



MARCH- VOLUME LVIII ISSUE 06

# THERMOGRAM

**Thursday, April 2, 2026**

**Virtual Lunch Meeting:**

Tech Session (Webex): 12:00-1:30 PM

**Tech Session: Domestic Hot Water Heat Pumps**

**Speaker: Chris Ebener, Nyle Water Heater Systems**

This presentation covers the essentials of safe and efficient combustion

1. Plumbing Design of CHPWH Systems
2. Sizing for storage and real world usage patterns
3. High Temperature Boiler Replacement in Space Heating
4. Challenges & Solutions of Retrofit
5. Tax Credits and Funding Strategies for High Efficiency Water Heating
6. Practical Active Heat Recovery with Examples Meeting

**Main meeting: Framework for Repositioning Existing Buildings to Achieve Sustainability Benefits**

**Speaker: Jesse Fisher, PE, CPD | WB Engineers+Consultants**

This discussion is a case study of a systemic renovation for a 100,000 square foot existing building into a net zero carbon emissions building. We'll be looking at the owner design requirements, the existing conditions, and the MEP solutions to meet the owner requirements while talking about some trade-offs and inflection points in the design process.

**Main Dinner Meeting:**

Networking Hour (ESB): 5:00-6:30 PM

Dinner (ESB): 6:30-7:00 PM

Main Speaker: 7:00-8:15 PM

## 2025-2026 Chapter Leadership Roster

### Board of Governors

	President	president@ashrae-balto.org, P: 443.789.0188		Governor/Asst. Secretary	asstsecretary@ashrae-balto.org, P: 410.302.1280
	Kaylee Haupt	Carroll County		Mike Poe	Legacy Engineering
	President-Elect	vp@ashrae-balto.org, P: 410.316.2263		Governor	gov2@ashrae-balto.org, P: 240.542.5582
	Simona Georgiev	JMT		Tim Scheck	Cummins-Wagner
	Treasurer	treasurer@ashrae-balto.org, P: 410.316.2263		Senior Advisor	senioradvisor@ashrae-balt.org, P: 410.746.4168
	Rob Broczkowski	ETC		Nancy Neely	Johnson Controls
	Secretary	secretary@ashrae-balto.org, P: 410.807.8279		Past President	pastpresident@ashrae-balto.org, P: 410.790.7854
	Luis Belisario	Prime AE		Kevin Lindemann	Chesapeake Systems

### Committee Chairs

Attendance/Recpt. Co-Chair: Vikas Kiran, PrimeAE reservations@ashrae-balto.org	Government Affairs: Tyler Brown, ATS gga@ashrae-balto.org	Research Promotion Co-Chair: Kevin Ricart, SmithGroup research@ashrae-balto.org
Attendance/Recpt. Co-Chair: Eric Almon, DMR reservations@ashrae-balto.org	Golf Outing: Tyler Lee, Chesapeake Systems golf@ashrae-balto.org	Scholarships: Hailey Brennan, Spectrum Energy scholarship@ashrae-balto.org
Christmas Party: Wade Myers, JMT christmas@ashrae-balto.org	Historian: Abe Undieh Chesapeake Systems historian@ashrae-balto.org	Student Activities: Abe Undieh Chesapeake Systems studentacts@ashrae-balto.org
Chapter Programs: Simona Georgiev, JMT programs@ashrae-balto.org	Historian Co-Chair: TBD historian@ashrae-balto.org	Thermogram: Kaylee Haupt, Carroll County Chesapeake Systems newsletter@ashrae-balto.org
CTA (Tech Awards): Simona Georgiev, JMT cta@ashrae-balto.org	Membership: Ben Joel, WSP membership@ashrae-balto.org	Young Engineers Chair: Nancy Neely, JCI yea@ashrae-balto.org
Diversity in ASHRAE Co-Chair: Jenn Leach, BR+A dia@ashrae-balto.org	Membership Co-Chair: Elyas Khan, JCI membership@ashrae-balto.org	Young Engineers Co-Chair: Elyas Khan, JCI yea@ashrae-balto.org
DIA Co-Chair: Terry Schroeder, WRA dia@ashrae-balto.org	Refrigeration: Jon Olmstead, Hobbs & Associates refrigeration@ashrae-balto.org	Webmaster: Julian Chiveral, CMTA ashtech@ashrae-balto.org
Engineers Week: Nick Spicher engweek@ashrae-balto.org	Research Promotion Co-Chair: Dave Handzo, UEP research@ashrae-balto.org	Women in ASHRAE: Natasha Murray, WSP wia@ashrae-balto.org

# PRESIDENT'S PEN

Cannot believe spring is finally here and our ASHRAE year is almost over!

We've got some great events coming up... Clay Shooting and our Annual Golf Outing.

This month we are 110% BALTIMORE! Our main session speaker is one of our own, Jesse Fisher, and Tyler Brown received a huge shout out on his recent Government Affairs achievements (more information on Page 12).

We will also have multiple Previous Presidents joining us at our Main Meeting so please come and enjoy the memories as well as the crab cakes.

Hope to see you all at our meeting next week.

**Kaylee Haupt**  
ASHRAE Baltimore President



Registration will open in the May 2026.

# MEETING SCHEDULE

<p>Main: September 4, 2025 Tech: September 16, 2025</p>	<p>Tech: Airflow Measurement for High Performance Buildings Main: Tiki Lee's Social</p>
<p>October 2, 2025 @ESB</p>	<p>Tech: Airflow Management Best Practices for Data Centers Main: Electrification Incentives: Navigating Opportunities and Challenges</p>
<p>November 6, 2025 @ESB</p>	<p>Tech: Current Motor Technologies and Their Impact on VFD Selections Main: Chiller Plant Optimization</p>
<p>December 5, 2025 @Timonium Fairgrounds</p>	<p>75th Annual Christmas Party!</p>
<p>January 8, 2026 @ESB</p>	<p>Tech: Sizing and Selecting Actuators for Control Damper Main: Shaping Up a Building Modernization – Finding the Right Upgrades for a Unique Building</p>
<p>February 5, 2026</p>	<p>Tech: ASHRAE Standard 15 for VRF and Ductless Systems Main: Refrigeration Tour, Taharka Brothers</p>
<p>March 5, 2026 @ESB</p>	<p>Tech: Combustion Air for Mechanical Rooms Main: Maryland's BEPS and High Performance Green Building Program Panel</p>
<p>April 2, 2026 @ESB</p>	<p>Tech: TBD Main: Framework for Repositioning Existing Buildings to Achieve Sustainability Benefits</p>
<p>May 7, 2026 @ESB</p>	<p>Tech: TBD Main: How to Get More Accomplished in Less Time</p>

# 2025-2026 SPONSORS

## RAVENS LEVEL SPONSORS

Logos for Ravens Level Sponsors: Johnson Controls, Chesapeake Systems, HOBBS & ASSOCIATES, JMT, F.C.C. (F.C. CLIFFORD), CUMMINS-WAGNER (100% Employee Owned), HAVTECH, James Posey Associates (Engineering Your Vision), WSP, UEP (UNITED ENERGY PRODUCTS), and TRANE.

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# UPCOMING EVENTS

## 1<sup>st</sup> ANNUAL CLAY SHOOT & BANQUET!



We are pleased to announce the 1<sup>st</sup> Annual ASHRAE Clay Shoot! All proceeds go to ASHRAE Research and Promotion. Go to the following link to register right away!

[INSERT LINK HERE](#)

### DETAILS

Both addictive and challenging, sporting clays is often referred to as “golf with a gun”. Instead of sinking a ball into a hole, shooters aim to break targets along a designated course. You will meander through picturesque acres of Eastern Shore landscape to multiple diverse shooting stations offering an exciting array of targets.



### SCHEDULE

Date: Monday – April 20<sup>th</sup>, 2026  
Arrival / Registration: **9-10 AM**  
Event Start: **10 AM**  
Luncheon: **1PM (Est.)**

### LOCATION

The Point at Pintail  
Welcome Center  
511 Pintail Point Farm Lane  
Queenstown, MD 21658

# UPCOMING EVENTS



68TH ANNUAL

**GOLF**

**OUTING & BANQUET**

**2026**

**TURF VALLEY COUNTRY CLUB**  
2700 Turf Valley Rd | Ellicott City, MD 21042

**MONDAY, JUNE 15, 2026**

**SCHEDULE**

- 9 AM SHOTGUN START
- 2 PM CASH BAR & LUNCH AVAILABLE
- 2 PM - 3 PM RECEPTION
- 3 PM - 5 PM DINNER & AWARDS

**COSTS**

- \$1,100 - FOURSOME
- \$150 - HOLE SPONSOR
- \$1,250 - FOURSOME & HOLE SPONSOR
- FOOD & DRINKS ON THE COURSE ARE INCLUDED WITH REGISTRATION FEES

**REGISTER NOW!**

TYLER LEE | GOLF OUTING CHAIRMAN  
P: 443.561.1600 | E: GOLF@ASHRAE-BALTO.ORG  
ASHRAE-BALTO.ORG/GOLF

*We are limiting space to (4) foursomes per company.  
If you wish to add additional registrations please send an e-mail to [golf@ashrae-balto.org](mailto:golf@ashrae-balto.org)*

# 2025-2026 Scholarship

**Multiple Winners:**  
**\$500 - \$1,000**

**Applications accepted until April 3, 2026**

**Questions? Email us at [scholarship@ashrae-balto.org](mailto:scholarship@ashrae-balto.org)**



# Mentors Needed!

We're looking for mentors in architecture, construction, and engineering careers

### We need mentors at:



- Digital Harbor High School SEED School of
- Maryland Ben Franklin High School TouchPoint
- Baltimore ...and more!



## What you'll do

First, students learn about the various disciplines and the roles each plays in the design and construction of a project. Next, with mentor help, the team develops a building design in response to a realistic "Request for Proposal." Recent projects include a food hall, nature center, and vet clinic. After 15 meetings, teams present their final designs to be judged and awarded!

**Register now at [acementorbaltimore.org](http://acementorbaltimore.org)**

Questions? Get in touch!

Cozette Conrad,  
Affiliate Director  
[baltimoremd@acementor.org](mailto:baltimoremd@acementor.org)

Follow us! @acebaltimore



## **ASHRAE TECHNOLOGY AWARDS**

# **GET RECOGNIZED!**

Have an innovative project that has been in operation for 1 year? Apply for the Chapter Technology Award!

Awards are given in 6 categories:

- Commercial Buildings
- Institutional Buildings
- Health Care Facilities
- Industrial Facilities/Processes
- Public Assembly
- Residential

For additional information  
and application visit



[www.ashrae-balto.org/CTA](http://www.ashrae-balto.org/CTA)

# LOCAL NEEDS

Loyola University Maryland in Baltimore is seeking an engineer who would be interested in teaching their undergraduate Thermodynamics course during the upcoming spring semester. An MS or PhD in mechanical or a related engineering discipline is preferred, but a PE licensure is accepted as an equivalent level of experience. In-person instruction is preferred, but days/time are flexible for those with full-time jobs, and virtual instruction could be discussed/negotiated. The instructor would receive access to all existing course materials from previous years to aide in course preparation. Interested candidates can apply here:

[Affiliate Instructor in Engineering - Loyola University Maryland](#)



**LOYOLA**  
UNIVERSITY MARYLAND

# GOVERNMENT AFFAIRS



*Tyler Brown, Government Affairs Chair for ASHRAE's Baltimore Chapter between meetings in Annapolis*

## **ASHRAE Meets with Maryland Lawmakers; Promotes Standard 188 Adoption**

Tyler Brown, Government Affairs Chair for ASHRAE's Baltimore Chapter, met with legislators and legislative staff at the Maryland State Capital in Annapolis on March 4. Alongside a member of ASHRAE's government affairs staff, Brown met with 12 legislative offices to support for [legislation](#) that would adopt ASHRAE Standard 188, *Legionellosis: Risk Management for Building Water Systems* and encourage future collaboration on legislation related to the built environment. If you are an ASHRAE member interested in conducting a day on the hill event in your state, reach out to [GovAffairs@ashrae.org](mailto:GovAffairs@ashrae.org).