

CURRENT BOG

President: Max Graham Ph: 901.653.9955	Historian & Memorials: Evans Jack Ph: 901.324.6610
President Elect: Stephanie Cianciola Ph: 901.345.6100	Digital Communications: Patrick Silva Ph: 901.482.1382
Technology Transfer/Programs: Greg Brown Ph: 901.277.4457	Young Engineer Activities Chair: Wesley Dacus Ph: 901.229.6335
Membership Promotion: Meagan Garrett Ph: 901.631.0617	Student Activities: Jennings Thigpen Ph: 901.490.3344
Treasurer: Tom Bird Ph: 901.547.2500	K12/STEM: Stephanie Cianciola Ph: 901.345.6100
Research/Promotion: Robert Smith Ph: 225.620.5088	Government Affairs Chair: Mike Bilderbeck Ph: 901.734.5502
Secretary: Charlie Reifenberger Ph:	Nominating Committee: Casper Briggs Ph: 901.870.2246
Refrigeration: Ashley Shipley Ph: 901.337.6831	Mariel Meegan Ph: 901.384.8400
Honors & Awards: Jack Griffith Ph: 901.379.0500	Lionel Davis Ph: 901.713.1894
	Greg Brown Ph: 901.277.4457
	Max Graham Ph: 901.653.9955
	Community Outreach: Lionel Davis II Ph: 901.713.1894

Meeting Location:

Crosstown Concourse in the Church Health Community Room

Table of Contents:

Page Two – Sponsor the Chapter

Page Three – President’s Corner

Page Four – Chapter Meeting Topic/ Speaker Bio

Page Five – 2025 ASHRAE Winter Conference Promotion

Page Six – Did Ya Know?

2025 MEMPHIS ASHRAE CALENDAR AND ANNOUNCEMENTS

Chapter Meetings/Events

Tuesday, January 14th – Sustainable Design of Energy Efficient Lab Exhaust Systems, Sarah Leiner

Tuesday, February 25th - Load Calculations and Impact of Energy Codes, Nathan Kegel

Tuesday, March 11th - Self Sensing Pumps; Brett Zerba

Tuesday, April 8th - Humidification Tech for Hospitals & Critical Environments

Tuesday, May 13th – Dehumidification; David Schurk (DL)

Sponsor the Memphis Chapter of ASHRAE!

Memphis ASHRAE has a great way to for members to support our ASHRAE chapter and promote their business.

We are offering 2 tiers of support:

SPONSORS:

\$500 DONATION

You get:

- Name on Sponsors slide at EVERY chapter meeting for the year
- Name in EVERY monthly newsletter
- Special recognition at every chapter meeting

TOP SPONSORS:

\$1,000 DONATION

You get:

- Full presentation slide at EVERY chapter meeting for the year
- Full slide in EVERY newsletter
- Special recognition at every chapter meeting

SPONSORS

- Company Name
- Company 2 Name
- Company 3 Name
- Company 4 Name
- Company 5 Name
- Company 6 Name



The Memphis Chapter of ASHRAE thanks you for your support!

TOP SPONSOR

Your Company Name Here

- Company Motto
- Products
- Pictures
- Logo
- Contact Information



The Memphis Chapter of ASHRAE thanks you for your support!

Contact Max Graham (mgraham@asceco.com) to support your chapter today!

*All donations will go to the RP campaign and are TAX DEDUCTIBLE

*Sponsorship slides will be run before and after the speaker at every chapter meeting (virtual or in-person)

*RP chair will confirm final slide layout before presentation

President's Corner:

Happy New Year ASHRAE Memphis Members!

I hope you all enjoyed downtime with your families & made sure to load up on Ham, Greens, and Black-Eyed Peas New Years Day.

Looking Back

December's holiday party at The Majestic Grille was an awesome way to wrap up the year. It was great to see familiar faces, enjoy delicious food, and celebrate together. Thank you to everyone who joined us and helped make the evening a success.

January Chapter Meeting – January 14th

We're excited to kick off 2025 with our first chapter meeting on January 14th at Crosstown Concourse. Sarah Leiner with Strobic Air will be presenting on Sustainable Design of Energy Efficient Lab Exhaust Systems.

Free parking will be available in the garage.

We look forward to seeing you there!

New Membership Promotion Chair

Please join me in welcoming Meagan Garrett with Daikin as our new Membership Promotion Chair. Meagan brings fresh energy to this role, and we're excited to have her on board to help grow and support our chapter's membership.

Looking Ahead

As I begin the second half of my term as president, I want to thank you all for your continued support and involvement in ASHRAE Memphis. It's been a privilege to serve this chapter, I'm looking forward to what we can accomplish together in the months ahead.

Best regards,

Max Graham

President, ASHRAE Memphis 24-25

Chapter Meeting Topic:

Sustainable Design of Energy Efficient Lab Exhaust Systems



Speaker Bio:

Sarah Leiner is the Strobic Air North American Regional Sales Manager, based in Nashville, TN. With nearly 10 years of experience dedicated in the lab exhaust fan industry, Sarah has successfully managed key channel rep partnerships across the US & Canada, particularly in cities renowned for their critical lab exhaust system design expertise, including Boston and New York City. She specializes in delivering custom-engineered solutions that cater to the unique needs of laboratory customers while prioritizing sustainability and energy efficiency in every project. Sarah's experienced understanding behind the design of energy-efficient lab exhaust fan systems has enabled her to create long-lasting, sustainable solutions that reduce environmental impact. She holds an undergraduate degree from the University of Kentucky and, outside of work, enjoys singing in an old-school country band with a former UK basketball player!



2025 ASHRAE WINTER CONFERENCE

ORLANDO, FEB 8-12 | AHR EXPO, FEB 10-12



Join us in Orlando this February 8-12 for the 2025 ASHRAE Winter Conference and AHR Expo. Register for the conference to connect with peers and thought leaders, get inspired, and see the latest innovations at the AHR Expo.

[Register](#)

Register by Oct. 31 for the best rates!

Did Ya Know?:

The Units are Blowin in the Wind

We all know that RTUs and curb-mounted fans must be connected to the building for seismic restraint. That's accomplished for RTUs by buying seismic curbs that are attached to the building structure.

The RTUs are attached to the curbs with clips furnished by the RTU manufacturer.

My structural friend, Joe, tells me the "overturn" wind load on an RTU is often greater magnitude than the seismic load

Article 301.15 of the 2021 IMC says:

"Mechanical equipment, appliances and supports that are exposed to wind shall be designed and installed to resist the wind pressure determined in accordance with the International Building Code".

The Commentary goes on to say the requirements of the IBC are based on ASCE 7 (by the American Society of Civil Engineers), and the wind requirements are based on the exposure of the building and wind speeds based on the region.

Most places in the US have a design wind speed of at least 105 MPH.

I hadn't realized this was addressed by the IMC until I looked yesterday.

This is what happened to a 10,000+ lb. unit in Nashville a few years ago:



Please send me articles to publish (mbilderbeck@pickeringfirm.com)

Mike Bilderbeck
Government Affairs Chair