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BOSTON CHAPTER SPRING 2020 ISSUE

Hello again members and friends of the Boston ASHRAE Chapter! It has certainly been a turbulent couple of months because of the ongoing pandemic. Nothing is operating as normal, and our ASHRAE chapter is included in that. Many events from March, April, and May have been cancelled and as you can imagine, more events will need to be cancelled, rescheduled, or converted to a virtual setting.

PRODUCT SHOW—Cancelled

The 2020 Product Show Committee worked very hard to make this years show better than ever. Sadly, as many of you understand, we had to cancel the event to ensure everyone's health and safety. We would like to take a second to thank, really truly thank, all of the people who worked with us along the way. A very special thank you to all of our exhibitors for their patience on the refunds as we worked through technical difficulties. At this point, all refunds have been made. We are looking forward to the next Product Show, April 12, 2022! - Eric Edman

GOLF OUTING—Cancelled

The 2020 Boston ASHRAE Chapter golf outing that was scheduled for June 1st has been cancelled because of COVID-19. We are just as thrilled as you that the golf courses have been allowed to open (with restrictions) in Massachusetts. Sadly these restrictions still prevent large gatherings and events like our normal outing. There's always next year, keep practicing!

Installation of Officers

We are thrilled to be hosting the installation of officers via a Zoom Meeting on June 16th from 4-6 pm. See details and information on registration on page 3.



President's Message

Hello ASHRAE Boston Community,

Thank you all for another memorable and successful ASHRAE year. We kicked off the year in typical fashion with a tour of the new Boston College Central Heating Plant which was well received by the members. We carried the momentum into October which marked the largest attended meeting of the year as the Chapter enjoyed a presentation on Zero Net Energy presented by Jacob Knowles. The success continued for the monthly meetings between November and March until the world was suddenly struck with the ongoing COVID-19 pandemic. Families, companies and organizations were faced with new challenges which previously seemed unimaginable. People's priorities quickly shifted in unison as the safety and well-being of family and loved ones became the majority focal point of daily activity. Daily routines were uprooted and we were all forced to adapt to a new way of living and working to various degrees.

The Federal and State Governments rolled out new orders and guidelines which we all had to react to, which left the ASHRAE Boston Chapter no choice but to cancel several events for obvious reasons including the Product Show, Golf Outing and YEA/WiA Spring events. I would like to personally thank Amy Gebhardt for all her hard work in leading the planning efforts for the Product Show as well as Eric Edman and the rest of the Product Show Committee who put in countless hours of preparation that will be revealed at our next Product Show in 2022.

On behalf of the Chapter, we thank all the generous vendors for their patience as we continue to issue refunds for booth reservations. As for the Golf Outing, the Golf Committee and the Board of Governors considered postponing the Golf Outing to August or September, however this presented logistical challenges as the social distancing guidelines continue to evolve. This was the point where the Board transitioned from trying to salvage the 2019-2020 year to focusing on the upcoming ASHRAE year because the show must go on!

We are excited to announce the Chapter's first virtual meeting for the 2020-2021 Installation of Officers which will be held on June 16th from 4-6 PM. The Chapter Officers, Board of Governors and Committee Chairs are also discussing movements for the 2020-2021 ASHRAE year as we plan to be active regardless of the circumstances when the events commence in the fall. We hope to be able to meet in person, but if not, ASHRAE Boston will not disappear!

As we look forward to the upcoming year, we would like to extend an invitation to anyone interested in getting involved with the Chapter at any capacity. We have various committees looking to grow and would welcome any and all volunteers. Please contact our incoming Chapter President, Deanna Adkison, if you are interested.

I would like to thank everyone involved in the ASHRAE Boston Chapter for a wonderful year. It has been a privilege and an honor to serve as President for the ASHRAE Boston Chapter and I look forward to seeing you all at future events.

Best Regards,

Mark Leonard

c001@ashrae.net



Mark Leonard (BR+A)
Boston Chapter President

Installation of Officers—June 16th

Location Virtual Meeting on Zoom!

Registration <https://ashraeboston30.wildapricot.org/event-3637696>

Sign up with in link above and the confirmation email will contain the link to the Zoom meeting

Time 4:00—6:00 pm

4:00—5:00 pm Board of Governors Meeting

5:00—6:00 pm Installation of Officers Ceremony and virtual happy hour

Notes <https://ashraeboston30.wildapricot.org/event-3637696>

This virtual event is free for all Boston ASHRAE members and friends to attend.

Feel free to bring your own drink to toast the new officers and thank this years officers.



ASHRAE Boston’s April

PET OF THE MONTH!

Leonard!

Because we did not issue an April edition of NorthEastAire, I am

happy to present Leonard as the April pet of the month a bit delayed! Leonard is a five year old sheltie kitty. His human picked him up while she was still in college and they have been together since! His favorite activities are eating, sleeping, and clinging to any person who gives him any form of attention. And he likes to dress up from time to time!

Leonard belongs to Caraline Konz of Cannon Design



ASHRAE Boston’s May

PET OF THE MONTH!

Ryder!

Ryder is the dog of our very own ASHRAE Boston Chapter President Mark Leonard. Ryder is three years old and he has a human sister named Chloe who is 18 months old. Ryder loves to cuddle and play with Chloe and he loves a great game of fetch!



2020 Virtual Conference

ASHRAE Society is offering 92 Technical Sessions for just \$99 for ASHRAE members. The on-demand technical program is available starting June 22nd and content will be available for 18 months. There

are 80 on-demand sessions and 12 live sessions between June 29th and July 2nd. These 92 technical sessions will be presented by 300 different speakers and PDH's are available for all sessions; LEED AP credits and AIA learning units are available for most sessions. Check out the ASHRAE 2020 Virtual Conference [here](#). Registration includes access to all 92 live and on-demand sessions available for 18 months, virtual networking happy hours with specific topics and special focus, access to scheduled live chat sessions with speakers from on-demand sessions, and more! Don't miss out on this great opportunity!

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COVID-19 (CORONAVIRUS) PREPAREDNESS RESOURCES



ASHRAE Society created the ASHRAE Epidemic Task Force to distribute technical information and resources related to the ongoing pandemic and heating, ventilation, and air-conditioning systems. The task force has addressed and will continue to disseminate information related to transmission in healthcare facilities, workplaces, homes, and recreational spaces.

See the new brief issued by the task force regarding COVID-19 and airborne transmission [here](#).

ASHRAE has collected reliable resources including the CDC, WHO, and DPH. These resources and all updates can be found here, <https://www.ashrae.org/technical-resources/resources>.

March Meeting Recap

The joint March meeting hosted by AEENE was a great success! There were nearly 120 people in attendance from ASHRAE and AEENE to learn about why customers by energy efficiency. Jeffery Myrdek from CBRE, Paul Lukitsch from Keurig Dr. Pepper, and Chris Longchamps from MGH explained why energy efficiency is important in each of their positions as director of operations and facilities engineers.

We were sad to cancel the April Product Show but hope to see many friendly faces on Zoom for the June Installation of Officers and hopefully in person soon!

Thank you,

Liz Desmarais

c001web@ashrae.net

Below: Presenter Jeffery Myrdek discussing energy efficiency drivers for CBRE.



Above: ASHRAE Boston Chapter President Mark Leonard and Board Member of AEENE Andrew Coffin

Historical Fun Facts

By: Eric Edman - BR+A



Eric Edman
Historian

Here is a little bit of different history to enjoy. We do hope you enjoy a look back at our past. Some of it is quite funny.

- There is an old pub in Marble Arch, London, which used to have a gallows adjacent to it. Prisoners were taken to the gallows (after a fair trial of course!) to be hanged until death. The horse-drawn prisoner cart- called a dray, carting the prisoner, was accompanied by an armed guard, who would stop the dray outside the pub and ask the prisoner if he would like "ONE LAST DRINK". If he said YES, it was referred to as ONE FOR THE ROAD. If he declined, that Prisoner was ON THE WAGON. So there you go!!

More history...

- People used to use urine to tan animal skins, so families used to all pee in a pot and then, once a day, it was taken and sold to the tannery. If you had to do this to survive you were "piss poor". But worse than that were the really poor folk, who couldn't even afford to buy a pot, they "Didn't have a pot to piss in" and were considered the lowest of the low. The next time you are washing your hands and complain because the water temperature isn't just how you like it, think about how things used to be.

Here are some facts about England in the 1500s:

- Most people got married in June, because they took their yearly bath in May and they still smelled pretty good in June! However, since they were starting to smell, brides carried a bouquet of flowers to hide the body odor. Hence, the custom today of carrying a bouquet when getting married.
- Baths consisted of a big tub filled with hot water. The man of the house had the privilege of the nice clean water, then all the other sons and men, then the women, and finally the children and then the babies. By then the water was so dirty you could actually lose someone in it.! Hence the saying, "Don't throw the baby out with the bath water!"
- Houses had thatched roofs, thick straw piled high, with no wood underneath. It was the only place for animals to get warm, so all the cats and other small animals (mice, bugs, etc.) lived in the roof. When it rained it became slippery and sometimes the animals would slip and fall off the roof. Hence the saying "It's raining cats and dogs." There also was nothing to stop things from falling into the house. This posed a real problem in the bedroom, where bugs and other droppings could mess up your nice clean bed. Hence, a bed with big posts and a sheet hung over the top afforded some protection. That's how canopy beds came into existence.
- The floor was dirt. Only the wealthy had something other than dirt. Hence, the saying, "dirt poor."
- The wealthy had slate floors that would get slippery in the winter when wet, so they spread thresh (straw) on the floor to help keep their footing. As the winter wore on they added more thresh until, when you opened the door, it would all start slipping outside. So, a piece of wood was placed in the entrance. Hence: a "thresh hold." (Getting quite an education, aren't you?)
- Bread was divided according to status. Workers got the burnt bottom of the loaf. The family got the middle, and guests got the top, or "The Upper Crust".
- Sometimes people could obtain pork, which made them feel quite special. When visitors came over they would hang up their bacon, to show off. It was a sign of wealth that a man could, "Bring home the bacon." They would cut off a little to share with guests and they would all sit around talking and "chew the fat".
- Those with money had plates made of pewter. Food with high acid content caused some of the lead in the pewter to leach onto the food, causing lead poisoning and death. This happened most often with tomatoes. So for the next 400 years or so, tomatoes were considered poisonous. All because of lead poisoning.
- Lead cups were also used to drink ale or whiskey. The combination would sometimes knock the imbibers out for a couple of days. Someone walking along the road would take them for dead and prepare them for burial. They were laid out on the kitchen table for a couple of days and the family would gather around and eat and drink and wait and see if they would wake up. Hence, the custom of "Holding a Wake".

And lastly, for the moment.

- England is an old and small country and the local folks started running out of places to bury people. So they would dig up coffins and would take the bones to a bone-house and then reuse the grave! When reopening these coffins, 1 out of 25 coffins were found to have scratch marks on the inside and they then realized they had been burying people alive. So they would tie a string on the wrist of the corpse, thread it through the coffin and up through the ground and tie it to a bell. Someone would have to sit out in the graveyard all night (the "graveyard shift") to listen for the bell; thus someone could be, "Saved by the Bell" or was considered a "Dead Ringer". And that's the truth!

Now, whoever said English history was boring! So pass this on and educate someone!

Thank you,

Eric Edman

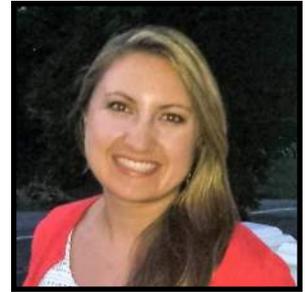
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Research Promotion Update

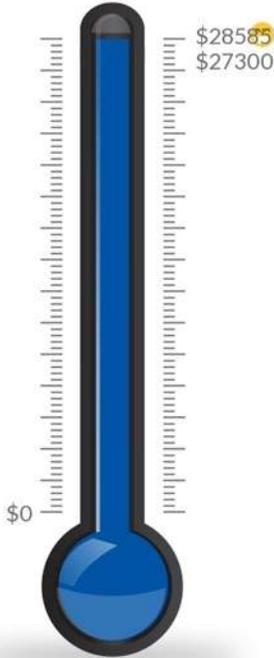
Dear ASHRAE Members,

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:



Deanna Adkison
Research Promotion Chair



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, Scott A. Havey, R. T. Forbes Company, Neil Schurko, Thomas R. Trumbull, Daniel T. Sullivan, Walsh Mechanical Contractors, Karl R. Hudson, Joe W. Hale, RST Thermal, Trane – Boston, NV5, Critical Systems, S J Ginns Associates, BR+A Consulting Eng, APA, Victaulic, HTS Engineering Ltd - New England, Trumbull Campbell Assoc., J S Fleming Associates Inc, David P Kirschner, John F. Coffey, Jr, Eric M. Edman, Warren E. Hudson, Daniel J. Cashman, Lucas Rowe, SMACNA - Boston

With your help, we have exceeded this year’s goal! We currently have \$28,585 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

Thank you!
Deanna Adkison

2019-2020 Research Promotion Chair
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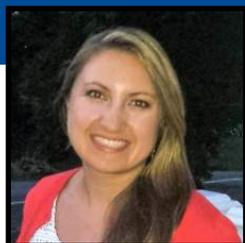
Presidential Award of Excellence									
Boston Chapter - 2019-2020									
Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Operations Points	Chapter Technology Transfer Points	Government Affairs Points	Electronic Communications Points	YEA Points
<u>1000</u>	<u>740</u>	<u>675</u>	<u>1440</u>	<u>510</u>	<u>530</u>	<u>0</u>	<u>600</u>	<u>0</u>	<u>750</u>



BOSTON CHAPTER OFFICERS



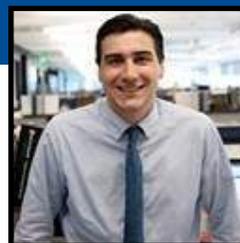
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Position Open!
Contact Any Officer to
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