



# The Razorback Report

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

www.arkansasashrae.org

Volume XVI, Issue I, September 2004

## The President's Message

By John Carter, P.E., 2004-2005 Arkansas ASHRAE Chapter President

Hello AR-ASHRAE. I hope you have had a great summer and you were able to spend some quality time with your family and friends. You know, our community gets a little smaller and a little tighter during certain times. This summer was one of those times. Unfortunately, some of you lost a good friend and Charlotte lost a spouse in Charlie Brunner this past summer. Charlie will sure be missed by many. Charlotte, our deepest sympathies and prayers go out to you and Charlie's friends.

Well, we begin a new ASHRAE year. Before we do, I want to congratulate Rick Sellers again for providing leadership to our chapter that resulted in the Golden Gavel being returned to our great chapter. It's been too long and Rick had a great team of whom many are returning to serve you. Please thank Rick and the other leaders who are giving of their time for you.

We are going to have a great year! Chance Hollingsworth is putting together some great programs and continuing education courses. Look for future education on Hydronics and Steam Systems; Optimizing Cooling Plants; Space Station HVAC; and many others. On top of that, he plans to continue the great food feasts at the award winning Whole Hog Café. Eddie Finley plans to build on his already goal-breaking Golf tournaments! Please contact him and help him arrange some fun events such as paint ball, games or other family type events. Murl Meredith has taken the reins of leading the Northwest Section and has already created some excitement in the Ozarks. James Dayer will lead our membership promotion drive as we try to reach out to some new industry folks that have slipped through the cracks over the past several years. Randy Moore will make sure we are recognized for those that deserve honor and Rick Sellers will expand our "society-leading" research promotion dollars! Thanks to Ben Baugher and Tracy Hayes for making our chapter very visible to you and our industry through our website and newsletter. Also, look for some exciting things to happen with our students as Kim Koch has taken responsibility for expanding our Student Activities. Lastly, thank Steve Titus for stepping into Leadership as the new Treasurer for our chapter.

My hope and goal this year for our chapter is two-fold: To grow our membership 10% with a renewed emphasis on the Northwest Section; and to become the primary training arm for your technical needs. I believe we will grow our membership through great programs and continuing education; more Central section involvement in the Northwest section; attractive social events; new student chapters and student leaders; and greater reach with our newsletters and the website. I think we can become your primary training arm by scheduling solid programs and continuing education courses; maintaining strong technical sessions for enhancing your career toolbox; and with your feedback and help reach all aspects of our industry. Come to The Whole Hog Café in Little Rock on September 1<sup>st</sup> for the first version of that training as you can learn about the design and application requirements for the ever-growing industry of Data Centers. Also, don't miss the tour of the Soderquist Center for Leadership and Ethics at Greystone Lodge on Beaver Lake in Rogers, AR on September 16<sup>th</sup>. It is a remarkable facility!

## September Meetings

### Central Arkansas

**Date:** WEDNESDAY, SEPT. 1ST  
**Location:** WHOLE HOG CAFÉ CANTRELL  
**Cost:** \$15.00 / person  
**Schedule:** 10:30 am Board Meeting  
11:30 am Technical Session  
12:00 pm Buffet Lunch  
12:15 pm- 1:00 pm Mr. Jeff Trower  
"Thermal Guidelines for  
Data Processing Environments"

### Northwest Arkansas

**Date:** THURSDAY, SEPT. 16th  
**Location:** Greystone Lodge Beaver Lake  
**Cost:** Approx. \$10- \$12 / person  
**Schedule:** 5:30 pm Social  
6:00 pm ASHRAE Business / Catered Dinner  
6:30 pm - 8:00 pm Facility Tour  
"Control System upgrade and problems  
uncovered at Greystone Lodge"

## NORTHWEST SECTION

The Northwest Section will meet on Thursday, September 16th at Greystone Lodge on Beaver Lake. This will be a facility tour with attendees meeting at the Lodge at 5:30 p.m. A map with directions can be provided by contacting Murl Meredith at 479.443.0571 ext. 28. The meal will be catered by the Greystone staff with a tour of the facility immediately following.

Greystone Lodge is a Corporate retreat used by the SODERQUIST FOUNDATION to teach "Leadership & Ethics in Business". The lodge was built as a home in the 1960's and is cooled by two (2) 25 ton chillers. It has seven (7) single zone air handling units and one (1) hybrid multi-zone/VAV air handling unit. An outdated pneumatic control system was converted to DDC in January of last year. All of the work had to be completed in a three (3) week time frame. The tour will cover the obstacles and problems uncovered during the change out and how they were handled. Reservations need to be made by September 13th to guarantee adequate space, food, etc.

Please fax your reservation to Murl Meredith at  
479.443.0580 using the RSVP form enclosed.

## ***Board Meeting Minutes of July 23, 2004***

### Officers and Board Members Present

John Carter - President  
 Chance Hollingsworth - President-Elect, Transfer  
 Technology Chair  
 John Hodoway - Secretary  
 Steve Titus - Treasurer  
 Tracy Hayes - BOG Member, Newsletter Editor  
 Randy Moore - CRC Delegate, Honors/Awards Chair  
 Rick Sellers - CRC Alternate, Resource Promotion Chair

### Committee Chairs Present

James McKinnie - Historian  
 Chris Ahne—Refrigeration Chair  
 Kim Koch—Student Activities Chair  
 James Dayer - Membership Promotion Chair  
 Eddie Finley - Social Chair  
 Shawn Wilson - Reception Chair

### Members Present

Wade Wetzler

The meeting was called to order at 11:03 by President John Carter who used a PowerPoint presentation as the guide for the meeting. Discussion was held on The 2004-2005 Presidential Theme – “ASHRAE: “The Strongest Link in the Cold Chain”; why people join, support and serve in ASHRAE; and defining success.

The program schedule was presented and meeting topics will be established by the next Board Meeting, scheduled for Friday, August 27, 2004. Newsletter articles for the September newsletter are due to Editor Hayes by Wednesday, August 18, 2004.

A discussion was held on PAOE reporting procedures and requirements including critical dates.

President Carter discussed his plans to assist committees, welcome new members, ensure PAOE reporting, and ensure that this year is fun for all Arkansas ASHRAE members.

An extensive discussion was held regarding technology transfer. Subjects discussed were Technology Awards, joint meetings with other organizations, “Engineering Connectors”, Tech Sessions, Distinguished Lecturers, a possible visit by Society President Vallort, Membership Promotion nights, committee structure, continuing education seminars, and communication of technical information to agencies and organizations.

Outgoing treasurer, Secretary John Hodoway, will take Treasurer Steve Titus to the bank during the week of July 26 to add Treasurer Titus to the signature cards for the chapter accounts. The books will be turned over by the end of July and Secretary Hodoway will assist Treasurer Titus with preparation of the preliminary budget. Treasurer Titus will electronically transmit the preliminary budget to the Board on August 6, 2004. Comments received by August 13 will be incorporated and the Proposed Budget will be voted on at the August 27 Board Meeting.

Discussion was held on Northwest Section attendance goals, Membership Promotion plans, Student Activities plans, Newsletter, Website, possible social activities, Historian activities, Refrigeration as a major focus this year, Honors and Awards, and Resource Promotion goals.

The following deadlines were set:

- 1.) Officer, Board, and Chapter Chair MBOs are due by August 27.
- 2.) Programs and Final Calendar are due on August 27.
- 3.) Committees are to be organized and one committee meeting held by August 27.
- 4.) Appropriate RVCs are to be notified of activity before August 31.
- 5.) Extended Full Circle Honor Roll Contributions must reach Society by December 31.

Meeting adjourned at 13:04.

*Submitted by John Hodoway, Secretary  
 2004-2005 Arkansas ASHRAE Chapter #042*

## ***This Month in Arkansas ASHRAE History – September***

By James McKinnie, *Historian*

27 Sep 1974 – The chapter kicked off the year with an outing to Burns Park. The food, fellowship and music were “terrific.”

16 Sep 1977 – The chapter again kicked off the year with a Burns Park gathering. The contractors and engineers again had a softball game, and while the score was not recorded the engineers won the game, evening the series at one.

5 Sep 1989 – President Ed Tinsley called the meeting at St. Vincent’s Infirmary Medical Center to order at 6:15 pm. The evening’s technical session, by Mr. Tinsley was entitled “The Pneumatic Achilles Heel” and detailed oil, moisture and sediment problems in pneumatic control systems. After the meal, Mike Coffle of Champion Pneumatic Machinery Company presented material on quality air treatment for pneumatic systems. The meeting adjourned at 8:10 pm.

## Membership

By James Dayer, *Committee Chair*

It's that time of year again! Time to ramp up another year of ASHRAE. The Arkansas chapter had a great year last year, culminating with a Golden Gavel award under the leadership of Rick Sellers. The bar has been set high, and I look forward to giving the Gavel another run this year with our current President, Mr. John Carter. An important step in this endeavor, lies with Membership Promotion. Membership is being heavily emphasized by the ASHRAE organization this year. In response to that, I would like to try and increase membership in our chapter by 10%. The only way this can be accomplished is with the help of the entire chapter. I challenge everyone to try and recruit one person this year to come to a chapter meeting. This is an important step in getting new members, because we want people to be an **active** part of our chapter. The only requirement to become an associate member of ASHRAE is that they have experience in technical matters, design, operation, or maintenance, in heating, refrigeration, air-conditioning, and ventilating fields, or shall have an interest in the advancement of Society's aims. If you need help explaining the benefits of being an ASHRAE member, I will be glad to assist you. Thank you in advance for your help, and I look forward to seeing you at our first meeting on September 3rd.

## Student Activities

By Kim Koch, *Committee Chair*

Football season is coming and the students are headed back to campus. In an effort to enroll new student chapter members we are scheduling times to meet with classes at the University of Arkansas in Fayetteville, Arkansas Tech University in Russellville and Pulaski Tech in NLR. We will be collecting resumes from student members again this year. If you are interested in reviewing resumes of student members for internships or full time employment, please contact me at [kkoch@tmeccorp.com](mailto:kkoch@tmeccorp.com). We are also planning to branch out and visit other colleges in Arkansas including ASU-Beebe, and John Brown University in Siloam Springs. Our goal is to expand ASHRAE Student Membership and locate at least one area campus interested in establishing a new student chapter and begin the process before the end of the semester.

The ASHRAE Student Design Competition this year is keeping in line with this year's Society President's theme of "Refrigeration". Students are challenged to design an industrial refrigeration system for a perishable product distribution center in Portland, Oregon. The purpose of the competition is to (1) Recognize outstanding student design projects, (2) Encourage undergraduate students into the HVAC&R profession, (3) Encourage students by applying their knowledge of practical design, and (4) Promote teamwork. Student design teams may compete in one of the three subsystem categories: HVAC System Selection, Refrigeration System Design and Architectural Design. We are hopeful that we are able to submit entries from several Arkansas campuses this year. Please let me know if you would like to participate in any of our scheduled Student Activities or if you have any recommendations for the committee.

## TEGA News - Technology Transfer

By Tom Hanlon, *Board of Governor*

The TEGA news this month is change. As most know TEGA has been combined with programs for the coming year and has been renamed *Technology Transfer*. This means a little different direction for our technical programs and a lot more emphasis on outreach and technical education. Chapter President-Elect Chance Hollingsworth will be heading up the effort and has many sub-committees in place to take on the chores. There's lot's of opportunities to participate so give Chance a call.

Bob Reynolds, Joe Miller, Jan Meyer and I will be doing Technical seminars this year. Chance has asked us to plan four seminars, each offering PDH credits and co-sponsored by other organizations. That's our mission. Our first will be the annual NEBB-ASHRAE Seminar on Friday, October 15<sup>th</sup>. The seminar will be held at Pulaski Technical College IT Building and will offer seven hours of PDH credit. Additional information will be available at our September meeting and will be e-mailed to all members. Plan to attend.

Wrapping up last year with a big thanks and pat on the back to our membership. We were again selected the best TEGA program in Region VIII and finished a close second for the Society Dan Mills Award. The Mills Award is for the outstanding TEGA program in Society. Way to go Arkansas Chapter! Let's keep up the momentum and support our programs again this year with same level of enthusiasm.

# CONGRATULATIONS

to the  
**2003-2004**  
**Arkansas ASHRAE Chapter**  
 and  
**President Rick Sellers**  
 for winning the prestigious  
**Region VIII Golden Gavel**



*Members of the Arkansas Chapter at the Region VIII CRC held this past April in Tyler, Texas*

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## 2004-2005 Chapter Officers

<u>President</u>	John Carter	501.666.5462	<a href="mailto:john@carterco.com">john@carterco.com</a>
<u>Pres-Elect</u>	Chance Hollingsworth	501.374.5420	<a href="mailto:chollingsworth@powersofarkansas.com">chollingsworth@powersofarkansas.com</a>
<u>Secretary</u>	John Hodoway III	501.372.2900	<a href="mailto:jwhodoway@cromwell.com">jwhodoway@cromwell.com</a>
<u>Treasurer</u>	Steve Titus	501.375.1181	<a href="mailto:scititus@aristotle.net">scititus@aristotle.net</a>

## Board of Governors

Tracy Hayes	501.834.3320	<a href="mailto:tracy.hayes@comfortsystemsusa.com">tracy.hayes@comfortsystemsusa.com</a>
Tom Hanlon	501.661.0621	<a href="mailto:tjhanlon@trane.com">tjhanlon@trane.com</a>
Randy Ragsdale	501.223.9302	<a href="mailto:ragsdale@lesarch.com">ragsdale@lesarch.com</a>
Randy Moore (Delegate)	501.280.0404	<a href="mailto:rmoore@airetechcorp.com">rmoore@airetechcorp.com</a>
Rick Sellers (Alternate)	501.374.3731	<a href="mailto:rsellers@pettitinc.com">rsellers@pettitinc.com</a>

## Committee Chairs

Membership	James Dayer	501.663.8886
Student Activities	Kim Koch	501.666.6776
Technology Transfer	Chance Hollingsworth	501.374.5420
Historian	James McKinnie	501.987.7666
Refrigeration	Chris Ahne	501.661.0621
Resource Promotion	Rick Sellers	501.374.3731
Honors & Awards	Randy Moore	501.280.0404
Newsletter	Tracy Hayes	501.834.3320
NW Section	Murl Meredith	479.443.0571
Social	Eddie Finley	501.374.5420
Reception	Shawn Wilson	501.280.0404
Webmaster	Ben Baugher	501.280.0404



## THE RAZORBACK REPORT

Arkansas Chapter of ASHRAE  
 P.O. Box 180  
 Little Rock, AR 72203



Fall Golf Tournament—October 29th  
 Registration Form Enclosed



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 **Monday, August 30<sup>th</sup>** to 501.370.9298 Attn: **Chance Hollingsworth**

For reservations to the Northwest Arkansas Chapter meeting fax this form by **Monday, September 13<sup>th</sup>** to 479.443.0580 Attn: **Murl Meredith**

ROUTING

MEMBER NAME (PLEASE PRINT)	CENTRAL Sept 1 <sup>st</sup>	NW ARK Sept 16 <sup>th</sup>	EATING (Y or N)

NOTES: Please fax this form to the name and fax number as referenced 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.

### ***"Thermal Guidelines for Data Processing Environments"***

Program will give an overview of the industry challenges related to increasing heat loads resulting from technological improvements in Data Processing Equipment and will draw upon ASHRAE Technical Committee 9.9 findings and on going work.

Program speaker, Mr. Jeff Trower is a current member of Technical Committee 9.9 which published "Thermal Guidelines for Data Processing Environments" and is currently revising Chapter 17 of the ASHRAE Handbook.



**owers of Arkansas**



# 2004 ASHRAE Research Fall Golf Tournament

FRIDAY – Oct 29th – 1:00 P.M.  
*Country Club of Arkansas*  
*Maumelle, Arkansas*



**Entry Fee:** \$300.00 per team  
Includes cart, refreshments,  
and lunch. (Before Play)  
Each player gets 2 mulligans

**Prizes Awarded for:** 1<sup>st</sup> Place Team  
2<sup>nd</sup> Place Team  
3<sup>rd</sup> Place Team  
Longest Drive  
Closest to Pin  
Special contests  
and prizes

**Lunch:** Hamburgers, hotdogs, etc...  
Provided by Powers of Arkansas

**Format:** 4-Man Team Scramble  
Limited to the first 22 teams (first 22 paid play)  
Ties will be broken by using score & hole handicaps

**Fill out this form and return to: Eddie Finley**

(Fax: 501.370.9298 or E-mail: [efinley@powersofarkansas.com](mailto:efinley@powersofarkansas.com))

Player names and money must be received by October 26th. Any team received after this date may not get to play. Each team is responsible for replacement players due to cancellations.

**Phone:** 501.374.5420    **Fax:** 501.370.9298

**Player 1:** \_\_\_\_\_

**Player 2:** \_\_\_\_\_

**Player 3:** \_\_\_\_\_

**Player 4:** \_\_\_\_\_

**Total enclosed:\$** \_\_\_\_\_

Checks should be made out to **Arkansas ASHRAE** and mailed with this form.

**\*\*100% of proceeds raised goes to ASHRAE Research\*\***

- \_\_\_ I will sponsor a hole - \$100. (Hole sponsors will be recognized by a sign at a hole)
- \_\_\_ Corporate Sponsorship -\$200 (There will be a special area near the scoreboard to recognize corporate sponsors. Please send banners to the below address.)
- \_\_\_ I will donate \$\_\_\_\_\_ for prizes & awards.
- \_\_\_ I will donate the following merchandise: \_\_\_\_\_  
(We need vendors to donate logo golf balls, towels, etc...)

*Workers, hole sponsors and prize contributors will be recognized at the tournament and in the Razorback Report.*

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Please return this form & checks for contribution to:  
Eddie Finley, 1111 West 6<sup>th</sup> Street, Little Rock, Arkansas 72201

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Signed \_\_\_\_\_ Date \_\_\_\_\_



ASHRAE Region VIII  
Dinner – February 7, 2005  
Monday Night  
6:00 PM to 8:30 PM



Please RSVP to  
Art Giesler  
Assistant Regional Chair  
[palatusa@aol.com](mailto:palatusa@aol.com)  
(817) 589-9372  
Fax (817) 284-1531

Reservations are required

Planet Hollywood is within  
Walking distance of the  
ASHRAE Headquarters  
Hotel and is in Downtown  
Disney allowing for an  
Enjoyable stroll after  
Dinner.

## Producing Dazzling Events Is Our Bright Spot!

Choice of Caesar Salad or House Salad

### Entrée Choice of:

#### Roasted Half Chicken

Lemon pepper and rosemary glazed roasted half  
chicken served with mashed potatoes  
And sautéed green beans

#### New York Strip

USDA Choice center-cut 12 oz. Strip steak chargrilled  
medium served with a baked potato  
And seasonal vegetables

#### L.A. Lasagna

Fresh pasta tubes filled with ricotta cheese and  
bolognese meat sauce fried to a golden brown  
And covered with garlic cream and tomato basil sauce

#### Grilled Salmon

Grilled 8 oz. Salmon filet glazed with maple butter  
served with mashed potatoes  
And sautéed green beans

### Dessert:

Chef's Selection of Dessert

### Beverages:

Unlimited Soft Drinks, Coffee and Iced  
Tea

Price: \$40.00 per person