

Special points of interest:

- NorthEastAire has a new look this year!
- First meeting scheduled for September 18th!
- Chapter Regional Conference recap
- Message from the President
- Meet this year's officers

Inside this issue:

President's Message	2
September Meeting Info	2
CTTC Messages	3
Meet the Chapter Officers	4-7
Sponsors	6
Calendar	8
Officers, BOG & Committee Contacts	10

Welcome to the 2019-2020 ASHRAE year!

The 2019-2020 ASHRAE year is off to a strong start. On August 19th the Officers, Board of Governors, and committee chairs and members all attended the planning meeting to set the year in motion.

The first chapter meeting is scheduled for September 18th and a Young Engineers of ASHRAE (YEA) meeting is planned for October 2nd. See

more info for the September meeting on page 2 and additional events on page 7.

Look through this issue of NorthEastAire to meet this year's officers and committee chairs and members to learn about their positions and what they do for the Boston ASHRAE Chapter!



Chapters Regional Conference

In August, seven members of the Boston Chapter attended the Chapters Regional Conference (CRC) in Buffalo, New York. This year the Niagara Chapter hosted all 15 Region I Chapters.

The members who attended this year's CRC were Mark Leonard,

Dan Carrington, Will Fisher, Alex Gilman, Vineet Nair, and Yuka Narisako. They stayed at Hotel Henry—a beautifully renovated hotel which was once an insane asylum!

Read more about the conference on page 3.

First Meeting!

What?

Tour of Boston College Central Heating Plant

When?

September 18, 2019
5:30—8:30 pm

Where?

Boston College
Details to follow

[CLICK HERE](#)
To Register!

More info on page 2





Mark Leonard
ASHRAE Boston
Chapter President

"I would like to commend Dan Carrington on his phenomenal leadership this past year as ASHRAE Boston President."
- Mark Leonard

Message From the President

Welcome back to another exciting year of ASHRAE!

First of all, I would like to commend Dan Carrington on his phenomenal leadership this past year as ASHRAE Boston President. Dan helped the Boston Chapter grow in member numbers, hold successful Social and YEA events to promote chapter involvement, and put on a great lineup of technical programs including two tours! The Chapter owes him!

As Chapter President, I am excited to continue the momentum that Dan and past presidents have created. During our summer planning meeting, the officers and committee chairs discussed ways to improve the Chapter's operations, continue to develop our technical program, and continue to promote membership and involvement within the Chapter. As many of you know, ASHRAE requires a network of volunteers to function

properly, from our Chapter level all the way to Society. Please see any of the officers or committee chairs if you are interested in volunteering, or even simply learning about volunteer opportunities. There is something for everyone to do!

I hope you are able to attend our first meeting on September 18, which will be a tour of the new central heating plant at Boston College. There will be a variety of presenters who were involved in the project from start to finish. There will be a cap on the number of attendees due to logistical efforts so be sure to sign up quickly.

Please email me at c001@ashrae.net or contact any of the volunteers with questions, concerns, or suggestions to help improve our chapter.

Kind regards,
Mark Leonard

September Meeting - Wednesday September 18th

Boston College is undergoing a major upgrade and expansion to their central heating plant. The plant provides high-pressure steam for heating and domestic loads to nearly 2.8-million square-feet of buildings on campus. This project will improve reliability, add redundancy, and increase the overall steam capacity of the plant with the addition of 2 new 40,000 lbs/hr high-pressure fire-tube steam boilers.

This ASHRAE-Boston meeting at Boston College will include a presentation outlining the technical details of the project and its purpose followed by a tour of the existing CHP and the expansion. The presenters and tour guides will review the countless design and construction challenges associated with the project location, the schedule, and the existing portion of the CHP which remains operational 24/7 throughout the duration of the work.

- Agenda** 5:30—6:15 Social Hour / Heavy Passed Hors d'oeuvres / Announcements
6:15—6:45 Presentation
6:45—8:00 Tours
- Presenters** Dan Diorio—Boston College—Owner PM
Harry Shanley—Cannon Design—Architect & Engineer
Marisa Nemick—Cannon Design—Architect
Peter Knauf—Preferred Utilities—Equipment Manufacturer
- Notes** To RSVP [CLICK HERE](#)—spaces are limited for this event!
See updates on the [Boston ASHRAE Chapter LinkedIn](#) page.
- Meeting Location** Conte Forum, Shea Room
- Parking** Beacon Street Garage—2599 Beacon Street, Boston



Chapters Regional Conference

Our members who attended the CRC were able to enjoy the local attractions in addition to attending conferences and meetings. They ventured to Niagara Falls and rode on the Maid of the Mist, ziplined to the Canadian side of the Falls, ate buffalo wings at Duff’s Famous Wings, and attended the Buffalo Chapter 100 Year Gala Celebration!

The Chapters Regional Committee Meeting was held in conjunction with the CRC. Boston was represented at the Orientation Session, the Caucus, the Business Session, and the Executive Session. At this meeting they voted on motions and incoming leadership for the Region I Society Officers, Directors-at-Large, Society Committees, and Society Honors and Awards.

Our members shared our past year’s accomplish-

ments with the board and the other Region I chapters.

At the awards luncheon four members of the Boston Chapter were recognized :

- ◇ Yuka Narisako—Student Activities Chair for Outstanding Growth Leadership Award by 150%
- ◇ Sophia Scoon—Newsletter Editor Black Ink Award
- ◇ Mark Leonard—Certificate for Research Promotion, Full Circle Chevron, Gold Treasury Ribbon, Endowment Chevron
- ◇ Dan Carrington—Chapter President Chapter for Special Citation with Honor Roll award for Presidential Award of Excellence (PAOE)

Black Ink Award for NorthEastAire 2018-2019!

ASHRAE Boston Chapter Newsletter Editor Sophia Scoon, received The Black Ink Award 2018-2019 at CRC 2019 Region I. “I want to thank Boston Chapter Officers and Committee chairs for being on time with their articles and supporting my newsletter efforts every month. We wouldn’t have received this award if it wasn’t

for all your efforts. I specially want to thank Dan Carrington for a great president role during this period. I am looking forward to transitioning this role to Allison and providing her with the needed support to succeed as the Newsletter Editor.” said Sophia Scoon when she received the award.



Sophia Scoon with the Black Ink Award

Presidential Award of Excellence

Boston Chapter - 2019-2020

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>1067</u>	<u>435</u>	<u>400</u>		<u>100</u>	<u>20</u>			<u>50</u>	<u>400</u>

Meet your officers and committee chairs and members
Learn who they are and what they do!

Chapter Technology Transfer Committee

Research Promotion—Thank you for all your ongoing support of ASHRAE research. I will be attending the ASHRAE Research Promotion centralized training next weekend and look forward to helping our chapter reach our goals for the 2019-2020 year. Look for an update with our goals for this year and progress in the upcoming newsletters.

In the meantime, you can start helping us reach our goals now by donating online at www.ashrae.org/donate. If you want to donate a different way please let me know; we can always accept donations at upcoming meetings.

To find more information on resource promotion, please go to <https://www.ashrae.org/about/support-ashrae/rp>.

Please contact me with any other questions you may have or if you would like to be directed to additional resources.

Thank you!
 Deanna Adkison
 C001rp@ashrae.net

Refrigeration—What is the phase out schedule for R-134A?

As you probably heard, R-134A is being phased out due to its global warming potential (GWP). Unlike the CFC and HCFC phaseouts, R-134A refrigerant production will not be restricted but the equipment that uses it will be. The equipment phaseout will be as follows:

- ◇ 2021- Automobiles for this model year (cars produced in 2020)
- ◇ 1/1/2021- Domestic refrigerators and freezers.

◇ 1/1/2024- Centrifugal and positive displacement equipment.
 Steve Tafone
 c001ref@ashrae.net

Student Activities—Yuka Narisako collaborated with other student activities committee chairs at the CRC to discuss strategies to get more student members and student engagement with ASHRAE.

The Boston Chapter is also interested in engaging with K-12 students and promoting STEM careers! Ideas include participating in school career days, take your child to work day, and engineers week activities. If you know of school systems that have these programs and would like to get involved please contact Yuka at c001bog12@ashrae.net

Secretary

My responsibilities as the Secretary Chair is to record and write down all meeting notes, ideas, and suggestions that are discussed during the board of governors meeting. This way we are able to track and look back at all that was discussed during the meeting.

By Alex Gilman
 c001sec@ashrae.net

From the Editor

What is the CTTC? The CTTC is the Chapter Technology Transfer Committee. The members of this committee are responsible for sharing technical information to the Boston ASHRAE members. They are also responsible for promoting the chapter's Technology Awards program and encouraging entries into the regional competition. This committee keeps the chapter informed of technical issues related to heating, ventilation, refrigeration, and air conditioning. The CTTC members plan an organize the speakers and other logistics of the monthly chapter meetings.

Meet the Sustainability Committee

By Vineet Nair

As the 2019-2020 ASHRAE year begins, allow me to introduce this year's Sustainability Committee, I, Vineet Nair will act as Chair and Lance Brown will act in an advisory role. This will be my first year as chair and I'm hoping to bring in new sustainability ideas and projects that we can work on as a chapter. For the coming year, I plan to raise awareness about ASHRAE's sustainability initiatives and standards which should aid in promoting an energy conscious approach for projects in the region.

Below are just examples of publications that should be used as references on all relevant projects, which are available at a reduced cost to all ASHRAE members through the ASHRAE Bookstore ([Techstreet](#)).

- ◇ ASHRAE Greenguide: Design, Construction, and Operation of Sustainable Buildings, 5th Edition
- ◇ ASHRAE Guide for Sustainable Refrigerated Facilities and Refrigeration Systems
- ◇ Advanced Energy Design Guides (Free Downloads)
- ◇ Energy Efficiency Guides for Existing Commercial Buildings

In every newsletter I will also make it a point to call out all sustainability and energy efficiency related courses over the following two-month period, but members

are encouraged to visit the ASHRAE website regularly and register for courses well in advance as the seats do fill up quickly.

- ◇ 17 Sep 2019 - Combined Heat and Power: Creating Efficiency through Design and Operations
- ◇ 2 Oct 2019 - How Smart, Efficient, Sustainable Systems Lead to Improved Resilience
- ◇ 10 Oct 2019 - Laboratory Exhaust Stacks: Safe and Energy Efficient Design
- ◇ 29 Oct 2019 - Designing and Operating High-Performing Healthcare HVAC Systems

In going with ASHRAE theme of 'Broadening ASHRAE's Horizons' we plan on conducting a chapter sponsored community sustainability project, with ideas ranging from helping local charities lower costs related to HVAC&R and domestic hot water to initiatives like Habitat for Humanity. We would like to formalize a project idea by this time next month and the entire ASHRAE Boston family is encouraged to reach out to me if you have ideas for a sustainability related ASHRAE Boston event or projects where you feel we could make a difference. Also, if there are members interested in being a part of this committee going forward, I would highly recommended reaching out to me at the earliest convenience.

Vineet Nair
ASHRAE Boston Sustainability Chair
c001sus@ashrae.net

Membership Promotion

As membership promotion chair it is my responsibility to ensure that all current members are aware of the resources and benefits of membership to ASHRAE. It is also my duty to make non-members of ASHRAE aware of our organization and give them reason to join. My goal for this year is to grow interest in ASHRAE in young engineers and students.

- Lucas Rowe
- c001mem@ashrae.net

YEA Committee (Young Engineers in ASHRAE)

The chair of the YEA is responsible for enhancing the experience and benefits provided to young ASHRAE members (35 years of age and younger). This responsibility includes the planning dedicated events, raising awareness, and advocating for the YEA community.

- Willie Dawkins
- Gage Foley
- c001yea@ashrae.net

Webmaster

The Webmaster is responsible for ensuring that the Website is maintained with all current ASHRAE information including events, sponsors, Board of Governors, committee chairs and overall appeal for the website. It is the job of the Webmaster to ensure that all necessary information for the Boston ASHRAE chapter is correct and up to date for the public to see.

- Alex Gilman
- Liz Desmarais
- c001web@ashrae.net

Publicity

The Publicity Chair is responsible for posting announcements, information and notices of events on all of our social media channels, and growing our followers. The Publicity Chair also documents all meetings and events by taking photographs and writing a recap for the newsletter. Publicity provides support to the other committees by creating flyers for events. Finally, publicity helps to promote ASHRAE and our Chapter within our community.

- Liz Desmarais
- c001pub@ashrae.net

THANK YOU to our corporate sponsors!



Do You Know What Your Historian Does?

By Eric Edman



Eric Edman
Historian

I was asked this question by a common member who actually just wanted to know more about the officers, the board of governors (BOG), the committees, and how ASHRAE, and ASHRAE Boston actually function.

I've been in ASHRAE my whole life, and I have to admit- this is a very good question. I'd bet big bucks we all have differing views and differing ideas on how, and what ASHRAE is, and does.

That is okay actually.

The fact that there is so much room within ASHRAE for people to get involved is what I really love about this group. Despite all our differences, we really are a great chapter. The diversity is incredible. The options are endless. It is "wicked awesome".

As for what your historian does.

Well, it's sort of implied that I am someone to store our records. We do it electronically today so "paper" is just a thing of the past. This is great as our small closet is chuck full of old paper records of things. The Society-our headquarters -actually has a printed manual of chapter operations and there are "things" in there that your fa-

vorite historian is supposed to do. Actually, I'm expected to come up with a game plan for the year. We call this MBO-or managing by objectives and much of it is repeated year after year. I actually try my utmost to make this history stuff come alive and be fun. Fun stuff we remember, old boring stuff, well, into the closet it goes. I'm expected to host a history night once a year, and invite all our PP's and LM's— that's past presidents and life members to you common folk. They all get an old fashioned invitation in the mail from that crazy historian you elected.

Besides all that, there are special things I am supposed to do to get PAOE points (Presidential Award of Excellence points). The person with the most PAOE points in their chapter -by meeting all their MBO's- gets an all expense paid trip for 2 to Hawaii. Pretty cool eh? No such luck I'm afraid. Special things are worth more points, so, I did a deep dive into the history of our own chapter. I had to learn how to make my own power point presentation.. Gosh. Wonders never cease. I get no points for that.

I have done some other deep

dives into the history of the father of refrigeration' and other items brought to my attention. I really try to add as much joviality into all this as well. Engineering can be quite boring. Sharing this with you guys is what keeps me going. Laughter is good medicine.

Actually, I could use a hand with history. If any of you want to be so bold as to get off your chair and help, we can talk. Even your heartfelt suggestions on research into things helps. I might add, if any of you have old pictures of ASHRAE events-share them please. Any special ideas- send 'em my way

I will wish you all well for the ending of summer and gearing up for fall. I can only say how much I look forward to seeing all of you at monthly meetings. Until then...

Eric
c001his@ashrae.net

Schedule of Events

<https://www.linkedin.com/groups/5053857/>

Join and check the ASHRAE Boston Chapter LinkedIn page for the most up to date information!

Date & Time	Event	Location	Details
September 17, 2019	Webinar: Combined Heat & Power	Online—Link Here	ASHRAE Webinar: CHP Creating Efficiency through Design and Operations
September 18, 2019	First Meeting & Tour	Boston College	Boston College Chiller Plant Tour
October 2, 2019	YEA Social Event	Night Shift Brewing	5:30—7:30 pm, free to attend, dinner
October 2, 2019	AEENE	Embassy Suites Waltham	The Electrical Vehicle Transportation REvolution— Link Here
October 8, 2019	October Meeting	Metro Meeting Center Boston	Commissioning Model of the Future
October 10, 2019	Webinar: Laboratory Exhaust Stacks	Online—Link Here	ASHRAE Webinar: Lab Exhaust Stacks, Safe and Energy Efficient Design
November 19, 2019	November Meeting	Metro Meeting Center	Speaker & Topic TBD

Boston Monthly Meetings	ASHRAE Courses— Complete List
Boston Chapter Special Events	YEA Events
WiA Events	Other Societies Events

EMPLOYMENT ADS FOR SALE!

Your employment ad could be here! No employment ads have been purchased for the September issue of North-EastAire, we know there are companies looking for great employees! Purchase an employment ad through the Boston ASHRAE Chapter and get your ad seen by all of our readers and members.

\$500 will get you one month coverage.

ASHRAE Boston will post your employment ad on the Chapter website for one month, on all social media platforms one time (LinkedIn, Twitter, and Facebook), and print a full page ad in one month of NorthEastAire which is sent by email to over 1,000 members!

Reach out to the Newsletter Editor, Allison Bookstein, at northeastaire@gmail.com with any questions or to purchase an employment ad.

[Boston ASHRAE Facebook](#)



[Boston ASHRAE Twitter](#)



[Boston ASHRAE LinkedIn](#)





Boston Chapter

FOLLOW US

Latest News & Events



[Sign up here!](#)

Do you know the Boston ASHRAE Student Groups?

Government Affairs Update

Many industry professionals work across state lines and need to keep themselves up to date with the ever changing codes of multiple states.

This summer Maine voted to adopt the 2018 IECC statewide taking effect July 1, 2020. Maine also recognized that some jurisdictions will want to adopt a voluntary stretch code that goes beyond the state requirements. The bills that Maine passed will ensure that the state stays consistent with the most recent building and energy codes defined by the IECC for residential and commercial properties. More information can be found [here](#).

- Will Fisher
- c001gac@ashrae.net



BENJAMIN FRANKLIN
INSTITUTE OF TECHNOLOGY
YOUR PATHWAY TO SUCCESS



Northeastern
University



MASSASOIT
COMMUNITY COLLEGE



Massachusetts
Maritime
Academy



Massachusetts
Institute of
Technology

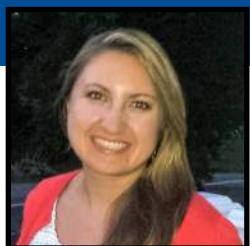


WENTWORTH
INSTITUTE OF TECHNOLOGY

BOSTON CHAPTER OFFICERS



President
Mark Leonard
BR+A
c001@ashrae.net



President Elect
Deanna Adkison
Fitzemeyer & Tocci
c001pe@ashrae.net



Vice President
Will Cunningham
BR+A
c001vp@ashrae.net



Secretary
Alex Gilman
BR+A
c001sec@ashrae.net



Treasurer
Chris Pietrocarmo
BR+A
c001tr@ashrae.net

BOARD OF GOVERNORS

2017-2020	2018-2021	2019-2022
<p>Bob Persechini NV5 c001bog2@ashrae.net</p> <p>Lance Brown BVH c001bog5@ashrae.net</p> <p>Chris Pietrocarmo BR+A c001bog3@ashrae.net</p> <p>William Tang BR+A c00bog10@ashrae.net</p>	<p>Yuka Narisako BR+A c001bog11@ashrae.net</p> <p>Nick Roth NE Applied Products c001bog7@ashrae.net</p> <p>Sophia Scoon Jacobs c001bog8@ashrae.net</p>	<p>Dan Diorio Boston College c001bog4@ashrae.net</p> <p>Liz Desmarais Trumbull Campbell c001bog6@ashrae.net</p> <p>Amy Gebhardt Victaulic c001bog1@ashrae.net</p> <p>Willie Dawkins HTS c001bog9@ashrae.net</p>

COMMITTEES

<p>Attendance Soren Ruvolo BR+A ashraebostonattendanc e@outlook.com</p> <p>Lucas Rowe Accuspec Inc.</p> <p>Society & Government Affairs Will Fisher FIA Inc. c001gac@ashrae.net</p> <p>Lucas Rowe Accuspec Inc. c001gacc@ashrae.net</p> <p>Research Promotion Deanna Adkison Fitzemeyer & Tocci c001rp@ashrae.net</p> <p>Mark Leonard BR+A c001rpc@ashrae.net</p>	<p>Student Activities Yuka Narisako BR+A c001sa@ashrae.net</p> <p>Membership Promotion Lucas Rowe Accuspec Inc. c001mem@ashrae.net</p> <p>Will Cunningham BR+A c001memc@ashrae.net</p> <p>CTTC & Professional Development Will Cunningham BR+A c001cttc@ashrae.net</p> <p>Deanna Adkison Fitzemeyer & Tocci c001cttcc@ashrae.net</p> <p>Alex Gilman BR+A c001tr@ashrae.net</p>	<p>Historical Eric Edman BR+A c001his@ashrae.net</p> <p>Honors & Awards & Nominating Bob Persechini NV5 c001bog8@ashrae.net</p> <p>Communications Allison Bookstein Trumbull Campbell NorthEastAire@gmail.com</p> <p>Publicity Liz Desmarais Trumbull Campbell c001pub@ashrae.net</p> <p>Refrigeration Steven Tafone Suffolk Construction c001ref@ashrae.net</p> <p>Product Show Contact an officer if you are interested!</p>	<p>Reception Soren Ruvolo BR+A c001mem@ashrae.net</p> <p>Lucas Rowe Accuspec Inc. c001gacc@ashrae.net</p> <p>Special Events Amy Gebhardt Victaulic ashraebostonspecialeve nts@outlook.com</p> <p>Women in ASHRAE Sophia Scoon Jacobs c001bog9@ashrae.net</p> <p>YEA Willie Dawkins HTS c001yea@ashrae.net</p> <p>Gage Foley Trumbull Campbell c001yea@ashrae.net</p>	<p>Communications & Webmaster Liz Desmarais Trumbull Campbell c001pub@ashrae.net</p> <p>Alex Gilman BR+A c001web@ashrae.net</p> <p>Sustainability Vineet Nair CRB c001sus@ashrae.net</p> <p>Golf Outing Will Mallia BR+A AshraeBostonGolf @outlook.com</p>
--	---	--	--	---