ASHRAE Philadelphia Chapter

March 2025
Volume 60, Issue 3



# Quaker City Climate

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**MEETING COSTS**

Fees are based on online reservations and prepayment.

$0 Chapter Member

$10 Non-Member

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## Facilities Tour

**Thursday, March 13, 2025**

**5:00 PM - 8:00 PM**

### Refrigeration/Facilities Tour - Swarthmore College Geoexchange System

Join us for a guided facilities tour at Swarthmore College's state of the art, highly efficient, zero-carbon geoexchange system, followed by a Networking Happy Hour at the Broad Table Tavern at Swarthmore Inn.

The facilities building is the first building on Fieldhouse Lane behind the Swarthmore Inn parking lot. Please park in the lot across from the facilities building on Fieldhouse Lane.

**Facilities Tour: 5:00 PM - 5:45 PM**
Swarthmore College Facilities Building
505 Fieldhouse Lane
Swarthmore, PA 19081

**Networking Happy Hour: 6:00 PM - 8:00 PM**
Broad Table Tavern
12 South Chester Road
Swarthmore, PA 19081

**Click here to register.**

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**Monday, April 28, 2025**
10:30 AM to 7:00 PM
**Trump National Golf Club - Philadelphia**

The event is sold out, but
see page 4 for sponsorship opportunities.

**2024-2025**

**President**
Jason Trefz

**President-Elect**
Tyler Holland

**Vice President**
Anthony Rodio, PE

**Treasurer**
Clay Boggs

**Secretary**
David Morrison, PE

**Senior Governor**
Dan Brown

**Governor**
Judd Vail

**Attendance Committee**
David Morrison, PE

**Basic School Coordinator**
James Lill, PE

**Chapter Historian**
Andrew Mondell, PE

**Chapter Technology Transfer Committee Chair**
Canaan Colwick

**Electronic Communications**
Mark Carbonaro, PE

**Government Affairs**
Andrerw Mondell, PE

**Honors and Awards**
Tyler Holland

**Membership Promotion Chair**
Richard Adrian

**Newsletter Editor**
Hope Silverman

**Program Committee Chair**
Tyler Holland

**Public Relations**
Dan Brown

**Refrigeration**
Jason Trefz

**Research Promotion Chair**
Frank Kunze

**Special Events**
Tyler Holland

**Student Activities Chair**
Hogan Cuny

**Young Engineers in ASHRAE**
Sam Hall

## PRESIDENT'S MESSAGE

Dear ASHRAE Philadelphia Members,

Welcome to the March edition of our monthly newsletter! Read on for updates on the results of our recent survey, past events, and the exciting opportunities we have in store.

### Survey Results: 2024-25 Chapter Meeting Topics

Thank you to everyone who participated in our survey regarding the upcoming Chapter meeting topics. We are excited to share that the topic receiving the most votes was **'Net Zero/Decarbonization and Sustainability,'** followed closely by **'Controls.'** These topics will be the focus of future meetings, and we look forward to bringing in expert speakers and engaging discussions that will be relevant to both your professional and personal interests.

### Past Events

We've had a great start to 2025 with some fantastic events already. Here's a recap of what we've accomplished so far:

- **December 2024:** Our breakfast meeting at **The Union League of Philadelphia** was a success, with a well-attended discussion on **Modular Heat Recovery Systems.** Special thanks to our speaker **Robby Brown**, who did an excellent job of covering key metrics and providing a thorough understanding of heat recovery equipment.

- **January 2025:** We kicked off the year with a fun **social event at the Wells Fargo Center**, where we enjoyed a thrilling game between the **Flyers** and the **Dallas Stars.** It was a great opportunity for networking and building camaraderie. In addition, **Region III** hosted a virtual event featuring guest speaker **Karine Leblanc**, who gave an insightful presentation on **The Power of Emotional Intelligence (EQ).**

- **February 2025:** Region III continued with another virtual event, where **Matt Roberts** spoke on the **Environmental Impacts of MEP Systems.** His presentation shed light on the evolving role of MEP systems in creating sustainable environments, and we received positive feedback from attendees.

### Upcoming Events

There's still much to look forward to in the coming weeks:

- **Swarthmore College Geoexchange Plant Walkthrough – March 13, 2025**
  We're excited to announce that **Swarthmore College** will be hosting a walkthrough of their **Geoexchange Plant** on March 13th. Following the tour, we will gather at the **Broad Table Tavern at Swarthmore Inn** for a networking happy hour. This is a great opportunity to learn about cutting-edge energy systems while also connecting with fellow ASHRAE members.

- **Annual Charity Golf Outing – April 28, 2025**
  Our highly anticipated **Annual Charity Golf Outing** is scheduled for **April 28th**. Last year's event was a huge success, where we raised a record amount of funds for the **Debra Kennoy Scholarship**. We are aiming to break that record in 2025, so we encourage you to participate, sponsor, and help make this year's outing even more impactful!

*(continued on next page . . .)*

## President's Message *(continued)*

- **Government Affairs Committee: Day on the Hill – May 6, 2025**
  Our **Government Affairs Committee** is organizing a **Day on the Hill** event with other **Pennsylvania ASHRAE Chapters** on **May 6th**. This is a fantastic opportunity to promote ASHRAE and our local Chapter to our district representatives at the state capital. We are currently looking for volunteers to help represent our industry and raise awareness about the important work we do. If you are interested in getting involved and bringing awareness to our chapter, please let us know!

**Stay Connected**

We encourage all members to stay engaged and take advantage of the upcoming opportunities for professional development, networking, and community involvement. Thank you for being an active member of the ASHRAE Philadelphia Chapter – we look forward to seeing you at our upcoming events!

Best regards,

Jason Trefz
Chapter President
ASHRAE Philadelphia Chapter

## Future City Philadelphia 2025

The 2025 Philadelphia Regional Future City Competition was a great success thanks to their many supporters including the Philadelphia Chapter of ASHRAE. The competition was held on January 18, 2025, at Archbishop Carroll. There were 34 teams with over 200 students and over 100 volunteers attending and working to make the day a lot of fun.

The students' challenge was to "Design a floating city and provide two innovative examples of how your floating city works and keeps its citizens healthy and safe."

The Philadelphia Chapter sponsored the "Best Indoor Environment Award", which was presented to Springton Lake Middle School.

The Philadelphia Regional Competition draws schools from Philadelphia and surrounding counties including the Lehigh Valley, Southern New Jersey and Delaware. Students from middle schools and after school programs in the region form teams consisting of 6th, 7th, and 8th grade students who work with a teacher and an engineer mentor from September to January.

The Philadelphia Chapter is happy to sponsor an award each year and we look forward to next year's competition!

## Our Chapter Digital Directory is now available!

This digital version has replaced the paper versions from years past. This provides flexibility and allows for access anywhere. It's easy to use, highly interactive, and always up to date.

The link to the directory is on our home page on the website, or you may click here to advertise or purchase access to the directory!

# ASHRAE Golf Outing 2025
# Sponsorship Opportunities

Golf Outing Sponsor - $5,500
Includes 4some of golf, Hole Sponsorship on Hole 1 and 18, Registration Table Sponsorship, Branded Golf Polo Shirt for All Participants, and Complementary Forecaddie on golf course.

Hospitality Sponsor - $4,500 x 2
Includes 4some of golf and hole sponsorship. Company Logo displayed prominently on front 9 or back 9 beverage carts. Contribution supports complimentary drinks on course and in clubhouse for all golfers.

Golf Ball Sponsor - $4,500
Includes 4some of golf and hole sponsorship. Contribution supports complimentary and customized sleeve of 3 golf balls per golfer for all golfers.

Lunch Sponsor - $4,000
Includes 4some of Golf and hole sponsorship. Company Logo displayed prominently to all golfers with lunch.

Cigar Sponsor - $3,500
Includes 4some of golf and hole sponsorship. Contribution supports complimentary customized cigars for all golfers.

Flag Sponsor - $3,500
Includes 4some of golf and hole sponsorship. Contribution supports 18 customized flags at each pin of the course.

Hors D'oeuvres Sponsor - $3,500
Includes 4some of golf and hole sponsorship. Company Logo displayed at cocktail hour. Sponsorship supports hors d'oeuvres and cocktail hour for all golfers.

Debra Kennoy Scholarship Sponsor - $3,000 x 4
Includes 4some of golf, hole sponsorship, and $1,500 contribution to the ASHRAE Debra Kennoy Scholarship Fund.

Trophy Sponsor - $3,000
Includes 4Some of golf, Hole Sponsorship, Company Logo Displayed on all Outing Trophies.

Golf Tee Sponsor - $3,000
Includes 4Some of golf, Hole Sponsorship, Company Logo Displayed on Golf Tees distributed to all participants of the golf outing.

**BOOKING ANY OF THE ABOVE SPONSORSHIPS WILL QUALIFY YOU FOR ONE DISCOUNTED $1,500 FOURSOME**

Closest to the Pin Sponsor - $500
Includes branding displayed prominently at hole and supports purchasing of closest to pin award.

Longest Drive Sponsor - $500
Includes branding displayed prominently at tee box and supports purchasing of longest drive award.

Tee Box Sponsor - $300
Company branding displayed prominently at tee box.

For more information, please reach out to Anthony Rodio at Arodio@UnitasEngineering.com or 609-703-9095.

**Click here to Register**

## ASHRAE Wraps Winter Conference and AHR Expo In Orlando, Reinforcing Commitment to Workforce Development

The 2025 ASHRAE Winter Conference brought together HVAC&R industry leaders, experts and professionals for an engaging and impactful event focused on key topics such as artificial intelligence, emerging technologies and workforce development.

Taking place February 8-12 in Orlando, Florida, the conference attracted close to 3,800 attendees and featured more than 400 committee meetings, 111 technical sessions and numerous networking and social events. Running concurrently, the AHR Expo occupied the Orange County Convention Center, hosting more than 1,800exhibitors, showcasing the latest HVAC&R technologies, products and services to an estimated 50,000 attendees over three days.

Among the most well-attended in-person Winter Conference sessions were:
Seminar 13:
Low and Ultra-low GWP Refrigerants and Equipment to comply with Current and Future DecarbonizationEfforts
Seminar 8:
Earth, Heat and Ice: Expanding the Effectiveness of Geothermal Systems Using Ice Storage
Seminar 42:
The Wonderful World of Dedicated Outdoor Air Systems and Energy Recovery Equipment
Seminar 25:
Energy Storage Solutions to Enhance Building and Grid Resilience
Seminar 11:
Advances in AI Technologies for the Buildings Industry

The most popular livestreamed session was Seminar 36:
LIVESTREAM: Interdisciplinary Dimensions of Occupant Behavior, Indoor Environmental Quality for Building Health

In his State of the Society Address, 2024-25 ASHRAE President Dennis Knight provided updates on the current Society Year theme: *Empowering Our Workforce: Building a Sustainable Future*

“As we look to the future, I call upon each of you to continue to be passionate ambassadors for our industry,” said Knight. “Share your stories, engage in conversations, and inspire the next generation of professionals. We need to demonstrate to the world what we do and the profound impact our industry is making today – and the even greater potential it holds is in the future to address indoor environmental quality, sustainable development and resiliency.”

Knight highlighted progress on key initiatives, including a newly-released workforce development roadmap which outlines strategies for attracting, engaging and retaining talent to the HVAC&R industry. Knight’s full State of the Society address manuscript and presentation can be found at ashrae.org/president

During the conference, President Knight announced the winners of the 2024-25 ASHRAE Decarbonization Challenge, a grant program supporting ASHRAE chapters in implementing local projects focused on energy efficiency and emissions reduction. The challenge, led by the Young Engineers in ASHRAE (YEA) committee, received 14 project submissions, awarding seven projects with grants ranging from $2,970 to $10,000, totaling $59,970.

Further reinforcing its commitment to industry innovation, ASHRAE announced the establishment of the $1million Gordon Holness Presidential Fund. Created through an endowment, this fund will provide an annual$50,000 grant in perpetuity to support ASHRAE chapters in developing and executing creative solutions to some of the industry’s most pressing building challenges. Holness, who served as ASHRAE President in 2009-10, joined Knight at the 2025 Winter Conference to announce the fund’s launch.

ASHRAE honored the outstanding contributions of its members during its Honors and Awards Program. Additionally, ASHRAE Executive Vice President and Secretary Jeff Littleton provided updates on the Society’s progress in advancing the built environment in his report.

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## ASHRAE Wraps Winter Conference *(continued)*

“ASHRAE remains steadfast in its mission to serve the built environment through research, education, and the development of industry-leading standards and guidelines,” said Littleton. “As we navigate the evolving challenges and opportunities within our field, our commitment to innovation, knowledge-sharing and workforce development is stronger than ever. Through collaboration with our global network of chapters and industry partners, we will continue to drive meaningful advancements that shape the future of HVAC&R. ASHRAE is not just adapting to change—we are leading it.”

The ASHRAE Learning Institute (ALI) provide valuable educational opportunities, offering 20 courses during the conference. Among the most popular were:

- Changing Environments and Loads for Data Center (High Density, Liquid Cooling, Edge Computing)
- Guideline 36: Best of Class HVAC Control Sequences
- V in HVAC – Health and Energy Improvements Using Indoor Air Quality Procedure

All registered attendees, both in-person and virtual, will have access to the virtual conference platform during the conference and 12 months post-conference.

The 2025 ASHRAE Annual Conference will take place June 21-25 in Phoenix, Arizona. The 2026 Winter Conference will take place January 31-February 4, 2026 and the AHR Expo, February 2-4, 2026 in Las Vegas, Nevada. Go to Conferences | ashrae.org for more information.




ASHRAE President Dennis Knight






The Philadelphia Chapter
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Visit
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www.ashraephilly.org

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Hope Silverman
P 610-971-2169
hope@mmco1.com

Material can include letters to the editor, member news, upcoming events, comments on chapter programs or issues, etc.

## New Philadelphia Chapter Members

### New Chapter Members

Toby Van Pham
Donald Michael Dermond
Awin Taib
Andrew Kuehl
Scott Campbell
Christine Glatt
Patricia Cates
Zachary John Busch
Jeff Quinde
Georgios Michalopoulos
Thomas Jackson
Matthew Gardocki
Candace Megan Young
John Perla
James Brunetto

### New Society Members

Navroop Kaur
Yasmin Osman
Christopher Ryan Stone
Brian Robertson
Stephen Graham

### New Student Members

Sude Erken
Kyle Matthew Stickler
Aaron Harris
Ramyar Tajik

## What are the benefits of paying Philadelphia Chapter dues* ?

**Discounts:**

$200 Discount for Basic Class
$150 Discount for 90.1 Seminar
Free access to the Digital Directory
And much more!

* Note that Philadelphia Chapter Membership Dues are $35/year.

To receive discounts, please remit you Chapter dues when renewing online or applying for a new membership. Feel free to upgrade online by clicking here or contact c021@ashrae.net for assistance.

## Membership Advancement

If you are currently an ASHRAE Associate Member, becoming a full Member is easier than you think! The following count toward the required **12 points** to advance to full membership status. You must update your ASHRAE online biography and send an email to membership@ashrae.org to advance.

Non-accredited degree = 4 points
PE = 4 points
Accredited degree = 6 points
Industry experience = 1 point/year