



2018-2019 Officers



Dan Carington
President



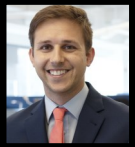
Mark Leonard
President-Elect



Deanna Adkison
Vice President



Will Cunningham
Secretary



Chris Pietrocarlo
Treasurer

March Meeting

Tuesday March 12, 2018

Main Meeting:
**Sustainability and
Resilience - Example of
Community and Campus
Energy Assessments**

YEA Night

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

Where:

Embassy Suites
550 Winter St
Waltham, MA, 02451

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

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CORPORATE SPONSORS

GOLD SPONSORS:



SILVER SPONSORS:



Please register online at www.ashraeboston.org
If you have any questions, you may contact Lucas Rowe or Alex Gilman, Attendance Chair, at
ashraebostonattendance@outlook.com.

Thank You



CHAPTER PRESIDENT’S MESSAGE

By: Dan Carington

Hello Members,

March Madness is just around the corner! Are you ready for it! Come and visit us at our [Facebook page](#), at our [LinkedIn page](#), at [Twitter page](#), and our website at <http://www.ashraeboston.org>. Thanks to both Liz Desmarais and Alex Gilman our social media sites and website are bringing you update information every month, stop on by, follow us, like us, join us and let us know what you think.

A special thank you goes out to both Dr. Marwa Zaatari PhD., on her technical session presentation on *What Will ASHRAE Standard 62.1 – 2019 Look like with the Proposed Changes to the IAQ* and our Distinguished Lecturer Mr. Gordon P. Sharp for our main topic. Mr. Sharp discussed new approach to *Slash Lab and Vivarium Building Energy Use by Up to 50%*, we truly appreciate them for rescheduling their time to attend February 19 to present to our chapter members and guests due to the February 12 snowstorm. Thank you to those members for also taking the time to come out on a February vacation week to show their support of ASHRAE and the ASHRAE Boston Chapter, thank you!

Next month meeting will be on March 12 at the Embassy Suite, 550 Winter St in Waltham, MA. It will be a joint meeting with the Association of Energy Engineers (AEE) with ASHRAE Boston Chapter hosting the night. Please join us in welcoming our main session speaker Mr. Chonghui Liu (CL), PE, our Young Engineers in ASHRAE (YEA) Regional Vice Chair of Region 1. Mr. CL will be presenting on YEA Night about *Sustainability and Resilience – Example of Community and Campus Energy Assessments*. Our technical session presentation will be by Mr. Mark Harrison. Mr. Harrison presentation will be on *Design and Use of Fire Resisting Ductwork Systems as an Alternative Means and Method in Accordance with INTERNATIONAL BUILDING CODES (IBC)*. For additional info on the topics and presenter’s bio, please refer to their information in the newsletter.

ASHRAE Boston Chapter has made available Corporate Sponsorship opportunities available; please visit the [Sponsorship](#) page to register! Please contact Mr. Mark Leonard at coo1pe@ashrae.net for more information. We look forward to your annual sponsorship, we greatly appreciated, and will help with operational costs here at the Boston Chapter tremendously. A huge “Thank you” goes out to J.S. Fleming, NV5, Victaulic, Air Distribution Corporation, BR+A, HTS, Trane and Trumbull Campbell Associates who are already part of the current sponsorship program, thank you again for your loyal support you have provided to the Boston Chapter.

Would like to welcome aboard Ms. Amy Gebhardt who is now our Chapter Special Events Committee Chair, welcome Amy. Amy is from Victaulic and she has experiences in event planning. Please also welcome aboard Mr. William Fisher of Fluid Industrial Associates who is now our new Chapter Government Affairs Chair (GAC), recently promotion of Mr. Kevin Doty to the Victaulic’s office in Florida, congrats Kevin. Please join me in a warm welcoming to both Amy and William to the ASHRAE Boston Chapter volunteer family.

Any comments or questions I can help you out with please contact me at coo1@ashrae.net or call me at 617-462-2538. I truly would love to hear from you with any thought you may have regarding the ASHRAE Boston Chapter.

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
1,052	990	325	365	625	1,710	425	400	370	5,210

Monthly Meeting Details

When

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

Location

Embassy Suites
550 Winter St
Waltham, MA, 02451

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:
Friday March 8th, 2019

Meeting Timeline:

5:30 - 6:30PM Networking
6:30 - 7:00PM Social/Registration/Dinner
7:00 - 8:00PM Main Program

RSVP by 12:00pm (noon) Friday March 8th, 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: Sustainability and Resilience - Example of Community and Campus Energy Assessments

Background

In the current utility and facility design and management landscape, sustainability and resilience goals, unpredictable natural and human-induced disasters (e.g. Hurricane Harvey and Hurricane Irma within recent months), rising energy costs, and lean operation and maintenance (O&M) budgets present fundamental challenges in the way communities and campuses manage their energy and facility resources. This presentation covers two key industry focuses: sustainability and resilience from a mechanical/energy engineer’s perspective. Examples in different physical scales (community, campus, building, and equipment) will be presented to address sustainability and resilience in building mechanical design, energy assessment/planning, and commissioning practices.

Content

- Definition of sustainability and resilience
- Industry guidelines in sustainability and resilience
- Lessons learned from recent natural disasters
- Examples of sustainability and resilience in different physical scales
- Community (microgrid, energy master planning)
- Campus (energy master planning and assessment)
- Building (energy assessment and mechanical design)
- Equipment (mechanical design and commissioning)



Bio: Chonghui Liu (CL) recently joined Popli Design Group as Team Leader, Energy Services. He has 10 years of experience in mechanical/HVAC design, energy assessment/planning, and commissioning.

CL holds an M.S. in Mechanical and Aerospace Engineering from Syracuse University, Syracuse, NY. He is a licensed professional engineer (PE) in the State of New York, Certified Energy Manager (CEM), and LEED Accredited Professional BD+C. He is a project subcommittee voting member (PSVM) of ASHRAE Standing Standard Project Committee 90.1, and a corresponding member of Technical Committee 6.2 (District Energy) and 7.6 (Building Energy Performance).

His technical expertise includes HVAC/plumbing design and optimization, central plant design and optimization, energy master planning and assessments, sustainable design and renewable energy, commissioning and retro-commissioning, and energy/CFD/FEA simulations.

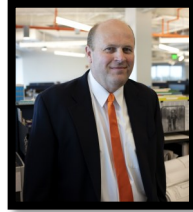
Tech Session Lecture Topic: Design and Use Of Fire Resisting Ductwork Systems as an Alternative Means and Method in Accordance with INTERNATIONAL BUILDING CODES (IBC)

What is Fire Resisting Ductwork?

- Test Methods & Criteria
- Standards & Codes
- Designers Responsibilities
- Installation Guidance
- Fire Resisting Ductwork Types
- Applications
- Listings & Approvals
- Supplementary Products



Bio: Mark Harrison graduated in 1988 after completing an OND & HND in Building Construction. Since then he has been actively involved in the development of passive fire protection products working initially in high integrity steel doors and shutters for 11 years before moving into the HVAC sector in 2000. The success of the product lead to the creation of FIRESAFE FIRE RATED DUCTWORK LTD® and Mark took the role of Technical Manager. In 2011 he joined the Association for Specialist Fire Protection (ASFP) Technical Group 6 to improve his knowledge and understanding of changes to requirements in the industry. Continued involvement in the product development and testing lead to joining the British Standards Institute FSH/22/-/09 Technical Committee in 2015 and last year he became Chair of that Committee now representing the UK as an expert in fire resisting ductwork. In October 2018 Mark was promoted to Commercial Director and in November 2018 he represented the BSI in Europe as a UK Expert which involves writing and developing the European and International Standards (TC127/WG2/TG3 Committee).



HISTORICAL NEWS

By: Eric Edman



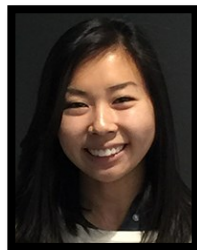
As you read the news in this newsletter, you might want to consider long term plans for the next Product Show. Many of you just have to bring the heaviest piece of equipment. I'll ask-WHY?? Rethink the plans of your booth now. Look at others booths in your travels. What can YOU do to make next year the best it can be??? If you need to talk to someone, the incoming officers are always good to talk with. They can help the easiest now.

The March meeting will be a highlight of the year with a talk on sustainability and resilience. We invite you to join us and, well, make history.

As always, we look forward to greeting you at a meeting. If there is something of historical nature you think interesting, please share it with us. We will do some leg work and share the story with others. Your ideas really do help us.

All our best

Your historical committee.



STUDENT ACTIVITIES

By: Yuka Narisako

Thank you to all of our applicants for the Cheryl Rossini Future Engineers Scholarship! It is truly inspiring to read applications of students who share the same passion for engineering a better-built environment as our ASHRAE members. Scholarship recipients will be notified no later than March 30, and we will be announcing those recipients in the April newsletter – stay tuned!

I would also like to congratulate Jake Pforr of the Massachusetts Maritime Academy for being this year's recipient of the ASHRAE Region I Setty Family Foundation Scholarship! Jake is an undergraduate facilities engineering student, and we look forward to presenting him with his well-deserved scholarship at the March meeting.

Please contact me at coo1sa@ashrae.net with any additional questions!

ASHRAE Boston Chapter – Employment Ads

The NorthEastAire is published monthly, September through June. It is posted on the Chapter website at 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

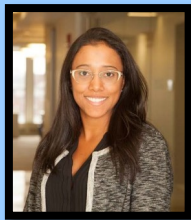
Discount for Both Newsletter & Website*: \$500 - 1/4 page in newsletter and website ad
\$700 - 1/2 page in newsletter and website ad
\$1,050 - full page in newsletter and website ad

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

Deadline for April Newsletter: March 26th, 2018

Any questions, please contact Sophia Scoon, Newsletter Editor at or northeastaire@gmail.com

Sponsors also get to post ads on the newsletter! To learn more please click [here](#)



2018-2019 edition materials for the **April** newsletter is due by **March 26th, 2018**.

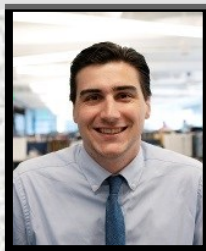
Please submit employment/want ads in .pdf, .doc or .jpg format. A company logo may also be included. Feel free to send any ideas you would like to share or include in next issue.

EDITOR'S NOTE

For additional information, refer to our website at www.ashraeboston.org.

By: *Sophia Scoon*

For more information, please e-mail northeastaire@gmail.com



Webmaster's Notes

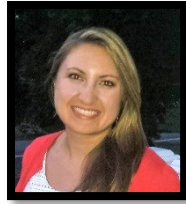
By: *Alex Gilman*

Please make sure to add 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

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, UN Environment Accepting Entries for Lower Global Warming Potential Award****Media Contact:**

Allen Haynes
404.446.1677
ahaynes@duffey.com

ATLANTA (Feb. 1, 2019) – ASHRAE and UN Environment are accepting entries for a jointly established international award program to promote the innovative designs, research and practices of low-GWP alternative refrigerants and related technologies.

The Lower-GWP Refrigeration and Air-Conditioning Innovation Award annually recognizes people who have developed or implemented innovative technological concepts applied in developing countries to innovative designs, research and practices that minimize global warming potential (GWP) through refrigerant management.

“We look forward to seeing entries from innovators who are committed to sustainability through the development and implementation of a new generation of low-GWP efficient solutions,” said 2018-2019 ASHRAE President Sheila J. Hayter, P.E. First Place and Honorable Citation awards are made in two categories:

- Residential Applications
- Commercial/Industrial Facilities

The winners in each category will be selected based on innovative solutions for designs, practice or research using lower-GWP technologies. The selection will take into account the following criteria:

- Extent of need;
- Innovative aspects in transforming conventional practices;
- Technical replicability to developing countries; and
- Economy feasibility to developing countries.

Entries for the 2019 awards will be accepted until May 15, 2019. Winning projects will be publicized by both organizations, and first place recipients will receive a stipend to receive their award at a UN Environment event.

For more information, visit ashrae.org/lowergwp.

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 and connect on LinkedIn, Facebook, Twitter and YouTube.

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!

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

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

*ASHRAE Corporate Sponsorship Year – January 1 to December 31

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

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Deanna Adkison

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Bob Persechini

bob.persechini@nv5.com



ANNUAL CORPORATE SPONSOR PROGRAM

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

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

*ASHRAE Corporate Sponsorship Year – January 1 to December 31

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

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Deanna Adkison

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Bob Persechini

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, 4th 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.

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2018-2019 Meeting Schedule

Date	Main Meeting/ Tech Session	Speaker	PDH Credits	Location/ Special Night
March Tuesday March 12, 2019	SUSTAINABILITY AND RESILIENCE - EXAMPLE OF COMMUNITY AND CAMPUS ENERGY ASSESSMENTS Tech Session: Design and Use Of Fire Resisting Ductwork Systems as an Alternative Means and	CHONGHUI LIU (CL), PE Mark Harrison	Yes Yes	Embassy Suites YEA NIGHT
April Thursday April 09, 2019	WBGH Tour	David Price	N/A	
May May XX, 2019	2019-2020 Installation of Officers	Mark Leonard	N/A	TBD TBD
June Tuesday June 4, 2019	Golf Outing		N/A	Granite Links 100 Quarry Hill Dr. Quincy, MA 02169 Research Promotion

OFFICERS

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ASHRAE RESEARCH

ASHRAE Boston Chapter Contributors

Investors Who
Care About
Tomorrow



CONTACT Mark Leonard at co01rp@ashrae.net

Mail Check (Payable to "ASHRAE Research") to:

ASHRAE RESEARCH
 Mark Leonard
 c/o Bard, Rao + Athanas Consulting Engineers
 10 Guest St. 4th Floor
 Brighton MA 02135

**Your contribution puts us closer to achieving our goal.
 Please send what you can today!**

Individual contributions of \$100 or more and Corporate contributions of \$150 or more receive this year's Commemorative Coin and Honor Roll Contribution status.

Name: _____

Company: _____

Address: _____

TEL: _____

INDIVIDUAL

\$25.00	\$50.00	\$100.00	\$200.00
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Other: _____

CORPORATE

\$250.00	\$500.00	\$1,000.00	\$2,000.00
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Other: _____



NorthEastAire

ASHRAE - BOSTON CHAPTER www.ashraeboston.org

Sophia Scoon

Jacobs

120 St. James Ave. 5th Floor, Boston, MA 02116

(P) 617-2504854 d

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