

## Special points of interest:

- Combined YEA and WiA Meeting October 2nd
- October Meeting Net Zero Energy
- Learn about Research Promotion
- Sponsorship Opportunities for 2020
- Calendar Updates

### Membership Promotion & Student Activity Night

If you or someone you know is a student or an individual in the industry and are not yet a member of the Boston ASHRAE Chapter, attend the meeting on October 8th to learn about the benefits of membership and how to get involved. The membership promotion chair, Lucas Rowe, and the student activities chair, Yuka Narisako, will be available to answer any questions and to listen to ideas for future events and activities!

### YEA & WiA Social Event at Night Shift Brewery!

Young Engineers in ASHRAE (YEA) and Women in ASHRAE (WiA) will be hosting a combined social event on October 2nd at Night Shift Brewery. The event will run from 5:30—7:30 pm. It is free to attend and pizza will be served. The bar will be open and accepts cash and credit cards. Please RSVP online [here](#).



Do you know someone who might want to attend? Share the event information and bring a friend who works in the industry!

### Meeting Info

#### What?

Zero Net Energy

#### When?

October 8, 2019  
5:30—8:00 pm

#### Where?

Metro Meeting Center  
101 Federal Street, Boston

[CLICK HERE](#)  
To Register!

More info on page 2





Mark Leonard  
ASHRAE Boston  
Chapter President

## Message From the President

Our September meeting came and went. I would like to thank the volunteers and members for a successful tour of the new Boston College Central Heating Plant last month. Read more about the September meeting on the next page of the newsletter.

Our next meeting is fast approaching as it will be held on Tuesday, October 8<sup>th</sup> at Metro Meeting Center located at 101 Federal Street in Boston, MA. The main meeting presentation topic will be on Zero Net Energy presented by Jacob Knowles. The October meeting will also

be recognized as Membership Promotion night and Student Activities night. For more information, please visit the ASHRAE Boston Chapter website and follow us on social media. As always, we appreciate your feedback. Please email me at [c001@ashrae.net](mailto:c001@ashrae.net) or any of the volunteers with questions, concerns, or suggestions to help improve our Chapter.

Kind regards,  
Mark Leonard

### October Meeting - Tuesday October 8th

<b>Agenda</b>	5:30—6:30 Networking Hour
	5:30—6:15 Technical Session
	6:30—7:00 Social/Registration/Dinner
	7:00—8:00 Main Presentation

**Presenter Bio** Jacob Knowles is the Director of Sustainable Design at BR+A, leading the firm's NET+ sustainability consulting team. He is currently championing the design of nearly two million square feet of Zero Net Energy buildings in the Boston area. He has lead teams to top awards under the MA DOER High Performance Buildings and Pathways to Zero grant programs. Jacob also founded the 2030 Union, an informal building industry advocacy network, currently focused on supporting the proposed Net Zero Stretch Code in MA.



Jacob Knowles  
BBR+A

**Session Info** Zero Net Energy (ZNE): S, M, L, XL  
Individuals, institutions and cities are striving to build a carbon neutral future. Zero Net Energy buildings will play a key role in achieving this goal. Many people are familiar with small ZNE buildings, but we need to rapidly scale up to Medium, Large, and XL. Join us as we demonstrate examples of this ZNE scale-shift, including detailed examples from 5,000 to 500,000 square feet. We will also present the latest in net zero codes being implemented in California, DC, and Massachusetts.

**Notes** To RSVP [CLICK HERE](#)  
See updates on the [Boston ASHRAE Chapter LinkedIn](#) page.

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

**Parking** Garage at Post Office Square—\$9 after 4:00 pm

## September Meeting Recap

The first Boston Chapter meeting of the year on Wednesday, September 18th at Boston College was terrific. A full capacity crowd thoroughly enjoyed hearing from the BC Central Heating Plant Project Management Team and touring the plant following their presentation. Thanks to Dan Diorio (Facilities Manager at BC), Marisa Nemick (Cannon Design), Harry Shanley (Cannon Design), Peter Knauf (Preferred Utilities), Matt Lagowski (Consigli Construction) and Matt Harting (Consigli Construction). The group did a great job explaining the goals, obstacles, solutions, and outcomes of the project. A PDF copy of the presentation can be found [here](#) and on the ASHRAE Boston Chapter website along with previous presentations.



## EMPLOYMENT ADS FOR SALE!

Your employment ad could be here! No employment ads have been purchased for the October issue of NorthEastAire, 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 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](mailto:northeastaire@gmail.com) if you have questions or want to purchase an employment ad.

- [Boston ASHRAE Facebook](#) 
- [Boston ASHRAE Twitter](#) 
- [Boston ASHRAE LinkedIn](#) 



### Presidential Award of Excellence

#### Boston Chapter - 2019-2020

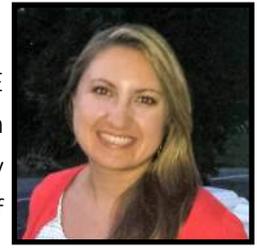
Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Operations Points	Chapter Technology Transfer Points	Government Affairs Points	Electronic Communications Points	YEA Points
<u>1067</u>	<u>435</u>	<u>400</u>		<u>100</u>	<u>60</u>			<u>50</u>	<u>400</u>

## ASHRAE Research Promotion



Dear ASHRAE Members,

As always, thank you for all your ongoing support of ASHRAE research. This year, our chapter goal is \$27,300 for research promotion. This will help our region meet their goal of \$212,000 by June 30th 2020. Your funds can be contributed towards a variety of programs of your choosing. Please visit the Boston Chapter website for more information on how to donate: <http://ashraeboston.org/Research-Promotion>.



Deanna Adkison  
Research Promotion Chair

As of July 1, 2019 the minimum donation amounts for Honor Roll levels changed. The new minimum donation amounts to meet the Honor Roll level contributions is \$150 for a personal donation and \$500 for a business.

We are in the beginning of the year and currently have \$2,050 raised towards our goal. Let's see that number grow before our next meeting! In the meantime, you can start helping us reach our goal by donating online at [www.ashrae.org/donate](http://www.ashrae.org/donate). If you would prefer to donate by check or other means, please contact me. We are also happy to accept donations in person at upcoming meetings.

Here's a little Q&A to help you learn more about how your funds are used:

**Q:** What is the ASHRAE Research Program?

**A:** It is the program that governs investigative projects that take place around the world and are funded by ASHRAE. It is supported by more than 100 member-led Technical Committees (TCs), each with their own specialty and sub-specialty.

**Q:** How are the projects selected?

**A:** A TC identifies a need – such as missing information, new ideas or processes to be examined, outdated information – sets a goal, and outlines a project to meet that need and goal. The Research Administration Committee (RAC) approves the proposed project. It then goes out to 'bid', ensuring that ASHRAE's financial resources are spent wisely and the final product will meet all stated goals. Results for all completed research projects are published and are available on the ASHRAE website.

**Q:** How much is spent on Research?

**A:** Right now there are 59 active research projects with a total value of \$10.6 million. Grants-in-Aid – projects being conducted by Graduate level students cost about \$10,000. While some research projects are relatively low cost, others can cost over \$1 million and take up to five years to complete.

**Q:** Where can I find specific information about a project?

**A:** Check out [www.ashrae.org/research](http://www.ashrae.org/research) or ask the RP Staff, they'll be happy to help answer your questions or direct you to another staff member who specializes in that area.

To find more information on resource promotion, please go to <https://www.ashrae.org/about/support-ashrae/rp> or contact me with any other questions.

Thank you!  
Deanna Adkison  
2019-2020 Research Promotion Chair  
C001rp@ashrae.net



Shaping Tomorrow's  
Built Environment Today

## Student Activities

By: Yuka Narisako



Yuka Narisako

Student Activities Chair

Hello ASHRAE Boston Chapter! I cannot believe it is already my fourth year as the Student Activities Chair of the ASHRAE Boston Chapter. This past August, I joined my fellow Student Activities Committee Chairs from other chapters in Buffalo, NY at the Region I CRC, where learned some valuable advice. This year’s takeaway of the CRC was how to better serve its student branches.

Keeping this in mind, the Boston Chapter will be conducting a survey of our student members as well as having a survey at the October ASHRAE Boston Chapter meeting. The meeting on October 8th will be one of two Student Activities Nights that the Boston Chapter hosts throughout the year. The results of the survey will help us plan the second Student Activity Night which will be held in February 2020. The February meeting will have some type of educational seminar or soft-skills improvement session for our student members. Please keep your eyes open for the forthcoming web survey!

In the same fashion as last year, our annual ASHRAE Boston Chapter scholarships will be managed by the society. The Boston Chapter BOG is ultimately responsible for the selection of our recipients. Scholarship information will follow in the November

newsletter. Please stay tuned and share scholarship information with any student enrolled in an engineering program that may be interested!

The Boston Chapter is incredibly fortunate to have a strong network of experienced and helpful members as well as engaged student branch advisors. I look forward to being a helpful resource to more student members and student branch advisors. I hope to see many familiar faces at meetings as well as new faces from our new batch of student members at the October meeting and throughout the year.

Please contact me at [c001sa@ashrae.net](mailto:c001sa@ashrae.net) with any questions.

### Did you know?

Did you know that there is a newsletter dedicated to student members and student activities? You can subscribe to the Student Newsletter [here](#). The Student Newsletter covers topics including design competitions, scholarships, student grants, and more.

**ASHRAE** Shaping Tomorrow's Built Environment Today

**Student Newsletter**  
 Katie Thomson, Assistant Manager of Student Activities  
 Contact: [KThomson@ashrae.org](mailto:KThomson@ashrae.org) or 678-539-1212

## Membership Promotion

October is the Boston Chapter’s first Membership Promotion Night of the year. If you have thought of joining ASHRAE in the past, this would be a great month to attend the meeting and learn about all of the benefits of an ASHRAE Membership. If you are already a member of ASHRAE and are looking to make the most of your membership you should consider volunteering for a committee within the Boston Chapter, we are always looking for help! I will be at the October meeting to answer any questions about ASHRAE membership, including joining ASHRAE for the first time and the different membership grades within ASHRAE, and how to advance your membership over time. I hope to see you on October 8th.

- Lucas Rowe
- [c001mem@ashrae.net](mailto:c001mem@ashrae.net)

# Schedule of Events

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

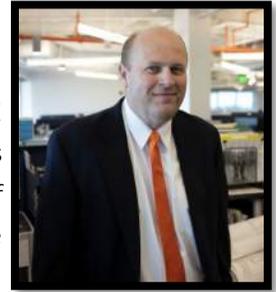
Join and check the ASHRAE Boston Chapter LinkedIn page for the most up to date information!

Date & Time	Event	Location	Details
October 2, 2019	YEA & WiA Social Event	Night Shift Brewing	5:30—7:30 pm, free to attend, dinner provided, cash bar
October 2, 2019	AEENE	Embassy Suites Waltham	The Electrical Vehicle Transportation REvolution— <a href="#">Link Here</a>
October 8, 2019	October Meeting	Metro Meeting Center Boston	Zero Net Energy— <a href="#">Link Here</a>
October 10, 2019	Webinar: Laboratory Exhaust Stacks	<a href="#">Online—Link Here</a>	ASHRAE Webinar: Lab Exhaust Stacks, Safe, Energy Efficient Design
October 29, 2019	Designing & Operating High-Performing Healthcare HVAC Systems	<a href="#">Online—Link Here</a>	ASHRAE Webinar: Designing & Operating High-Performing Healthcare HVAC Systems
November 12, 2019	ASPE Product Show	The Lantana Randolph, MA	ASPE Boston Chapter <a href="#">Biennial Product Show</a>
November 19, 2019	November Meeting	Metro Meeting Center Boston	Speaker: David Rausch (Phoenix Controls)
December 10, 2019	December Meeting	TBD	Combined Meeting with ASPE Boston Chapter
January 12, 2020	January Meeting	TBD	TBD
February 11, 2020	February Meeting	TBD	TBD
March 4, 2020	March Meeting	Embassy Suites 550 Winter St. Waltham	AEE Hosted Meeting
April 2020	ASHRAE Product Show	The Lantana Randolph, MA	ASHRAE Boston Chapter Biennial Product Show

Boston Monthly Meetings	ASHRAE Courses— <a href="#">Complete List</a>
Boston Chapter Special Events	YEA Events
WiA Events	Other Societies Events

## Non-Historical News from the History Desk

By: Eric Edman - BR+A



Eric Edman  
Historian

I want to use my paper space to share some related industry news. The fine folks at Boston ASPE are holding the ASPE Product Show at Lantana's in Randolph on November 12th. This event is always a well attended and technically diverse show - so if you are "free" I'd suggest a trip south of Boston to Randolph, and have dinner with some of our fellow engineering types. They really are good people.

We do not have any "wicked awesome" historical news to share this month. It has been quiet here at the history desk. We had such a busy start to the season and now we have the opportunity to sit back and look towards our next big event. I am working to engage high caliber speakers at the ASHRAE Boston Product Show (yes, April 2020 is just around the corner) and I welcome any of your thoughts. We could use any ideas you have to share with us for future topics. I will encourage you to think up something good—and send it our way. We love to hear from you and we always look forward to seeing you at our monthly meetings.

Eric— c001his@ashrae.net

## THANK YOU to our corporate sponsors!



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# Sustainability Updates

By: Vineet Nair

As we continue to look forward into the 2019-2020 ASHRAE year, there needs to be conscious effort by every member to raise awareness about sustainability through leadership. There are multiple sustainability and energy efficiency related courses hosted by the ASHRAE Learning Institute that all members can benefit from. The online courses are three hours long and each registrant earns continuing education credits for the course. Some of the upcoming available courses related to sustainability and energy efficiency are listed below. A complete list of the ASHRAE Learning Institute courses can be found [here](#).

- 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
- 06 Nov 2019 - Design of Affordable and Efficient Ground-Source Heat Pump Systems

We are still discussing ideas for a chapter sponsored project that would help our local community become more sustainable. Some examples of what other chapters have done include a Ban the Bottle project by the ASHRAE Florida West Coast Chapter and an energy efficient equipment upgrade for the YWCA of Salt Lake City’s Teen Home by the ASHRAE Utah Chapter. To see other examples of community sustainability projects please visit—[ashrae.org/community](http://ashrae.org/community). All ideas are welcome and appreciated.

Please contact me at [c001sus@ashrae.net](mailto:c001sus@ashrae.net) with any questions.



[Sign up here!](#)

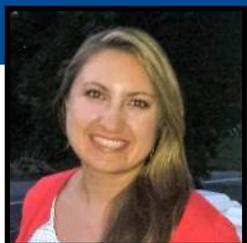
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# BOSTON CHAPTER OFFICERS



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c001@ashrae.net



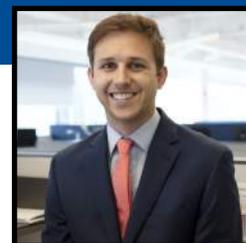
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c001pe@ashrae.net



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Will Cunningham  
BR+A  
c001vp@ashrae.net



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BR+A  
c001sec@ashrae.net



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BR+A  
c001tr@ashrae.net

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2017-2020	2018-2021	2019-2022
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## COMMITTEES

<p><b>Attendance</b> Soren Ruvolo BR+A ashraebostonattendanc e@outlook.com</p> <p>Lucas Rowe Accuspec Inc.</p>	<p><b>Student Activities</b> Yuka Narisako BR+A c001sa@ashrae.net</p> <p><b>Membership Promotion</b> Lucas Rowe Accuspec Inc. c001mem@ashrae.net</p> <p>Will Cunningham BR+A c001memc@ashrae.net</p> <p><b>CTTC &amp; Professional Development</b> Will Cunningham BR+A c001cttc@ashrae.net</p> <p>Deanna Adkison Fitzemeyer &amp; Tocci c001cttcc@ashrae.net</p> <p>Alex Gilman BR+A c001tr@ashrae.net</p>	<p><b>Historical</b> Eric Edman BR+A c001his@ashrae.net</p> <p><b>Honors &amp; Awards &amp; Nominating</b> Bob Persechini NV5 c001bog8@ashrae.net</p> <p><b>Communications</b> Allison Bookstein Trumbull Campbell NorthEastAire@gmail.com</p> <p><b>Publicity</b> Liz Desmarais Trumbull Campbell c001pub@ashrae.net</p> <p><b>Refrigeration</b> Steven Tafone Suffolk Construction c001ref@ashrae.net</p> <p><b>Product Show</b> Contact an officer if you are interested!</p>	<p><b>Reception</b> Soren Ruvolo BR+A c001mem@ashrae.net</p> <p>Lucas Rowe Accuspec Inc. c001gacc@ashrae.net</p> <p><b>Special Events</b> Amy Gebhardt Victaulic ashraebostonspecialeve nts@outlook.com</p> <p><b>Women in ASHRAE</b> Sophia Scoon Jacobs c001bog9@ashrae.net</p> <p><b>Communications &amp; Webmaster</b> Liz Desmarais Trumbull Campbell c001web@ashrae.net</p>	<p><b>Young Engineer in ASHRAE</b> Willie Dawkins HTS c001yea@ashrae.net</p> <p>Gage Foley Trumbull Campbell c001yea@ashrae.net</p> <p><b>Sustainability</b> Vineet Nair CRB c001sus@ashrae.net</p> <p><b>Golf Outing</b> Will Mallia BR+A AshraeBostonGolf @outlook.com</p>
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# SPONSORSHIPS (January 1—December 31, 2020)

## PLATINUM SPONSOR - \$5000 (max. available: 1)

- Donation of **\$3000** in your company name to ASHRAE Research - Boston Chapter Endowment
- Company logo with a link to company website displayed on ASHRAE Boston Chapter website
- Signage in main presentation hall at all monthly chapter meetings
- **Verbal Acknowledgement as Platinum sponsor at all monthly chapter meetings**
- Complimentary full-page ad in the Boston Chapter Roster & Product Guide
- Company logo and acknowledgement as Platinum sponsor in Boston Chapter & Product Guide
- Company logo and acknowledgement as Platinum sponsor on our social media platforms (LinkedIn, Twitter, Facebook)
- **Two (2) Monthly Job Posting Packages (newsletter, website, social media and Society job board)**
- **Two (2) Reserved foursomes at annual ASHRAE Boston Chapter Golf Outing—must be paid for within 1 week of open registration**
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Outing
- **2nd complimentary hole sponsor sign - on a "contest" hole - at the annual ASHRAE Boston Chapter Golf Outing**

## GOLD SPONSOR - \$3000 (max. available: 5)

- Donation of **\$2000** in your company name to ASHRAE Research - Boston Chapter Endowment
- Company logo with a link to company website displayed on ASHRAE Boston Chapter website
- Signage in main presentation hall at all monthly chapter meetings
- Complimentary full-page ad in the Boston Chapter Roster & Product Guide
- Company logo and acknowledgement as Gold sponsor in Boston Chapter & Product Guide
- Company logo and acknowledgement as Gold sponsor on our social media platforms (LinkedIn, Twitter, Facebook)
- **One (1) Monthly Job Posting Packages (newsletter, website, social media and Society job board)**
- **One (1) reserved foursome at annual ASHRAE Boston Chapter Golf Outing—must be paid for within 1 week of open registration**
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Outing

## SILVER SPONSOR - \$2000 (max. available: 10)

- Donation of **\$1000** in your company name to ASHRAE Research - Boston Chapter Endowment
- Company logo with a link to company website displayed on ASHRAE Boston Chapter website
- Signage in main presentation hall at all monthly chapter meetings
- Complimentary full-page ad in the Boston Chapter Roster & Product Guide
- Company logo and acknowledgement as Silver sponsor in Boston Chapter & Product Guide
- Company logo and acknowledgement as Silver sponsor on our social media platforms (LinkedIn, Twitter, Facebook)
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Outing

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## COMMITMENT FORM

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

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

### SPONSORSHIP LEVEL

Please check one

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

## 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 email the following to LizD@trumbullcampbell.com 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
- Company logo in high-resolution ESP or JPG format for signage, newsletter and website