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THERMOGRAM

November 2022
Volume LV Issue 03

Main: Your Ethics Tool Box: Building A Framework For Ethical Decision-Making With Case Studies

Tech: Valves, Actuators, & Dampers: 101

ASHRAE November 3rd Meeting:

Lunch Virtual Meeting:
Tech Session (GoToMeeting) 12:00—1:30pm

Main Meeting at Engineer's Club:
Network Hour (ESB): 5:00 pm—6:30 pm
Dinner (ESB): 6:30 pm—7:00 pm
Main Speaker (ESB): 7:00 pm—8:15 pm

Tech Session (Virtual—GoToMeeting)

Valves, Actuators, & Dampers: 101

Speaker: Jesse Blum, Controls Systems Engineering Leader, Johnson Controls

This presentation will be an overview of the most common types of valves, actuators, and dampers used in HVAC design. We will review applications, pitfalls, and best practices around designing and specifying valves & dampers.

Main Presentation (Engineer's Club)

Your Ethics Tool Box: Building A Framework For Ethical Decision-Making With Case Studies

ASHRAE members are often confronted with ethical issues (whether they realize it or not). Engage in an interactive session where participants are presented with multiple ethics cases, discuss the cases in small groups, and then reveal their decisions. Test your "Ethics IQ" against real cases adjudicated by NSPE.

Speaker: Jen Leach, BR+A

Ms. Leach is a registered engineer, specializing in the design of HVAC systems for healthcare facilities. In her spare time, Jennifer is an active volunteer for ASHRAE. At the Chapter level Jennifer has served in many committee chair positions and spent seven years on the Board, including Chapter President in 07-08. At the Society level Ms. Leach is currently serving on the Nominating Committee, TC1.7 Business Management and Legal Education, SSPC 170 Ventilation of Healthcare Facilities and TC6.1 Hydronics and Steam. Jennifer's passion is the recruitment and retention of women in the AEC industry. She worked locally to establish the Women in ASHRAE affinity group and followed up by spearheading the initiative for the global Society. Jennifer takes every opportunity to empower women through mentoring and inspires girls to "be what they see" as a confident role model.

The November main meeting will be at the Engineer's Club.
The Tech Session will be virtual over lunch.

In alignment with the "Green Trends" of ASHRAE, we have eliminated the paper copies of the Membership Roster. An electronic copy is available, upon request.



2022-2023 Chapter Leadership Roster

Board of Governors

President P:410.746.4168	Nancy Neely president@ashrae-balto.org Johnson Controls, Inc.
President-Elect P:443.224.1594	Theresa Schroeder treasurer@ashrae-balto.org Whitman Requardt
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Governor/Past-President P:410.316.2485	Sam Philipp pastpresident@ashrae-balto.org JMT

Committee Chairs

Attendance/Recpt. P:410.864.1046	Luis Belisario reservations@ashrae-balto.org Whitman Requardt
Attendance/Recpt. P:410.320.5554	Elyas Khan reservations@ashrae-balto.org Johnson Controls, Inc.
Christmas Party P:410.527.2612	Wade Myers Christmas@ashrae-balto.org JMT
Chapter Programs P:443.224.1594	Theresa Schroeder programs@ashrae-balto.org Whitman Requardt
CTA (Tech Awards) P:443.224.1594	Theresa Schroeder cta@ashrae-balto.org Whitman Requardt
CTTC (Programs) P:443.224.1594	Theresa Schroeder cttc@ashrae-balto.org Whitman Requardt
Engineers Week P:410.312.4761	Robert Broczkowski engweek@ashrae-balto.org ETC
Government Affairs P:301.204.5358	Tyler Brown gga@ashrae-balto.org ATS
Golf Outing P:443.561.1650	Tyler Lee golf@ashrae-balto.org Chesapeake Systems
Historian P:443.467.5537	Hailey Brennan historian@ashrae-balto.org Spectrum Energy
Historian P:443.695.5759	Jennifer Leach historian@ashrae-balto.org BR+A
Membership P:443.878.8319	Rich Girard membership@ashrae-balto.org RMF
Membership P:717.578.7014	Ben Joel membership@ashrae-balto.org WSP
Refrigeration P:410-403-2200	Jon Olmstead refrigeration@ashrae-balto.org Trane
Research Promotion P:410.579.8100	Michael Poe research@ashrae-balto.org WSP
Research Promotion P:410.790.7182	Joe Petty research@ashrae-balto.org ATS
Scholarship P:410.312.4761	Robert Broczkowski scholarship@ashrae-balto.org ETC
Student Activities P:443.561.1652	Nick Spicher studentacts@ashrae-balto.org Chesapeake Systems
Thermogram P:410.381.7655	Kelly Brennan newsletter@ashrae-balto.org Schneider Electric
Young Engineers P:443.463.3010	Matt Francis yea@ashrae-balto.org ATS
Young Engineers P:410.247.7901	Matt Hart yea@ashrae-balto.org ATS
Web Technician P:443.686.2036	Vikas Kirin ashtech@ashrae-balto.org Prime AE
Diversity in ASHRAE P:	Open wie@ashrae-balto.org
Diversity in ASHRAE P:443.839.2590	Patrick Harrilal wie@ashrae-balto.org JMT

President's Pen

Fall is in full swing and so is our new ASHRAE year! We're looking forward to seeing everyone back at the Engineer's Club in November for a great meeting with our new format. We'll be hosting a tech session over lunch with a main dinner meeting at the club in the evening.

November will also serve as a Membership Promotion meeting. ASHRAE membership is crucial to not only our Chapter's success, but the overall ASHRAE organization at large. The chapter leadership appreciates our individual members as well as the many companies that are involved locally and support their employees becoming members of ASHRAE. If you aren't already a member of ASHRAE, please consider becoming one today! More information on the benefits of ASHRAE membership can be found at ashrae.org/membership.

Nancy Neely



ASHRAE Baltimore Chapter President, 2022-2023



Meeting Schedule

Please mark your calendar with the following dates for the 2022 through 2023 Baltimore Chapter meetings. A complete schedule indicating seminar, technical session and main meeting topics will be published in the coming month's Thermogram and is also available on the chapter website, www.ashrae-balto.org.

ASHRAE Baltimore Programs 2022-2023		
Meeting Date	Topics/Speakers	Location
September 8, 2022	12:00 PM - Main Meeting: Hot Water Solutions 5:30 PM - Summer Social at Tiki Lee's Dock Bar	Main Meeting - Virtual Summer Social - Tiki Lee's
October 6, 2022 Research Promotion Night	12:00 PM - Tech Session: Heat Exchanger Sizing & Selection 5:30 PM - Main Session: Maryland's Climate Solutions Now! Act	ESB
November 3, 2022 Membership Promotion Night	12:00 PM - Tech Session: Valves, Actuators & Dampers: 101 5:30 PM - Main Session: Ethics Case Studies	ESB
December 2, 2022	72nd Annual Christmas Party	Timonium Fairgrounds, 4H Building
January 5, 2023	12:00 PM - Tech Session: Heat Pump Water Heating for Commercial Domestic Hot Water Applications 5:30 PM - Main Session: TBD	ESB
February 2, 2023	12:00 PM - Tech Session: Refrigerant Update 5:30 PM - Main Session: Refrigeration Tour	TBD
March 2, 2023 Membership Promotion Night	12:00 PM - Tech Session: New ASHRAE Guidelines for High-Sensible Spaces 5:30 PM - Main Session: Updates to ASHRAE 62.1 in 2022	ESB
April 6, 2023 Former Presidents' Night Research Promotion	12:00 PM - Tech Session: TBD 5:30 PM - Main Session: TBD	ESB
May 4, 2023 Student Night	12:00 PM - Tech Session: TBD 5:30 PM - Main Session: TBD	TBD
June 2023	Golf Outing	TBD

Thank you to our 2022-23 Sponsors!

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YEA Fall Event Information



• **ASHRAE BALTIMORE YEA** •



OLD LINE SPIRITS

Thursday October, 20th

Starts 5:30 pm
Ends 8:30 pm

200 S JANNEY ST. BALTIMORE, MD 21224

Please RSVP Via The Google Doc

Networking Event

Distillery & Tour

Games

ASHRAE Baltimore Chapter

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2022 ASHRAE Research Promotion 1st Annual Golf Skills Competition!

Come put your golf skills to the test to be crowned ASHRAE RP's 2022 Golf Champion! Events will include putting, long drive, and closest to the pin. Long drive and closest to the pin competitions will be held in an indoor Trackman simulator bay. Prizes will be awarded for each event, with a grand prize for the overall winner! All proceeds will benefit ASHRAE RP.

Food and drink will be provided.

<u>Date / Time</u>	<u>Cost</u>	<u>Sponsorships</u>	<u>Location</u>
11/18/2022 Afternoon / Evening	\$40 / Person \$150 / Foursome <small>*100% of registration fee will be counted as a donation to ASHRAE RP</small>	Food: \$300 Drinks: \$250 Prizes: \$200	Advanced Thermal Solutions 601 N. Hammonds Ferry Rd, Ste F-J Unithicum, MD 21090

VISIT <https://ashrae-balto.org/meet-reg1.php?id=89> TO REGISTER TODAY!
Please reach out with any questions to Mike Poe or Joe Petty at research@ashrae-balto.org

Christmas Party Tickets Now on Sale!

ASHRAE Baltimore's
72nd Annual

CHRISTMAS PARTY

2
DEC

5:00 PM -
9:00 PM

Tickets on sale now! First come, first served,
so get yours before they sell out!

Credit card payments preferred. Checks accepted.

If buying online and paying by check select
"Bypass Payment" and mail your payment to:

Kevin Lindemann
c/o Chesapeake Systems
7400 Coca-Cola Drive
Hanover, MD 21076

FREE DRINKS | FREE FOOD | GAMES
\$65/PERSON | \$650 FOR A TABLE OF 10

4H Building, MD State Fairgrounds, Timonium, MD
www.ashrae-balto.org/christmas

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Baltimore is hosting the annual Chapter Regional Conference in August and we're looking for volunteers!

Region III CRC
Baltimore August 2023



We're looking for volunteers!

The Baltimore Ashrae Chapter would not be such a success without a team of dedicated volunteers supporting our mission. Join us!



bwatkins@cummins-wagner.com

Please contact Brad Watkins for more information.
Committee and Chair positions available!

Consider Applying for a Chapter Technology Award!

Do you have an innovative project that has been in operation for 1 year? Consider applying for a Baltimore Chapter Technology Award! The deadline is May 1st, 2022.

This program is a **fantastic marketing opportunity** and helps to showcase the innovative work in our Chapter. Chapter level winners are automatically submitted for Regional level consideration. Regional winners can then apply for a Society-level award!

Additional information is available on the CTA page: <https://ashrae-balto.org/CTA>

The ASHRAE Technology Awards program:

- Recognizes ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data
- Communicates innovative systems designs to other ASHRAE members
- Highlights technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners...

Each year the Society may present awards in six categories: **Commercial Buildings** (New, Existing, Existing Building Commissioning); **Institutional Buildings** (New, Existing, Existing Building Commissioning) **Health Care Facilities** (New, Existing, Existing Building Commissioning); **Industrial Facilities or Processes** (New, Existing, Existing Building Commissioning); **Public Assembly** (New, Existing, Existing Building Commissioning); **Residential**

TO: BALTIMORE CHAPTER, ASHRAE
EMAIL: reservations@ashrae-balto.org



YES! I will attend the Baltimore Chapter Meeting on Thursday, November 3rd.

Reservations: We are encouraging members to make reservations on our website, www.ashrae-balto.org.

Reservations for the full meeting include the 12:00PM main presentation via GoToMeeting and the 5:00 PM Dinner Meeting at the ESB.

Reservations for the virtual/main presentation only are available for \$10.

If you are planning to attend, please RSVP to the website or write to reservations@ashrae-balto.org indicating name(s) and membership status (member or guest) Please be sure to also include "ASHRAE Meeting" in the subject matter line.

Deadline for reservations and cancellations: November 2nd - NOON reservations required to guarantee in-person accommodations.