

January 2010

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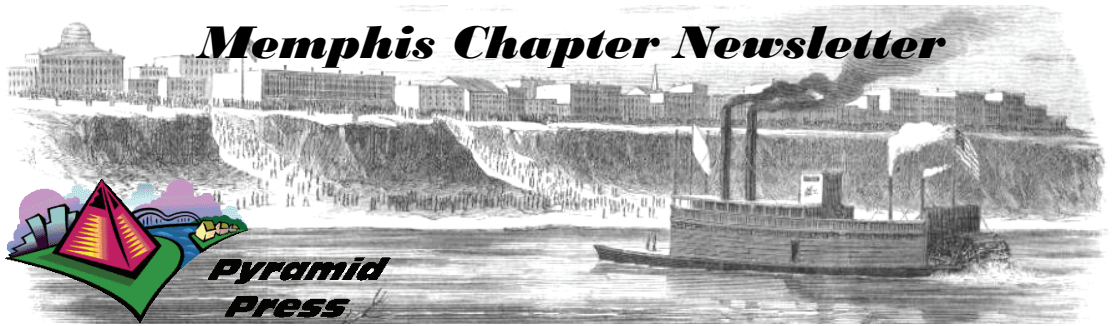
Chapter Website

Kevin Crosby

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Keith Mayes

Jackie Carter-Horne



Memphis Chapter Newsletter

Lunch Meeting

TUESDAY, January 12, 2010 @ 11:30 AM

Meeting Location:

Fogelman Executive Center

TECH SESSION @ FEC 10:15—11:15

HANK JACKSON, P.E.

ETech Solutions

Weaverville, nc

Hank Jackson, owner and principal of ETech Solutions, has provided technical training and consulting services in the energy efficiency marketplace since 1979. He holds a Bachelor of Aerospace Engineering (1974) and a Master of Science in Aerospace Engineering (1978), both from the Georgia Institute of Technology, Atlanta, Georgia. Originally registered in Georgia, Mr. Jacksons currently practices in North Carolina.

Mr. Jackson served as director of the Georgia Industrial Energy Extension Service program at the Georgia Institute of Technology prior to entering a private consulting practice. During a five year hiatus from consulting (1999 – 2005), he was department chair of Mechanical Engineering Technology at Asheville-Buncombe Technical Community College in Asheville, North Carolina.

Mr. Jackson specializes in energy management consulting and custom design of energy-efficient mechanical systems for residential, commercial, and industrial buildings. He has provided training for numerous public electric and natural gas utilities, including Georgia Power, Midwest Gas, Pacific Gas and Electric, Southern California Edison, and Niagara Mohawk Power. He has also traveled abroad to Jamaica and Central America to conduct energy audits and to provide technical training, including a lecture series in Spanish.

Mr. Jackson is a member of ASHRAE and the Geothermal Heat Pump Consortium

TOPIC

JUST DO IT! How to Get Started with an Energy Efficiency Survey

This technical session and synopsis is designed to help building owners, operators, and engineers perform on-site energy efficiency surveys with more confidence and accuracy. Specifically, this course is directed toward the on-site inspection and critical assessment of heating, ventilating and air conditioning (HVAC) systems; refrigeration systems; lighting systems; compressed air; and motor applications typically found in buildings and process facilities. Attendees will receive a qualitative understanding of design and operation considerations for common systems and will learn site survey techniques to help them gather the information needed to evaluate the costs and benefits of a variety of energy-efficiency improvements.



The Presidents Corner

ASHRAE members

2010 is off and running. Hard to believe how fast the holidays flew past! Ryan Hertter has lined up a great speaker for this month who is an ASHRAE Distinguished Lecturer. There will also be a 1 hour technical seminar beforehand entitled JUST DO IT! How to Get Started with an Energy Efficiency Survey. This is slated for 10:15-11:15am in room 308. More information on the program and the speaker's bio are elsewhere in the newsletter. **Note that the seminar and the regular meeting are in the Fogelman Executive Center this month, NOT the Holiday Inn facility.**



Just a few more things:

- Time is coming for Joey Matlock to get all his officers and chairs in place for next year. Contact me or Joey if you are interested in becoming more active in the chapter. There are several areas of service open.
- Those that attended the Christmas party, you'll remember the beverage hiccup (pun intended). Please don't forget to bring a "special" ASHRAE donation to reimburse the chapter for those costs. You can give to David Branham or mail to him at 2657 Appling Road, Suite 202, Memphis, TN 38133. We need to get these ASAP as the bar tab was rather healthy. Sorry again for the inconvenience.
- For anyone planning to go to the Orlando ASHRAE product show, I received about 20 free entry tickets from the corporate office in Atlanta. Let me know if you need any for yourself or customers.

Let's keep the same attendance going in 2009 that we had in 2010. It has been stellar lately. I hope to see you all next Tuesday at Fogelman.

Russ
Russ Fletcher
761-0885 x12
russ@computerenvironment.com

YOUR AD HERE \$75.00



Member Notices

From the Membership Promotion Chair

Fellow members:

For our upcoming November luncheon, Jonathan Lancaster (Student Activities) and I will be hosting a booth outside the dining hall. Materials will be available regarding all grades of ASHRAE membership. Students or other prospective members will have the opportunity to ask questions about ASHRAE and sign up on the spot, if desired. To enhance participation, we are asking that current members bring a guest to the luncheon. This can be a fellow colleague or a student you know. The booth will open at 11 a.m. to allow prospective members a chance to talk with Jonathan and I. They are then welcome to join us for the luncheon. We can stay a few minutes afterwards, if needed, to allow individuals to sign up and / or ask additional questions. We look forward to seeing you at the luncheon and hope that you'll contribute to our outreach effort by bringing someone you know who is interested in coming aboard and enjoying all the benefits of ASHRAE membership!

Thanks!

Jack Griffith, Membership Promotion Chair
(901) 260-9850
jgriffith@ssr-inc.com

Help promote membership growth!

ASHRAE membership is open to anyone associated with heating, ventilation, air conditioning or refrigeration. Encourage your colleagues and fellow students to join.

The easiest and quickest way to join ASHRAE and pay dues (renew) is online! Prospective members can go to www.ashrae.org and complete an electronic application as well as access information regarding membership grades.

While online, encourage applicants to join their local Memphis chapter. For individuals without internet access, applications (Society and local) will be available at each of the upcoming ASHRAE luncheons.

Local applications are also available online by navigating to the Memphis ASHRAE chapter website at www.ashraememphis.org/page2.

ASHRAE Endorsed Events (Upcoming)

ASHRAE Conferences

[2010 ASHRAE Winter Conference](#)
January 23-27, 2010 - Orlando, FL

[2010 ASHRAE Annual Conference](#)
June 26-30, 2009 - Albuquerque, NM

Update your Membership Information

Please take a moment and ensure your information is up-to-date. Log in to ASHRAE at www.ashrae.org. Update your email, phone numbers and contact information, as applicable. From the ASHRAE website, you may:

Manage Your Membership
Manage Personal Information
Provide Address Changes

We appreciate your help! The Memphis Chapter newsletter mailing list and roster are based on the most up-to-date information.

ASHRAE sponsorships available

"Some of our local Memphis ASHRAE members have agreed to a 1 time sponsorship of annual dues for any member who may be struggling or out of work during the current economic slump. These sponsorships can also be used for student member dues. Any member who is interested in either receiving (or donating), please contact Russ Fletcher (russ@computerenvironment.com) or Jack Griffith (jgriffith@ssr-inc.com).

Requests for sponsorships will be kept completely anonymous, so please don't hesitate to ask. Thanks in advance to those members who have made this generous offer."



INDUSTRIAL ARTS BUILDING

The University of Memphis

By: Jackie Carter-Horne

The University of Memphis officially opened September 10, 1912 with Dr. Seymour A. Mynders serving as president. The name of the college was West Tennessee State Normal School and the campus consisted of only a few buildings. All of the buildings were heated but not cooled (air conditioned). Cooling and ventilation was provided by means of opening and closing windows.

In 1941 the name of the college was changed to Memphis State College. At this time there were several buildings added to the campus. One of these buildings was the Industrial Arts Building located at 3700 Desoto Ave. There was a great need to add this building to the campus due to the introduction of Art Classes to the college's curriculum.

In 1946 the Industrial Arts Building underwent alterations and repairs to better accommodate the increasing number of students attending the college after World War Two ended. The design for alterations and repairs also improved the aesthetic appearance of the campus. One of the aesthetic design changes was a grand entryway consisting of an engraved stone header, large eight and one-half foot paneled doors surrounded by a grand display of beveled stone. Offices were added to the southwest wing of the building. A "state of the art" 4,400 c.f.m., Roto Clone, dust collection system was installed for the wood working shop. The alterations and repairs project was designed by Furbringer and Ehrman, Architects, a local architectural firm.

In 1957 the name of the college was changed to Memphis State University.

In 1959 an addition to the Industrial Arts Building was designed by a local Architect, Daniel T. McGown, AIA. Mr. McGown's design added an entire wing to the northeast end of the building as well as added gas fired unit heaters throughout the entire building. Also implemented into the design were several other HVAC upgrades, including large fume and smoke hoods for the Foundry Room and welding hoods with exhaust fans. Several other HVAC, Plumbing, and Electrical upgrades have been made to the building by various local firms throughout the years.

In 1994 the university added the masters program to their curriculum which induced another name change. The facility is now known as the University of Memphis.

The University of Memphis has stayed true to its policy of hiring local architectural and engineering talent for the renovation of existing buildings and new building design. SSR-Ellers is designing the first air-conditioning units to be added to the Industrial Art Building's 5,500 sf. Wood Working Shop, the Welding Shop and the 3,700 sf. Ceramic Studio and Kiln Room. SSR-Ellers is also designing a mini-split, ductless HVAC system for the office areas on the southwest side of the building. The design phase of this Industrial Art Building renovation project is scheduled to be complete by the end of 2009 and construction will begin in 2010.



Employment Opportunities

Local Members Network

We are extending the newsletter and the website to those who want to advertise "open" positions within your company so the local members will get the opportunity to see those positions.

We will also advertise individuals who have lost their job and want to solicit themselves to the local chapter.

This service will be free of charge for member companies or individuals.
These postings will run for 30 days unless otherwise requested.

[Email the Webmaster with your postings](#)

ASHRAE Career Center

On June 15th, ASHRAE launched its full services [Career Center](#) for ASHRAE members and HVAC hiring authorities. The reception has been magnificent as the number of job seekers, resumes, and employer job postings have risen each week. We are very pleased.

The Career Center is user friendly. The products and services match that of traditional big box boards such as Monster.com, yet the information and postings are specific to the ASHRAE Community. Job seekers have a shorter and more pleasurable search experience, and employers have immediate access to a pre-filtered pool of talent.

One unique feature is that Center highlights ASHRAE members. The online job application form requires an applicant to identify themselves by membership status. So does the resume posting form. And, employers can sort applications and resumes by their status. Why did we agree to keep this open to non ASHRAE members? Because career research is the fastest growing use of the web and we also see this service driving ASHRAE membership.

<http://www.ashraejobs.com/>
