

Special Points of Interest:

President's Message - Page 2

September Meeting - Page 3

DIA Book Club Event - Page 4

Historical Special Feature - Pages 5-6

New Members - Page 7

Membership Battle - Page 8

Events Calendar - Page 9

Our Sponsors - Page 11

NorthEastAire

Volume LIX, Issue No. 2

October 13, 2026

September Meeting

Tuesday, October 20, 2026

Technical Session:

Refrigeration- Steve Tafone

Main Meeting Topic:

Better Heating & Cooling Using CO2
(PDH Certification Available)

Where:

Embassy Suites - Waltham
550 Winter St
Waltham, MA 02451

Schedule of Events:

5:30 Tech Session

6:30p Dinner

7:00p Main Presentation

Cost:

Members - \$50

Non-Members - \$75

Students w/ RSVP - Free

Past Presidents and Life

Members - Free



President
Kellie Sacco



President-Elect
Catie Ball



Vice President
John Maw



Secretary
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BOSTON CHAPTER OFFICERS 2026-2027



President's Message

It's hard to believe we're already heading into October. We kicked off our monthly meeting season last month with a fantastic evening at the BU Jenga Building. The meeting was sold out, and it was great to see so many members come together for technical learning, networking, and catching up. It was a wonderful way to start the year, and I want to thank everyone who attended and helped make the evening such a success.



Kellie Sacco, Chapter President

We're continuing that momentum with our October 20th meeting at the Embassy Suites in Waltham, where we'll celebrate Past Presidents Night. We invite all past presidents and life members to join us for the evening at no cost as we recognize those who have helped shape and support our chapter over the years. If you're a past president or life member interested in attending, please email me at President@bostonashrae.org. We look forward to welcoming you.

We have two technical presentations planned for the evening. ASHRAE member and past president Steve Tafone will lead our tech session on refrigeration, followed by our regular meeting presentation, "Better Heating and Cooling Using CO₂," presented by Rick Mauk and Dan Harris. They will be presenting an overview of CO₂ as a refrigerant and the related engineering advantages. We will review system operation of the boiler, chiller, and domestic hot water; and discuss the implementation and maintenance of CO₂ heat pumps. It promises to be a great evening of technical discussion, professional development, and connection with fellow members. PDH Credits will be available.

Looking ahead to December, our DEI Committee is planning a book club night on December 2nd at CMTA's Boston office. The selected book is The Inclusive Language Field Guide by Suzanne Wertheim. This will be a great opportunity to come together for thoughtful discussion and learning. Keep an eye out for registration details.

There is a lot to look forward to this year, and I'm excited about the programs and opportunities we have planned for the Boston Chapter. Thank you for your continued involvement and support. I look forward to seeing many of you at our upcoming meetings and making this another successful year together.

Kellie Sacco
President, 2026–2027
Boston ASHRAE Chapter



BETTER HEATING & COOLING USING CO₂

PDH CERTIFICATION

Join us for an overview of CO₂ as a refrigerant and the related engineering advantages. We will review system operation of the boiler, chiller, and domestic hot water; and discuss the implementation and maintenance of CO₂ heat pumps.



 **20TH OCTOBER 2026**

 **5:30^{PM}**

 **EMBASSY SUITES - WALTHAM, MA**

RICK MAUK & DAN HARRIS

KEYNOTE SPEAKERS

Rick is a business leader with a strong operational and product development background. He believes in leaving the world a better place than what we were given. He has over 30 years' experience including general manager of a commercial / industrial OEM HVAC manufacturing plant and business director for industrial refrigeration engineering, construction, and service. He is driven to find the win-win for all involved to motivate and energize organizations towards sustainability

and profitability. He has degrees in engineering, business, and project management. His passion with family includes exploring the outdoors with hiking, biking, boating, and travels.

Dan Harris is a Principal at APA HVAC Technologies, where he leads a team focused on supporting consulting engineers in the design and selection of high-performance, energy-efficient HVAC systems. With more than two decades of experience spanning mechanical engineering, product development, and engineering sales, Dan is known for delivering solutions that balance technical rigor with practical, real-world application. Driven by a commitment to reducing the environmental impact of building systems, Dan champions energy-efficient design and collaborative engineering practices that elevate performance, sustainability, and service to the consulting community.

A Message From Your DIA Committee

Save The Date for the ASHRAE Boston Chapter DIA Book Club - Fall 2026 Edition!

Join us on December 2nd at 6p on 170 Milk Street.

We will be discussing The Inclusive Language Field Guide by Suzanne Wertheim.

<https://www.suzannewertheim.com/the-inclusive-language-field-guide>

Register Here: <https://ashraeboston.starchapter.com/meetinginfo.php?id=63>

Please Contact Allison Guttadauro and Bailey Estes with any questions:

aguttadauro@apav.com

bailey.estes@cmta.com



DIVERSITY IN ASHRAE BOOK CLUB

DECEMBER 2, 2026

6:00 - 8:00 PM

LOCATION 170 MILK STREET, BOSTON MA
CMTA BOSTON

BOOK THE INCLUSIVE LANGUAGE FIELD
GUIDE - by Suzanne Wertheim

REGISTER

REGISTRATION CUTOFF
NOVEMBER 30TH AT 5:00 PM

AN EMAIL WITH INFORMATION
ON ACCESS TO THE BUILDING
WILL BE EMAILED TO THE
ADDRESS YOU USE FOR
REGISTRATION AHEAD OF THE
EVENT



THE
INCLUSIVE
LANGUAGE
FIELD
GUIDE

6 Simple Principles
for Avoiding Painful
Mistakes and
Communicating
Respectfully

SUZANNE WERTHEIM, PhD

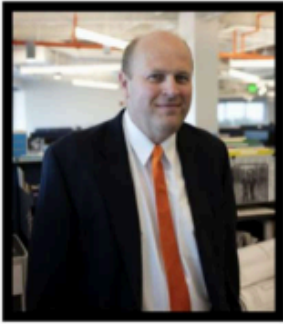
RECOMMENDED PARKING
GARAGES:

HABOR IPARKIT - 229 MILK
STREET

200 STATE STREET GARAGE

Historical Special Feature

Eric Edman - Historical Committee Member



Eric Edman

Hello, and welcome to a new season of Boston ASHRAE. One month into the new season, we had an amazing tour of the new Boston University Computational Sciences Building (aka the Jenga building). We are grateful to all who had a part in such an awesome event to kick off our new season. Boston ASHRAE at its best!

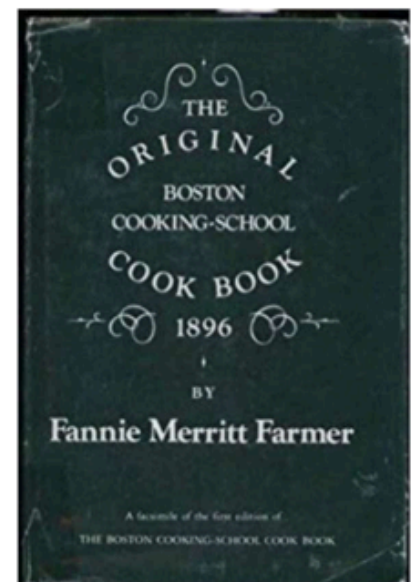
This month, someone asked me to write about schools (since Boston has a few hundred). So, the topic is schools, schools, and more schools. I was also planning to write about one of my favorite fun things-cooking. I decided to merge these two topics and stumbled upon something by accident. The very first Culinary School in the United States opened right here in Boston. You can guess the name- The Boston Cooking School. The BCS was founded by the Women's Education Association at 158 Tremont Street back in 1879. This marked a VERY big deal in the development of culinary education here in America.



158 Tremont Street in 1891 (Looking south -The Park St Church across still standing today on right)

One of the more famous graduates of the BCS was an exceptionally bright young lady named Fannie Farmer. Ms. Farmer went on to open her own school and publishing her first book "Boston Cooking School Cookbook" in August of 1902. The BCS formerly merged with Simmons College shortly thereafter.

When the BCS first opened in 1879, tuition at the school was inexpensive so that all could attend. This served the masses and raised our quality of living. Besides regular educational classes, there were off-site lectures and demonstrations. Courses on nutrition, science, and anatomy were offered to help people understand the value of good food and healthy choices.



The 1896 Published Cookbook from the BCS.

Educational

SCHOOLS IN THE CITY

**Miss Farmer's SCHOOL
-OF- COOKERY**

30 HUNTINGTON AVENUE
Telephone 1326-2 Back Bay

DEMONSTRATION LECTURES, Wednesday, Feb. 25, at 10 A. M. and 7.45 P. M.

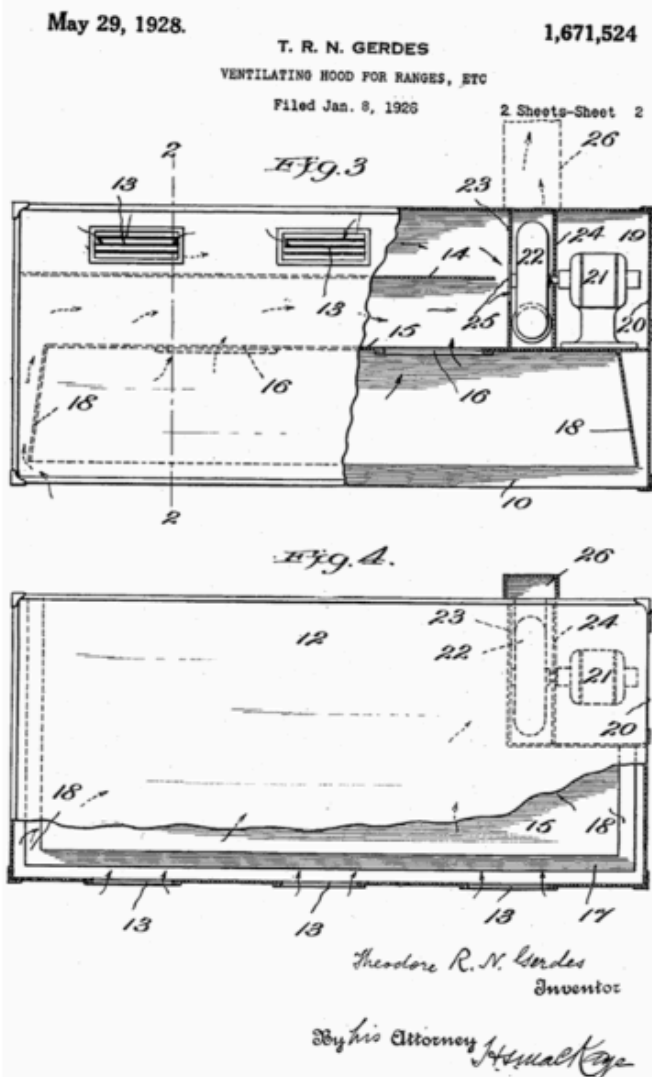
**A WEDDING RECEPTION
WITH SET TABLE**

Admission to Morning Lecture. 30c
Admission to Evening Lecture. 25c
Names now being registered for classes to be held during Lent.

FANNIE MERRITT FARMER, Demonstrator
For twelve years Demonstrator at the Boston Cooking School. (a)STute o 25

An ad from a Boston Newspaper of 1905

Ms. Farmers contributions went far beyond the home kitchen. She developed standardized measurements which replaced vague terms- she approached cooking from a scientific basis and wrote recipes in an orderly step by step process. She lectured at Harvard Medical and Boston's Children's focusing on feeding the sick and recovering patients. Her work contributed to the development of diets and the therapeutic kitchen. My goodness- it seems this woman did not sleep. Figures like Julia Child and Alice Waters cite her as an inspiration that got them started.



The Patent on the first kitchen hood from 1926

What this cooking industry launched for us in HVAC was of course kitchen ventilation. By 1926, the very first patent for a kitchen hood was made by Theodore Gerdes. Ted was a humble engineer from the metro NYC area. A copy of his patent is rather clear still to this day. Commercial kitchen exhaust hoods made the kitchen a far more comfortable space, and by the 1950's it was just about a standard design feature to have kitchen exhaust hoods above the stoves to vent fumes and grease laden air. Codes like NFPA 96 were developed to supplement the early standards of the 1920s and 30's. The 1946 version of NFPA 91 had mention of kitchen ventilation which later peeled off to become NFPA 96 which was first adopted in 1947 and 1949.

NFPA 96 is in wide use around the country and of course in other countries as well.

The history team always looks forward toward your attendance at our chapter meetings- and more importantly hope you will find something to spark your involvement in our industry. Do not sit on the sidelines and miss the fun. The "E" in ASHRAE is for everyone as I like to think 😊

Hope to see you soon.

Eric

Boston Chapter 2026-2027

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
1025	825	360	100	1025	260	50	1025	100	1200

Welcome New Boston Members

We welcome those that joined our chapter last month!

- Chris Vreeland
- Kevin Schmidt
- Antonio Diaz
- Jenniffer Gonzalez
- Itamar Harris
- Brian Owens
- Nathan Henderson
- Sara Dias
- Jasser Hedhiri
- Anuj Khadka
- Amir Abdollahpour
- Stephen Kennedy
- Nicholas Giordano
- Mae Goodgame



ANNOUNCING:



2026-27 BOSTON CHAPTER MEMBERSHIP BATTLE

BATTLE RULES:

When: September 30, 2026 - April 1, 2027

**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.**



Congrats to
CannonDesign
for winning the
'25-'26
Membership
Battle!



<https://join.ashrae.org>



Shaping Tomorrow's Built
Environment Today

EVENTS CALENDAR

Boston Monthly

Joint Meetings

YEA/DIA Events

Special Events

Date	Location	Event Information
Sep 15, 2026	Sam Adams Taproom	Sponsorship Night
Sep 30, 2026	Boston University Hill	Jenga Building (CDS) Tour
Oct 20, 2026	Embassy Suites Waltham, MA	Better Heating and Cooling Using CO2
Nov 17, 2026	WPI	Emerging HVAC&R Technologies & Applications
Dec 8, 2026	DoubleTree Cambridge, MA	Air Conditioning Reinvented
TBD (Fall)	Boston	YEA
Dec 2, 2026	170 Milk Steet, Boston, MA	DIA Book Club
Jan 12, 2027	DoubleTree Cambridge, MA	
Feb 9, 2027	Embassy Suites Waltham, MA	Refrigeration
Mar 9, 2027	Embassy Suites Waltham, MA	(AEE Joint Meeting)
Apr 13, 2027	DoubleTree Cambridge, MA	
TBD	TBD	Sustainability Event
TBD (Spring)	Boston	YEA
TBD (Spring)	Boston	DEI
May 10, 2027	Pinehills Golf Club Plymouth, MA	ASHRAE Golf Outing
Jun 8, 2027	TBD	Installation Of Officers

BOSTON CHAPTER OFFICERS



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Kellie Sacco

RT Forbes



President-Elect

Catie Ball

Trane



Vice President

John Maw

FMC Technologies



Secretary

Bailey Estes

CMTA



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

Thank you to our 2026 Boston Chapter sponsors. Our corporate sponsorship program helps the chapter meet their research promotion goals and supports chapter activities.

