



JANUARY - VOLUME LVIII ISSUE 05  
**THERMOGRAM**

**Thursday, March 5, 2026**

**Virtual Lunch Meeting:**

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

**Tech Session: Combustion Air for Mechanical Rooms**

**Speaker: John Kim**

This presentation covers the essentials of safe and efficient combustion processes. It begins with the combustion triangle – fuel, oxygen, and ignition – highlighting the risks of incomplete combustion. Participants will explore key codes, including the International Fuel Gas Code (IFGC) and International Mechanical Code (IMC), governing air supply and ventilation. The course examines combustion air louvers, their types (fixed, operable, motorized), code requirements, and common issues like blockages. It also covers direct vent systems, their code compliance, and challenges such as airflow restrictions. Additionally, the course addresses mechanical air supply systems, comparing single-speed and variable-speed options, and emphasizes the importance of properly designed combustion air ducts to ensure safety and performance.

**Main meeting: Maryland's BEPS and High Performance Green Building Program Panel**

**Speakers: Dr. Zachary Berzolla and Ben Roush, PE-ME, FPE, LEED AP BD+C, CCP, ASHRAE BEMP and BEAP**

**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

2026 has been a great year so far! The Golf Skills Competition was a great hit and I saw many of you out in Vegas for the Winter Conference.

We were able to have our traditional February Refrigeration Tour at Taharka Brothers Ice Cream, thanks to our chairs for all their hard work. YEA had a fabulous drink making class and E-week is in full motion this week at the ESB and all over the country!

We have some fun events still coming this spring; first annual Clay Shooting Event, WiA Glassblowing and Golf in June.

We are very excited to have Zach Berzolla and Ben Roush back again this year to provide another BEPS update and don't forget to also tune in over lunch for our technical session.

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.

## ORIOLES LEVEL SPONSORS

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# UPCOMING EVENTS

## HVAC Design Training: Tools for High-Performance Building Design | Hartford, CT

 09 Mar 2026 – 13 Mar 2026



9 – 11 March 2026

Hartford, CT | **Level I** | 8:00 am – 5:00 pm EDT

12 – 13 March 2026

Hartford, CT | **Level II** | 8:00 am – 5:00 pm EDT

[REGISTER NOW](#)

### Course Description

#### Hartford HVAC Design Level I & II Training

HVAC Design: Level I – Essentials | 9-11 March 2026

HVAC Design: Level II - Application | 12-13 March 2026

**This training is not recorded for distribution**

# UPCOMING EVENTS

## WIA GLASS ART WORKSHOP



Registration Fee :10 \$

Additional fee depending on  
chosen glass project:15 - 55 \$

Date  
03.19.2026

Time  
05:00pm - 07:00pm


Register Now


Location At Mc Fadden Art Glass  
6802 Eastern Ave Baltimore,

# UPCOMING EVENTS


## 2026 ASHRAE STUDENT CHALLENGE

### Event Details

 Saturday, March 28, 2026 – 9:00 AM to 12:00 PM

 BKM Office, 6300 Blair Hill Lane Suite 400, Baltimore, MD 21209


 Awards Night: Thursday, May 7, 2026 – 5:30 PM to 8:00 PM

 Engineers Club of Baltimore, 11 W. Mt Vernon Pl, Baltimore, MD 21201

### Prizes

 1st Place Team Members: \$150 Gift Certificates

 2nd Place Team Members: \$75 Gift Certificates

 All Teams: Scholarship preference + recognition at awards night

### Registration

Team Registration Deadline: Friday, March 6, 2026

School Name, School Address, Teacher/Advisor, Contact Phone, Contact Email, Student Names (3-4 per team) <https://forms.gle/Gkiuer6KUQMDfzGZ8> (Google Form or Email)

Contact: Abe Undieh [studentacts@ashrae-balto.org](mailto:studentacts@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

## **ASHRAE Sends Letter and Testifies in Support of MD Legionnaires' Disease Prevention Legislation**

ASHRAE President Bill McQuade wrote [letters](#) to both chambers of the Maryland General Assembly in support of legislation designed to prevent future outbreaks of Legionnaires' disease in the state. The identical legislation, House Bill 204 and Senate Bill 264, would require that building owners and operators of covered buildings implement water management plans consistent with ASHRAE Standard 188, *Legionellosis: Risk Management for Building Water Systems*. To supplement ASHRAE's letter, staff from the Government Affairs Team testified before the relevant House and Senate committees on February 4 and February 10, respectively. In each instance, ASHRAE encouraged the committee to support the legislation and requested that it reference the latest edition of Standard 188, the 2021 edition, rather than the 2018 edition.

## **U.S. CONGRESSIONAL ACTIVITIES**

### **Reps. Beyer and Fitzpatrick Reintroduce Bipartisan Airborne Act**

On February 10, Rep. Don Beyer (D-VA) and Rep. Brian Fitzpatrick (R-PA) reintroduced the Airborne Act, legislation that would incentivize non-residential building owners to conduct indoor air quality (IAQ) assessments and upgrade their ventilation and air filtration systems. This legislation was informed by technical expertise from **ASHRAE experts, including Wade Conlan, Bill Bahnfleth, and Corey Metzger**. ASHRAE thanks these experts for sharing their technical knowledge to craft better legislation. The full text of the legislation can be found [here](#), and a press release with a quote from **ASHRAE President Bill McQuade** can be found [here](#).