



# Giga-Joule

June 2023

## Meeting Announcement

### Meeting Presentation:

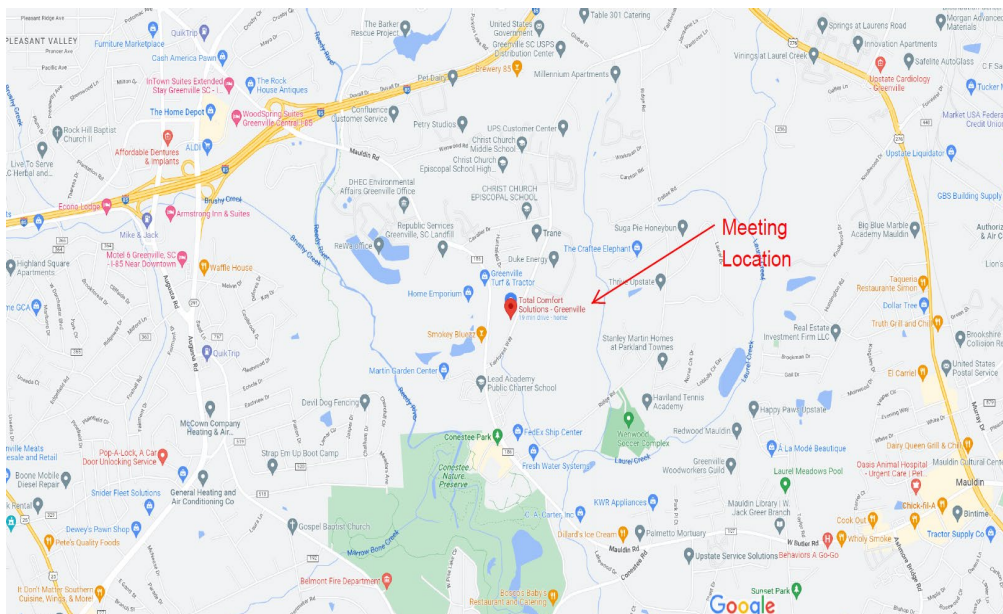
#### Emotional Intelligence

How to use EQ to become a better person professionally and personally.

The **Greenville Chapter meeting** will be held on **Tuesday, June 13, 2023, at 11:50 AM**. Registration will begin at 11:30. You can register on line at [ashrae4greenville.com](http://ashrae4greenville.com).

### \*\*\*\*\* MEETING LOCATION \*\*\*\*\*

Total Comfort Solutions – 460 Fairforest Way, Greenville, SC 29607



## *A Message from the President*

Thank you all for a great year in ASHRAE! Our Chapter Officers have worked hard to get you high quality programs and events for the year. Thank you for all your support and participation. Please give our incoming President for next year, Matthew Lewis, all your support for next year.



We are looking forward to closing out the year strong with a twist. This month we will dial up a “Tech Hour” presentation direct from ASHRAE on Emotional Intelligence.

If there is something that we as a ASHRAE Greenville Chapter Board can do to enhance our service of Chapter Members, please do not hesitate to reach out to me or another board member (see list of board contacts & areas of service on page 4). Please also know that we are always actively looking for those that would like to volunteer to serve on the board and help steer our future direction.

We hope to see you (virtually or in person) for this month’s meeting!

*Bill Knight*

[bknight@greenville.k12.sc.us](mailto:bknight@greenville.k12.sc.us)

864-355-7792

## *Chapter Technology Transfer Committee Tigue Garick*



Ladies & Gentlemen,

Our chapter technology transfer committee would like to welcome you to the new year in ASHRAE. We have a great slate of programs for you this year. We will be trying Mike & Jeff’s BBQ for our meals. As always, *we are looking for meeting speakers and sponsors* as well as volunteers to serve on the BOG and our many committees. Please don’t hesitate to reach out to either of us with meeting ideas as well as any questions or concerns. Thank you in advance for your support of our chapter, and we look forward to seeing you next week!



# ASHRAE TECHNOLOGY AWARDS 2022/23 – CALL FOR NOMINATIONS!

The ASHRAE Greenville Chapter Technology Transfer Committee (CTTC) is now accepting nominations for Technology Awards. Have you or your organization done something sensational and deserve recognition? Start your application now to begin reaping the benefits of recognition by your peers and ASHRAE. There are six (6) different categories for entry. Details can be found at <https://www.ashrae.org/membership/honors-and-awards/technology-awards-program-overview> .

If you have any questions please contact Tigie Garick at [tigueg@jmpco.com](mailto:tigueg@jmpco.com) or (864)232-0200.

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**Need a Job? Looking for a good candidate?**

Check out the new ASHAE Job Board at <https://jobs.ashrae.org/>

The Office of State Engineer (OSE), the AHJ for State Agency Construction projects is looking for a Mechanical Engineer. Follow the link for the information:

<https://www.governmentjobs.com/careers/sc/jobs/4008076/project-manager-mechanical-engineer-60018588?keywords=project%20management&pagetype=jobOpportunitiesJobs>

Or – feel free to contact Fred Walker until June 15:



**Fred Walker, PE | Project Manager | Division of Procurement Services/Office of State Engineer  
State Fiscal Accountability Authority**

**Physical: Greenville Technical College, Benson Campus | 2522 Locust Hill Rd. | Taylors, SC 29687  
U.S. Mail: Greenville Technical College, Benson Campus | P.O. Box 5616 Mailstop 3011 | Greenville SC 29606  
Phone: (864) 250-3020, Cell: (864)293-6979 | [fwalker@mmo.sc.gov](mailto:fwalker@mmo.sc.gov)**


After that date, the best person to contact would be Margaret Jordan, PE at (803)737-0773, [mjordan@mmo.sc.gov](mailto:mjordan@mmo.sc.gov) .

## ASHRAE

### ASHRAE FACTSHEET


**MISSION:**  
To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

**VISION:**  
A healthy and sustainable built environment for all.



Updated December of 2021  
ashrae.org/about/government-affairs


#### MEMBERSHIP



MEMBERS IN **199 CHAPTERS** ACROSS **136 COUNTRIES** **450** STUDENT BRANCHES WORLDWIDE


#### SOCIETY OVERVIEW

- 50,000+** MEMBERS
- 200+** STANDARDS AND GUIDELINES
- 100+** TECHNICAL COMMITTEES
- 200+** PUBLICATIONS AVAILABLE
- 60+** YEARS OF RESEARCH
  - OVER \$80 MILLION IN FUNDING
  - OVER 900 RESEARCH PROJECTS SUPPORTED



#### PROFESSIONAL DEVELOPMENT, EDUCATION AND CERTIFICATION

**PROFESSIONAL CERTIFICATIONS**



**ONLINE COURSES**

**INSTRUCTOR-LED TRAINING**

**221** COURSE INVENTORY

**SATISFIED GOVERNMENT CUSTOMERS**

- U.S. ARMY CORPS OF ENGINEERS;
- GSA; U.S. MARINES; SANDIA NATIONAL LABORATORIES, AND MORE!

#### PUBLIC POLICY PRIORITIES

- Support Sustainable Building Practices to Mitigate Climate Change
- Promote Healthy Buildings and Reduce Indoor Environmental Risks
- Ensure the Orderly and Safe Phasedown of High-GWP HFC Refrigerants
- Advance Design and Construction of Resilient Buildings and Communities
- Strengthen and Increase Diversity in the HVACR Workforce
- Support Adoption of the Latest Edition of ASHRAE's Energy Standards into Building Codes

#### EXPERTISE

**ENERGY EFFICIENCY**

**RESILIENCY**

**REFRIGERATION**

**DECARBONIZATION**

**HEALTHY BUILDINGS/IEQ**

To find a technical expert in your state or district please contact [GovAffairs@ashrae.org](mailto:GovAffairs@ashrae.org)

#### WIDELY-USED STANDARDS

- **Standard 90.1** - Energy Standard for Buildings Except Low-Rise Residential Buildings
- **Standard 90.2** - Energy-Efficient Design of Low-Rise Residential Buildings
- **Standard 90.4** - Energy Standard for Data Centers
- **Standard 188** - Legionella: Risk Management Requirements for Building Water Systems
- **Standards 62.1 & 62.2** - Ventilation for Acceptable Indoor Air Quality
- International Green Construction Code (IgCC), **Powered by Standard 189.1**
- **Standard 55** - Thermal Environmental Conditions for Human Occupancy
- **Standard 15 & 34** - Safety Standard for Refrigeration Systems; Designation and Safety Classification of Refrigerants
- **ANSI/ASHRAE/ASHE Standard 170** - Ventilation of Health Care Facilities
- **Standard 228P**, Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance
- **6PG 44P**, Protecting Building Occupants From Smoke During Wildfire and Prescribed Burn Events

#### RESEARCH AND SCHOLARSHIPS

**\$168,771**  
RAISED FOR ASHRAE'S COVID-19 EFFORTS

**\$13.1M\*** TOTAL CASH RAISED

**\$2.3M**  
RP CAMPAIGN TOTAL  
(Research, IEQ, AIJ, Scholarships, Grants)

**\$356,000**  
RAISED IN NEW SCHOLARSHIP ENDOWMENTS

**\$1.7M**  
RAISED FOR RESEARCH ONLY

**\$227,000**  
AWARDED THROUGH **60** SCHOLARSHIPS

\*Includes \$10.4M in cash raised for new global headquarters

# ASHRAE Greenville Chapter Board

Chapter President	Bill Knight
Chapter President Elect	Matthew Lewis
Chapter Vice President	Brandon Guy
Chapter Secretary	Jeremy Butdorf
Chapter Treasurer	Ryan Tonnsen
Chapter Board of Governors	Devon Cortright
Chapter Board of Governors	Karl Counts
Chapter Board of Governors	Tigue Garick
Chapter Communications Chair	Matthew Lewis
Chapter Technology Transfer Chair	Tigue Garick
Chapter Membership Promotion Chair	Brandon Dillard
Chapter Research Promotion Chair	Joe Holman
Chapter Student Activities Chair	Matt Lewis/Brandon Guy
Chapter Grassroots Government Activities Chair	Rodney Hinton
Chapter Historian	Brandon Guy
Chapter Honors and Awards	Devon D Cortright
Chapter Webmaster	Karl F Counts
YEA Chair	Matthew Lewis



## Event Dates for 2022-2023

Date	Topic	Special Emphasis	Location	Presenter
Tuesday 09/13/2022	Direct Fired Heating		Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Cambridge Spencer Jerome
Tuesday 10/11/2022	SC Building Codes Update	Research Promotion	Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Delisa Clark
Tuesday 11/08/2022	VRF & Hydronic Systems Comparison	Joint Meeting / MCA	Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Xylem Kyle Delpiano
Tuesday 12/13/2022	Wind and Seismic Restraint	Membership Promotion	Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Kinetics Lee Chiddention
Tuesday 01/10/2023	TBD		Total Comfort Solutions 406 Fairforest Way, Greenville, SC	
Tuesday 02/14/2023	SC Air Legal Update and Air Pollution Case Studies		Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Gene C. McCall
Tuesday 03/14/2023	Hydronic Systems & Decarbonization	ASH-BASH	Brewery 85 Greenville, SC	Chris Edmondson
Tuesday 04/11/2023	Green Industrial Design		Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Chuck Gullede
Tuesday 05/09/2023	Std. 185.3		Total Comfort Solutions 406 Fairforest Way, Greenville, SC	Jim Reidenhour
Tuesday 06/13/2023	Updates		Total Comfort Solutions 406 Fairforest Way, Greenville, SC	