

Chapter Website

www.ashraetnvalley.org

2021-2022 Chapter Officers

President

[Joe Runyon](#) 423-285-2556

President-Elect

Alex Ramsey 423-488-0376

Vice-President

Jan Jennings 615-330-7923

Treasurer

[Patricia King](#) 423-619-8001

Secretary

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

Technology Transfer

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

Research Promotion Chair

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

Historian

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

Student Activities

[Stan Atherton](#) 423-645-7464

Membership

[Vacant](#)

Grassroots Gov. Affairs

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

Young Engineers in ASHRAE (YEA)

[Stan Atherton](#) 423-645-7464

Webmaster

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

Chapter Administration

Tommy McMasters 423-493-7530

Chapter Administration

[John Richardson](#) 423-413-6062

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

David Dinse 706-820-0711

Jac Cooper 423-280-8361

BOG meetings are typically held on the 3rd Monday, 12:30-1:30 pm at Café 58 (Calvary Chapel on Broad St.)

***IN PERSON* MEETING NOTICE**

Date: Wednesday, October 06, 2021

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 10/5 via an Email to [Tricia King](#), tking@cornerstone-automation.com or call 423-619-8001

Chris Muller

**Improving
Building IAQ
Reduces HVAC
Energy Cost**

This month's chapter program will give us the opportunity to learn more about improving building IAQ to reduce HVAC energy costs.

An important challenge facing today's engineers is how to achieve acceptable IAQ while minimizing a building's energy consumption. Historically, IAQ has suffered at the expense of energy conservation. However, in today's indoor air conscious environment, with its serious economic ramifications, this one-sided trade-off is no longer acceptable. Fortunately, ventilation standards, mechanical codes, and air cleaning technologies have evolved to the point that the engineer has a viable means of providing a healthy, comfortable indoor air environment while continuing to conserve energy. Options of applying filtration for code compliance and energy conservation will be discussed.

Chris Muller is recognized as a world-wide authority on the topics of indoor/environmental air quality, the application and use of gas-phase air filtration, filtration and enhanced air cleaning, corrosion control and monitoring, and electronic equipment reliability. Written and spoken extensively on these and related topics with more than 175 articles and peer-reviewed papers, more than 100 seminars, and 8 handbooks. Contributed to chapters in two handbooks on the application and use of gas-phase air filtration, wrote the chapter on contamination control in the ASHRAE Datacom Series Handbook – Particulate and Gaseous Contamination in Datacom Environments, wrote a chapter on gas-phase air filtration in the NAFA Air Filtration Handbook, a chapter on airborne molecular contamination in the Semiconductor Manufacturing Handbook, 2nd Ed. published by McGraw-Hill, and on Contamination Control in the upcoming Data Center Handbook edited by Hwaiyu Geng.

Designated as an ASHRAE Distinguished Lecturer and is a frequent speaker at ASHRAE Chapter and Regional meetings both domestically and abroad and received ASHRAE's Distinguished Service Award. Co-authored ASHRAE's Position Document on Filtration and Air Cleaning,

[ASHRAE Government Affairs – Updates - http://www.ashrae.org/advocacy](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

ASHRAE IAQ Guideline, and ASHRAE Guideline 42P: Indoor Air Quality in Commercial and Institutional Buildings.

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

ANNOUNCEMENTS:

- 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

2021-22 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.

2021-22 Meeting Dates	Topic
09/08/2021	Manual or Automatic Balance of Hydronic Systems
10/06/2021	Improving Building IAQ
11/03/2021	
12/01/2021	
01/05/2022	
02/02/2022	
03/02/2022	
04/06/2022	
05/04/2022	
TBD	Golf Tournament Fundraiser