



The Razorback Report

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

www.arkansasashrae.org

Volume XVII, Issue I, September 2005

The President's Message

By Chance Hollingsworth

Congratulations! For the second straight year your Arkansas Chapter of ASHRAE has been honored by receiving the Golden Gavel. The Golden Gavel is synonymous with the best chapter in ASHRAE. Thanks to John Carter for his tremendous leadership and passion for our chapter.

Our continued success as a chapter is due to the hard work of our members, who give their time and energy to the chapter activities and committees. It is also due to our industries employers, by supporting their employees' memberships in ASHRAE and encouraging their employees' active involvement in our chapter.

This year there will be many opportunities for each of you to get involved in our chapters activities. Members are needed to fill vital roles in many of our chapters committees, we need members to help support student activities, and we need members to support our chapter meetings with their attendance.

Our programs and continuing education committees have been busy tracking our memberships changing needs. This year we will have programs on such topics as Construction Cost Estimating, I.B.C. Seismic Requirements, and Air Side System Design. Our chapter will provide continuing education opportunities on Steam System Design and a short course covering the Advance Energy Design Guide.

The Arkansas Chapter of ASHRAE serves our Arkansas members. It will be evident by our chapter's leadership; Drew Harrison from the northwest section will be our student activities chairman and Miguel Purdy from the northwest section will be our refrigeration chairman. It will be evident by what you see and read in the newsletter and website. And it will be evident by the programs and technical sessions presented at our monthly chapter meetings and our continuing education opportunities.

This year our chapter will reach out to our industry and sister organizations in our industry. As ASHRAE is so shall our chapter be the leader in the arts and sciences of heating, ventilation, air conditioning and refrigeration; the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines. We will accomplish this by: supplying speakers and programs to our sister organizations, hosting and co hosting educational opportunities in our industry and being active in government affairs on local and state level.

This is an exciting time to be an ASHRAE member, and the world is looking to us for guidance on indoor air quality, environmentally responsible/energy efficient design, and innovations in refrigeration of food and medicine to help end world hunger and the spread of disease.

September Meetings

Central Arkansas

Date: Thursday, Sept 15th
Location: Doubletree Hotel
Cost: \$21.00 / person
Parking: \$1.50/ hour
Schedule:
10:30 am Board Meeting
11:30 am Tech Session
12:00 pm Lunch
12:15 pm Program - "Construction Cost
- 1:00 pm Estimating for Designers" - presented
by Doug Hinson, Sam Weatherford, and Art Kornblatt

Northwest Arkansas

Date: Thursday, Sept 8th
Location: A.Q. Chicken, Springdale, AR
Cost: \$10.97 / person
Schedule:
5:30 pm Social
6:00 pm ASHRAE Business / Dinner
6:45 pm Program - "Construction Cost
- 8:00 pm Estimating for Designers" presented by
Doug Hinson, Sam Weatherford, and Art Kornblatt

2005 ASHRAE Research Fall Golf Tournament

Friday – October 7th

1:00 P.M. - Shotgun
Start

Stonelinks
Golf Course

see insert for more details.



Board Meeting of May 25, 2005

Officers and Board Members Present

John Carter, President
 Chance Hollingsworth, VP, Programs Chair, Technology Chair
 Steve Titus, Treasurer
 Randy Ragsdale, BOG
 Randy Moore, CRC Delegate, Honors & Awards Chair
 Rick Sellers, CRC Alternate, Resource Promotion Chair

Committee Chairs Present

Kim Koch, Student Activities Chair
 Chris Ahne, Refrigeration Chair
 Shawn Wilson, Reception Chair

Members Present

James Panasiuk, Incoming Social Chair
 Bill Simpson, Incoming Webmaster
 Stephanie Woolf, Incoming Student Activities Co-chair
 Don Cummings, Incoming Audit Committee

Meeting Minutes

President John Carter called the meeting to order at 4:13 P.M.

Kim Koch was appointed to act as secretary.

Old Business

President John Carter and Steve Titus reported that the 2004 Tax Return has been filed. The accountant recommended filing taxes for previous years. The ramifications and requirements associated with filing previous years were discussed in detail.

President John Carter moved that the board authorize the treasurer to pursue filing taxes for additional years as necessary and approve the associated accountants fees. Second by Rick Sellers, Motion passed.

Program Chair Chance Hollingsworth reported on the status of the Technology Award submissions to society.

Treasurer Steve Titus reported that Quicken has been purchased and is set up to help track the financial business of the chapter.

Reception Chair Shawn Wilson reported that the Continuing Education Database should be set up by September. It was decided that reports should be available to members bi-annually to coincide with committee chair rotations.

New Business

President John Carter reported that an Auditing Committee would be formed. Members of this committee are to be: Don Huggins, Randy Moore, and Keith Wortsmit.

President John Carter expressed his thanks to all board and committee members for making the year such a success.

Program Chair Chance Hollingsworth reported that the evenings meeting would consist of a video on refrigeration and a celebration of winning the Golden Gavel.

President John Carter reported that the April's meeting minutes would be presented at the next board meeting.

Treasurer Steve Titus proposed the chapter set up a separate checking account for the Northwest Section. He reported this account would be used for expenses that cur-

rently must be reimbursed from the chapter account. The reimbursements take several weeks at this time and are not an efficient manner to handle expenses. Kim Koch moved to set up a NW section checking account with the signers being the NWA Liason and other board members currently on the main chapter account. The account will have an initial balance of the minimum balance required plus \$250.00. Second by Shawn Wilson. Motion passed.

Treasurer Steve Titus motioned to set membership dues as budget items instead of accounts receivable. Second by Rick Sellers. Motion passed.

Resource Promotion Chair Rick Sellers reported that the current total for resource promotion is approximately \$42,700. Rick moved that the chapter write a check for resource promotion in the name of the Northwest Section for the current amount of profit attained from the NW Section golf tournament. The remainder of the profit will be contributed next year. Second by Randy Moore. Motion passed.

President John Carter moved to adjourn at 5:20 P.M. Second by Chance Hollingsworth. Motion passed.

Membership Meeting of May 2005

Members Present

50 Members, 0 Guests

Meeting Minutes

President John Carter called the meeting to order at 6:01 P.M. at Sticky Fingerz Chicken Shack.

President John Carter mentioned that the meeting's sponsor was Powers of Arkansas.

John Carter reported that there were 18 teams at the ASH-RAE golf tournament and 21 teams at the Northwest Section tournament. In total these tournaments raised of \$7,500 for research promotion.

President John Carter presided over the installation of new officers, Board of Governors, and Committee Chairs as follows:

President: Chance Hollingsworth
 President Elect: John Hodoway
 Treasurer: Steve Titus
 Secretary: Kim Koch

Board of Governors: Alan Hope, John Oliver, and Terry Granderson

Committee Chairs:
 Newsletter: Chris Ahne
 Student Activities: Drew Harrison
 Webmaster: Bill Simpson
 Historian: Tracy Hayes
 Membership: James Dayer
 Research Promotion: John Carter
 Social Chair: James Panasiuk
 Northwest Liaison: Shawn Wilson
 Honors & Awards: Rick Sellers
 Refrigeration: Miguel Purdy
 Publicity: Wade Wetzler

Refrigeration Chair Chris Ahne introduced the refrigeration video "The Cold Chain." The video explained the importance of refrigeration in the food delivery system across the world.

(Continued on page 3)

(Continued from page 2)

It explained the impact on the global economy and society.

CRC delegate Randy Moore gave an overview of the San Antonio CRC. The Golden Gavel was won by John Carter and the Arkansas Chapter for the second year in a row. Multiple awards were given to chapter members including Rick Sellers, Chance Hollingsworth, Tom Hanlon, and Randy Moore. Randy re-

viewed several motions and other actions from the business meeting.

President John Carter reviewed the actions and successes of the chapter throughout the year. John invited all to enjoy and celebrate the success of the chapter.

The business portion of the meeting was adjourned.

Arkansas Chapter Receives Recognition for ASHRAE Research Contributions

taken from Resource Promotion Final Campaign Report for 2004-2005

Rick Sellers, the Resource Promotion (RP) Committee Chairman for 2004-2005 recently received recognition for his committee's **OUTSTANDING** efforts in raising money for ASHRAE Research. In the Final Campaign Report, two RP Chairs were recognized for their achievements. In choosing the top chapter chairs, factors such as the percentage of Goal, High-5, and Challenge Goal, the total dollars raised over Goal as well as the dollars raised per chapter assigned member, and the accomplishment of other campaign related activities like the Full Circle Award, workshop attendance, organizing a volunteer committee, etc. were taken into consideration. Two individuals emerged as the top RP Chairs. James Grant of the National Capital chapter and **Rick Sellers of the Arkansas chapter**. Some of Rick's numbers are highlighted below.

- 1.) Rick exceeded his goal of \$35,709 by 33% for a total of \$47,525.
- 2.) He set a new chapter High Five and exceeded his challenge goal by 128% and 122% respectively.
- 3.) Rick was second in total dollars collected as applied towards the chapter Goal. Rick collected \$47,525 (116 gifts with no Golden Circle investors). The National Capital chapter was first in total dollars collected with \$49,458.
- 4.) He was tops in dollars collected per assigned member. The Arkansas Chapter is first in its size class (250-499) at a whopping \$181.39 per area assigned member which is the highest for any size chapter.
- 5.) Rick completed most of the campaign action items suggested by the RP Committee including: Campaign Action Plan, Resource Promotion Night after January 1st, creation of a Volunteer Committee, ordering of his chapter's 2003-2004 donor recognition items, three special events, attainment of the Full Circle Award, and attendance at his region's RP Training Workshop.

TOP FIVES BY CHAPTER SIZE AWARDS

Congratulations are also in order for the chapters representing the Top Fives in Chapter Sizes. These are the chapters that met their goals and were the best of the best in any one or more of the following categories and chapter size groupings.

Percentage of Goal: The overall winner is Gilbert Hibbs of the Mid-Columbia chapter (1-99 chapter members) who surpassed the chapter's Goal by 1133.1%. The other Chapter Size category winners are: James Grant, National Capital (500+ members); Roger Wehby, Nashville (250-499 members); and Charles Amerise, Tucson (100-249 members).

Percentage of High Five Goal: The overall winner is Gilbert Hibbs of the Mid-Columbia chapter (1-99 chapter members) who surpassed the chapter's High Five goal by 877.2%. The other Chapter Size category winners are: James Grant, National Capital (500+ members); **Rick Sellers, Arkansas (250-499 members)**; and Charles Amerise, Tucson (100-249 members).

Percentage of Challenge Goal: The overall winner is Ray Sieber of the Regina chapter (1-99 chapter members) who surpassed the chapter's Challenge Goal by 835.4%. The other Chapter Size category winners are: James Grant, National Capital (500+ members); **Rick Sellers, Arkansas (250-499 members)**; and Charles Amerise, Tucson (100-249 members).

Dollars Per Member: The overall winner is **Rick Sellers of the Arkansas chapter (250-499 chapter members)** who attained \$181.39 per assigned chapter member. The other Chapter Size category winners are: Donald Booker, Houston (500+ members); Steven Marek, Charleston (100-249 members); and Michael Heinrich, Black Hills (1-99 members).

Total PAOE Points: The overall winner is Gilbert Hibbs of the Mid-Columbia chapter (1-99 chapter members) who attained 3,879 points. The other Chapter Size category winners are: James Grant, National Capital (500+ members); **Rick Sellers, Arkansas (250-499 members)**; and Charles Amerise, Tucson (100-249 members).

Congratulations to Rick and the Resource Promotion committee for their accomplishments. We value their membership and commitment to ASHRAE.

If you or someone you know isn't receiving the electronic version of the **Razorback Report** and would like to, please send an email to Chris Ahne at cahne@trane.com.

Spring ASHRAE Research Golf Tournament



Steve Moore, Corey Imhoff, Jim Chidester, Rob Gaddis



Social Chair - James Panasiuk



Ray Arledge



Steve McConnell, Randy Moore, Randy Ragsdale, Wade Wetzler



Jeff Garner, Wes Mullen, Sec. - Kim Koch, Travis Fortner



NW Liaison - Shawn Wilson

Arkansas ASHRAE History

By Tracy Hayes

In Memory of William J. Collins

William J. (Bill) Jr. was born in Iron River, MI on May 26, 1915, and passed from this life on July 27, 2005 in Oklahoma City. Educated in mechanical engineering he came to Oklahoma in 1937 and attained his Professional Engineering license in 1941. He established a consulting engineering office in 1946. Before retiring in 1995, he was responsible for the design of systems in thousands of buildings in Oklahoma and throughout the nation. Strongly believing that a person should put something back into the industry from which one earned his living, Bill was a Charter Member and President of the Consulting Engineers Council of Oklahoma, a Founding Member of the American Consulting Engineers Council, President of the Oklahoma Society of Professional Engineers, Vice President of the National Society of Professional Engineers and President of the American Society of Heating, Refrigerating and Air Conditioning Engineers. Bill was listed in Who's Who in Engineering, was a member of the Engineering Hall of Fame at Oklahoma State University, and a member of the President's Club at Michigan Technological University. He was retired from the U.S. Army Corps of Engineers Reserves as a Lieutenant Colonel. He was a member of Rotary Club 29 for forty five years and was a Paul Harris Fellow. Bill joined Christ the King parish in 1951. He was on the Parish Council and the Building Committee. In his latter years as a member of the Share and Care Club, he drove 'Meals on Wheels' for the homebound. He was also on the Archdiocesan Building Committee for many years. He was preceded in death by his parents, a sister and two wives, Anne Soss Collins and Mabel Denham Collins. He is survived by his wife, Carlen Stecker Collins; five children, Charlotte Denham Meredith and husband J. Conley of North Little Rock, AR., son Douglas R. Denham and wife Rene of Albuquerque, NM, son Larry B. Stecker and wife Marka of Litchfield Park, AZ, daughter Linda Stecker Smith and husband Eddie Porter of Oklahoma City, son William E. Stecker and wife Angie of Yukon, OK: a nephew Don Miller and wife Joan of Kirkland, WA, four grandsons, and six granddaughters.

In Memory of Robert "Bob" Harden 1943-2005

On Friday July 22, 2005 Bob Harden passed away. Bob had been with Carrier for over 30 years, and was the market manager for Arkansas for over 20 years. Bob was a graduate from the University of Tennessee, but always rooted for Arkansas, unless of course they were playing Tennessee. Bob was a leader in the HVAC&R industry in Arkansas and will be greatly missed by our industry.

NW Section Update

By Shawn Wilson

Fall and football is in the air in northwest Arkansas and that means that it is once again time for us to reconvene our monthly ASHRAE meetings. I welcome you to attend our first meeting on September 8th at AQ Chicken in Springdale. Social will begin at 5:00 pm, followed by our meal at 6:00 and our program at approximately 7:00. This month's program will be very informative from a practical perspective. A team of presenters with a wealth of construction experience will present "Construction Cost Estimating". Watch for the EVITE in your email for further details.

Our 2004-2005 year concluded at our May meeting. One of the highlights of the evening was the presentation of our golf tournament championship trophy to the team from Action, Inc. I would like to thank all of you that supported and participated in the tournament. Your efforts allowed us to raise \$3,500 for ASHRAE research and provided a good time of fellowship for our members and guests. Pencil in our 2006 tournament for late April and look for it to be even bigger and better.

I would like to thank Murl Meredith for serving as our section coordinator for 2004-2005. Murl did an outstanding job and will be a hard act to follow. I have enlisted Murl to help with social events for the 2005-2006 year and appreciate his willingness to continue to serve.

In closing I would like to invite all of you to make ASHRAE participation a priority for the upcoming year. Your attendance and involvement is key to our chapter making an impact in our industry. I look forward to seeing each of you this fall and spring.

Check us out on the internet at www.arkansasashrae.org!

Camp Aldersgate Receives LEED Gold Rating

By Chris Ahne

On August 5th, Rick Fedrizzi, President and CEO of USGBC, presented a gold plaque to Camp Aldersgate, in recognition of certification as a LEED Gold building. The new 12,000 square foot dining and commons facility is one of three buildings in Arkansas that have earned LEED certification. The Gold rating for Camp Aldersgate puts this building among the elite in the nation.

Camp Aldersgate provides programs for children with special needs and for senior citizens. The award luncheon followed a closing ceremony for a week-long camp for children with blood diseases or cancer. Rick Fedrizzi commented about the experiences that Camp Aldersgate provides for special needs children and that the children deserve a building designed with sustainable practices.

Following the presentation, Martha Jane Murray, Wilcox Group Architects, recognized the members of the design team, construction team, and suppliers of various building systems. She also gave highlights of the building and answered questions about how some of the LEED rating system points were achieved.

Some of the buildings design features are: natural daylighting, high efficiency lighting systems, a geothermal heat pump air conditioning system that utilizes the camp's five acre lake as the heat rejection sink, a variable volume condenser water pumping system, and building automation system.



Milton W. Garland Commemorative Refrigeration Award for Project Excellence

By Miguel Purdy

Who is Mr. Garland? He has been called "Mr. Refrigeration." He holds 40 patents and developed refrigeration compressors for industrial and commercial use. Mr. Garland is an ASHRAE Fellow and Life Member, as well as an ASHRAE Centennial Honoree: A Pioneer in Technology. He was honored as the nation's oldest worker at 104. Included in his 80 year resume' with the Frick Company are cooling a 2 mile deep gold mine, design of some of the first commercial ice rinks in the U.S., helping create the frozen food industry, invention of the "shell" ice machine, and assistance in decommissioning and recommissioning breweries at the start and end of Prohibition.

Well, that's enough history lessons. What is this award all about, anyway? It is presented "to both designer and owner of a non-comfort cooling refrigeration application that incorporates new technology in a unique manner."

More specific eligibility requirements, as stated in the Manual of Procedures for Refrigeration Committee, are: **1)** refrigeration shall be defined as any use of mechanical refrigeration machinery for application other than human comfort. In general, this will be for food processing and preservation as well as industrial applications. It could also apply to refrigeration used in manufacturing processes, life support in extreme environments, recreational facilities, or other non-comfort cooling applications, **2)** all projects must be submitted within the thirty-six (36) preceding months of the initial operation date of the system, **3)** the Milton W. Garland Commemorative Refrigeration Award is open to all who think their projects or other projects with which they are familiar have achieved some distinction. Projects may be submitted by the designers, architects, engineers, owners, or suppliers. The nominator must inform and have approval from the owner of the installation that the entry may be published. The owner's name may be withheld for privacy, **4)** a release must be obtained from the owner of the project, **6)** there must be an ASHRAE linkage to the nominee (the prime designer is a member, the installer is a member, the firm is Golden Circle, or the owner, supplier, etc., is a member).

If you think you know of a project worthy of consideration for this award, contact Miguel Purdy, (479) 756-0007 or mlpurdy@vcaw.com.

Arkansas ASHRAE Needs You!

Following is a list of committees that need your support and participation. I encourage you to contact the following committee chairs and get involved.

Continuing Education -	Contact Tom Hanlon Description - Members develop, plan, and conduct educational seminars and short courses. Provide speakers and programs for sister organizations in our industry.	Email: tjhanlon@trane.com
Government Affairs -	Contact Mike McClellan Description - Government affairs objective is to provide government bodies both state and local with current HVAC & R standards and guidelines.	Email: mjmcclellan@trane.com
Student Activities -	Contact Drew Harrison Description - Members encourage the formation and continuing operation of student engineering organizations by supporting student activities, meetings, and programs. Committee members will help with engineer's week and will review and offer guidance on student resumes for our student resume workshop.	Email: dharrison@trane.com
Refrigeration -	Contact Miguel Purdy Description - Members develop and conduct refrigeration programs, technical sessions, and tours. Review and nominate projects for refrigeration awards.	Email: mlpurdy@vcaw.com
C.R.C. Planning -	Wade Wetzler Description - Members will organize and promote information on the upcoming C.R.C. in Cancun, Mexico. Members will organize and establish group rates for travel and lodging.	Email: wade@isgincorp.com
Publicity -	Wade Wetzler Description - Members will develop a pictorial file from meeting and chapter events. Members will publicize and promote ASHRAE activities, and advocacy programs in local media, chapter newsletter and chapter website.	Email: wade@isgincorp.com
Membership -	James Dayer Description - Members will work to attract and qualify new members. Organize and execute membership drives. And work with student activities to encourage student members to upgrade upon graduation.	Email: jdayer@fluidsolutionsinc.com
Social -	James Panasiuk Description - Members organize and conduct chapter social events i.e. golf tournaments, other events...	Email: jpanasiuk@pettitinc.com

Welcome to Our New Members!

Brent Shirley, Batson Bravo Engineers, Little Rock
John Cook, Vaughn Coltrane Pharr, Springdale
James Panasiuk, Pettit & Pettit, Little Rock
Larry Romine, Paron
Jason Mazurek, TME Inc., Little Rock
Alexander Floyd, Carrier Corporation, Little Rock
Eric Mills, Rogers
Jeremy Townsend, Johnson Controls, Bryant

For all existing members: We are continuously trying to keep our membership data as current as possible. Please take a minute to make sure your contact information is accurate and up to date. You can navigate to the Biographical Record System through the membership section on ASHRAE's website, www.ashrae.org, or the following URL: <http://xp20.ashrae.org/bio/>

Editor's Note

By Chris Ahne

I am looking forward to being the voice of the Arkansas ASHRAE chapter this year. I have some new ideas for our newsletter. New features that I plan to bring to the Razorback Report are quarterly highlights of projects and businesses. Having Wade Wetzler as the Publicity Chair will hopefully bring more to the newsletter in terms of a pictorial record of events.

Because this newsletter is aimed at informing our valued members, I am always open to new ideas or suggestions. Your comments will be greatly appreciated. You can reach me by email at cahne@trane.com.

Future ASHRAE Society Meetings:

2006 ASHRAE Winter Meeting
January 21 - 25
Chicago, IL.

2006 ASHRAE Summer Meeting
June 24 - 28
Quebec, PQ

2007 ASHRAE Winter Meeting
January 27-31
Dallas, TX

2007 ASHRAE Summer Meeting
June 23 - 27
Long Beach, CA

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2005-2006 Chapter Officers

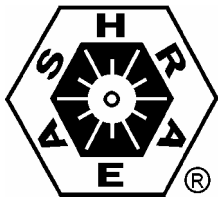
<u>President</u>	Chance Hollingsworth	501.374.5420	chollingsworth@powersofarkansas.com
<u>Vice-Pres.</u>	John Hodoway	501.372.2900	john.hodoway@mail.ashrae.com
<u>Treasurer</u>	Steve Titus	501.375.1181	sctitus@aristotle.net
<u>Secretary</u>	Kim Koch	501.661.0621	KKoch@tmecorp.com

Board of Governors

Terry Granderson	501-661-2642	tgranderson@healthyarkansas.com
Alan Hope	501-374-5420	ahope@powersofarkansas.com
John Oliver	501-280-0404	joliver@airetechcorp.com
Rick Sellers (CRC Delegate)	501-833-0239	rsellers@pettitinc.com
John Carter (CRC Alternate)	501-280-0404	john@jcarterco.com

Committee Chairs

Membership	James Dayer	jdayer@fluidsolutions.com
Student Activities	Drew Harrison	dharrison@trane.com
Programs	John Hodoway	john.hodoway@mail.ashrae.com
Historian	Tracy Hayes	hayes.tracy@sbcglobal.net
Refrigeration	Miguel Purdy	mlpurdy@vcaw.com
Research	John Carter	john@jcarterco.com
Honors & Awards	Rick Sellers	rsellers@pettitinc.com
TEGA	John Hodoway	john.hodoway@mail.ashrae.com
Newsletter	Chris Ahne	cahne@trane.com
NW Section	Shawn Wilson	shawn.wilson@carrier.utc.com
Social	James Panasiuk	jpanasiuk@pettitinc.com
Reception	Ashley Roach	Ashley.Roach@carrier.utc.com
Webmaster	Bill Simpson	wsimpson@trane.com



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 send this form by
Thursday, September 8th to **John Hodoway** : john.hodoway@mail.ashrae.com or
via **FAX** at 501-372-0482.

For reservations to the Northwest Arkansas Chapter meeting send this form by
Thursday, September 1st to **Shawn Wilson** : shawn.wilson@carrier.utc.com or via
FAX at 479-306-4917/

ROUTING

MEMBER NAME (PLEASE PRINT)	CENTRAL Sept 15 th	NW ARK Sept 8 th	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.

"Construction Cost Estimating for Designers"

Our September program is entitled "Construction Cost Estimating for Designers". Many designers provide cost estimates to clients. Many designers have found their estimate as the "low bid". That is not a good thing. September will be a joint meeting with the American Society of Professional Estimators who will present the program. Doug Hinson of Baldwin and Shell, Sam Weatherford of Comfort Systems USA, and Art Kornblatt of IK Electric will discuss estimating, how the rules of thumb have changed and how cost components like steel and energy are impacting construction costs.

The Central Chapter meeting date and location are different in September! The meeting is on **Thursday, September 15** at the **Doubletree Hotel**.

The Doubletree is located at Markham and Broadway next to Robinson Auditorium in downtown Little Rock. There is a municipal parking deck under the hotel with entry from Markham or LaHarpe. Two hours of parking will cost \$3.00. In October, the Central Chapter will return to that great Barbecue at Whole Hog Café.



2005 Arkansas ASHRAE Fall Golf Tournament

Friday October 7th "Shotgun Start" 1:00 pm

>**Stonelinks**<

North Little Rock, Arkansas



Entry Fee: \$225 per team (3 players per team)
Includes Cart, refreshments, and lunch at noon.

Format: 3-Man Scramble (2 teams per hole) (First 36 teams paid)
Each player will get 1 Mulligan on front 9 and 1 on back 9.
Ties will be broken by score and hole handicaps
This format shall promote fair and competitive play

Prizes: 1st, 2nd, 3rd place teams
Long drive (In Fairway) and Closest to pin
Special contests to be announced

Fill out form and e-mail jpanasiuk@pettitinc.com or fax (501) 374-1802 to James Panasiuk. Pettit & Pettit suite 400, 201 East Markham, Little Rock, AR, 72201. All players names and money must be received by **Tuesday, Oct 3rd**.

Phone: 374-3731 Fax: 374-1802

Player 1: _____

Player 2: _____

Player 3: _____ **Total enclosed: \$**_____

Please make Checks payable to "Arkansas ASHRAE".

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

_____ I will sponsor a hole -\$100. Sign at a hole & recognize in ASHRAE newsletter

_____ Corporate Sponsorship -\$200. There will be a special area near the scoreboard to recognize corporate sponsors.) Banners are allowed for corporate sponsorship.

_____ I will donate \$_____ for prizes and awards

_____ I will donate Merchandise (Golf Balls, towels ect.)