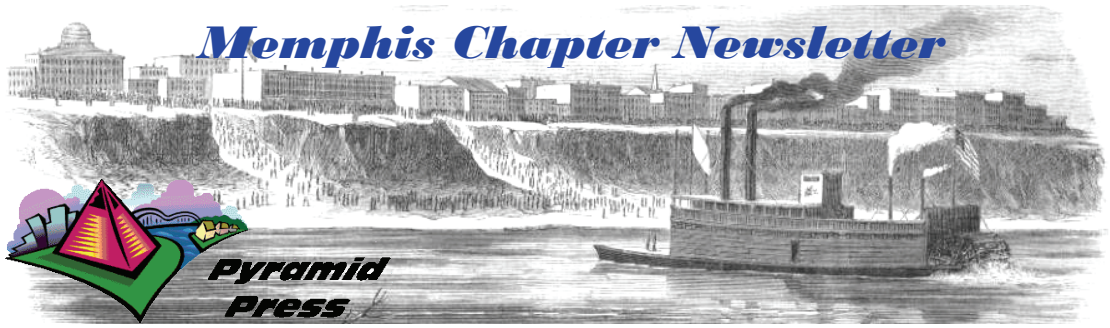


April 2010

**2009 - 2010  
ASHRAE Memphis  
Board of Governors**



## LUNCH MEETING

Tuesday April 13, 2010

Meeting Location:  
University of Memphis, Shelby Ballroom

### President

Russ Fletcher

### President Elect

Joey Matlock

### Technology Transfer / Programs

Ryan Hertter

### Secretary

Jimmy Fleck

### Treasurer

David Branham

### Research & Promotion

David George

### Membership Promotion

Jack Griffith

### Student Activities

Jonathan Lancaster

### Refrigeration

### Honors & Awards

Jeff McAlexander

### Historian

Jerry Gatlin

### Memorials

Ken Jack

### Newsletter Editor

Brian Schaffler

### Chapter Website

Kevin Crosby

### At Large Member

Keith Mayes

Jackie Carter-Horne

This Months Topic

## Desiccants for Schools and other Commercial Applications

Scott McGinnis has been designing dedicated outdoor air units with energy recovery and/or desiccant technology for several different manufactures over the past 13 years in climates all across the US. He holds a BS in Manufacturing Engineering from Texas A&M as well as a Masters in Business Management from The Air Force Institute of Technology.

He is an ASHRAE Member and is currently on the Technical Review Team for ASHRAE's Upcoming publication: Design Guide for Dedicated Outdoor Air Systems.



## *The Presidents Corner*

Greetings y'all. The April meeting has some great things on the agenda, so I'm hoping for another good turnout.

The meeting has been designated as Membership Promotion / Student Appreciation day. See Jack Griffith's column for more information on that. He and Jonathan Lancaster plan to man a booth outside the meeting room to answer any questions. Applications will be available for any prospective new members (both regular chapter and student)

Our annual Outstanding Junior Scholarships will be awarded to (2) students. One (1) each from University of Memphis and Christian Brothers University.

The chapter will be welcoming Frank Schambach who is the Assistant Regional Chair for Region 7. He is making a "formal" chapter visit on behalf of Region 7, so please make him feel welcome.

Another couple items of note:

- Due to popular demand, the Technical Infrastructure Tour of the FedEx Forum has been brought back. Tour is set for 1:30 pm on Wed April 14. This is primarily a student event, but we always open it up to the general membership. Contact Jonathan Lancaster to sign up. Headcount is already approaching 50, and we do plan for this to continue as an annual event.
- Bad news saved for last. As mentioned in several meetings, our chapter is running EXTREMELY tight on finances. If you do the basic math of dues income versus expenses, the chapter is well into the red on paper. In past years, there has always been enough "fluff" from other sources to make up the difference. However, the bad global economic conditions have really taken a toll on the chapter this year. I have appointed a committee of 3 (Mike Bilderbeck, David George, and Evans Jack) who are going to look at the last few years of the chapter checkbook, and then come to the Board with some possible recommendations. If any chapter member has any questions or suggestions, please feel free to contact me. Our plan is to have the study completed and recommendations made by the last meeting of the year in May. Then when we start back in the fall, the revised budget and any recommended dues changes will be in place.

Sorry to be the bearer of that last bullet point, but look for more communications from me as the process rolls along. It is a problem, but it has not yet reached an insurmountable level. I pledge to keep the chapter fully in the loop with the committee's findings, and then any changes that are recommended. In the meantime, show up next week & let's have another outstanding meeting. Thanks to all for the continued participation and support.

Russ

Russ Fletcher

761-0885 x12

[russ@computerenvironment.com](mailto:russ@computerenvironment.com)





## Member Notices

### From the Membership Promotion Chair

Fellow members:

Shelby Farms will be celebrating Earth Week April 16<sup>th</sup>-25<sup>th</sup>, 2010. As part of this, they are hosting the **Down To Earth Festival** on Sunday, April 25<sup>th</sup> from 10 a.m. to 5 p.m. The ASHRAE Memphis Chapter will have a booth at the Festival to help promote Membership and share with visitors our efforts to help promote a sustainable world. If your schedule allows, please make a point to attend the festival and visit our booth. ASHRAE membership forms will be available and guests may sign up onsite, if desired.



On April 13<sup>th</sup>, Jonathan Lancaster (Student Activities Chair) and I will be hosting another Membership Promotion and Student Activities booth just prior to our monthly luncheon. We'd like to encourage everyone to bring a prospective member with you as your guest. This can be a current student, a recent graduate, or someone who works in the HVAC business. The booth will open at 11 a.m. Additionally,

April 13<sup>th</sup> is Student Appreciation Day. Several outstanding juniors will be honored. Frank Schambach (ASHRAE Regional Vice Chair, Membership Promotion, Region VII), will also be in attendance. Frank is from the New Orleans Chapter, so please make time to visit drop by and meet him during our luncheon.

Finally, if you or guests have questions about ASHRAE or membership, please have them contact me as listed below:

*Jack A. Griffith*

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

### Upcoming ASHRAE Conferences

2010 ASHRAE Annual Conference  
June 26-30, 2009 - Albuquerque, NM

### Dues, Dues, Dues!

We have had issues with members letting their memberships expire or enter into the allowable grace period that ASHRAE provides. Please ensure your dues are up-to-date. You should be receiving mailings from ASHRAE Headquarters reminding you about your renewal. Please take the time in the near future to renew if you haven't already done so!

Memberships can be renewed online at [www.ashrae.org](http://www.ashrae.org). Click on this link and log into your account. Renewals can be completed in a matter of minutes on the website.

Please also remember to **add your Memphis Chapter dues** to the membership renewal. Chapter dues are vital to our ability to continue offering great meetings and other activities throughout the year.

Also, if you know of a member who has become inactive, please encourage them to go online and renew. Thanks!

### 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](http://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](http://www.ashraememphis.org/page2).

### Update your Membership Information

Please take a moment and ensure your information is up-to-date. Log in to ASHRAE at [www.ashrae.org](http://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





## Upcoming Events

### Technical Infrastructure Tour of the FedEx Forum

April 14, 2010  
Memphis, Tennessee

There will be a tour of the FedEx Forum on Wednesday April 14th at 1:30pm. Anyone planning to attend needs to meet in the lobby of the Forum at 1:00pm to sign safety forms. PDH certificates will be available. Anyone planning on attending the tour needs to let Jonathan Lancaster know by 4/7 so he can inform the Forum as to how many guests will be there.

Jonathan Lancaster  
SSR Ellers, Inc.  
901-683-3900 (phone)  
901-683-3990 (fax)

### 2010 TEBB Recertification Seminar

May 14, 2010  
Memphis, Tennessee

The seminar will be held on May 14<sup>th</sup> from 8-3 with three two hour training sessions at Kele and Assoc., 3300 Brother Avenue, Bartlett, TN 38133. The first session will be 8-10, the second 10-12, Lunch from 12-1, and the final session will be 1-3. Currently, we are anticipating a group of about 25 – 30 however, the room we are using will limit us to approximately 40 Max. The people that are primary will be NEBB recertification employees for the various NEBB firms within the entire state. In addition, we want to open this seminar to members of the local ASHRAE chapter which may have missed Judge Potters previous talk. His topic on Engineering Ethics is generally a needed topic for Engineers who are looking for continuing education. It will be held in the 1-3 time slot.

I have one additional confirmed speaker at this time which is Gil Avery. He is a respected member of the local ASHRAE (American Society of Heating Refrigeration and Air Conditioning Engineers) chapter and long standing controls expert. Since the seminar will be held at his place of employment, he has agreed to be flexible with his time slot. His will actually be two 1-hour sessions back to back which are titled: What Does It Take To Make The Air Side Economizer Cycle Economical, and the second will be Converting Primary/Secondary Chilled Water Plants to All Variable Flow.

There will be topics including:

Judge Potter – *Engineering Ethics*,

Gil Avery - *Converting Primary/Secondary Chilled Water Plants to All Variable Flow*

Gil Avery - *What Does It Take To Make The Air Side Economizer Cycle Economical*, and one other topic that has not yet been finalized.

Final costs and exact schedules will be forth coming.

Steven E. Stephens, P.E.  
Morgan & Thornburg, Inc.  
4076 Hatcher Circle  
Memphis, TN 38118 Fax: (901) 795-8501  
Ph: (901)-365-4936 Cell: (901) 331-0953  
E-Mail: steve.stephens@mtmech.com



## **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](#)

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### **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/>

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## ASHRAE WebCast



"Right from the Start  
Commissioning for High Performing Buildings"

ASHRAE  
Webcast



**Wednesday, April 21, 2010  
1-4 p.m. EDT**

Hear from leading commissioning experts about how commissioning supports a smoother construction process, maximizes energy and cost reductions, and provides a facility that operates as intended. This program will define the "what, why, when, and who" of the commissioning process and provide you with tools to commission your high performing building.

This free webcast is sponsored by the ASHRAE Chapter Technology Transfer Committee with support from ASHRAE's High Performing Buildings Magazine.

**Sponsored by ASHRAE Memphis and hosted by Trane Midsouth.**

### PDH Credits

Three (3) Professional Development Hours or three (3) AIA Learning Units may be awarded to viewers who complete the "Participant Reaction Form" online by **April 30, 2010**.

About the Presenters Visit [www.ashrae.org/CxWebcast](http://www.ashrae.org/CxWebcast) for complete details

Richard Casault  
H. Jay Enck  
Ronald Wilkinson

### Registration

Online registration begins now at [www.ashrae.org/CxWebcast](http://www.ashrae.org/CxWebcast). **There is no fee for registration.** If you have questions, call **678-539-1200** or email [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).

To learn about ASHRAE membership, visit [www.ashrae.org/membership](http://www.ashrae.org/membership).



ASHRAE is located at 1791 Tullie Circle, NE, Atlanta, GA, USA 30329



## ASHRAE Learning Institute Spring 2010 Online Course Series

### 2 WAYS TO REGISTER

**Internet:** [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

**Phone:** Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

**Note:** You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



**Introduction to Thermal Energy Storage Systems for A/C**  
Wednesday, April 7, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Using Standard 90.1 to Meet LEED Requirements**  
Monday, April 26, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Standard 90.1-2007: HVAC/Mechanical**  
Monday, April 12, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Introduction to Cleanroom Design**  
Wednesday, April 28, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Energy Management in New & Existing Buildings: A Sustainable Activity**  
Wednesday, April 14, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**District Cooling & Heating Systems: Central Plants**  
Monday, May 3, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Standard 90.1-2007: Envelope/Lighting**  
Monday, April 19, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Requirements of ASHRAE Standard 62.1-2007**  
Wednesday, May 5, 2010 – 1:00 p.m. to 4:00 p.m. EDT



**Understanding & Designing Dedicated Outside Air Systems (DOAS)**  
Monday, May 10, 2010 – 1:00 p.m. to 4:00 p.m. EDT

## Hot Products from ASHRAE

A leader in HVAC&R technology, ASHRAE publications cover topics that impact every facet of the environment, both indoors and out.

### Latest Publications from ASHRAE!

- Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings* (A Jurisdictional Compliance Option of the IGCC)
- ASHRAE Handbook Online* – Web-Based access to all 4 volumes
- ASHRAE Pocket Guide* – Useful information that fits in a shirt pocket
- IAQ Guide: Best Practices for Design, Construction and Commissioning*
- Load Calculation Applications Manual*

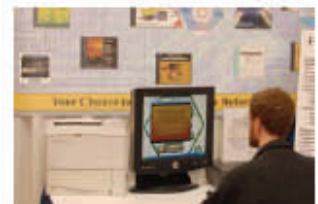
### Other Products from ASHRAE!

- Energy Efficiency Guide for Existing Commercial Buildings*
- Dampers and Airflow Control*
- Building Information Modeling Guide*
- Advanced Energy Design Guide for Small Hospitals and Healthcare Facilities*
- Principles of Heating, Ventilating, and Air Conditioning* – Textbook based on the 2009 ASHRAE Handbook - Fundamentals

Visit [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore) to learn more about these and other outstanding ASHRAE publications!

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or visit: [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore)



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