

**Chapter Website**

[www.ashraetnvalley.org](http://www.ashraetnvalley.org)

**2023-2024 Chapter Officers**

**President**

Alex Ramsey 423-364-2307

**President-Elect**

**Vice-President**

Chris Azar

**Treasurer**

[Logan O'Dell](#) 423-827-3185

**Secretary**

[Carolyn Ritchie](#) 423-752-3438

**Communications Chair**

[Kay Thrasher](#) 423-855-1184

**Research Promotion Chair**

[Tommy McMasters](#) 423-493-7530

**Historian**

[Scott Harrington](#) 865-583-9309

**Student Activities**

**Membership**

Hailey Mick

**Grassroots Gov. Affairs**

[Scott McKenzie](#) 423-664-1492

**Young Engineers in ASHRAE (YEA)**

**Webmaster**

[Kay Thrasher](#) 423-280-9815

**Chapter Administration**

Tommy McMasters 423-493-7530

**Chapter Administration**

Jan Jennings

**ADDITIONAL BOARD OF GOVERNORS  
(Outside of Officers Listed Above)**

David Dinse 706-820-0711

Hailey Mick

Dillon Grider

Luke Shattuck

BOG meetings are typically held on the 3<sup>rd</sup> Wednesday, 12:30-1:30 pm at Common Table

**\*IN PERSON\* MEETING NOTICE**

**Date: Wednesday, March 06, 2024**

**Time: 11:30 a.m. Lunch served & Chapter Announcements**

**Place: [Mountain City Club](#), 729 Chestnut St., Chattanooga**

**Cost: \$20 if you're not on the meal plan**

**\$10 for ASHRAE student members (must be a member)**

Now accepting credit cards via smart phone app or online via PayPal

**Menu: Vegetarian or low carb meals must be requested early**

**Reservations: RSVP no later than 4:00pm Tuesday 3/5 via an Email to Logan O'Dell at [LoganO@jmpco.com](mailto:LoganO@jmpco.com) or call 423-827-3185**

**Chris Edmondson**

**Why Hydronic Systems for Decarbonization and Low EUI**

This month's chapter program will give us the opportunity to learn about why hydronic systems can be used for decarbonization and Low EUI

We will have the following learning objectives:

- At a high level to understand the key factors driving future buildings decarbonization and the electrification of building HVAC design
- Why a low site EUI (Energy Use Intensity) building design will become mandatory
- Why BPS (Building performance standards)
- Why hydronic heating and cooling with storage is desirable
- Why air and water source heat pumps with high COPs for cooling, heating and domestic water will be come the standard go to system to reduce Source EUI

Chris Edmondson received his B.S. Degree in Mechanical Engineering from North Carolina State University in 1967. During his summers, he worked at Barber Coleman and Jay Johnson Controls. After graduation, he spent four and as a salesman with the Trane Company. In 1971, he came to work for the James M. Pleasants Co., Inc. (Manufacturer's Representative for Xylem) He worked as an Outside Salesman until 1978, when he was promoted to Vice President and Sales Manager till 1987. From 1987 to 2010, he has served as President of the Pleasants Company. Chris is currently CEO of James M. Pleasants Company.

Chris has served many years in the ASHRAE organization, holding positions such as Secretary/Treasurer, Vice President and President of the Piedmont Chapter. For the fiscal year, 1985-86, Chris received the Rudy Ferguson Memorial Award (Presidential Award of Excellence). In 1985, he became a Technical Speaker to various ASHRAE chapters which continued through 2023. He spoke at many ASHRAE's CRC meetings as a Technical Speaker. He held the position of Educational Activities Vice Chairman for Region IV from 1992 to 1994. In 1995 he was the Chapter Program Chairman for Region IV. He has served as Region IV DRC and on the ASHRAE Board of Directors. He is a retired Distinguished Lecturer for ASHRAE and has

ASHRAE Government Affairs – Updates -  
<http://www.ashrae.org/advocacy>

**Local Groups of Interest:**

[Green Spaces Chattanooga](#)

[Chattanooga Engineers Club](#)

[Chattanooga - American Institute of Architects](#)

[Tennessee Board of Architectural and Engineering Examiners](#)

[Geothermal Heat Pump Consortium](#)

[Chattanooga Engineers Week](#)

## Membership Notes

served on the nominating committee. During 1980 through 2023, he has presented seminars to various engineers on the following subjects:

- Basic Primary/Secondary Variable Volume Pumping
- Chiller Plant Piping
- Air Control Systems
- Plumbing Piping Systems
- Cooling Tower Piping
- Basic Steam Piping
- Condensate Return Systems
- Hot Water Recirculation
- Balance of Hydronic Systems

His principal areas of interest are energy savings, primary/secondary variable volume systems, heat transfer, hydronic systems, plumbing piping systems and central chilled water plant design.

Professional Development Certificates (1 hour) will be provided after the webinar. The webinar should conclude by 1 pm.

### **ANNOUNCEMENTS:**

- ***Golf Tournament Flyer has been sent with Meeting Announcement. Be sure to sign up a team!***
- ***Buy your \$10.00 Raffle Ticket at the next three meetings for a chance to win an Milwaukee M18 kit valued at \$1800.00. Winner will be picked at golf tournament (attendance not required).***
- ***ASHRAE President Ginger Scroggins will be visiting Chattanooga. Be on the lookout for more information for a social gathering on the evening of March 28th***
- ***Interested in sponsoring a meeting? Please reach out to Kay Thrasher or Alex Ramsey for more information!***
- We are always looking for more great ideas of programs and speakers. Please feel free to suggest any topics you would like to learn about

### **2023-24 Chapter Programs**

Good programs are what make the Chapter meetings a success. Last year your participation (attendance) was great. It is directly attributable to the quality of programs. Input is continually needed from everyone (both members and non-members) for topics (and potential presenters) that are of interest. Efforts will be made to address all needs (residential, commercial, nuclear, renewable, etc.), so do not be ashamed to ask.

Contact [Kay Thrasher](#) or any current Board member with suggestions.

<b>2023-24 Meeting Dates</b>	<b>Topic</b>
09/06/2023	Engineering Roundtable
10/04/2023	Heat Pump Design
11/01/2023	Load Calculation Methods
12/06/2023	Decarbonization Update
01/03/2024	Humidification
02/07/2024	ASHRAE Standard 15 – A review and update
03/06/2024	Part 2 Decarbonization
04/03/2024	TVA PPN Program
05/01/2024	Refrigerant Update
5/30/2024	Golf Tournament Fundraiser