

Special points of interest:

- March Meeting Info—
Page 4
- PRODUCT SHOW
2020 Exhibitors &
Attendee Sign Up
Open—Info on Page 5
- YEA Event—Cornhole
March 26th
- ASHRAE HVAC Design
Course in Hartford,
CT—Page 8

ANNUAL YEA CORNHOLE TOURNAMENT!

When: Thursday March 26th
6:00—9:00 pm

Where: Ned Devine's Irish Pub
1 Faneuil Hall Marketplace
Boston, MA 02109

Details: Cash Bar
Food Provided
Free Entry
[Details and RSVP Here](#)



March Meeting

How & Why Customers Buy
Energy Projects & Services

Approved for 1.0 PDH

Details on Page 4

[CLICK HERE](#) To Register

Boston ASHRAE PRODUCT & ENERGY SHOW

Tuesday April 14th—3 PM to 8:30 PM
The Lantana, 43 Scanlon Drive, Randolph, MA

- Seminar Schedule Now Available! See Page 2
- Hundreds of New Products!
- New & Cutting-Edge Technology
- Dozens of HVAC Product Booths & Displays
- Industry Networking
- Pre-register [here](#) and see more info online at [Boston ASHRAE Product Show](#) or use our QR Code



PRODUCT SHOW SEMINAR SCHEDULE

The Product & Energy Show 2020: Tuesday April 14, 2020

Room Number	4:00—5:00 pm	5:30—6:30 pm
1	Lew Harriman I : Practical application of thermal cameras to locate and diagnose building moisture and energy problems	Lew Harriman II: Integrated design tips and traps: Interactions between HVAC systems and building enclosures
2	Paul Torcellini : Performance Based Procurement for Outstanding Energy Performance	Rich Trethewey: 40 Years of This Old House
3	Eversource/National Grid: New Construction Rebates	Eversource/National Grid: Renovation Rebates
4	NV5: MEP/FP Basics	BR+A: Net Zero Energy Buildings

ASHRAE Boston Chapter Product Guide is Complete!

The 2020 Product Guide is complete. You should have received an email with a link to the guide and you can find it [here](#) on our chapter website. The guide includes a copy of each suppliers line card, a list of products, manufacturers, and their local representative, as well as local engineering firms and the services they offer.

Are you an owner or engineer looking for a specific product like a water-source heat pump? This product guide gives you 22 different options for manufacturers and tells you which representative is the local contact. Check it out today and save it to your desktop!

Thank you to Lance Brown (AKF) and Matt Leader (APA) for putting this years guide together!

2020 EDITION



**ASHRAE Boston Chapter
Product Guide**

ASHRAE Boston’s March

PET OF THE MONTH!

Amaya!

Amaya is the first non canine to be featured! She is about 5 years old and loves everyone! She is willing to play with her family dogs and even loves when her 8 month old and 2 1/2 year old humans wrestle with her. She is a great sport and holds a special place in the Adkison family household! Deanna Adkison is the Boston Chapter’s President Elect and cat, dog, and human mom extraordinaire!

Nominate your pet for pet of the month by emailing a picture and small bio to northeastaire@gmail.com!



President's Message

Hello ASHRAE Boston Community,

On behalf of the ASHRAE Boston Chapter Board of Governors, Committee Chairs and Members, and volunteers I would like to thank everyone who attended last month's meeting. I would also like to thank Steve Tafone for presenting Basic Electrical for HVAC Engineers. The Board of Governors agreed that it was a presentation that everyone could benefit from. Thank you to Steve for volunteering his time to prepare and present at the February meeting.

I am looking forward to seeing everyone at the March meeting being hosted by The Association of Energy Engineers New England Chapter (AEENE).

If you would like to get involved with the Boston Chapter in any aspect, please reach out to anyone on the board or any committee chairs or members.

Sincerely,

Mark Leonard

c001@ashrae.net



Mark Leonard (BR+A)
Boston Chapter President

2020 Corporate Sponsors



AIR DISTRIBUTION CORPORATION
Manufacturers' Representatives & Distributors



S. J. GINNS ASSOCIATES, INC.

Manufacturers Representative Heating & Air Conditioning Equipment

March Meeting - Wednesday March 4th

P a

Location Embassy Suites Hotel & Conference Center
550 Winter Street
Waltham, MA 02451

Time 5:30—8:30 pm

Presentation: **How and Why Customers Buy Energy Projects and Services**

March's joint AEE NE / ASHRAE Boston meeting will offer three customer perspectives on how and why end users buy energy projects and services. Seasoned energy professionals from the healthcare, manufacturing, and property management sectors will offer their perspectives on the energy project development and buying process, including:

- The key drivers for justifying energy investments, such as sustainability, cost reductions, and operational improvements
 - How projects are developed, and the key traits of valued engineering, equipment, and contracting partners
 - Project funding considerations, including financial criteria, competing demands for capital, CapEx vs OpEx, buying cycle duration, and winning over internal stakeholders
 - Building a successful energy program, including executing projects successfully, measuring and communicating success, leveraging good outcomes to build an ongoing program
- This will be a valuable evening for energy end-users, engineers, and vendors alike.

Presenters:

Jeffrey Myrdek, CEBP, CEM, CMVP, CEA, LEED Green Associate

Global Director for Energy and Sustainability, Global Workspace Solutions, CBRE

Mr. Myrdek operates as a Solution Architect in support of sales and account management for CBRE's Energy & Sustainability Platform. He leads energy audits, supports results for energy efficiency projects and programs, and contributes to the development of new engagement processes for energy audits, financing, and scope development for the project management team. He also interviews and evaluates new technology vendors for their potential incorporation into the service offering for CBRE's clients.

Prior to joining CBRE, Mr. Myrdek garnered more than 30 years' experience in the facilities management and energy & sustainability fields, managing energy and construction projects and programs, performing measurement & verification services, and overseeing various teams. He also gained valuable experience in building automation and energy management systems from an engineering and installation standpoint. He is a past recipient of the AEE NE Energy Manager of the Year award and a core team member that received the AEE 2015 Global Corporate Energy Program of the Year.

Paul Lukitsch, CEM

Senior Facilities Engineer and Energy Manager, Keurig Dr Pepper

At KDP, Paul manages maintenance and operations teams in MA, VT, and TX. Paul is about to undertake leading the Energy Management Team at Keurig Dr Pepper.

Prior to joining Keurig Dr Pepper, Paul was with Millipore Corp where he managed Facilities teams and lead the Energy management team. At Millipore the Energy team implemented over 200 energy savings projects including a 18% reduction in global energy usage, installation of an onsite 310KW solar system, design and installed a \$10Mil Biomass heating plant.

Paul has a Plastics Engineering Degree from the University of Lowell, Ma, is a CEM- Certified Energy Manager, and additional Six Sigma Leadership training. He is also a past winner of AEE NE's Energy Manager of the Year award.

Chris Longchamps, CEM

Senior Facilities Engineer, Mass General Hospital

Chris has worked for Massachusetts General Hospital for almost 30 years as a Senior Facilities Engineer. His focus over that time has been to update MEP infrastructure in various hospital buildings that range in age from new construction to 1811. Over the years, Chris has managed projects saving over \$60 Million dollars in energy savings (clarify, is this total savings over the period, or on an annualized basis). He is currently developing on an energy conservation model that can be monitored and tracked using the building automation system as a continuous commissioning tool.

Chris has an Electrical Engineering Degree from the Wentworth Institute of Technology but is equally proficient in Mechanical Engineering. Chris' projects have also received AEE NE awards for Energy Project of the Year.

Notes To RSVP [CLICK HERE](#)

Member Cost: \$50

Non-Member Cost: \$60

Walk-In Cost: \$60

ONLY A FEW BOOTHS & LOT SPACES REMAINING! REGISTER TODAY!

Product Show 2020

Amy Gebhardt

The Product & Energy Show 2020: Tuesday April 14, 2020

The officers and Board of Directors of the Boston ASHRAE Chapter are pleased to extend an invitation to you and your organization to participate and/or exhibit at the Biennial Product Show which will be held at The Lantana in Randolph, MA on Tuesday April 14, 2020.

Invitations for exhibitors have been sent out and registration is open. This show has been well attended in the past, not only by the general ASHRAE membership, but also by others who work in this field, including Facility Engineers, Hospital Engineers, Building Owners, and Mechanical Contractors. The local Product & Energy Show targets a specific audience so you can talk to the customers who matter to you. Admission is free to all attendees.

DATE TUESDAY APRIL 14, 2020; 3:00 pm to 8:30 pm
 Seminars held at 4:00—5:00 pm and 5:30– 6:30 pm schedule on page 2 of this newsletter
 Product Show 3:00 pm to 8:30 pm
 Dinner 6:30 pm to 8:00 pm

LOCATION The Lantana
 43 Scanlon Drive
 Randolph, MA 02368



<p>ATTENDEES</p> <p>Free Admission! Free Dinner! Free Seminars! Check out our schedule of terrific seminars and Register Today!</p>	<p>EXHIBITORS</p> <p>Booths and Demo Lots are almost gone! Don't Delay! Register Today!</p>
---	---

EXHIBITOR REGISTRATON
 Prices for single, double, triple booths, and trailer spots are \$1,000 per booth and spot
 Reservations will be on a first come, first served basis
 Registration forms have been sent out to those who have exhibited in previous years and are available to all people. Please reach out to the show chairpersons if you would like to register for this years show and if you would like to be on the product show mailing list for future years.

BOOTHS
 Single—8 feet wide x 6 feet deep
 Double—16 feet wide x 6 feet deep
 Triple—24 feet wide x 6 feet deep

- Draped booths will be set up prior to your arrival
- Tables will be available upon your advanced request
- Electricity is available upon your advanced request (no heavy electrical loads permitted)
- Water and drains are not available
- Internet connections are available

FOOD A complimentary buffet dinner will be available to all attendees and exhibitors of the show

SEMINARS ASHRAE has reserved the facility for the entire day. Rooms are available for seminars. Please contact ASHRAE if you are interested in providing a special seminar. An outline of the seminar will need to be submitted prior to approval. The seminars shall be educational and not commercial in nature.

Thank you for your interest in the Boston ASHRAE Chapter Product Show. If you have questions about the product show please see the [website](#) or reach out to the Product Show Committee Chairs below.

Sincerely,
 Product Show Committee
 Chair: Amy Gebhardt, c001bog1@ashrae.net
 Co-Chair: Eric Edman, (617) 925-8325, (617) 548-7054, 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
March 4, 2020	March Meeting	Embassy Suites 550 Winter St. Waltham	How and Why Customers Buy Energy Efficiency—with AEENE
March 26, 2020	YEA Social Event	Ned Devine’s Irish Pub Boston, MA	Annual YEA Cornhole Tournament
April 14, 2020	ASHRAE Product Show	The Lantana Randolph, MA	ASHRAE Boston Chapter Biennial Product Show
April 27, 2020— May 1, 2020	HVAC Design Training Levels I and II	Hartford, CT	ASHRAE HVAC Design Training: Levels I and II Register and Learn More Here
May 12, 2020	Installation of Officers	TBD	TBD
June 1, 2020	ASHRAE Boston Golf Outing	TBD	TBD

[Boston ASHRAE Facebook](#)

[Boston ASHRAE Twitter](#)

[Boston ASHRAE LinkedIn](#)



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

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.

\$500 gives you one full month of advertising. ASHRAE Boston will post your employment ad on the Chapter website for one month, on all social media platforms one time (LinkedIn, Twitter, 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 if you have questions or want to purchase an employment ad.

February Meeting Recap

The Boston Chapter held another great monthly meeting at Metro Meeting Centers on February 11th. Yuka Narisako, Chair of our Student Activities Branch, spearheaded a successful resume review for students and young engineers of ASHRAE. Steve Tafone, PE, presented an excellent session on Basic Electrical for HVAC Engineers to an audience of 70 people. The presentation was well-received by all and provided new information for some and was a helpful refresher for the more seasoned engineers. Thanks to our President Mark Leonard, our Membership Promotion Chair Lucas Rowe, and Yuka Narisako for running a terrific meeting. I would like to give appreciation to our sponsors who support the Boston ASHRAE Chapter; each of our sponsors allow us to contribute to the ASHRAE Society Research Promotion Fund and make it possible for us to advance the HVACR industry to make it more sustainable, efficient, and healthy. Our 2020 Gold Sponsors are Victaulic and J.S. Fleming and our 2020 Silver Sponsors are Air Distribution Corporation, APA, BR+A, Critical Systems, HTS, S.J. Ginns Associates, Inc., RST, NV5, Trane and Trumbull Campbell Associates.

Liz Desmarais
c001web@ashrae.net



Steve Tafone Presents Basic Electrical for HVAC Engineers



Student Activities Chair Yuka Narisako Spearheads the Resume Review During the February Meeting

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>1000</u>	<u>595</u>	<u>500</u>	<u>1020</u>	<u>510</u>	<u>460</u>	<u>0</u>	<u>600</u>	<u>0</u>	<u>700</u>

Historical News

By: Eric Edman - BR+A



Eric Edman
Historian

There are many things about HVAC that have simply, and quietly changed the way we do things as humans. These things are not the idea of any single person, or yet, even one nation. They are quite often a result of some major personal tragedy. Take for instance the father of modern air conditioning (no, it is not Willis Carrier); that title belongs to Dr. John Gorrie who began making artificial ice around 1845. This man suffered through the early death of both of his parents due to Yellow Fever. He, in turn, dedicated his life working to eliminate of the horrible disease. What a noble thing! He almost succeeded medically and in the process he developed, patented, and built a machine to make ice. He eased patients suffering from Yellow Fever by cooling their rooms using melting ice and by applying ice directly to the patients. A ton of ice, in turn, turned into a ton of cooling. A term we use in everyday conversation.

Before that, it was the Chinese that invented the fan (180 AD) and without this we certainly could not circulate “air” with greater effect than plain old gravity flow. The Chinese did not have an electric motor and used manual power, but, this also circulated air to those who were doing the work as well as the rulers who enjoyed a breeze. That is certainly a big two for one.

Now imagine what ice and air circulation have done. They have allowed us to create stable environments. Stable environments have allowed others to develop medicine. The birth of the entire pharmaceutical industry rests on the back of the HVAC industry. The next time you pop an aspirin or reach for some cough syrup, thank your lucky stars that people before us had such incredible fortitude to develop these things that we don’t even think about.

We will close with anticipation to see you at the 2020 Product Show. We hope you will enjoy the great many things the show will offer. We will have a few extra special things at this event. We have been working diligently to bring you the top quality event you expect from the Boston ASHRAE Chapter. See you soon.

Thank you,
Eric Edman
c001his@ashrae.net



ASHRAE HVAC Design Training
HARTFORD

REGISTER NOW



Get In-Depth, Practical Knowledge to Succeed

Level I – Essentials
 April 27 – 29, 2020
 \$1,369 (ASHRAE Member: \$1,089)

Level II – Applications
 April 30 – May 1, 2020
 \$917 (ASHRAE Member: \$749)

Research Promotion Update

Dear ASHRAE Members,

As always, thank you for all your ongoing support of ASHRAE research.



I would like to thank the members who have donated so far this year:

Eric M Edman, Gregory W Shenstone, PE, Allan E Ames, Robert J Persechini, Robert G Andrews, Jr, James E Armstrong, John A Iacopucci, Jeffrey Zajac, Majid Seghatoleslami, Lance Brown, Nick Roth, William K Tang, David H Blum, Deanna Adkison, Liz Desmarais, Amy N Gebhardt, Chris Pietrocarlo, William Cunningham, Daniel P Diorio, Alexander Gilman, and Scott A Havey, R.T. Forbes Company, Neil Schurko, and Thomas R Trumbull.



Deanna Adkison
Research Promotion Chair

With your help, we are making progress towards our goal. We currently have \$10,840 saved towards our goal of \$27,300.

You can start helping ASHRAE reach our goals now by donating online at www.ashrae.org/donate. Let me know if you are interested in donating in another way other than online. We can always accept donations at upcoming meetings as well.

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

2019-2020 Research Promotion Chair

C001rp@ashrae.net

Attention Massachusetts Residents in the HVAC Industry

On January 22, 2020 the Baker-Polito Administration filed its Fiscal Year 2021 (FY21) budget recommendation. The budget is a \$44.6 billion proposal and includes funding for the training of 20,000 more workers in skilled trades by transforming vocational high schools into Career Technical Institutes.

\$8.4 million of the budget would be used to transform 15 vocational high schools into Career Technical Institutes that would run three shifts per day. Over four years, this would help train 20,000 new workers in skilled trades and technical fields including plumbing, HVAC, manufacturing, and robotics.

Massachusetts is currently experiencing a shortage of skilled workers in these fields and this budget seeks to address that shortage.

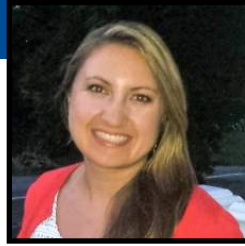
Be sure to educate yourself about this proposal and look for ways to support the proposed funding that would increase the number of skilled workers in the HVAC industry. The offices of your state senators, congressmen, and congresswomen can provide more information on how you can support this budget.

See the Baker-Polito FY2021 Budget Proposal [Here](#)

BOSTON CHAPTER OFFICERS



President
Mark Leonard
BR+A
c001@ashrae.net



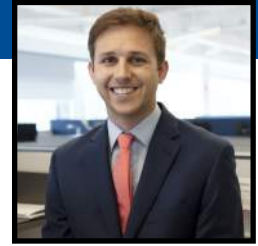
President Elect
Deanna Adkison
Fitzemeyer & Tocci
c001pe@ashrae.net



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

Bob Persechini
NV5
c001bog2@ashrae.net
Lance Brown
AKF
c001bog5@ashrae.net
Chris Pietrocarmo
BR+A
c001bog3@ashrae.net
William Tang
BR+A
c00bog10@ashrae.net

2018-2021

Yuka Narisako
BR+A
c001bog11@ashrae.net
Nick Roth
NE Applied Products
c001bog7@ashrae.net
Will Fisher
FIA Inc.
c001bog12@ashrae.net

2019-2022

Dan Diorio
Boston College
c001bog4@ashrae.net
Liz Desmarais
Trumbull Campbell
c001bog6@ashrae.net
Amy Gebhardt
Victaulic
c001bog1@ashrae.net
Willie Dawkins
HTS
c001bog9@ashrae.net

COMMITTEES

Attendance

Soren Ruvolo
BR+A
ashraebostonattendanc
e@outlook.com

Lucas Rowe
Accuspec Inc.

Society & Government Affairs

Will Fisher
FIA Inc.
c001gac@ashrae.net

Lucas Rowe
Accuspec Inc.
c001gacc@ashrae.net

Research Promotion

Deanna Adkison
Fitzemeyer & Tocci
c001rp@ashrae.net

Mark Leonard
BR+A
c001rpc@ashrae.net

Student Activities

Yuka Narisako
BR+A
c001sa@ashrae.net

Membership Promotion

Lucas Rowe
Accuspec Inc.
c001mem@ashrae.net

Will Cunningham
BR+A
c001memc@ashrae.net

CTTC & Professional Development

Will Cunningham
BR+A
c001cttc@ashrae.net

Deanna Adkison
Fitzemeyer & Tocci
c001cttc@ashrae.net

Alex Gilman
BR+A
c001tr@ashrae.net

Historical

Eric Edman
BR+A
c001his@ashrae.net

Honors & Awards & Nominating

Bob Persechini
NV5
c001bog8@ashrae.net

Communications

Allison Bookstein
Trumbull Campbell
NorthEastAire@gmail.com

Publicity

Liz Desmarais
Trumbull Campbell
c001pub@ashrae.net

Refrigeration

Steven Tafone
Suffolk Construction
c001ref@ashrae.net

Reception

Soren Ruvolo
BR+A
c001mem@ashrae.net

Lucas Rowe
Accuspec Inc.
c001gacc@ashrae.net

Special Events & Product Show

Amy Gebhardt
Victaulic
ashraebostonspecialeve
nts@outlook.com

Women in ASHRAE

Position Open!
Contact Any Officer to
Get Involved

Communications & Webmaster

Liz Desmarais
Trumbull Campbell
c001web@ashrae.net

Young Engineer in ASHRAE

Willie Dawkins
HTS
c001yea@ashrae.net

Gage Foley
Trumbull Campbell
c001yea@ashrae.net

Sustainability

Vineet Nair
CRB
c001sus@ashrae.net

Golf Outing

Will Mallia
BR+A
c001golf@ashrae.net

Corporate Sponsorships

Bob Persechini
NV5
c001bog8@ashrae.net