



The Razorback Report

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

www.arkansasashrae.org

Volume XV, Issue VI, December 2003

The President's Message

By Rick Sellers, P.E.

Greetings fellow ASHRAE members. Thanks to everyone for attending our November meeting at the Whole Hog Café. Attendance this year has been very good so let's keep it up.

The program speaker for our December meeting will be Mr. Gil Avery. His program is entitled "Operating Chillers in the Maximum Capacity Range". Our Tech Session speaker will be Mr. Ed Tinsley. Ed presentation is entitled "New Ventilation Technologies". Both of these programs promise to be of great interest but if that's not enough, Mr. Randy Moore will also be presenting ASHRAE Research awards for last year. Besides all that, the meeting will be the Wednesday after Thanksgiving (12/3/03) and I know you'll all be tired of turkey and dressing and ready for some more of the great barbeque from the Whole Hog Café, so mark your calendars now and make plans to attend.

Our Fall Golf Tournament held on Friday, October 24th was a huge success. Thanks go out to all of the players, sponsors and volunteers who made the tournament such a great success. Special thanks go out to Mr. Eddie Finley who spearheaded the effort and was able to set a new Chapter golf tournament record with over \$6,000 in profit. Way to go Eddie!

Our Educational Outreach Seminar held on November 5th at Pulaski Tech was also a great success. Over 40 people attended the program entitled "Psychrometrics & Understanding Ventilation for IAQ". Special thanks go out to Mr. Tom Hanlon for heading up the program from ASHRAE's side and Mr. Terry Granderson for heading up the State HVACR Board's efforts. A special thanks also goes out to Mr. Tom Hunt and Pulaski Tech for hosting the event. That's it for now, as always, you can find out what's going on in the Chapter by visiting our website – www.arkansasashrae.org. See you December 3rd.

December Meetings

Central Arkansas

Date: Wednesday, December 3rd
Location: Whole Hog Cafe
Meeting Room
Cost: \$15.00 / person
Schedule:
10:30 am Board Meeting
11:30 am Tech Session "New Ventilation Technologies" - Ed Tinsley, PE
11:50 pm Lunch Buffet
12:10 pm Program "Operating Chillers in the Maximum Capacity Range" by Gil Avery, PE
- 1:00 pm

Meeting Sponsor: Powers of Arkansas

Northwest Arkansas

Date: Thursday, December 4th
Location: A.Q. Chicken Restaurant
Springdale
Schedule:
5:30 pm Social
6:00 pm ASHRAE Business / Dinner
6:30 pm - Program - "Air Side Economizers" by Gil Avery, PE
7:15 pm

Student Activities

By Chris Ahne

We had a fun activity at Arkansas Tech University this month. The ASHRAE student chapter hosted a presentation that talked about engineering, as related to our industry, to freshman students taking an Introduction to Engineering course. Our discussion covered factors affecting the load in a building, mechanical system design considerations, and types of air conditioning equipment. We followed the process of removing heat from a space and rejecting it to the atmosphere using a chilled water system and cooling tower. We then took a tour of the physical plant serving the McEver Science Building, where we saw the equipment talked about in our discussion. I would like to thank Wayne Helmer and the ATU student chapter president, Lucas Howard, for arranging this presentation. I would also like to thank Herman Luebker for arranging the tour of the plant. The University of Arkansas has recently appointed Daryl Simmons as the student chapter president for this academic year. Daryl will become an honorary member of our chapter student activities committee and help to plan events at the for the UA chapter.

As previously mentioned, the student activities committee is starting a new program of interest to both student members and senior section members. The committee will be accepting resumes from students that are interested in jobs in our industry. In turn, we will make the resumes available to anyone that is interested in hiring new engineers. We have had considerable interest from the students in the program. If anyone would like access to the resumes, please contact me at cahne@trane.com.

November Board of Governors, Officers, And Committee Chairmen Meeting Minutes

By Chance Hollingsworth, Chapter Secretary

Call to Order: President Rick Sellers called the meeting to order at 10:43 a.m. The meeting was held on November 5, 2003 at The Whole Hog Cafe. Those present were: Rick Sellers, John Carter, John Hodoway, Chance Hollingsworth, Russell Black, Wade Wetzler, Chris Call, Randy Moore, James Dayer, Scott Smith, Chris Ahne, Tom Hanlon, Tracy Hayes.

President: President Rick Sellers opened the meeting and requested Secretary Hollingsworth to read Old Business. President Sellers reported that P.A.O.E. points were reported in time to earn bonus points awarded for early reporting. President Sellers called for committee chairs to appoint co-chairs and highlighted the role committee co-chairs play in preparing for the committee chair position. President Sellers then called for committee reports and they were presented as follows:

Vice President/Programs: Vice President John Carter detailed technical session and program for today's meeting.

Secretary: A motion to approve as corrected Meeting Minutes as published in the November Newsletter was voted on and passed.

Treasurer: Treasurer John Hodoway presented the monthly Treasurer's report. Treasurer Hodoway reported a posted profit of \$ 600.00 from the T.E.G.A. Continuing Education Seminar held on October 17. Treasurer Hodoway reported an estimated profit of \$ 6,200 from the fall Annual A.S.H.R.A.E. Golf Tournament.

Membership: Chairman James Dayer discussed procedures for notification and reporting of membership delinquencies.

Research Promotion: Chairman Randy Moore submitted a volunteer committee worksheet, which is to be submitted to A.S.H.R.A.E. society by November 16th. Chairman Moore discussed the Chapters goal of extended golden circle. Research promotion night will be held during the December 3rd. meeting in which donors will be recognized.

Historian: No-Report

Honors & Awards: Chairperson Tracy Hayes announced the December 1st deadline for nomination applications. Applications must include a letter of nomination from sponsor and a current detailed biography.

Student Activities: No-Report

TEGA: Chairman Tom Hanlon announced the speakers for the HVACR Training class held on November 5th will be Randy Moore and Chris Ahne. Subject will be "Psychrometrics and Understanding Ventilation for I.A.Q."

Newsletter: Chairman Wade Wetzler announced that November 18th would be the deadline for newsletter articles.

Social: Chairman Eddie Finley discussed the feasibility and level of interest in holding a Chapter bowling night to be held in December.

Reception: Chairman Scott Smith discussed the difficulty he is having finding participants to donate Auction items for the monthly meetings. Chairman Smith will request the monthly meeting program sponsor provide an auction item.

Webmaster: No-Report

Old Business: (CRC Treasurer Wade Wetzler) establish a savings/money market account for CRC contributions.

New Business/ Action Items:

- 1)(CRC Treasurer Wade Wetzler) Establish a savings/money market account for CRC contributions.
- 2) (Honors & Awards Chair) Tracy Hayes to distribute a list of

society awards and award requirements to chapter board members

Adjournment: After no further new business President Sellers adjourned the meeting at 11:11 a.m.

November Arkansas ASHRAE Chapter Meeting Minutes

By Chance Hollingsworth, Chapter Secretary

Call to Order: At 11:30 a.m. the Chapter meeting was called to order with 44 members and 7 guests in attendance. The meeting was held at The Whole Hog Cafe on November 5, 2003. The program began with the Tech Session.

Tech Session: Technical session highlighted " Dale Carnegie's 10 Golden Rules and Stack Memorization"

Program: President Sellers opened the general meeting at 11:45 p.m. Program Chairman John Carter introduced this month's program and presenter Dwayne Shelton. Program presented titled " Limiting Liability in the Construction Process" discussed issues in the design, construction, and service phases encountered during the life of a building.

Adjournment: With no further business the meeting was adjourned at 1:00 p.m.

November Northwest Arkansas ASHRAE Section Meeting Minutes

By David Sheets

The November meeting on the "Report of IAQ in Schools" presented by Mr. Randy Moore of Airetech, was attended by 43 members and guest of ASHRAE and AIA. The presentation was a re-cap of a previous forum held in Little Rock on this subject and was presented for those people who could not attend the previous meeting. At total of \$67 was raised this month for ASHRAE Research which brings the total up to \$115 for the year. Murl Meredith won the first drawing for the Munters cap, Greg Anderson won the second drawing for the Dehumidification Handbook donated by Munters and was also drawn for the Cash Prize of \$33. Greg donated his cash winnings back to ASHRAE to go towards the research fund. Thanks Greg!!!!

The December meeting presenter will be Mr. Gil Avery from Kele & Associates, and his presentation will be on "Air Side Economizer Systems". With Mr. Avery presenting, this should be an excellent meeting. The meeting will be held on Thursday, December 4, at AQ Chicken in Springdale. Social time will be begin at 5:30, dinner at 6:00, and presentation at 6:45. Electronic invitations will be sent out the week of November 24. If you do not receive an invitation by December 1, please send an E-Mail to nwarkashrae@yahoo.com

USGBC- Arkansas Organizing Group

Invites you to a their next meeting on Dec. 4, 2003

Trane Meeting Room

1501 Westpark Drive, Little Rock

12:30pm-2:00pm

Webcast, LEED - The Road to Success

5 top experts in sustainable design will provide the latest information and insight on how you and your firm can achieve success in LEED. Including topics such as: resources needed, strategic plan for firms, production of superior buildings cost-effectively, what GSA is demanding, and how developers can use sustainable design to gain market advantage.

Honors & Awards

By Tracy Hayes

ASHRAE Fellow Nominations Due December 1st

The grade of Fellow in the Society recognizes members attaining distinction in their vocation. It is an honor and a privilege to become a Fellow in ASHRAE.

Have all members in the Arkansas Chapter due that recognition been so honored?

Edgar K. Riddick, Jr., Bill Goodman, Sam Cummings, Ken Pettit and John Standfort are the only members from our chapter to have been awarded this honor. The criteria for Fellow is defined in the Society Bylaws as "A member who has attained distinction in the arts relating to the sciences of heating, refrigeration, air conditioning or ventilation, or the allied arts and sciences, or in teaching of major courses in said arts and sciences, or who by reason of invention, research, teaching, design, original work, or an engineering executive on projects of unusual or important scope, has made substantial contribution to said arts and sciences, and has been in good standing as a full grade Member for at least ten (10) years is eligible for election to the grade of Fellow by the Board of Directors." Any member, chapter, region or committee may suggest a member to be a candidate for Fellow. The deadline for Fellow nominations is December 1st. Therefore, if you wish to make a nomination, please let me know so the required documents and supporting data can be forwarded to the Society Honors and Awards Committee before the December 1st deadline.

Additional Society and Regional Awards are available. If you would like to learn more about the various Honors & Awards available, you can visit the Society website at www.ashrae.org/honors.html or contact me at tracy.hayes@mail.ashrae.org.

TEGA News

By Tom Hanlon

First up this month is our December tech session. Mr. Ed Tinsley PE, former Chapter TEGA chairman, will present "New Ventilation Technologies". Should be interesting and fast paced. Thanks in advance to Ed for the session.

Recapping our fall ASHRAE / HVACR Educational outreach seminar. Held on the Pulaski Tech campus we had forty six attendees. Was a very well done session on "Psychrometrics and Treatment of Ventilation Air". Our presenters were Chris Ahne (Trane Arkansas) and Randy Moore PE (Airetech). The demographics of our audience was from residential contractors to professional engineers from our member firms. Was really fun to watch the interaction among all these folks and think we should do more of this. Believe this was the intent of the sessions when Terry Granderson (HVACR Dept) initially brought the idea to us.

Still need technology awards candidates. Have one application in the Institutional (Existing) category being processed. Would like to have at least one application in each category, so we have a shot at some regional awards this year. So look around the office for those projects that were completed last year and let's get some submitted. Call and I'll get you the short form application.

Rick and I had a very brief meeting with the USGBC folks regarding ASHRAE as a possible co-sponsor of the spring trade show and educational seminar. Would be a great opportunity for us to team with a very aggressive group and raise our visibility. The show is planned for latter part of May. If we become a sponsor we'll really need a lot of our membership to get involved to pull it off. More later.

Happy Thanksgiving

This Month in Arkansas ASHRAE History

By James McKinnie

01 Dec 1972: The chapter held its annual Christmas party at the Cadillac Club in the Magnolia Inn in Little Rock.

11 Dec 1981: The chapter held its annual Christmas party at the Maumelle Country Club.

07 Dec 1993: The board met at St. Vincent's Infirmary at 4pm. All committees made reports on management by objectives. After dinner, Terry Granderson of the Arkansas Dept. of Health presented on the new state HVAC&R license and adoption of the new Arkansas Mechanical Code. ADH planned to have 10 inspectors, with fines of up to \$250 per offense, per day, for operating without a license. As of the meeting, 9,000 license had been issued, with over 7,000 grandfathered in. The license test, developed by National Assessment Institute, had a 72% failure rate. The meeting adjourned at 8:10pm.

Membership Promotion

By James Dayer

I would like to welcome several recent elections to the ASHRAE Society. The associate members include Dustin Noland, Mark Jones, Miguel Purdy, Jason Brannen, Patricia Howell, Michael Luke, Dirk Hosteltler, and Bradley Bradshaw. The student elections include Ashley Roach, and Bryan Miller.



Happy Holidays

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2003-2004 Chapter Officers

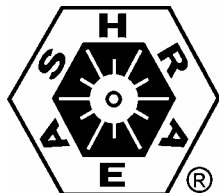
<u>President</u>	Rick Sellers	501-374-3731	fax: 374-1802
<u>Vice-Pres.</u>	John Carter	501-666-6776	fax: 663-8888
<u>Secretary</u>	Chance Hollingsworth	501-374-5420	fax: 370-9298
<u>Treasurer</u>	John Hodoway	501-372-2900	fax: 372-0482

Board of Governors

Chris Call	501-663-8886
Russell Black	501-327-2409
Steve Titus	501-375-1181
Tracy Hayes (CRC Delagate)	501-833-0239
Randy Moore (CRC Alternate)	501-280-0404

Committee Chairs

Membership	James Dayer	501-663-8886
Student Activities	Chris Ahne	501-661-0621
Programs	John Carter	501-666-6776
Historian	James McKinnie	501-987-7666
Refrigeration	Mike McClellan	501-661-0621
Research	Randy Moore	501-280-0404
Honors & Awards	Tracy Hayes	501-833-0239
TEGA	Tom Hanlon	501-661-0621
Newsletter	Wade Wetzler	501-803-3328
NW Section	David Sheets	479-636-5004
Social	Eddie Finley	501-374-5420
Reception	Scott Smith	501-666-5488
Webmaster	Ben Baugher	501-280-0404

**THE RAZORBACK REPORT**

Arkansas Chapter of ASHRAE

P.O. Box 180

Little Rock, AR 72203



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

Arkansas Chapter Meeting RSVP Form

Company Name: _____

Phone #: _____ Fax #: _____

Signed: _____

For reservations to the Central Arkansas Chapter meeting fax this form by **Friday, November 28th** to 501-663-8888 *Attn: John Carter*

For reservations to the Northwest Arkansas Chapter meeting send this form by **Monday, December 1st** to *nwarkashrae@yahoo.com Attn: David Sheets*

ROUTING

MEMBER NAME (PLEASE PRINT)	CENTRAL Dec 3 rd	NW ARK Dec 4 th	EATING (Y or N)

Please fax this form to the name and fax number above.
The meal is no cost to student members, however an RSVP is necessary.
All "no shows" will be responsible for the cost of their meal.
In order to provide you with the best service for your Chapter's money, it is necessary to RSVP for each meeting.

Thanks to our December Meeting Sponsor:



Powers of Arkansas

SEIMENS BUILDING TECHNOLOGIES - Landis Division

1111 West 6th Street - Little Rock, Arkansas 72201 - 501-374-5420 - FAX 501-370-9298

ASHRAE Fall Golf Sponsors

"Thank You for Your Support"

Corporate Sponsors

Contributed \$200

Siemens Semco McQuay Florida Heat Pump Tuttle & Bailey Enviro-Tec EH Price

Hole Sponsors

Contributed \$100

AR Blueprint	Dodge Plan Room	Southern Reprographics	CS USA	GMC
Jack T. Carter Co	Independent Air Cond.	ICE	GE Interlogix	TME
Smartvent	Pettit & Pettit Engr.	Cromwell Arch & Engr	Airetech Corp.	Riddick Engr
Harrell Mechanical	Jaco Sales	Pro Insulation	John Prince Co.	MPE Consult Eng's
TL Services	Bray Commercial	Northwest Controls	AMC	Harp Consulting Engrs
Valve Tech	Custom Metals	Voegele Mechanical	IHP	

Other Sponsorships

Powers of Arkansas - Food	TRANE - Beverages	Harp Consulting Engrs - Prizes
KELE & Assoc's - Prizes	Fluid Solutions - Prizes	Innovative Solutions Group - Prizes
Lakewood Golf School - Tommy Rutherford - Free Lesson		

2003 ASHRAE Fall Golf Tournament Results

1st Place Team

Greg Harvey
Tad Hankins
Mike Saddler
Mitch Beavers

2nd Place Team

James Dayer
George Rozelle
Steve Watts
Mark Jones

3rd Place Team

John Oliver
Shawn Wilson
Joe Miller
Keith Wortsmit

Closest to the Pin - Mitch Beavers
Long Drive - Mitch Beavers

Resource Promotion

by Randy Moore, P.E.

December is Resource Promotion Night for our Chapter, and we have the opportunity to acknowledge the commitment by our Membership to ASHRAE Research, ASHRAE Learning Institute, ASHRAE Foundation, as well as ASHRAE General Support. Traditionally, ASHRAE Resource Promotion contributions were distributed to Research Projects through Society. Resource Promotion contributors now have the opportunity to identify one of four categories for the contribution as described previously.

Our Chapter will continue to work towards our goal of \$30,000.00 for Resource Promotion and contribute to ASHRAE Research as we have in the past. Thanks to the Committee Members for the Resource Promotion activities thus far which have included Fundraising for last year, our Fall Golf Tournament Fundraiser, and the necessary committee activity to meet the requirements for the Presidential Award of Excellence (PAOE). The Chapter Officers, Board of Governors, and Committee Chairs have committed to the Extended Full Circle for Resource Promotion and each member will contribute \$100.00 by the end of the year to achieve this goal. The Arkansas Chapter Leadership continues to lead by example with respect to ASHRAE Resource Promotion and should be complimented for this commitment.

Our Donor Recognition Awards will be presented to those members in attendance at our December Meeting, and our chapter is pleased to recognize these contributors listed below.

- Arkansas Chapter Gold Ribbon (\$10,000 or more)
- Arkansas Chapter Leadership (**Personal Honor Roll Contribution by Officers - \$100**)
- Major Donors Honor Roll Investment (\$1000 to \$2499)
 - Pettit & Pettit Consulting Engineers, Inc.
 - Samuel D. Cummings, Jr.
 - Cromwell Architects Engineers, Inc.
 - MPE Consulting Engineers, Inc.
 - Wade Company
 - Airetech Corporation
 - Fluid Solutions
 - Sunbelt Mechanical
 - Trane Little Rock Sales
- Honor Roll Investors (\$500 to \$999)
 - Batson Firm
- Honor Roll Investors (\$250 to \$499)
 - Michael J. McClellan
 - Jack T. Carter Company
 - Environmental Enterprises
 - Little Rock Mechanical
- Honor Roll Investors ((\$100 to \$249))

▪ Comfort Systems USA ▪ Harley W. Goodman, Jr. ▪ Rick L. Sellers ▪ John W. Hodoway, III ▪ Thomas J. Hanlon ▪ Baker Refrigeration Systems, Inc. ▪ John T. Carter ▪ Bruce Brock ▪ Mark R. Wolthuis ▪ Vernon P. Wade ▪ Oscar B. Demaine ▪ William A. Harrison	▪ Nicholas R. Moore, III ▪ Robert Dale Boatright ▪ Tracy E. Hayes ▪ Sam E. Weatherford ▪ Tad E. Hankins ▪ Clyde Jester ▪ Stephen C. Titus ▪ ICE, Inc. ▪ Charlotte A. Brunner ▪ Charles A. Brunner ▪ John Prince Company ▪ Chris Ahne	▪ Hamid Habibi ▪ Paul E. Briscoe ▪ Jay C. Hollingsworth ▪ Chris A. Shaw ▪ Gibbs Service Company, Inc. ▪ Guy A. Caple ▪ Wade A. Wetzler ▪ Charles D. Batson ▪ Henry G. Wade ▪ John R. Oliver ▪ Keith Wortsmith ▪ Phillip Pate
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- Other Contributors
 - Glen Irvin
 - Hal W. Butler
 - Greg D. Blair
 - Morris D. Smith