

CURRENT BOG

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	Nathan Roelofs Ph: 901.283.2892
	Community Outreach: Lionel Davis II Ph: 901.713.1894

Meeting Location:

The Sandy & John Black Pavilion @ Ole Miss – Club Level

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2023-2024 MEMPHIS ASHRAE CALENDAR AND ANNOUNCEMENTS

Chapter Meetings/Events

- Tuesday, March 27th** – Joint Chapter Meeting @ Ole Miss
- Tuesday, April 9th** – An Introduction to ANSI/ASHRAE Standard 55 by Christian Taber
- Friday, April 5th** – Golf Tournament
- Tuesday, May 14th** - TBD



2024 Region 7 CRC

Memphis, TN

July 25-27

Peabody Hotel

Sponsorship Opportunities

Platinum Level—\$20,000 Exclusive Signage at Event and 10 Tickets to the Event (2 Available)

- Thursday Night Welcome Party at the Rock & Soul Museum / Rum Boogie Café
- Friday Night Event at the National Civil Rights Museum & Central BBQ

Gold Level—\$5,000 Exclusive Signage at Event and 6 Tickets to the Welcome Party or the Friday Night Event (3 Available)

- Friday Lunch at the Peabody
- Saturday Lunch at the Peabody
- Hospitality Suite

Silver Level—\$1,500 and 4 Tickets to the Welcome Party (3 Available)

- Technical Sessions (This opportunity is reserved for Engineering Firms only)

Bronze Level—\$1,000 Recognition in the Program and 4 Tickets to the Welcome Party

All Sponsors will be recognized in Email publications to all ASHRAE Members in the seven state Region 7 area covering Tennessee, Mississippi, Alabama, Kentucky, West Virginia, Louisiana, & NW Florida. All Sponsors will also be recognized in printed programs given to all attendees.

Contact: David George - davidg@etairoshvac.com / 901-828-2995

Ricky Bursi - rbursi@ogcbinc.com / 901-488-9295

2024 Region VII CRC Schedule (Memphis)

(February 6, 2024)

Wednesday – July 24, 2024

Golf Outing

Hospitality Suite – 5:00 pm – 11:00 pm

Thursday – July 25, 2024

Registration Desk – 7:00 am – 6:00 pm

Hospitality Suite – 7:00 am – 11:30 pm (closed during Welcome Party)

Business Session #1 Lunch – 12:00 pm

(Boxed lunches for Society Rep, Regional Officers, and Chapter Delegates & Alternates)

Business Session #1 – 12:30 pm – 4:00 pm

Caucus #1 – 4:15 pm – 5:15 pm

Welcome Party: (walk to Rock-N-Soul Museum, then Rum Boogie) – 6:30 pm – 11:30 pm

Friday – July 26, 2024

Registration Desk – 7:00 am – 6:00 pm

Hospitality Suite – 7:00 am – 11:30 pm (closed during President's Lunch and Dinner Event)

Business Session #2 – 8:00 am – 11:30 pm

“Platinum/Gold/Bronze Sponsor Showcase” – 10:30am – 5:00pm

President's Lunch – 11:45 am – 1:15 pm

Tech Sessions – 1:30 pm – 4:30 pm

Companion Activities – 8:30 am – 2:30 PM

Caucus #2 – 4:45 pm – 5:45 pm

Dinner Event: National Civil Rights Museum and Central BBQ – 6:15 pm – 10 pm

YEA Event – 10:00 pm – Midnight

Saturday – July 27, 2024

Registration Desk – 7:00 am – 11:00 am

Hospitality Suite – 7:00 am – 3:00 pm

Chapter Operations/Treasurer Workshop - 8:00 am – 10:00 am

GAC Workshop – 8:00 am – 11:00 am

RP Workshop – 8:00 am – 10:00 am

MP/YEA Workshop – 8:00 am – 10:00 am

CTTC Workshop – 7:30 am – 10:00 am

ECC Workshop – 10:00 am – 11:00 am

Historian Workshop – 10:00 am – 11:00 am

Student Activities Workshop – 8:00 am – 10:00 am

Awards Luncheon – 11:30 am – 1:00 pm

Business Session #3 - 1:30 pm – 3:30 pm

CRC Adjourns – 3:30 pm

CRC Recap Meeting – 4:00 pm – 5:00 pm

Optional Dinner outing – 6:00 pm – 9:00 pm

2024 Region VII CRC Subcommittees

(January 12, 2024)

1. **Steering committee – Mike Bilderbeck, Casper Briggs, Jeff Gatlin, Evans Jack, Patrick Silva, Ashley Shipley**
2. **Hotel – Mike Bilderbeck and Casper Briggs**
3. **Financial – Max Graham**
 - a. Handle the checkbook
4. **Transportation – Robert Smith (chair)**
 - a. Thursday night's activities are 1/3 mile from the Peabody door, so most folks will walk. Set up a carpool for those who don't want to walk
 - b. getting us to and from Friday night's party
 - c. getting ASHRAE officers and staff person to hotel from airport (Mike, Jeff, and Casper will assist)
5. **Attendance – Stephanie Cianciola (chair)**
 - a. Responsible to distribute/collect attendance sheets at every session/meeting. Prepare PDH certificates for the tech sessions
6. **Hospitality room – Ryan Hertter (chair)**
 - a. Wednesday afternoon until 3 PM Saturday
 - b. See schedule for closures
7. **Tech sessions – Lionel Davis (chair)**
 - a. Gotta be at the hotel, no available time for travel
 - b. Three 1-hour sessions
8. **Money raising - David George and Ricky Bursi (co-chairs)**
 - a. Exhibitor tables and streetside trailers
9. **Registration desk – Mariel Megan (chair)**
 - a. Wednesday afternoon until noon Saturday, except
 - b. at least 2 at all times
 - c. would be nice to have at least 1 floater during peak times
10. **Swag bags, women – Libby Bilderbeck (chair)**
11. **Swag bags, men - Stephanie Cianciola (chair)**
12. **A/V – Patrick Silva (chair)**
 - a. day-to-day liaison
 - b. Mike and Casper will negotiate pricing
13. **Companion events – London Davis (chair)**
 - a. During the day Friday, and Saturday morning
14. **Banners/signs – Mariel Megan (chair)**
 - a. Promoting contributors
15. **Golf Wednesday - Ricky Bursi and David George (co-chairs)**
 - a. 5-10 folks will want to play
16. **PR – Lionel Davis (chair)**
 - a. Promote Society officer to TV/newspaper
 - b. Get a mayor to attend Thursday afternoon or Friday morning business session
17. **Meeting secretary to take minutes – Mariel/Stephanie will find a student**
 - a. Paid position, college student?

President's Corner:

Spring is upon us! I look forward to enjoying warmer weather and spending more time outdoors.

Last month, our chapter meeting was about Workforce Development, presented by Kurt Kraiger. We had a good turnout, and Kurt did a great job giving the presentation. Thank you, Kurt.

This month's meeting will be a joint meeting with the Jackson, MS chapter in Oxford, MS. It will be March 27th, and there are multiple PDH credits to be earned. It will be a great time to network, and learn with our MS chapter peers. Hope to see you there!

I also want to promote the Annual ASHRAE Golf Tournament. This is a great time for everyone to get out of the office, and enjoy a day of golf and games together. I am looking forward to it!

Sincerely,

Nate Roelofs
Interim President, ASHRAE Memphis 2024

Chapter Meeting Topic #1: "An Introduction to ANSI/ASHRAE Standard 55"

This presentation is a Case study of the renovation of the new ASHRAE headquarters that includes the goals, encountered issues and solutions for the project. The presentation will take the listener from the beginning of the efforts by the ASHRAE HQ Ad-hoc in developing the owner project requirements, thru the design, construction and commissioning team selection, into the design phase decisions and thru to the final product. It will discuss the financial impacts of decisions made and the cost of the project in detail.

Speaker Bio #1:



Presented by: Ginger Scoggins, PE, FASHRAE, 2023-24 ASHRAE President

Ginger Scoggins is a licensed mechanical engineer with over 30 years of experience. She is the President and Co-owner of Engineered Designs, Inc., a full-service engineering which she founded over 25 years ago. Ginger is also a certified commissioning agent, as well as a certified energy manager, and works on the design and commissioning of projects ranging from \$4 million construction cost up to \$90 million construction cost. Her focus is on designing high-performing buildings across a wide variety of markets.

In addition to running her firm, Ginger has been heavily involved in ASHRAE since 1988 when she joined the Triangle Chapter in Raleigh, North Carolina, becoming the first female president of the chapter in the 1995-96 year, the first female Regional Vice-chair, and the first female Director & Regional Chair for Region IV. Ginger was recently named a Fellow of the organization and is the current President-Elect for ASHRAE, becoming ASHRAE president in July of 2023.

Ginger has served ASHRAE on Society level committees including CEC (Conferences & Exposition Committee), which she chaired twice, as well as on the Society planning committee, finance committee, and membership promotion committee. She has served on all three ASHRAE councils, including as chair of both Technology Council and Member's Council.

Ginger's professional experience as a consulting engineer has spanned numerous market sectors, including laboratory design, telecommunications design, mission-critical spaces, and all levels of educational markets such as K-12, community college, and university projects. In addition, she has commissioned numerous projects for the same educational clients as well as the military.

Chapter Meeting Topic #2: “Impact of the Inflation Reduction Act on Thermal Energy Storage”

Thermal storage in chilled water plants has been a common practice for decades, so the beginning of the presentation will be a recap for some attendees and an overview of the fundamentals for the rest of the attendees. With more intermittent power on the grid, the need for energy storage is growing rapidly, both grid-scale and behind the meter - in buildings. And the incentives have shifted the economics dramatically. The recently enacted federal incentives in the Inflation Reduction Act of 2022 apply to a myriad of clean energy projects. This is the first time that the investment tax credit has been expanded to include thermal energy storage, and tax credits can be paid directly to non-profit and many other tax-exempt entities. Finally, we’ll cover some financial examples based on local electric rates to highlight the economic impact

Speaker Bio #2:



Presented by: Mike Filler, PE

Mike Filler is the Solutions Leader for Thermal Storage based in Colorado Springs, Colorado. He first joined Trane in 2000 in the role of supporting and training customers on the use of Trace 700 load design and energy simulation software. Mike has held several sales, product management, and product application roles in the industry with experience at York, Johnson Controls, and Trane.

Mike is a Past President of the Pikes Peak chapter of ASHRAE and has volunteered with ASHRAE on technical committees - including TC 6.08 Geothermal Heat Pump and Energy Recovery applications and TC 6.09 Thermal Storage. Mike holds a PE in the state of Colorado and is an ASHRAE-certified High-performance Building Design Professional. And he is also a recipient of the ASHRAE Distinguished Service Award.



2024 - Fourth Annual
JR Anderson Memorial
Golf Tournament
Timber Truss Golf Course
Friday, April 5th
12:00 PM Shotgun Start

**Lunch, Drinks, and Range Balls Provided
Tons of Great Raffle Prizes**

4th Annual JR Anderson Memorial Golf Tournament
Sponsor your local Memphis Chapter by signing up today!

4 Person Team: \$550

~~4 Person Team + Hole Sponsor: \$650~~

Sponsorships

~~Platinum: \$4,000~~

Gold: \$3,500

Silver: \$2,500

Clubhouse: \$1,000

Drink Cart: \$1,000

(Front 9)

~~Drink Cart: \$1,000~~

(Back 9)

~~Putting Contest: \$1,000~~

~~Longest Drive: \$600~~

~~Closest to the Pin: \$600~~

~~Accurate Drive: \$600~~

~~Hole Sponsor: \$250~~

RESERVE YOUR
SPOT TODAY!

CONTACT:

CHARLIE REIFENBERGER

charlie.reifenberger@walkerjwalker.com

901-584-8440

4th Annual - JR Anderson Memorial Golf Tournament Timber Truss Golf Course

Sponsorship Details:



- **Platinum Sponsorship Level**
 - Includes (2) Teams
 - Includes (1) Oasis Hole (Set up tent, can serve food / alcoholic beverages)
 - Company Logo Displayed on Tournament Banner – Platinum Slot
 - Company Logo on All Advertisements
 - Short Speech by Sponsor Representative at beginning of Tournament
 - Special Recognition by ASHRAE President at Tournament
 - Company Promotional Items in Gift Bags (Provided by Sponsor)
 - Company Table Setup Allowed at Sign-in Area
- **Gold Sponsorship Level (Multiple Sponsors Allowed)**
 - Includes (2) Teams
 - Includes (1) Oasis Hole
 - Company Logo Displayed on Tournament Banner – Gold Slots
 - Recognition by ASHRAE Board Member at Tournament
 - Company Promotional Items in Gift Bags (Provided by Sponsor)
- **Silver Sponsorship Level (Multiple Sponsors Allowed)**
 - Includes (1) Teams
 - Includes (1) Oasis Hole (As Available, Maximum of 6, Gold Sponsors get Priority)
 - Company Logo Displayed on Tournament Banner – Silver Slots
 - Recognition by ASHRAE Board Member at Tournament
 - Company Promotional Items in Gift Bags (Provided by Sponsor)
- **Clubhouse Sponsorship**
 - Company Logo Displayed on Tournament Banner – Clubhouse Slot
 - Table in Clubhouse to serve food / alcoholic beverages
 - Recognition by ASHRAE Board Member at Tournament
 - Company Promotional Items available to giveaway (provided by sponsor)
- **Drink Cart Sponsorship - Front 9/ Back 9 (One sponsor per side, First Come, First Serve)**
 - Company Logo Displayed on Tournament Banner – Drink Cart Slots
 - Recognition by ASHRAE Board Member at Tournament
 - Company Promotional Items available to giveaway (provided by sponsor)
- **Closest to the Pin, Long Drive, Accurate Drive, Putting Contest**
 - Recognition by ASHRAE Board Member at Tournament
 - Company Promotional Items available to giveaway (provided by sponsor)
 - Setup Required at Each location by sponsor representative.

JR Anderson was a well-known member of ASHRAE, particularly for the Memphis Chapter. He gave of himself tirelessly to colleagues and students, to ASHRAE and other organizations. JR loved helping young people, whether in school or early in their careers. The travel award would not only get the student to ASHRAE's annual conference, but the recipient would also be paired up with a mentor for the duration of the conference, to provide additional assistance and knowledge. Through the Certification Award, a YEA (Young Engineer in ASHRAE) Member could earn their Building Commissioning (BCxP) certification which validates critical job knowledge, skills and abilities and enhances their reputation.

Did Ya Know?

Municipalities are all over the board with their requirements for condensate disposal. Some require/allow? condensate:

- To be discharged into sanitary sewer (Shelby County).
- To be discharged into a dry well (an exterior hole filled with gravel)
- To be spilled on the roof and flow into gutters or roof drains serving a piped underground storm drain system
- To be spilled on the roof and flow into gutters or scuppers (and eventually flow onto grade (grass or sidewalks or pavement))

Among the numerous municipalities around Dallas, one can be found to require each of the options listed above

Little Rock says clear condensate must discharge into the storm drain, even if the condensate is generated by an AHU located inside the building (potentially requiring a separate condensate drain piping system inside the building).

If you get a project that's out of town, always check local code amendments (**and then call and ask.....their website may not be up to date**).

And remember, the AHU base rail and the RTU curb need to be tall enough to allow vertical clearance for the condensate trap (and also the height of the roof insulation in the case of RTUs).

We recently ran across an interesting installation. The RTUs were connected to an above-the-roof drainage system of galvanized pipe. It looked like this



Did Ya Know? (Cont'd)

The installation didn't work so well on another RTU on the same roof. The curb was too short, requiring a double penetration of the roof to accommodate the trap depth.....looks pretty bad.



Send me some interesting installations you've seen. We won't disclose the project or anything else you want to withhold.

Mike Bilderbeck
Government Affairs Chair