



**2018-2019 Officers**



*Dan Carington*  
President



*Mark Leonard*  
President-Elect



*Deanna Adkison*  
Vice President



*Will Cunningham*  
Secretary



*Chris Pietrocarlo*  
Treasurer

**February Meeting  
Rescheduled**

**Tuesday February 19, 2018**

**Main Meeting:**

**Slash Lab and Commercial  
Building Energy Use and  
Improve IEQ**

*Membership Promotion / Student  
Activity Night*

Please see **page 3** for more  
information.

**Where:**

**Metro Meeting Center**  
101 Federal St, 4th Floor  
Boston, MA 02110

**Time:**

5:30 - 6:30 PM Networking  
5:30 - 6:15 PM Technical Session  
6:30 - 7:00 PM Social/Registration/  
Dinner  
7:00 - 8:00 PM Main Presentation

**Cost:**

ASHRAE Boston Members: \$50  
Non-ASHRAE Boston Members: \$60

**Table of Contents**

President's Message	2
Monthly Meeting Details	3
November Meeting	4
Historical News	5
Meeting Recap	6-7
Employment Ads	8
Student Activities/Editor's Note/ Webmaster's Notes	9
CTTC	10
Product Guide Details	11
Society Updates/News	12
Annual Sponsor Program	13-14
Commitment Form	15
ASHRAE Meeting Schedule	16
BOG & Chairperson & Committees	17
ASHRAE Research	18

**CORPORATE SPONSORS**

**GOLD SPONSORS:**



**SILVER SPONSORS:**



Please register online at [www.ashraeboston.org](http://www.ashraeboston.org)  
If you have any questions, you may contact Lucas Rowe or Alex Gilman, Attendance Chair, at  
[ashraebostonattendance@outlook.com](mailto:ashraebostonattendance@outlook.com).

**Thank You**



## CHAPTER PRESIDENT’S MESSAGE

By: Dan Carington

Hello Members,

Happy Valentine’s Day! Reminder February 14<sup>th</sup>, do not forget to show your loved ones just how much you care with candy, flowers, card or even a Valentine’s Day poem if you are daring enough! Congrats to the New England Patriots, we are in the Super Bowl once again, are you not excited? I am sure many people are excited about this upcoming weekend, I truly am!

Want to thank all 100 plus members that came out for our January 8 meeting to honor our Past Presidents and Hall of Fame recipients Ms. Stacie Suh, Mr. Mike (Michael J) Sconsoni, and Mr. Jim (James F) Liston. Thank you Mr. Eric Edman for honoring our Hall of Fame recipients and the great presentation on the History of ASHRAE for Historian Night. In addition, a very special thank you to Mr. Bill Gnerre and Mr. Kevin Fuller on their Main Session topic on “Why Does It Take So Long With So Much Effort to Get the Control System Working to Your Satisfaction?”, we greatly appreciated you all taking the time to present to our chapter members and guests.

*Due to impending storm on February 12, our officers and I voted to postpone the meeting the afternoon on February 11 until February 19, to allow members and guests to be home safely with their families. We hope this was not an inconvenience to anyone. I truly look forward hearing from you and seeing you all at our monthly meeting on Tuesday, February 19, 2019! Thank you for your continued support of ASHRAE and the ASHRAE Boston Chapter.*

The February 19 meeting is our Membership Promotion and Student Activity Night, the meeting will be at the Metro Meeting Center in Boston. For our Tech Session, we have the honor of having Dr. Marwa Zaatari, PhD., on “What Will ASHRAE Standard 62.1 – 2019 Look like with the Proposed Changes to the IAQ”. We also are fortunate to have ASHRAE Society Distinguished Lecturer Mr. Gordon P. Sharp for our Main Session. Mr. Sharp will be discussing new approach to “Slash Lab and Vivarium Building Energy Use by Up to 50%”. For additional info on the topics and presenter’s bio, please refer to their information in the newsletter.

We are actively seeking a Government Affairs Committee (GAC) chairperson. If you have experience in this role in the past and or would like to volunteer for the position, please contact me at your convenience. If you are interested in joining our awesome team of volunteers, please do not hesitate to contact any of our board members on our newsletter or me. Volunteering with ASHRAE is an excellent way to give back to our growing industry and provides you the opportunity to network with your peers.

Any comments or questions I can help you out with please contact me at [c001@ashrae.net](mailto:c001@ashrae.net) or call me at 617-462-2538.

Presidential Award of Excellence									
Boston Chapter - 2018-2019									
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	Chapter PAOE Point Totals
1052	935	325	365	625	1710	425	400	0	4785

## Monthly Meeting Details

### When

Tuesday, February 19, 2019  
5:30 PM - 8:00 PM

### Location

Metro Meeting Center  
101 Federal St, 4th Floor  
Boston, MA 02110

### Registration

Member – \$50.00 ASHRAE Boston Chapter member registering to attend.

Non-Member – \$60.00 Non-member of ASHRAE Boston Chapter registering to attend.

*Registration is closed*

When:

Tuesday February 15th, 2019

### Meal Menu:

**BBQ Shredded Pulled Pork (GF)**

**Vegetarian & Vegan**

**Options Available (V-VE-GF)**

**Rice & Red Beans (VE~GF)**

**Coleslaw (VE~GF)**

**Corn Bread (V)**

**Metro Café Tossed Salad (V)**

*Hearts of Romaine, Cucumbers, Red Onion Slices, Tomatoes*

**Peaches & Cream (V)**

*Whipped Cream & Peaches on Pound Cake*

**VE~Vegan**

**V~Vegetarian**

**GF~Gluten-Free**

### Meeting Timeline:

5:30 - 6:30PM Networking

6:30 - 7:00PM Social/Registration/Dinner

7:00 - 8:00PM Main Program - 1.0 PDH

Parking: Garage at Post office Square, Zero Post Office Square, Boston, MA (\$9 after 4:00 PM)

**RSVP** by 12:00pm (noon) Friday February 15th, 2019.

If you would like a vegetarian meal, please check box in registration form

Please register online whether pre-paying with credit card / PayPal.

## UPCOMING MEETING INFORMATION

### **Main Session Lecture Topic: *Slashing Lab and Vivarium Building Energy Use by up to 50%***

The largest source of a laboratory or a vivarium’s energy consumption and carbon emissions is often the significant use of outside air to provide high Air Change per Hour (ACH) dilution ventilation. In the past a prescriptive approach to ventilation was advocated that made it difficult to save energy in these facilities. However, a demand based control approach to ventilation is now being used successfully in many facilities to cut HVAC energy use significantly. This approach as mentioned in the new 2011 ASHRAE Applications Handbook uses real time sensing of lab room contaminants to vary the minimum ventilation rate of the lab or vivarium to provide both better safety and lower energy use. This talk will review the concept and an enabling technology as well as provide some case study results and quantitative analyses of energy savings and first cost impacts.

**Bio:** Mr. Sharp is the chairman of Aircuity, Inc. and has over 25 years of wide-ranging entrepreneurial experience and more than 25 U.S. patents in the fields of energy efficiency and laboratory controls. As founder, former president and CEO of Phoenix Controls, he led the development of this world leader in laboratory airflow controls that was acquired by Honeywell in 1998. The technologies invented by Mr. Sharp at Phoenix Controls are today saving over \$1.5 billion annually in energy use. In 2000, Mr. Sharp founded Aircuity, which was spun out of Honeywell and is a smart airside energy efficiency company.



Mr. Sharp is a graduate of MIT with bachelors and master’s degree in electrical engineering. He is Executive Vice President and a member of the board of directors of I2SL (International Institute for Sustainable Laboratories), the nonprofit foundation that operates the Labs21 conference. He is also a member of two important standards on ventilation: the ANSI/AIHA Standard Z9.5 Committee on Laboratory Ventilation and the ASHRAE SSPC 170 Committee on Ventilation of Health Care Facilities. He is also a voting member of ASHRAE technical committee TC9.10: Laboratory Systems and TC9.11: Clean Spaces/Cleanrooms.

Mr. Sharp is a frequent speaker at national and international conferences on the topics of energy efficiency in buildings and indoor environmental quality and has testified before the US Congress on the topics of climate change and energy efficiency.

### **Tech Session Lecture Topic: *Update on ASHRAE Standard 62.1 and LEED***

Topic 1: What will ASHRAE Standard 62.1-2019 look like with the Proposed Changes to the IAQP, NVP and VRP?

- Overall Direction for Modifications to Standard 62.1
- The New IAQP
- Major Changes to the VRP and NVP

Topic 2: New LEED Pilot Credit PC124

Topic 3: Case Study



**Bio:** Ms. Marwa Zaatari is Vice President of Building Solutions at enVerid Systems since 2015. She leads design of ventilation and filtration/sorption systems in buildings, manages systems installations and integration into HVAC systems, energy and indoor air quality protocol development and field measurements and monitoring. Marwa holds a Ph.D. degree in Environmental Engineering from the University of Texas at Austin. Her interests and research have focused on energy efficiency, indoor air quality, measurement and modeling of the fate, transport, and control of indoor pollutants, human exposure assessment to airborne pollutants, building energy and environmental measurements. Marwa is a member of several ASHRAE Committees, voting member of Standard 62.1, Chair for TRG4 Indoor Air Quality Procedure, Vice Chair of MTG.HWBE Health and Wellness in the built environment, TC2.3 gaseous removal contaminants, voting member Standard 145.2 laboratory test method for gas-phase air cleaning systems, LEED Committee member, and ex-Chair of LEED IAQP Working Group.



## HISTORICAL NEWS

By: Eric Edman



### ASHRAE Boston History Games

We are quite pleased so many of you enjoyed the Tech Session Historical presentation at the January meeting. We had a lot of fun presenting all this information. This was a brief history of ASHRAE, and also how we formed as Boston ASHRAE. Based on numerous requests, we will put the power point presentation on the chapter website.

In addition to the history theme, we invited all our Past Presidents and Life Members to attend. It was great to gather a few Past Presidents and several of our Life Members. Pictures of the groups are published for your information in this newsletter.

Special shout out to Bud Jensen who served in 1982-1983 for travelling to spend the evening with us.

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

### History Trivia.

The answers were also revealed at our January meeting during the TECH session:

1. In what year did our subway system open? Where did it go from and to?  
*1897-Park Street to Boylston Street. Much of this has been absorbed into the MBTA Green line system. NYC came next in 1904 and Washington DC-1976.*
2. Name the first person to die in the Revolutionary war.  
*I originally titled this, who was the first American. Well, since we had not become American yet, the question had to be retitled. Crispus Attucks is the answer. He was an African American. Oddly enough, we had to fight several wars to gain freedom from slavery. First, we had to become independent from England.*
3. What Civil War Regiment is honored at the Massachusetts State House?  
*The 54th of Mass. It was the first all African American unit in the US Army. We highly recommend watching the movie "Glory" which depicts this unique fighting unit.*
4. Which Boston poet is credited with saving the USS Constitution?  
*Oliver W Holmes in 1830. The poem generated enough public sentiment that the historic ship was preserved. Today, Constitution is well known by its nickname "Old Ironsides" and is the oldest commissioned ship in the world still afloat.*
5. What was Paul Revere's vocation?  
*He was a man of many hats, but most famous perhaps for being a metal smith in copper and silver. Revereware is still in existence today. You may be interested to note, his great, great, great, great grandson was allowed the honor to replace the missing copper plates attached to the hull of the USS Constitution in 2015.*
6. Boston had a shopping center called downtown crossing. Could you name some of the famous stores that once had shops there?  
*Jordan Marsh, and Filene's.*
7. What tradition started in a retail apparel store in downtown crossing?  
*Filene's held an annual event called "The running of the brides". It ended in 2011.*
8. The "old" Boston Garden was torn down (when??) What Boston Bruins player was gifted the "Penalty Box" of the old Garden?  
*Opened in 1928, the "Gahdin" was torn down in 1998. Terry O'Reilly. The Bruins gave it as a home away from home gift.*
9. What local Ice cream parlor started in Post Office Square?  
*Brigham's in 1914. The flagship store opened in Newton Highlands in 1924.*
10. What is the state dog of Massachusetts?  
*The Boston Terrier- a breed indeed.*
11. When did the Boston marathon start? Can you name the person who has won the most Boston Marathons?  
*1897 is the answer. Ernst Van Dyke- 10 x wheelchair South African native holds the record. The first Boston Marathon included only 15 runners, all of whom were men.*

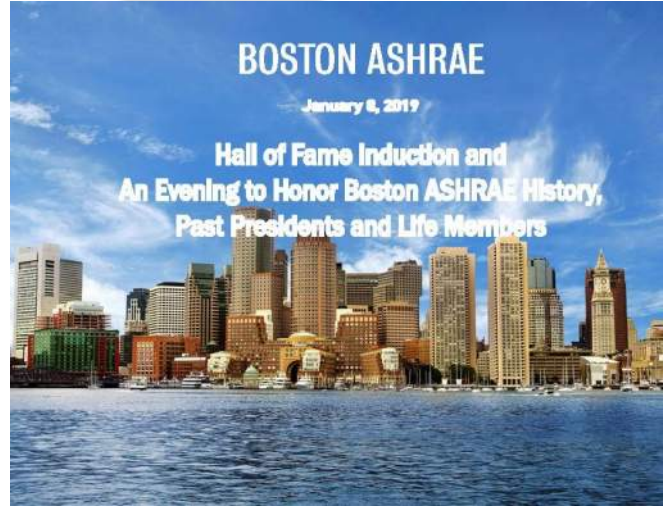
## Meeting Recap

By: Liz Desmarais



It was standing room only with well over 100 members in attendance on Tuesday night, January 8th, at Boston ASHRAE's annual Hall of Fame Induction ceremony together with a tribute to the history of Boston ASHRAE and an honoring of past presidents and life members.

Thank you to President **Daniel Carington, LEED AP BD+C** for hosting this important evening, and to Eric Edman for his beautiful tribute to Jim Liston, Stacie Suh, and Mike Sconsoni. Jim Liston was present to accept his award. Both Stacie Suh and Mike Sconsoni passed away last year and their posthumous awards were accepted by Past President Darcy Carbone and Mike's wife, Marie, respectively.



Below Left: Historian Eric Edman (L) and President Dan Carington (R)



Below Right: Hall of Fame Induction. (From left to right) President Dan Carington; Marie Sconsoni accepting on behalf of her late husband, Mike; Past President Darcy Carbone accepting on behalf of the late Stacie Suh; and Jim Liston.

Past Presidents. (From left to right) Arthur "Bud" Jensen 1983-84; Steven Rosen 2007-08; Enrique De Los Reyes 2005-06; Robert Persechini 1989-90; Edward Waldman 1994-95; Steve Tafone 2004-05; Darcy Carbone 2006-07; Eric Edman 1997-98; Jeffrey Schultz 2008-09; and Jim Magerian 1990-91.



Life Members. From left to right: Arthur "Bud" Jensen; Edward Waldman; Jeffrey Schultz; Mike Spence; Fellow Howard McRuw; John Sullivan, Bruce MacRitchie and Robert J. Barstow

## Meeting Recap

By: Liz Desmarais



Historian Eric Edman presented an enjoyable and witty history of our Boston ASHRAE Chapter. Our Main Presentation at 7pm sparked a lively debate and a lot of audience participation as Bill Gnerre discussed "Why it takes so long and so much effort to get your Control System running to your satisfaction".

From left to right: Bob Persechini; Lance Brown; Eric Edman; Bill Gnerre and President Dan Carington.



All in attendance were honored to be a part of this very special evening. Boston ASHRAE is proud of and grateful to our past presidents and life members - it is a proud legacy, indeed.



## Cx Associates Is Hiring!

### Senior Mechanical HVAC Engineer

Cx Associates is looking for a Senior Mechanical HVAC Engineer who shares our interest in making a positive impact on the environment. CxA:

- Is a socially responsible, mission-driven Burlington, VT-based consulting firm.
- Provides excellent benefits and a competitive salary in a flexible and employee friendly work place.
- Believes in a solid work/life balance not often found at other engineering consulting firms.

This position requires at least 8 years' experience with HVAC systems and controls, including HVAC design, systems optimization, building commissioning, and analysis for energy efficiency. The ideal candidate is a creative problem-solver, intellectually curious, a skilled writer, eco-conscious, and knows their way around software. Candidates should have at least a bachelor's degree in Engineering or another related field. A Master's, Professional Engineer (P.E.) certification, and/or LEED AP certification would be an asset. Building commissioning and/or energy efficiency experience preferred.

**For more information and to apply, visit**

<http://www.cx-associates.com/employment>

## ASHRAE Boston Chapter – Employment Ads

The NorthEastAire is published monthly, September through June. It is posted on the Chapter website at [www.ashraeboston.org](http://www.ashraeboston.org). A link is sent each month to all members of the Chapter, currently over 1000.

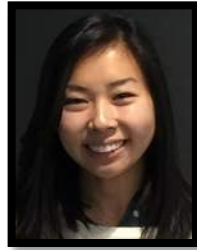
**Newsletter Rate\*:** \$250 for 1/4 page, \$450 for 1/2 page, \$800 for full page

**Website Rate\*:** \$300 per calendar month

**Discount for Both Newsletter & Website\*:** \$500 - 1/4 page in newsletter and website ad  
\$700 - 1/2 page in newsletter and website ad  
\$1,050 - full page in newsletter and website ad

**Format:** Word format, company logos in .jpg or .gif

**Deadline for March Newsletter:** February 25, 2018



## STUDENT ACTIVITIES

By: Yuka Narisako

ATTENTION STUDENT MEMBERS: Applications for our annual Cheryl Rossini Future Engineers Scholarship is live on our website! **The scholarship application deadline this year is February 15, 2019!** Please visit [this link](#) for application, eligibility, and deadline information! You can also visit the [society scholarship page](#) for the same information, as well as other scholarships awarded by other branches of ASHRAE.

Please contact me at [coo1sa@ashrae.net](mailto:coo1sa@ashrae.net) with any additional questions!



2018-2019 edition materials for the **March** newsletter is due by **February 25, 2018**.

Please submit employment/want ads in .pdf, .doc or .jpg format. A company logo may also be included. Feel free to send any ideas you would like to share or include in next issue.

## EDITOR'S NOTE

By: Sophia Scoon

For additional information, refer to our website at [www.ashraeboston.org](http://www.ashraeboston.org).

For more information, please e-mail [northeastaire@gmail.com](mailto:northeastaire@gmail.com)



## Webmaster's Notes

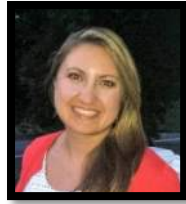
By: Alex Gilman

Please make sure to add [admin@ashraeboston.org](mailto:admin@ashraeboston.org) to your "safe sender" list to prevent emails from going to your spam folder.

Please feel free to send comments and suggestions to [coo1web@ashrae.net](mailto:coo1web@ashrae.net)

Here are some additions to look forward to for THE ASHRAE Boston Chapter Site in the following weeks.

- Updated monthly pictures of previous from previous ASHRAE meetings
- Schedule of future ASHRAE Events

**CTTC**By: *Deanna Adkison***ASHRAE to Begin Renovation to Create New Net-Zero World HQ Building****Media Contact:**

Allen Haynes  
404-446-1677  
[ahaynes@duffey.com](mailto:ahaynes@duffey.com)

**ATLANTA (Jan. 15, 2019)** – ASHRAE announced board approval of a \$15.7 million budget to begin a renovation of its new world headquarters building in metro Atlanta, Ga., with the intent of being designed for net-zero energy efficiency.

The building located at 180 Technology Parkway in Peachtree Corners, is approximately 10 miles north of ASHRAE’s current location. The 1970s-era building was selected from existing building stock with a goal of retrofitting it into a modern, high-performance building.

“ASHRAE is excited to demonstrate innovative leadership in our industry by transforming an existing commercial building into a state-of-the-art built environment,” said 2018-2019 ASHRAE President Sheila J. Hayter. “We want our new world headquarters to be an example of all that we stand for as a society and all that our industry has to offer. This project will serve as an exemplary model for other organizations looking to incorporate similar approaches and designs into new and existing facilities across the globe.”

The renovated world headquarters building will provide a technologically updated, cutting edge work space for ASHRAE members, staff and the public.

“We believe that renovating existing buildings represents the single best opportunity for making a significant impact on sustainability, resiliency and energy efficiency,” Hayter explained. “Reuse of existing buildings and the embodied carbon in those structures is the ultimate form of sustainability. Our challenge is to undertake a retrofit process that will address the uniqueness of this building and to do so cost effectively. This is a significant milestone for our society.”

**Goals of the renovation project are:**

To upgrade an existing building to operate at a higher sustainability level - anticipating net-zero operation - which may be substantiated through available certification programs such as LEED, Green Globes, WELL Building or Living Building Challenge. For this effort, ASHRAE will work to reduce energy consumption to a level below 22 kbtu/sq.ft./year, with a limit of maximum daytime plug load to 0.5 W/sq.ft.

To exceed ASHRAE standards where possible and economically justifiable, by including ASHRAE Standards 90.1-2016, 62.1-2016, and 55-2017. To be a model for reducing the carbon and environmental impacts of business operations in a cost-effective and replicable way. The renovation project will be overseen by a committee of ASHRAE volunteers. In addition, a subcommittee of volunteers will advise on systems and technical components. ASHRAE will move from its current building by October 2020.

For updates on ASHRAE’s new world headquarters building renovations project, visit the [ASHRAE HQ FAQ page](#).

**About ASHRAE**

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 56,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow’s built environment today. For more information, visit [ashrae.org](http://ashrae.org) and connect on [LinkedIn](#), [Facebook](#), [Twitter](#) and [YouTube](#).



## Product Guide

By: *Lance Brown*

Attention product reps and engineering firms alike: ASHRAE Boston is accepting line cards (one-page ads) for the chapter's 2019 Product Guide. Intended to be a one-stop shop for all HVAC products available in the area and engineering firms doing business in the area, the product guide is organized by company, by product type, and by engineering services offered.

The due date for materials and payment is February 13, 2019.

See the web page <http://ashraeboston.org/productguide> for the current 2018 Product Guide and for a link to submit the \$100 payment to be included in the 2019 Product Guide. Applicants will need to submit other materials; contact me or Liz Desmarais ([lizd@trumbullcampbell.com](mailto:lizd@trumbullcampbell.com)) for details in parallel with submitting payment. We are also looking for someone to help out with the Product Guide for next year. Please contact me if you're interested in volunteering.

Lance Brown

[lanceb@bvhis.com](mailto:lanceb@bvhis.com)

## SOCIETY NEWS

### ASHRAE Learning Center



#### Instructor-Led Training

ASHRAE Learning Institute instructor-led training offers many opportunities for you to learn the latest HVAC&R technologies.

[MORE](#)



#### Board & Committee Nominations

Nominations are requested for Officers and Directors on the ASHRAE Board, and for members of standing committees for the 2019–2020 Society year.

[MORE](#)



#### Building Our New Energy Future

What Buildings Professionals Need to Know about Changes Coming to the Electricity Sector, a primer from 2018–2019 ASHRAE President, Sheila J. Hayter.

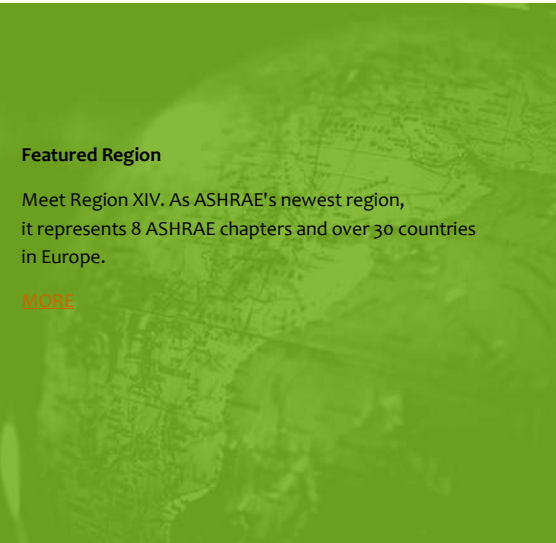
[MORE](#)



#### High Performing Buildings

An innovative renovation of a 1948 bottling house saved a piece of Philadelphia history. And, using twice daily occupancy surveys saves energy by providing enough data to minimize the amount of air conditioning used.

[MORE](#)



#### Featured Region

Meet Region XIV. As ASHRAE's newest region, it represents 8 ASHRAE chapters and over 30 countries in Europe.

[MORE](#)



#### 2019 ASHRAE Webcast

Registration is now open for the 2019 ASHRAE Webcast *The Future of Refrigerants: Unitary and VRF Systems*. Register for one of two convenient dates – April 17 or April 18.

[MORE](#)



ANNUAL CORPORATE SPONSOR PROGRAM

*Support the ASHRAE Boston Chapter by becoming a Sponsor and shining the spotlight on your organization!*

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**EVENT BEVERAGE SPONSOR**

**\$1500**

- Donation of \$300 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display and recognition on name badges at the sponsored event
- One (1) complimentary tickets to the Annual Sponsor Recognition Event

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**SILVER LEVEL SPONSOR**

**\$2000**

- Donation of \$1000 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display on ASHRAE Boston Chapter website and monthly meetings for one year\*
- Full-page ad in the Boston Chapter Roster & Product Guide for one year\*
- Recognition on name badges at all events for one year\*
- One (1) complimentary tickets to the Annual Sponsor Recognition Event

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\*ASHRAE Corporate Sponsorship Year – January 1 to December 31

Questions? Please contact any of the ASHRAE Boston Chapter Corporate Sponsorship Committee members.

Dan Carington

[DCarington@brplusa.com](mailto:DCarington@brplusa.com)

Mark Leonard

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Deanna Adkison

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Bob Persechini

[bob.persechini@nv5.com](mailto:bob.persechini@nv5.com)



## ANNUAL CORPORATE SPONSOR PROGRAM

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### GOLD LEVEL SPONSOR

**\$3000**

- Donation of \$1500 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display on ASHRAE Boston Chapter website and monthly meetings for one year\*
- Full-page ad in the Boston Chapter Roster & Product Guide and half-page ad in the Boston Chapter newsletter – NortheastAire for one year\*
- Recognition on name badges at all events for one year\*
- Two (2) complimentary tickets to the Annual Sponsor Recognition Event
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Tournament

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### PLATINUM LEVEL SPONSOR

**\$5000**

- Donation of \$2500 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display on ASHRAE Boston Chapter website and monthly meetings for one year\*
- Full-page ad in the Boston Chapter Roster & Product Guide and the Boston Chapter newsletter – NortheastAire for one year\*
- Recognition on name badges at all events for one year\*
- Four (4) complimentary tickets to the Annual Sponsor Recognition Event
- Company name on event name badge lanyards for one year\*
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Tournament

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\*ASHRAE Corporate Sponsorship Year – January 1 to December 31

Questions? Please contact any of the ASHRAE Boston Chapter Corporate Sponsorship Committee members.

Dan Carington

Mark Leonard

Deanna Adkison

Bob Persechini

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[dadkison@f-t.com](mailto:dadkison@f-t.com)

[bob.persechini@nv5.com](mailto:bob.persechini@nv5.com)



## ANNUAL CORPORATE SPONSOR PROGRAM COMMITMENT FORM

I would like to become a sponsor for the ASHRAE Boston Chapter!

COMPANY NAME		
NAME OF THE CONTACT		
CONTACT E-MAIL		
COMPANY MAILING ADDRESS		
CITY	STATE	ZIP
NATURE OF BUSINESS		
SIGNATURE		

### SPONSORSHIP LEVEL

Please check one

- PLATINUM \$5000
- GOLD \$3000
- SILVER \$2000
- EVENT \$1500

### PAYMENT METHODS

PayPal – <http://ashraeboston.org/event-2697427>

Check – please mail the completed form and check to:

BR+A Consulting Engineers  
10 Guest Street, 4<sup>th</sup> Floor  
Boston, MA 02135  
ATTN: Chris Pietrocarlo

### SPONSORSHIP CHECKLIST

Please submit the following when you register to become a sponsor

- Sponsorship Commitment Form completed
- Company ad in high-resolution ESP or JPG format to be place in the Roster & Product Guide and/or the NortheastAire.
- Company logo in high-resolution ESP or JPG format to be place on the pre-meeting presentation and/or the Boston Chapter homepage

Questions? Please contact any of the ASHRAE Boston Chapter Corporate Sponsorship Committee members.

Dan Carington

[DCarington@brplusa.com](mailto:DCarington@brplusa.com)

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Bob Persechini

[bob.persechini@nv5.com](mailto:bob.persechini@nv5.com)

**2018-2019 Meeting Schedule**

Date	Main Meeting/ Tech Session	Speaker	PDH Credits	Location/ Special Night
January	"WHY DOES IT TAKE SO LONG WITH SO MUCH EFFORT TO GET THE CONTROL SYSTEM WORKING TO YOUR	Bill Gnerre	Yes	Embassy Suites 550 Winter St. Waltham
Tuesday January 08, 2019	Tech Session: N/A	Eric Edman	TBD	Past President/ History & Hall of Fame Induction
February	<b>New Approaches to Slash Lab and Commercial Building Energy Use and Improve IEQ - DL</b>	Gordon P. Sharp	Yes	Metro Meeting Centers 101 Federal St. Boston
Tuesday February 19, 2019	Tech Session: WHAT WILL ASHRAE STANDARD 62.1-2019 LOOK LIKE WITH THE PROPOSED CHANGES TO THE IAQ, NVP AND VRP?	MARWA ZAATARI	Yes	Membership Promotion/YEA/Student Activity Night
March	<b>SUSTAINABILITY AND RESILIENCE - EXAMPLE OF COMMUNITY AND CAMPUS ENERGY ASSESSMENTS</b>	CHONGHUI LIU (CL), PE	Yes	Embassy Suites 550 Winter St. Waltham
Tuesday March 12, 2019	Tech Session: TBD	TBD	TBD	YEA NIGHT
April	WBGH Tour	David Price	N/A	
Thursday April 09, 2019	TBD	TBD	TBD	
May	2019-2020 Installation of Officers	Mark Leonard	N/A	TBD
May XX, 2019				TBD
June	Golf Outing		N/A	Granite Links 100 Quarry Hill Dr. Quincy, MA 02169
Tuesday June 4, 2019				Research Promotion

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