

September 2023 Newsletter

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Upcoming Dates:

- Chapter Meeting: October 11th
- Bluegrass ASHRAE Golf Tournament: October 13th
 - Registrations due by October 6th!

October Chapter Meeting

ASHRAE Standard 62.1 - Where have we been, where are we now and where are we going?

When: October 11, 12-1pm

Summary: Explanation of the evolution of Standard 62.1 including the newest modifications to ASHRAE Standard 62.1-2022. SSPC 62.1 had made major modifications to the standard over the last couple revision cycles. These include a new Natural Ventilation Rate Procedure, a new Indoor Air Quality Procedure and changes to the Ventilation Rate Procedure that will have major impact on the way



Presenter: Brian Hafendorfer, P.E. | Gray AE

Brian Hafendorfer is a licensed professional engineer with over 20 years of experience in commercial air conditioning, industrial refrigeration, and indoor air quality. Having spent time in the commercial HVAC manufacturing world, as well as the design-build construction industry, Brian has a well-rounded background in the design, development, manufacturing and application of HVAC systems and equipment as well as the hygienic design of Food & Beverage industrial manufacturing facilities. He has a passion for sustainability and is actively engaged in creating innovative solutions for customers that exceed their expectations.

As a Director of A/E Services, Brian leads a design studio by partnering with design managers and Revit technicians to develop, implement, and execute the design and construction administration phases of design-build projects. He facilitates the preparation of design proposal documents, leads the development of cost-effective solutions for major proposal offerings by partnering with engineering and architecture resources, provides accountability for design schedules and project budgets, and coordinates with project management and site management teams on the execution of projects throughout their life cycle.

Brian is an active member of ASHRAE having received the 2018 ASHRAE Chapter Service Award, the 2019 ASHRAE Distinguished Service Award and the 2021 Regional Award of Merit. He has served on multiple ASHRAE committees including SSPC 62.1 - Ventilation

Treatment, and as a voting member of TC 2.3 - Gaseous Air Contaminants and Gas Contaminant Removal Equipment and TRG4.IAQP - Indoor Air Quality Procedure Development. Brian is a former treasurer for Region VII and served as the advisory panel chair for ISO TC 142 Working Group 2 - UVC technology. Within the Bluegrass Chapter, he held various chapter chair and officer positions, ultimately progressing to Chapter President.

Brian has authored numerous publications and presented on various topics including sustainability, indoor air quality, coil design and application, advanced air handling systems, humidity control, ASHRAE standards, and air cleaning and filtration.

Where:

TES

680 Bizzell Drive

Lexington, KY 40510

Ticket Options (In Person Only):

Member - \$15

Non-Member - \$20

Student Member - FREE

[RSVP Here](#)

[Bluegrass ASHRAE Golf Tournament](#)



10th Annual Bluegrass ASHRAE Invitational Golf Outing

Open to public guests

Friday, October 13, 2023

Houston Oaks Golf Course

Register by October 6, 2023

100% of Proceeds to Benefit ASHRAE Research Promotion

Event Schedule:

8-9am breakfast, registration,
networking

- Sign-in & Registration
- Light breakfast and coffee
- Buy your mulligans, strings, skirts
- Driving range open

8:45am Announcements & Rules Review

9:00am Shotgun Start (scramble format)

- Cookout boxed lunch on course
- Beverages avail. to take out on course

~3:00pm Awards and door prizes

[Click here for more details](#)

Spotlight on BOG Series

Have you ever wondered what it takes to run an ASHRAE chapter? Have you ever considered getting more involved with ASHRAE, but weren't sure how to begin? Do you not even know what BOG stands for? Then this series is for you. In every newsletter this chapter year, a different committee will be highlighted to help our members learn what it takes to run the Bluegrass ASHRAE chapter, and who is behind the scenes. This month's issue features our Chapter Technology Transfer Committee!

Chapter Technology Transfer Chair – Laura Hollenbach

The Chapter Technology Transfer Committee (CTTC) is appointed by the President-Elect. The chair of this committee attends the CTTC workshop at CRC, and during the chapter year is responsible for receiving, coordinating, and disseminating technical information for the Chapter. The biggest responsibility of the CTTC is planning the

technical, non-commercialized topic to our members, keeping the chapter informed on technical issues related to the build environment and supporting continued education.

For more on the spotlight on BOG series, see last month's newsletter which contains an introduction to the series. You can also learn more about the CTTC by checking out the Manual for Chapter Operations (MCO)

<https://www.ashrae.org/file%20library/communities/chapters/ashrae%20chapters/2022-mco-manual---2023-jan-26.pdf>

Interested in getting more involved with our chapter? Reach out to any of our BOG members and learn how!

Research Promotion Update and Sponsorship Opportunity

Greetings all, and welcome to our 2023-2024 chapter year and associated RP (Research Promotion) campaign. Research Promotion is ASHRAE's annual drive to secure funding to support the research and development efforts organized by the many technical committees in ASHRAE. There are goals for RP funds raised at the chapter, region, and society level - we all play our part.

As we look to exceed our excellent RP performance from last year, we've decided to offer advertisement space on our newsletter each month - this will be similar to the advertisement space seen on many society level newsletters and updates.

Our newsletter is sent to more than 200 members and industry contacts throughout our membership area, with approximately 10 newsletters sent per year.

We will offer (2) banner ad locations for each newsletter, priced at \$50/ea per month. **100% of ad revenue will go directly to ASHRAE RP.** To purchase ad space, please contact Chapter RP Chair, David Rose, at c128@ashrae.net

Technical Features and Government Affairs News

Millions of Americans Deal with Extreme Heat in August, Schools Close and Dismiss Early

Over the past few weeks, schools across the nation have dismissed their students early or cancelled classes entirely as a heat dome that sat over the Midwest in late August and over the East Coast in early September has kept temperatures unseasonably high. High temperatures and poor ventilation in schools are associated with lower test scores and academic performance, higher absenteeism, and negative health outcomes for students. Subsequently, it is of great concern that a [U.S. Government Accountability Office study](#) from June 2020 found more than 36,000 schools need updates or replacements to their HVAC systems; [a study in 2021](#) from the Center for Climate Integrity found more than 13,700 K-12 public schools that didn't need cooling systems in 1970 will need them by 2025. [ASHRAE Standards](#) for ventilation and indoor air quality, thermal comfort, maintenance, and energy efficiency can all be part of the solution as state governments help improve the built environment for students.

California Becomes First State to Require Reduction of Embodied Carbon in Building Code

In August, California became the first state in the U.S. to include in its building code requirements for the reduction of embodied carbon emissions in design and construction. These requirements will apply to commercial buildings and schools. Embodied carbon refers to greenhouse gas emissions from building materials over the entire life cycle, including manufacturing, transportation, installation, maintenance, and disposal. The code changes will limit embodied carbon in building materials for the construction, remodel, or adaptive reuse of commercial buildings over 100,000 square feet, and school buildings over 50,000 square feet. Emissions from buildings currently account for approximately 40% of California's greenhouse gas emissions. These new code changes will become effective starting July 1, 2024.

September 2023 Digital Journal

In case you missed it - This month's issue of ASHRAE Journal includes topics such as designing safe and healthy school science

energy costs and carbon emissions.

[Click Here to Read the Journal](#)

ASHRAE Society Announcements

ASHRAE Jobs Board

Check out the [ASHRAE Jobs Board](#) for useful career tips and tools, relevant job postings in the industry, and to quickly find the right professionals for your open positions.



Follow Bluegrass ASHRAE!

Did you know that we are on LinkedIn and Facebook? Follow us here for the latest and greatest in Chapter and National news!



[Are You An Associate Who Wants to Advance to Member?](#)

**ASHRAE**

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**ASHRAE represents
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world a better
place to live.**



To advance from Associate to Member, you must update your ASHRAE bio online, and notify membership@ashrae.org that you have an updated bio and wish to be considered for grade advancement.

Steps for updating your biography:

1. Log into www.ashrae.org by selecting 'Join or Login' in the upper right corner. Enter your email address and password then select 'Sign In.'
2. Hover over the 'Membership & Conferences' tab and select 'My Membership.'
3. Under 'Manage Personal Information,' select 'Change Your Address/View or Edit Your Profile.'
4. Select the 'Edu. Pro. Reg' link located in the blue font above your name. Add all of your educational history, relevant professional licenses and work history.
5. Confirm that your contact information is current by clicking on 'Contact Info.'

Bluegrass ASHRAE

ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow's built environment today.

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