



NorthEastAire

Volume LVII, Issue No. 3

November 8, 2024

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November Meeting

Tuesday, November 12, 2024

Meeting Topic:
Women in Engineering

Where:
DoubleTree Cambridge
400 Soldiers Field
Boston, MA 02134

Schedule of Events:

Networking: 5:00PM-6:30PM
Dinner served at 6:30PM
Presentation: 7:00PM-8:00PM

Cost:

Members—\$50
Non Members—\$60
Student Members w/ RSVP—Free

Register: ashraeboston.org



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BOSTON CHAPTER OFFICERS 2024-2025



President's Message

Last month we had an informative presentation from Ted Hetzel about building envelopes and HVAC. Ted's talk prompted lively discussion of tradeoffs and other considerations relevant to our climate. Thanks to Ted for volunteering to present to his fellow members on this topic.



Lance Brown, President

This month we'll be at the DoubleTree Cambridge Boston with our first Distinguished Lecture of the year. Immediate Past President of ASHRAE, Ginger Scoggins, installed me as Chapter President this summer. She returns to Boston to update us on Women in ASHRAE and give us tips on how to further Diversity, Equity, and Inclusion in ASHRAE and elsewhere in our professional lives.

For this month's meeting, we especially encourage past Chapter Presidents and all Life Members to join us. We'll plan on doing at least one photo of those in attendance. The more the merrier.

Lance Brown

Boston Chapter President

president@ashraeboston.org



Government Affairs Headlines

Ben Pignatelli—Government Affairs Committee Chair

Massachusetts Senate Bill 2967, *An Act promoting a clean energy grid, advancing equity and protecting ratepayers*, contains language supporting the Society's interest in ensuring new refrigerants are acceptable for use in the Commonwealth. At the Chapter's Day on the Hill last May we supported the state recognizing EPA guidance to de-risk the use of A2L refrigerants in Massachusetts. The bill needs to be passed for the legislation to go into effect.

Natural gas rate hike for Mass. customers

The Department of Public Utilities approved natural gas rate hikes, impacting Eversource and National Grid customers statewide. Eversource customers can expect to see their bills increase by about 25-30 percent. National Grid customers' bills are set set to increase by 11-13 percent. The changes went into effect on Nov. 1.

Eversource Bringing Smart Meters to Massachusetts Starting Next Year

Modern tech will improve service for customers and provide greater control over energy use. Eversource. October 31, 2024.

November Meeting



Meeting Topic: Women in Engineering

This presentation focuses on the differences in men and women in engineering careers and the efforts needed to keep both genders engaged and employed. It discusses the communication issues that could be the cause of the lack of females in our industry and how we can overcome those issues to create work environments that will be supportive and successful for both genders. The presentation also goes into the demographics of educating young people in K-12 of both genders to encourage pursuit of engineering careers for their futures.

Speaker: Ginger Scoggins

Ginger Scoggins is a licensed mechanical engineer with over 30 years of experience. She is the former President of Engineered Designs, Inc., a full-service engineering firm, which she founded over 25 years ago. Ginger is also a certified commissioning agent, as well as a certified energy manager, and has worked on the design and commissioning of projects ranging from \$4 million construction cost up to \$90 million construction cost. Her focus is on designing high-performing buildings across a wide variety of markets. Ginger has mostly retired from her firm, but is still managing some key clients, while she figures out her next adventure.



Ginger Scoggins, PE, CEM, CxA,
LEED-AP, FASHRAE

In addition to running her firm, Ginger has been heavily involved in ASHRAE since 1988 when she joined the Triangle Chapter in Raleigh, North Carolina, becoming the first female president of the chapter in the 1995-96 year, the first female Regional Vice-chair, and the first female Director & Regional Chair for Region IV. Ginger was recently named a Fellow of the organization. She was the ASHRAE President last year, traveling to every region, bringing awareness to “Tackling the Climate Crises.”

Ginger has served ASHRAE on Society level committees including CEC (Conferences & Exposition Committee), which she chaired twice, as well as on the Society Planning Committee, Finance Committee, and Membership Promotion Committee. She has served on all three ASHRAE councils, including as chair of both Technology Council and Member’s Council.

Attention Past Presidents and Life Members!

The chapter encourages past chapter presidents and all local life members to attend this meeting. We'll recognize those of you in attendance and get a group photo or two. This meeting has no associated technical session. Enjoy the opportunity during the networking hour to socialize with each other and with current members and guests.



2025 ASHRAE WINTER CONFERENCE

ORLANDO, FEB 8-12 | AHR EXPO, FEB 10-12

Join us in Orlando this February 8-12 for the 2025 ASHRAE Winter Conference and AHR Expo. Register for the conference to connect with peers and thought leaders, get inspired, and see the latest innovations at the AHR Expo.

Early Bird Registration ends October 31st! Register [here](#)!
View the Conference Schedule [here](#)!

Attention All Students!

Empowering Future Engineers: Apply for ASHRAE Student Scholarships!

ASHRAE is committed to supporting the next generation of engineers through national and local scholarships, helping students reach their potential in engineering and engineering technology.

Both local and national scholarships are open today! The Boston Chapter offers two \$1,500 scholarships annually. Society offers several scholarship (see links below). Don't miss this opportunity to secure financial support and join a community committed to shaping the future of engineering.

Why Apply?

ASHRAE scholarships provide essential financial support for students pursuing degrees in engineering or engineering technology, covering both tuition and related expenses. Whether you're interested in HVAC&R, building sciences, or other engineering fields, an ASHRAE scholarship can help you on your path to success.

Applying Is Easy! (You can apply for both!)

To learn more about the local & national chapter's scholarships, eligibility requirements, and deadlines:

- Visit https://ashraeboston.org/Scholarship_Information for the Boston chapter scholarships website. Deadline is March 15th, 2025.
- Visit <https://www.ashrae.org/communities/student-zone/scholarships-and-grants/scholarship-program> for the national society's scholarships website. Hurry! First deadline is December 1st, 2024.

Questions?

If you have questions, please reach out to [Ali Rifai](#), Student Activities Chair. We're here to help you take the next step toward a rewarding engineering career!

YEA Update



Matt Hallock—YEA Committee Chair



Winners!

Mike and Nick from Avid Engineers

Thank you to all who came out and participated in our ping pong event at SPIN Boston this past month to make it such a big success. This event was well attended and we even had participation from a local university. Please keep reaching out and including all YEA members of our society and industry to keep the growth of our local ASHRAE chapter in an upward trajectory. Please be on the lookout for another YEA event before the end of the year. If there are any questions about YEA or recommendations on events, please reach out to Matt at c001yea@ashrae.net.



Honors and Awards Update

Bob Persechini—Honors, Awards, & Nominating Committee Chair

As a follow up to updating your ASHRAE Bio, we have been notified by society that the listed members below may be eligible to apply for the following awards.

1. **Distinguished Service Award (DSA)** – The following active members who may have enough participation listed in their member bio to qualify. Candidates must score a minimum of 15 points on the point tally form.
Darcy Carbone, Dale Cagwin, Enrica Galasso, Peter Armstrong, Detlef Westphalen, Joseph Lstiburek, Lloyd Le, Shichao Liu, Shlomo Novotny
2. **Exceptional Service Award (ESA)**– The following active members who have received the DSA and been Full Member grade for at least ten years. Candidates must score a minimum of 45 points on the point tally form.
Howard McKew, Steven Rosen, Christopher Wilkins
3. **Fellow** – The following active members who have been Full Member grade for at least ten years. Nominators must submit the Fellow nomination form and required supporting documentation.
See next page

The Society awards below have an upcoming deadline of December 1. Please submit nominations to honorsandawards@ashrae.org.

1. [Louise & Bill Holladay Distinguished Service Award](#)
2. [Andrew T. Boggs Service Award](#)
3. [Distinguished Service Award \(DSA\)](#)
4. [Exceptional Service Award \(ESA\)](#)
5. Distinguished [50](#) and [75](#)-Year Member Awards

If you should have any questions regarding Award information and nomination forms, please refer to the H&A PowerPoint listed at www.ashrae.org/honors or email Bob.Persechini@nv5.com.

Thank you, Bob Persechini



Honors and Awards Update cont...



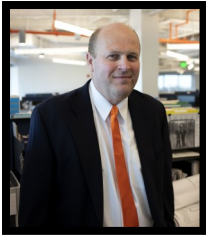
ASHRAE Fellow Candidates:

Arthur W Adler	Kenneth W Crooks	Christopher P Hammill	Joshua Monahan	James C Sawyer
Francisco M Alcala	John Crosby	Robert E Handschiegl	Carlos Montanez	Kris Scarborough
Joseph J Alconada	Katherine G Cunkelman	Bruce R Hanson	Chester W Morrill	Christopher R Schaffner
Antonio J Aldykiewicz	Michael J Daigneault	Mark R Harrison	John C Morrill	Kurt J Scheeren
Alexander A Alfieri	James R Dale	Gordon H Hart	Allan R Morris	Jeffrey H Schultz
Mohammed Al-Hadeethi	James G Daley	Andre M Hebert	Melville J Mossman	Richard E Scogland
David Allen	Matthew Davy	Mark T Hemingway	Alfred E Muccini	Richard B Seiden
Allan E Ames	Robert M Dawson	Bryan M Hermann	Dhanbir S Nayar	Kurt M Shank
Michael Andelman	Gary W Dear	Manuel J Hidalgo	Gary R Nelson	Gregory W Shenstone
Dan Anderson	David A DeMoura	Dennis Hoffman	Peter E Nelson	Henry L Shir
Kenneth C Anderson	Stephen M Di Giacomo	Warren E Hudson	Philip Neveu	Paul J Simeone
Robert G Andrews	Louis J Diberardinis	John A Iacopucci	David G. Newman	James G Simmons
Henry L Anthony	Joseph P Diliberto	Jonah M Israelit	James F Newton	Thomas R Skinner
Theodore Athanas	Karen DiMeglio	Jeffrey M Jansen	Stephen W Nicholas	Edward H Smith
Brian E Austin	Daniel P Diorio	Arthur R Jensen	Donald W Noble	Paul D Smith
Jason M Avergun	Daniel T Dirgins	David S Jessup	Leslie K Norford	Michael C Spence
Mark Ayotte	Richard M Dirienzo	Joseph B Johnson	Robert P O'Connell	James Strack
Brian Baker	Joseph L Donahue	John H Johnson	Steven J. O'Connell	Gary W Strickland
Paul J Banks	Lee S Donohue	Charles C Kalasinsky	Andrew K Oldeman	Daniel T Sullivan
Eugene M Bard	Carmen Downey	Steven Karan	Bruce E Ott	Paul D Sullivan
Richard M Barisano	Wayne S Drooms	Gerald Kawadler	Michael E Papagni	Kurt P Svetaka
Robert J Barstow	Russell Drummey	Paul P Kazantzis	Nelson V Pavao	John M Swift
Denise M Beach	George Dubin	David W Kelly	Thomas Perry I	Steven J Tafone
Kenneth R Beck	Dennis Milton Dyer	Nuri Kilic	Robert J Persechini	Richard Taft
James M Becker	Eric M Edman	John P Kitsalis	Robert W Persons	Eugene Tandetnik
Michael A. Bergeron	Britt H Ellis	Douglas R Knapp	Anthony J Petone	Harris C Thanopoulos
Richard C Berry	David H Ellowitz	Ralph D Knight	Michael W Peugh	William K Thomas
Richard Bialobrzewski	Gary M Elovitz	Gene F Koons	Andrew Polka	Robert P Thornton
Raymond V Binder	Drake H Erbe	Brian Kowalski	Prof Carl J Puleo	Robert W Timmerman
Yvon G Blais	Peter M Fairbanks	Aleksan Kozinets	Mark A Purinton	Gregory C Tocci
Courtland N Blake	Paul F Fimian	Christopher R Laughman	Fergus Purton	Michael J Torchio
Alfred F Bonazzoli	Steven L Forte	Hugh J Leahy	Edward Quinlan	Michael R Torchio
Jack Borgschulte	John G Frugard	Scott LeClair	James A Quinn	William L True
David M Braslau	Nicholas T Gayeski	John H Leeds III	John J Rabuck	Thomas R Trumbull
Stephen C Brickley	Armen Gechijian	Maria M Lelek	Sheikh A Rahman	Paul R Van Kauwenberg
Mark R Buzzell	James R Generelli	Max Levi	Asesh K Raychaudhuri	Alexander R Vanderweil
Frederick R Calhoun	Joseph Gerstmann	James F Liston	Paul H Raymer	James W VanGilder
Darcy A Carbone	Ralph S Gifford	Roger A Litman	Peter A Regan	Marty Vickey
Malcom M Carley	Alison M Gill	Frederic H Livingston	Sergio Reyes	Kenneth R Wagner
John P Carr	Steven J Ginns	Jerry F Ludwig	Paul V Rice	Edward R Waldman
Stephen B Carroll	Jeff Glick	William J Lynch	James Ridge	Mark S Walsh-Cooke
Audrey B Casavant	William J Goetzler	Edward G Lyon	Robert F Riel	Thomas P Weiss
John Celona	Ronald B Golay	Vincent J Maccarrone	William J Riley	Christopher K Wilkins
Seshappa Chandrashekar	Scott R Greenbaum	Bruce B Macritchie	Stephen P Rizzo	Brian M Wiseman
Herman H Chang	Sidney J Greenleaf	James D Magarian	Scott Robbins	Zbigniew M Wozny
Teri L Clark	Kevin A Gregory	Aidan G. Maguire	David P Roberts	John A Wright
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Dimitri S Contoyannis	Ranjit P Gunewardane	Joseph F Manfredi	Rocco Rossi	Vladimir Yarmarkovich
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Robert M Couture	Kevin D Hallahan	Wayne A Mattson	John S Sanderson	
Barry S Crafts	Mark A Halverson	Bruce M McGregor	Hyman Sandler	
William C Creed III	Robert A Hamilton	Michael B Miller	Michael J Saracco	

Historical Special Feature



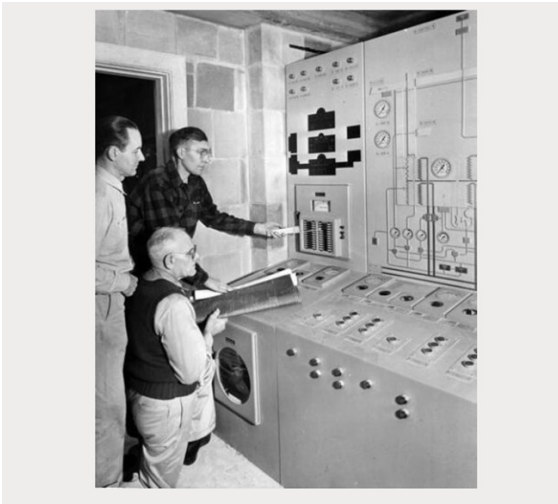
Eric Edman—Historical Committee Member



Eric Edman

In August of 1945, it was unseasonably hot in Washington, D.C.

Germany had already accepted unconditional surrender earlier in May of 1945. V-E Day (as it was known) was a very big deal. There was still a war going on....in the Pacific. The Allies were poised to invade Japan. This would end one of the most brutal wars in world history.



Engineers at the controls of an early pneumatic control system.

Little did you know, that the Carrier Corporation had installed this “new thing” called air conditioning in the US Capitol in 1932, and finally for the President in the west wing of the White House in early 1945.

This seemingly simple little creature comfort allowed the government’s war effort to continue through the summer months, and allowed President Truman to meet with his war cabinet regardless of the outside temperature, and make the biggest decision:

To drop the atomic bomb, or not.

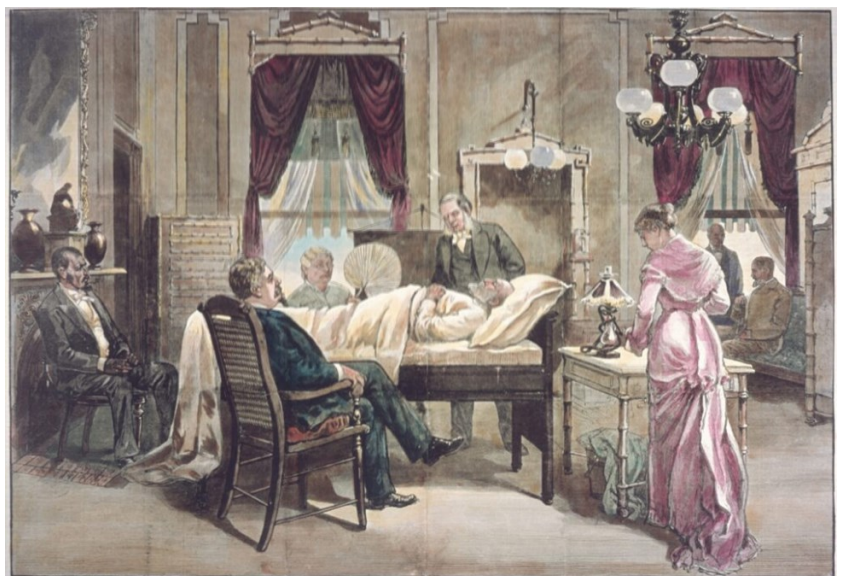
The controversy for that big event still continues to this day.

However, the question of air conditioning, or no air conditioning, is not a topic of controversy any longer as it is, and has become an automatic design feature for all buildings today. Thank you, Mr. Carrier.

How little did any of us know how our world changed with the introduction of HVAC, and the impact it had around us, in our workplaces, in our government, and in a world conflict, without us noticing it.

Think about your role in this industry.

Air conditioning of a sort first came to the White House through tragedy. In an effort to cool the stifling sickroom of mortally wounded President James A. Garfield, U.S. Navy engineers prepared an improvised air conditioner in the summer of 1881. An electric blower forced air through a box with thin cotton screens that were kept wet with ice and ice water. Pumped through a duct into Garfield’s bedroom, the device pushed the temperature down to 80 degrees and lowered the humidity.



After President James A. Garfield was shot on July 2, 1881, he lived for 80 days while engineers tried to cool his sickroom and doctors tried to save his life.

Thank you, and as always, the historical committee looks forward to seeing you at all future meetings.

-Eric

Presidential Award of Excellence



Boston Chapter - 2024-2025

Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Operations Points	Chapter Technology Transfer Points	Government Affairs Points	Electronic Communications Points	YEA Points
<u>976</u>	<u>950</u>	<u>285</u>	<u>0</u>	<u>242</u>	<u>340</u>	<u>2000</u>	<u>300</u>	<u>0</u>	<u>1550</u>



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EMPLOYMENT ADS FOR SALE!

Is your company hiring? Your employment ad could be here next month! Purchase an employment ad through the Boston ASHRAE Chapter and get your ad seen by all of our readers and members. Reach out to Newsletter Editor, Josephine Wendroth, jwendroth@cmta.com, if you have questions or want to purchase an employment ad, starting at \$250 for one month. We can advertise within the newsletter, on our website, on LinkedIn, or send out an email blast to over 1000 subscribers. If you are a sponsor of our chapter, check out your sponsorship level because this perk may already be included at no extra cost to you!

Welcome New ASHRAE Boston Members

We welcome those that joined our chapter over the last month!

- Joshua Napoleone
- Olivia Ferrigno
- Brittany Pan
- Chris Zimbelman
- Andrew Davey
- Connor Whitehead
- Shawn Cousineau
- Nehal Abdelfattah
- Isaac Colon



ANNOUNCING:

2024-25



BOSTON CHAPTER MEMBERSHIP BATTLE

The Membership Battle has commenced, and all employers are tied! Tune in to the December newsletter for updated standings!

BATTLE RULES:

When: September 10, 2024 - April 1, 2025

Who wins: The firm/company/organization with the most new-member registrations. (If there is a tie for first place, the winner will be chosen randomly.)

The prize: Recognition at April meeting, (2) Red Sox tickets, and potential bonus prizes.

**JOIN
ASHRAE
TODAY**

Congrats to XOVIS for winning the 23-24 Membership Battle!



<https://join.ashrae.org>



A hearty thank you to our 2024 sponsors. Our corporate sponsorship program helps the chapter meet their research & promotion goals and supports chapter activities.

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EVENTS CALENDAR

Date	Location	Event Information
September 10	Liberty Mutual Boston, MA	Mechanical Tour and Dinner
October 15	Embassy Suites Waltham, MA	Building Envelopes & HVAC Considerations
October 23	SPIN Boston	YEA Event
November 12	DoubleTree Cambridge, MA	Women in Engineering
December 10	Embassy Suites Waltham, MA	Decarbonization
January 12	DoubleTree Cambridge, MA	TBD
February TBD	Embassy Suites Waltham, MA	TBD
March 11	Embassy Suites Waltham, MA	Framingham Ground Source Heat Pump Pilot Project
April 8	DoubleTree Cambridge, MA	Stairway Smoke Pressurization
May 12	Pinehills Golf Club Plymouth, MA	ASHRAE Golf Outing
June 10	TBD	Installation of Officers

*The calendar is subject to changes, please see the [ASHRAE Boston Chapter website](#) for the most up to date information!

[Boston ASHRAE Facebook](#)



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[Twitter](#)



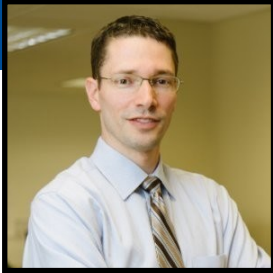
Boston Monthly

YEA Events

Joint Meetings

Special Events

BOSTON CHAPTER OFFICERS



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Become a chair or committee member today! Please contact Chapter President at president@ashraeboston.org if you are interested!