rock; and 13 grandchildren, Madison and Chloe Carter of Rogers, Jacob, Matthew and Tyler Carter of Little Rock, Michael, Katherine, Leslie and Ashley Carter of Little Rock, Craig, Kyle, Mary Claire and Sarah Anne Carter of Knoxville, Tennessee.

In lieu of flowers, memorials may be made to the Immanuel Baptist Church Building Fund, 501 N. Shackleford Road, Little Rock, Arkansas 72211.

President's Message*(Continued from page 1)*

many hats in his long career of 50 years serving the local construction and engineering community. Jack started out with Honeywell Corporation as a sales engineer. He moved to Turner McCoy Mechanical contractors before starting Jack T. Carter Company. I will remember Jack as one of my greatest mentors and a man of unquestioned integrity. Jack's boys: Scott, Mark and John carry on his lifestyle of leadership, integrity and devotion to faith. We will all pray for Jack's wife Mary, the sons and their families including his late son Todd's family and hold them up as they grieve the passing of a loving husband, father and grandfather. ☙

MEMBERSHIP REPORT*Joel Funkhouser—Membership Chair*

I'd like to welcome our newest members, **Sherry Arnold** of Rogers, **William Woolverton** of Sherwood, **Marlon Joiner** of Little Rock, **John Sides Jr.** of Van Buren, and **Kelvin Kleman** of Fort Smith. Also welcome to our newest student members: **Andrew Keeling** of North Little Rock, **A.C. Brown** of Russellville, **Adryan Piker** of Russellville, **Nathan Ashley** of Russellville, **Justin Pianalto** of Russellville, **Brandon Gatewood** of Russellville, **Christopher Linz** of Russellville, **Steven Lambert** of Conway, **Joshua Willis** of DeQueen, **Ben Schluterman** of Greenwood, **James Fletcher** of Ida, **Drew Craig** of Rogers, **Ben Franks** of Russellville, **Bradley Williams** of Clarksville, **Chris Kane** of Dardenelle, **Kyle Lane** of Gretna, and **Hiroshi Tsutsumi** of Russellville. I applaud you for your interest in the HVAC&R field and look forward to seeing you at our April meeting!

We have a strong chapter, and additional members will help to make us even stronger. ASHRAE offers invaluable resources to design engineers, contractors, and owners alike, and everyone that attends meetings is encouraged to seek membership to aid in strengthening our chapter. As always, if you have any questions pertaining to membership, please contact me and I'll be happy to assist you.



FUTURE ASHRAE MEETINGS:

2011 ASHRAE Winter Conference
January 29—February 2, 2011
Las Vegas, NV

2011 ASHRAE Annual Conference
June 25—29, 2011
Montreal, Quebec

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2010-2011 CHAPTER OFFICERS

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COMMITTEE CHAIRS

Membership	Joel Funkhouser	jcfunkhouser@garverusa.com
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THE RAZORBACK REPORT

ARKANSAS CHAPTER OF ASHRAE
 P.O. Box 180
 LITTLE ROCK, AR 72203

YOUNG ENGINEERS IN ASHRAE

PAINTBALL

WHEN: 10.17.2010

TIME : 1:00 PM

WHERE : PAINTBALL ARKANSAS
MAYFLOWER, ARKANSAS

\$15/person (plus the cost of additional paintballs)

Visit www.paintballarkansasas.com for more information.

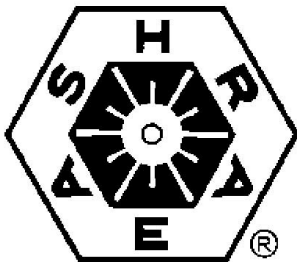
R.S.V. P. to Caleb Haynes by Wednesday, October 13th.
chaynes@tmecorp.com or (870)636-3357



ASHRAE

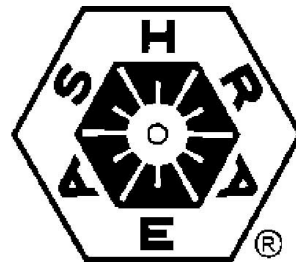
*Advancing HVAC&R to serve humanity
and promote a sustainable world*





2010 Arkansas ASHRAE Fall Golf Tournament

Friday Nov. 5th "Shotgun Start" 12:30 pm
>Hurricane Country Club<
Bryant, Arkansas



Entry Fee: \$340 per team (4 players per team) Entry fee includes
Mulligans 2/player, cart, refreshments, lunch @ 11:15.

Format: **4-Man Scramble** (First 24 teams)
Ties will be broken by score and hole handicaps.
This format shall promote fair and competitive play.

Prizes: 1st, 2nd place teams. (2 flights)
Long Drive (in fairway) and Closest To Pin.
Special contests to be announced.



Fill out form and e-mail tony@airetechcorp.com or fax to Tony DeMarco. Airetech
Corporation 7631 Northshore Pl. North Little Rock, AR 72118

Phone: 280-0404 Fax: 280-9200



Player 1: _____

Player 2: _____

Player 3: _____

Player 4: _____

Total enclosed:\$ _____

**Please make checks payable to "Arkansas ASHRAE" and send to
Arkansas ASHRAE P.O. Box 180 Little Rock, AR 72203**



\$ Don't forget to sponsor a Hole \$

___ I will sponsor a hole -\$100. Sign at a hole & recognized in ASHRAE newsletter
___ Corporate Sponsorship- \$200+. Banners are allowed for corporate sponsorship
& will be recognized in the ASHRAE newsletter as a Corporate Sponsor (There will
be an area near the scoreboard to recognize corporate sponsors (owner provided))

___ I will donate \$_____ for prizes and awards

___ I will donate Merchandise (golf balls, towels, etc.)

Workers, Hole & Corporate sponsors & Prize Contributors will be recognized in the Arkansas
ASHRAE Newsletter. All proceeds go to **Arkansas ASHRAE**.

Name: _____ . Company: _____

Signed: _____ . Date: _____

Phone: _____ . Fax _____ Email _____