

**2016-2017 Officers**



*William Tang*  
President



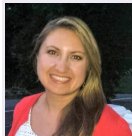
*Mike Gilroy*  
President-Elect



*Dan Carington*  
Vice President



*Mark Leonard*  
Secretary



*Deanna Adkison*  
Treasurer



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- RDK Engineers

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- Siemens
- TRO
- WSP





## PRESIDENT'S MESSAGE

By: *William Tang*

Personally, I felt this year went by in a flash. We had our Installation of Chapter Officers on May 16 to usher in the next generation of leaders and volunteers to serve our members. They will bring new ideas and energy to make the Boston Chapter even stronger.

2017-18 Chapter Officers:

President - Mike Gilroy

President-Elect – Dan Carington

Vice President – Mark Leonard

Secretary – Christine Reinders

Treasurer – Deanna Adkison

Board of Governors (2017-2020) – Lance Brown, Bob Persechini, and myself

The Chapter also had its 2017 golf tournament on June 6. We had a great turn out even though the weather was not ideal. The golf committee worked arduously to make the tournament more fun and speedy. I believe our golfers enjoyed the introduction of the air cannon, however, the weather decimated all our efforts to shorten the tournament. I want to thank our golf committee members, Jim Liston, Mike Gilroy, Andrew Krenning, Erin Popa, and Mark Leonard for putting together the tournament and raising money for ASHRAE Research.

My presidency is coming to an end now that we have had our annual golf tournament. I am happy to announce many of our efforts have paid off. We have seen an overall increase in attendance at ASHRAE Boston Chapter sponsored events. Even our online surveys received more responses. The success of the Chapter is not the effort of one person but comes from our superb volunteers. I would like to take this opportunity to thank our past presidents, chapter officers, BOG, committee chairs, and volunteers for all their assistance and support this past year. I wish to give a special note of thanks to Christopher Pietrocarlo, the chapter attendance chair. Chris was instrumental to many of the updates we made this year. I would like to thank my employer, BR+A Consulting Engineers, for their support and understanding. I want to thank our corporate sponsors. Their support made many of our programs such as the well received annual social, YEA, Women in ASHRAE, and Scholarship possible. Lastly, I want to give a special thanks to my wife, Yin. Without her, my time as the chapter president would have been a lot more difficult, especially because we welcomed our first child last year.

It has been a great honor to serve as the President of the Boston Chapter. Thank you.



## EDITOR'S NOTE

By: *Deanna Adkison*

Materials for the September newsletter are due by **August 29, 2017**.

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 month's issue.

For additional information, refer to our website at [www.ashraeboston.org](http://www.ashraeboston.org).

For more information, please e-mail [northeastaire@gmail.com](mailto:northeastaire@gmail.com)



# Golf Outing Recap

By: Andrew Krenning

The annual golf outing was held on Monday, June 5<sup>th</sup> at Halifax Country Club. The course with a little damp and the weather wasn't perfect but we had nearly 100% attendance. This shows that we have great chapter members committed to the event and raising funds for the ASHRAE Boston Chapter.

The Chapter would like to thank Siemens Industry, Inc. for their premiere sponsorship of the Air Cannon shot that was located on the 1<sup>st</sup> hole. Unfortunately, no one was able to sink a hole in one but hopefully everyone enjoyed the addition to the event.

The Chapter would also like to thank the following companies for their commitment to ASHRAE and sponsoring the event.

**BBQ Lunch Sponsor**

BR+A  
HTS Engineering and  
NE Applied Products  
RDK Engineers

**Picture Sponsor**

Mitsubishi Electric

**Long Drive Sponsor**

Johnson Controls, Inc.

**Closest to Pin Sponsor**

Grinnell Mechanical Products

**Hole Sponsorship**

Accuspec, Inc  
AHA Consulting Engineers  
BR+A  
DAC Sales, Inc.  
Frank I. Rounds  
HTS Engineering  
Kirschner Associates/ P-K Boilers  
Leonhardt Company, Inc.  
Mitsubishi Electric  
Northeast Air Solutions  
URELL, Inc.  
Victaulic  
Viega LLC

Long Drive Women: Nancy Yanuzzi

Long Drive Men: Dan Swanson

All proceeds from the golf outing go toward meeting the Boston Chapters Research Promotion goal. A big thank you to all of the companies and players who continue to support our chapter through this event each year. Without their continued support of the Chapter we could not have such a great event every year. Look for more improvements next year to continue to enhance the event experience.

The Chapter would like to recognize the following companies for their support of the ASHRAE Golf Outing and the Research Promotion Raffle:

**Raffle Sponsors**

**COLUMBIA CONSTRUCTION COMPANY** (4) Pavilion Club Red Sox Tickets  
**TRUMBULL-CAMPBELL COMPANY**- Patriots tickets

**Event Winners**

**First Place—65**

Dan Sweeney  
Todd Columbus  
Fran Coffey  
Tom Broderick

**Second Place—66**

Evan Bissonnette  
Greg Hosselbarth  
Kevin Spates  
David Venturoso

**Third Place—66**

Ariana Mansfield  
Mike Gilroy  
Mark Leonard  
Will Mallia

**Hole Contest Winners**

Women's Closest to Pin Hole #3: Nancy Yanuzzi 17' 6"

Men's Closest to Pin Hole #3: Matt Tafft 8' ½"



## RESEARCH PROMOTION

By: Stacie Suh

Dear ASHRAE Members,

As always, I would like to extend my sincerest thanks to you for your support of ASHRAE Research last year. It's because of your support that we were able to fund more than \$14 Million worth of research. More than 80 research projects worldwide received support from ASHRAE because of your investment. We've begun the

2016-2017 Campaign and I hope we can once again count on your support of ASHRAE Research this year. The Boston Chapter goal for 2016-2017 is \$25,001, Region I goal \$188,000 and society goal is \$2.6 million.

We have raised \$25,428 .00 so far.

### Thank you to following Donors:

Boston ASHRAE Chapter  
BR+A Consulting Enigeers  
Daikin  
Dr Benjamin S Weil  
Green Footprints Commissioning  
HTS Engineering Ltd  
Industrial Plastic Fan  
Jason Stack  
Kirschner Associates Inc  
Leonhardt Company Inc  
Mr Anthony H Castelline  
Mr Brian E Austin  
Mr Christopher M Wyszczanski  
Mr Dan Senese  
Mr Daniel P Diorio  
Mr Daniel P J Carington  
Mr David Goodman  
Mr David P Kirschner  
Mr Edward Dullea  
Mr Gene F Koons, Jr  
Mr J Michael Fleming  
Mr James E Armstrong  
Mr Jeffrey H Schultz  
Mr Jeffrey Zajac  
Mr John F Coffey, Jr  
Mr John M Swift, Jr  
Mr Karl R Hudson  
Mr Lance Brown  
Mr Mark Leonard  
Mr Michael J Daigneault  
Mr Michael P Gilroy  
Mr Richard D McGinley  
Mr Robert J Barstow, PE  
Mr Robert J Persechini  
Mr Robert W Persons  
Mr Stephen Lahti  
Mr Steven J Lappin  
Mr Steven J Tafone  
Mr Steven L Rosen

Mr Thomas R Trumbull  
Mr Warren E Hudson  
Mr William J Garvey  
Mr William K Tang  
Ms Christine Reinders-Caron  
Ms Darcy A Carbone  
Ms Deanna Jean Adkison  
Ms Stacie Suh  
R. T. Forbes Company  
RDK  
RECCO  
RST Thermal  
TNZ Energy Consulting  
Trane  
Victaulic  
Victory Heating & Air Conditioning  
Walsh Mechanical Contractors

As always, you may also make your investment online at [www.ashrae.org/donate](http://www.ashrae.org/donate). If you are interested in donating in other method than online, please let me know. Your contribution will automatically go toward helping the Boston Chapter reach our RP goal for 2016-2017.

If you'd like a list of research projects being conducted in the region or about specific topics, please let me know.

Here are few links that you might find useful.

Also you can find more information on resource promotion, please go to <https://www.ashrae.org/standards-research-technology/ashrae-rp>.

If you are interested in important dates and deadlines for research projects please click on <https://www.ashrae.org/standards-research-technology/research>.

These Research Project Final Reports document the results of the research project, and are approved by the sponsoring Technical Committee. ASHRAE members have free access through the [Members-Only Research Projects Final Reports site](#).

If you are interested in submitting solicited research project, go to <https://www.ashrae.org/standards-research-technology/research>.

If you are interested in donating to ASHRAE Resource, go to [www.ashrae.org/donate](http://www.ashrae.org/donate)

Again, thank you for your continued support of these vital projects – it's greatly appreciated.

Please contact me with any questions at [StacieSuh@mail.ashrae.org](mailto:StacieSuh@mail.ashrae.org).

Stacie Suh /RP Chair 2016-2017  
[Email](#)



**ASHRAE Responds To U.S. Paris Accord Announcement**

Jun 2, 2017

**ATLANTA** – The recent decision to withdrawal the U.S. from the Paris Climate Accord does not change or alter ASHRAE's commitment to accelerate the transformation to a more sustainable global built environment.

"Our member-established mission underscores our mandate to serve humanity and create a more sustainable world," says ASHRAE President Tim Wentz. "ASHRAE is a global Society of 57,000 dedicated professionals in more than 130 countries, committed to reducing the environmental impact of buildings by making them more energy efficient. Our mission will not waiver as geopolitical tides rise and fall."

"Now, more than ever, ASHRAE affirms its mission to advance the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world," Wentz says.

ASHRAE recently announced a substantial \$1.3 million investment in researching alternative low-GWP (global warming potential) refrigerants.

"ASHRAE's work is based on research and science. The Society will continue to establish best practice standards for the design and operation of buildings that have lower environmental impacts and concurrently optimize health and human comfort for occupants," says Wentz.

"Our Society remains dedicated to engineering excellence in environmental stewardship. In fact, the recent Paris Accord announcement makes the critical role of ASHRAE members in reducing the environmental impact of buildings more important than ever before."

**Presidential Award of Excellence**

**Boston Chapter - 2016-2017**

Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Organization Points	Chapter Technology Transfer Points	Grassroots Government Affairs Points	Chapter PAOE Point Totals
1052	1630	1270	960	1040	2315	1550	550	9,315

**Employment Ads**

**ASHRAE Boston Chapter – Employment Ads**

The NorthEastAire is published monthly, September through June. It is posted on the Chapter website at [www.ashraeboston.org](http://www.ashraeboston.org). A link is sent each month to all members of the Chapter, currently over 1000.

**Newsletter Rate:** \$400 for 1/2 page, \$800 for full page

**Website Rate:** \$300 per calendar month

**Discount for Both Newsletter & Website:** \$630 - 1/2 page in newsletter and website (10% discount)  
\$935 - full page in newsletter and website (15% discount)

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

**Deadline for September Newsletter: August 29, 2017**

Any questions, please contact Deanna Adkison, Newsletter Editor at 617-535-8236 or [northeastaire@gmail.com](mailto:northeastaire@gmail.com)



## **HISTORICAL NEWS**

By: *Eric Edman*



In many ways, this was a very historical year. You may not have noticed, but, I sure did. There is actually a historical committee of more than just me, myself, and I.

I wanted to take a moment to really thank Reddy Tupakula from Andelman and Lelek and Thanh Huynh from Bu-roHappold for the efforts made to review and comment on historical items throughout this season.

Your historical committee set to work immediately in September and worked hard this season to surpass any record of previous PAOE points. We can not do this alone and thank those members out there who commented a little or a lot to help. It is really a true pleasure to be a volunteer at Boston ASHRAE.

If any of you have creative thoughts or suggestions on historical related items, please share these with us.

We always look forward to seeing you at our monthly meetings. Enjoy your summer.

As has become tradition, please find the past presidents' outgoing exit interview, which we hope helps the incoming group of future officers.

Eric

### **Outgoing Chapter President's Questions and Answers**

The following is an interview with outgoing 2016/2017 ASHRAE- Boston Chapter President, William Tang. The interview will be stored in the Boston Chapter Historical Archives.

- Q. In your opinion, what were the best things that happened during your year as president?  
A. The Boston Chapter is very fortunate to have many generous benefactors since the launch of the corporate sponsorship program. This year, thru these efforts, we were able to support one of our student chapters to attend the final competition of the DOE (Department of Energy) Race to Zero.
- Q. If you had a chance to have another year as president, what things would you do differently and what might you improve upon?  
A. I would have programs vetted, and lined up a lot earlier. "Back to Basics" was the program theme for 2016-2017, however, not all programs were consistent with the theme. This year was also a transition year for the ASHRAE- Boston Golf outing and unfortunately, there was some confusion with the registration process. It's a lesson learned for next year's golf tournament.
- Q. What words of wisdom might you share with future presidents?  
A. One person can't do it all. You must work together as a team. The success of the Boston Chapter depends on the committee chairs and members. Delegate tasks early, and, do not hesitate to reach out to past presidents for advice.
- Q. If you were allowed the freedom to change one thing that was seemingly unchangeable, what would that item be?  
A. The Boston Chapter has made many, many updates- and improvements, since I became a volunteer. Some changes take time, maybe several years, however, nothing seems to be unchangeable anymore as long as the group shares the same vision and goals.

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- Q. How many other chapters did you get to visit during your term as President?  
 A. Unfortunately, I did not have a chance to visit any other chapters during my presidency, however, I tried to keep up-to-date with activities hosted by other chapters within Region I and would share anything newsworthy with the BOG.
- Q. If you had to look at back at your goals for this season, do you think you managed to get all of your items accomplished?  
 A. I thought of new ideas, and set new goals as the year progressed. I was not able to achieve everything on my expanded list, however, I did accomplish the goals that I had set at the beginning of my presidency. Some of the expanded ideas were put into motion through the year, however, it will take future presidents to turn these ideas into reality.
- Q. What one item sticks out in your mind as something you will always remember about your term as Boston Chapter President?  
 A. I believe we did something right, whether it has to do with moving around our meeting locations, diverse program topics, energetic speakers, or something else. Overall, we had a higher attendance rate, and we saw many new faces at events throughout the year. Even our electronic surveys received a lot more responses. This is not a result of my personal effort, but, the effort the Chapter has made for many years. I am very pleased to see that the Boston Chapter is growing even stronger.

## ASHRAE BOSTON UPCOMING EVENTS

Visit <https://ashraeboston30.wildapricot.org/resources/Documents/Save%20the%20Date%205.pdf> for more information.

### Installation of Officers

When: May 9, 2017  
 Where: Stockyard Restaurant—Tavern Room

### Golf Outing

When: June 5, 2017  
 Where: Halifax Country Club, Halifax, MA

### ASHRAE Annual Conference

When: June 24-28, 2017  
 Where: Long Beach, CA

## BOSTON AREA UPCOMING EVENTS

**AFE Boston Chapter 33**  
[www.afechapter33.org](http://www.afechapter33.org)

**IFMA Boston Chapter**  
[www.ifmaboston.org](http://www.ifmaboston.org)

**BOMA Boston Chapter**  
<http://www.gbreb.com/boma/>

**Sustainable Performance Institute**  
<http://www.sustainable-performance.org/>

**AFE Chapter 74-Worcester Area-Central MA**  
[www.afe74.org](http://www.afe74.org)

**USGBC Massachusetts Chapter**  
[www.usgbcma.org](http://www.usgbcma.org)

**AEE New England Chapter**  
[www.aeenewengland.org/](http://www.aeenewengland.org/)

**IBPSA Boston Chapter**  
<http://ibpsa-boston.com/>



## MEMBERSHIP PROMOTION

By: *Dan Carington*

**H**ello Members, Our fiscal 2016-17 is coming to an end as of the end of this month. Our goal this year is to retain our members and see our goal of 1059 members skyrocket beyond that goal. Please take a minute and renew your membership today and help us achieve our goal.

We will have a new Membership Promotion Chair this coming 2017-18 fiscal year, please give Will Cunningham a warm welcome to that position. It's been a pleasure serving as your Membership Chair, thank you everyone. Have a safe and wonderful summer with yours!

Please help me welcome our latest new members since our April newsletter by giving them a warm welcome;

- |                           |                             |                        |                             |
|---------------------------|-----------------------------|------------------------|-----------------------------|
| Timothy John Ferguson     | Mr Richard J Charon         | Mr Lucas Rowe          | Michael Joseph Sommers      |
| Mr Dylan Masi             | Mr Alexander Coopes         | Mr Richard Herbert, II | Mr Jonathan Simard          |
| Mr Patrick McCarthy       | Mr James M Reynolds         | Mr Bryan Lally         | Mr Gregory D Reynolds       |
| Casey Lemmel              | Mr William P Genre          | Mr Conor Doyle         | Mr Fredrick S Fleming Jr    |
| Ms Ariana Mansfield       | Mr Daniel M Rivetts         | Mrs Perla Redfem       | Mr Keddy Dwight Emmanuel    |
| Mr Long Viet Vu           | Mr William C Fisher         | Ms Samantha Alleva     | Mr Zheming Tong             |
| Mr Jim McCarthy           | Mr Aaron Soule              | Mr Joshua Petith       | Mr Derek Edward Richardson  |
| Mr Conor G Greaney        | Mr Adriaan Grobler          | Mr Scott J. Sweet      | Mr Paul Francis Chiampa, jr |
| Mr Thiagarajan Sivalingam | Mr Nicholas James Tetreault |                        |                             |

Welcome, we are so looking forward to seeing you at our next Boston ASHRAE meeting or event. Any comments or questions, please feel free to contact me at [dcarington@brplusa.com](mailto:dcarington@brplusa.com)



## STUDENT ACTIVITIES

By: *Yuka Narisako*

**H**ello members, and congratulations to our Student Members on another successful school year! My first year as Student Activities Chair was a challenging, but rewarding experience. I look forward to increased student participation in our activities next year.

Some highlights of this year were the re-establishment of the Northeastern University student branch and providing financial support for their participation in the DOE Race to Zero Design Competition in April. We were also fortunate to hold two student nights this year, and I hope next year's student nights will be a success as well. It's always wonderful to see student participation in our events.

We are delighted to award four scholarships to local students this year: Miss Jasmine Andrade of Wentworth Institute of Technology, Mr. Matthew Hogan of Massachusetts Maritime Academy, Miss Julianna Mastroilli of Wilmington High School, who plans on attending the Schreyer Honors College at the Pennsylvania State University, and Miss Abbygail Yeomans of Cape Cod Academy, who plans on attending Northeastern University. Congratulations to our recipients!

Please feel free to reach out to me at [co01sa@ashrae.net](mailto:co01sa@ashrae.net) with any questions you might have.



## ASHRAE Government Affairs Update

By: Christine Reinders

### ASHRAE Participates in National High-Performance Building Week (June 5-9)

As a member of the High Performance Building Coalition, ASHRAE participated in a number of events during this week's High-Performance Building Week in Washington, D.C. The Coalition, comprised of approximately 200 private organizations, provides guidance and support to the High Performance Building Caucus of the U.S. Congress. Over the week, ASHRAE was involved with the Coalition in a number of activities:

- Met with 18 Congressional offices to discuss policy and appropriations priorities, and encourage Congress to recognize that buildings are a critical part of America's infrastructure, especially in the context of a potential infrastructure bill. These meetings demonstrated bi-partisan interest and support of high-performance buildings and practices.
- Held two Congressional briefings, which included participation from the Co-Chairs of the High Performance Building Caucus, U.S. Representatives David McKinley (WV-1) and Peter Welch (VT-At Large).
  - “Achieving a High-Performance Built Environment: Findings and Recommendations from the Consultative Council”
  - “The Critical Role Buildings Play in America's Infrastructure”
- Participated in a Congressional Reception, at which several Congressional staff and Coalition members attended.

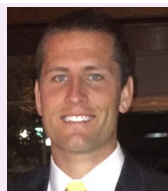
### U.S. House of Representatives Committee Approves “Energy Savings Through Public-Private Partnerships Act of 2017”

On June 7, the House Committee on Energy and Commerce approved by unanimous consent H.R. 723, the “Energy Savings Through Public-Private Partnerships Act of 2017,” sponsored by Representative Adam Kinzinger (IL-16). The bill would amend the National Energy Conservation Policy Act to revise requirements for energy savings performance contracts and utility energy service contracts by requiring agencies to implement these measures if they are cost-effective.

### U.S. DOE Taking Public Comment on Regulation Reform

The U.S. Department of Energy has opened a 45-day period for comments from the public as part of its effort to comply with President Trump's Executive Order # 13771, “Reducing Regulation and Controlling Regulatory Costs.” The Order, issued on January 30, 2017, directs all federal agencies to identify existing regulations, paperwork requirements and other regulatory obligations that can be modified or repealed, consistent with law, to achieve meaningful burden reduction while continuing to achieve the Department's statutory obligations. Public comment may be submitted in three ways:

- Federal eRulemaking Portal: Follow the instructions for submitting comments.
- E-mail: Include “Regulatory Burden RFI” in the subject line of the message.
- Mail: U.S. Department of Energy, Office of the General Counsel, 1000 Independence Avenue, SW, Room 6A245, Washington, DC 20585.



## Webmaster's Notes

By: Kevin Doty

I challenge you to come up with one suggestion to make the website better for the 2017-2018 chapter year! Please send comments and suggestions to [coo1web@ashrae.net](mailto:coo1web@ashrae.net)

Please make sure to add [admin@ashraeboston.org](mailto:admin@ashraeboston.org) to your “safe sender” list to prevent emails from going to your spam folder.



*By: Lance Brown*

**T**his issue marks the conclusion of my first year as chair of the sustainability committee. I wasn't sure what to expect, and I have a lot to learn about how ASHRAE is run and where I fit in.

Interested in sustainability? Drop me a line at [lanceb@bvhis.com](mailto:lanceb@bvhis.com) if you're considering taking part in the committee next year. I welcome suggestions on how to further sustainability efforts within the chapter.

I recently learned about an up-and-coming building rating system called WELL. As an "energy guy" I have always focused on the LEED Energy and Atmosphere credits. The recycling and bike racks are for other consultants, right? WELL is a complementary standard to LEED, with a focus on the occupants rather than the building and the wider environment. WELL is structured into seven concepts central to making a building high-functioning for its occupants: air, water, nourishment, light, fitness, comfort, and mind.

Unlike LEED where energy dominates the possible point totals and therefore gives HVAC engineers outside influence, few of the WELL points hinge on the HVAC design. Examples of areas that directly relate to HVAC design: ventilation design (compliance with ASHRAE 62.1-2013), filtration ratings, coiling coil mold prevention, advanced filtration, mechanical equipment sound levels, and even radiant thermal comfort.

Even for those of us without projects applying for WELL certification, it is important for each of us to consider how the buildings we design and build will be used.



**BOG Meeting Minutes**

*By: Mark Leonard*

Meeting started at 4:31 PM

General Business

- Approved April Meeting Minutes
- 90 People attended April Brewery Tour
- Brewery Tour proceeds benefited Research Promotion
- 2016 tax return to be reviewed by BOG at a future meeting
- Chapter bank account authorization modifications for next year's presidential transition were discussed
- The following Officers were installed at the May Meeting
  - President – Michael Gilroy
  - President-Elect – Daniel Carington
  - Vice President – Mark Leonard
  - Secretary – Christine Reinders
  - Treasurer – Deanna Adkison (serving 2<sup>nd</sup>)
- Chapter considering purchasing a name tag printer for Chapter meetings
- Chapter approved the two (2) scholarship recipients
- Chapter to improve scholarship application for the 2017-2018 ASHRAE year
- Final member survey to be distributed to members
- June ASHRAE Golf Tournament details were discussed

Meeting adjourned at 5:18PM



By: Joseph Dussault

**YEA Members!**

Thank you for giving me the opportunity to serve as the YEA committee chair from 2016-2017. ASHRAE YEA has always been very important to me. I am looking forward to remaining active in our chapter as Nick Roth takes over as YEA committee chair for 2017-2018.

**My YEA Boston Experience**

I started attending Boston ASHRAE meetings in 2007. I always wanted to get more involved in our chapter, but I never knew where to start or who to ask. I wasn't sure how to meet people and get put on a path where I could be a part of our chapter.

Joshua Benoist and Past President Stacie Suh started the Boston YEA chapter in 2011. The goal was to enable engineers 35 and under to network with each other and with the older members in our society. I attended one of our first events, the Run of the Charles Canoe Race with the ASHRAE YEA team. It was a great time and allowed us to network with each other and learn about how to get more involved in the chapter.



**Looking Back**

Our 2016-2017 YEA events included technical tours at Boston Medical Center and Lahey Hospital and Medical Center. YEA members got the opportunity to walk through two brand new hospital additions and also learn about Lahey's 3MW cogeneration plant. YEA members went out for dinner after each event for networking.

The 2016-2017 calendar also included two networking/social events. We had the annual networking event at Good life Boston, which had a great turnout, and we also had a great time at the annual cornhole tournament at the Baseball

Tavern in Boston. I am looking forward to joining you all at this year's events!

**Looking Forward**

We are pleased to announce that Nick Roth of New England Applied Products will be the committee chair for the Boston ASHRAE YEA chapter this year. Nick has been active at all YEA events, and he is an all-around great guy. Please say hello to Nick at any future ASHRAE events.



**Getting Involved**

We are always looking for YEA members to get more involved in our chapter. If you are interested in learning more about YEA, please let Nick (or me) know. Additionally, ASHRAE offers a leadership weekend for future ASHRAE leaders. Topics will include leadership, networking, communication, and professional development. More information can be found here:

<https://www.ashrae.org/membership--conferences/young-engineers-in-ashrae>

Thank you,  
Joe

## CDC Report: Health Care Facility Patients At Risk For Legionnaires' Disease

--ASHRAE Standard 188 helps develop water management programs to reduce Legionella in buildings--

**ATLANTA** – More than 76 percent of Legionnaires' disease cases acquired from Legionella exposure in health care facilities can be particularly harsh, including possible fatal risks to patients, according to a report released today from the CDC.

Legionnaires' disease is a serious type of pneumonia caused by bacteria, called Legionella, that lives in water. Legionella can make people sick when they inhale contaminated water from building water systems that are not adequately maintained.

The report's findings – which were a part of the CDC's monthly *Vital Signs* publication – are based upon exposure data from 20 states and New York City. According to the CDC, the analysis was limited to these 21 jurisdictions because they reported exposure details for most of their cases, which allowed the CDC to determine how Legionnaires' disease was associated with health care facilities.

About 3 percent of Legionnaires' disease cases were determined to be “definitely associated with a health care facility,” with 17 percent of cases listed as “possibly associated with a health care facility.”

“Determining Legionnaire's disease causation is not simple since the mere presence of Legionella in a water system or device is not sufficient to cause disease. The bacteria must ultimately be inhaled or aspirated into the lungs of a susceptible person to cause disease,” says Michael Patton, member of ASHRAE Committee SSPC 188. “Since people with conditions that have reduced their ability to fight off infections are especially susceptible, it is not a surprise the report found patients in health care facilities to be at risk. It's vitally important all buildings incorporate good design, operations and maintenance procedures that prevent growth and spread of Legionella as these are regarded as the best methods of preventing disease.”

The incorporation of a Water Management Plan will reduce the chance of heavy colonization, amplification and dissemination to people. With this in mind, ASHRAE developed [ASHRAE Standard 188: Legionellosis: Risk Management for Building Water Systems](#) to assist designers and building operators in developing a Water Management Plan that includes practices specific to the systems that exist in a particular building, campus or health care facility.

To date, more than 5,000 copies of ASHRAE Standard 188 have been purchased. It can be previewed at no cost at <https://www.ashrae.org/Standard188>.

Based upon this ASHRAE standard, the CDC developed a toolkit entitled “[Developing a Water Management Program to Reduce Legionella Growth and Spread in Buildings: A Practical Guide to Implementing Industry Standards](#).” The document – initially released in 2016 and updated on Monday, June 5 – provides a checklist for building owners and managers to help identify if a water management program is needed, examples to help identify where Legionella could grow and spread in a building and ways to reduce risk the of contamination.

For more information on Legionella, Legionnaires' disease and the toolkit, visit [www.cdc.gov/legionella](http://www.cdc.gov/legionella).

### 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 57,000 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. More information can be found at [www.ashrae.org/news](http://www.ashrae.org/news).

# ASHRAE Learning 2017 Online Course Series

## REGISTRATION

**One-part course (3 hours):**  
\$284 (\$219 ASHRAE Member)

**Two-part courses (6 hours):**  
\$484 (\$359 ASHRAE Member)

[Register](#)

## MULTIPLE PARTICIPANTS

Site Licenses are Available when five or more attend. [Learn More >>](#)

## TIME FRAME

All courses are presented from 1:00 - 4:00 PM, Eastern Time.

## General Information

Information about the ASHRAE online course series. [Learn More >>](#)

**Note:** Course fees listed above are per person for a single presentation connection for individual use and may not be shared with other users. All registrants must individually register for the desired course to participate and receive continuing education credit.

All courses are archived for a period of time after their initial presentation.

Receive a 10% discount on the **PDF** format of the Recommended Reference. (Discount is included in item prices on registration form.)

## Two-Part Half-Day Short Course List

**The following course carries 6 CEU/PDH credits and is comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits. Archiving is available.**

**Note:** Course fees listed are per person for a single presentation connection for individual use and may not be shared with other users. All registrants must individually register for the desired course to participate and receive continuing education credit.

**Oct 23, 2017**

[Introduction to Building Enclosure Commissioning](#) (Co-sponsored by Building Enclosure Commissioning Collaborative) This seminar introduces the Building Enclosure Commissioning (BECx) process by outlining key quality-based tasks that achieve a successful building enclosure. The seminar focuses on both design phase and construction phase BECx activi...

**Nov 1, 2017**

[New! Complying with Standard 90.1-2016, Parts I and II, ES Practices](#) The 2016 update of ASHRAE Standard 90.1 Energy Standard for Buildings is a major revision, containing more than 125 changes from the 2013 version. Together, Standards 90.1-2007, 90.1-2010, 90.1-2013 and 90.1-2016 produce almost 40% energy savings from the 2004 version. The 2016 edition offers a si...

## Half-Day Short Course List

**The following courses each carry 3 CEU/PDH credits. Archiving is available.**

**Note:** Course fees listed are per person for a single presentation connection for individual use and may not be shared with other users. All registrants must individually register for the desired course to participate and receive continuing education credit.

**Jul 18, 2017**

[NEW! Variable Refrigerant Flow System: Design & Application](#) Variable-refrigerant flow (VRF) systems are now becoming increasingly utilized across North America. This course provides nonmanufacturer-specific concepts of the unique operational characteristics of VRF systems and how to apply VRF systems to a wide range of building types. The course supplements...

**2016-2017 Meeting Schedule**

Date	Main Meeting/ Tech Session	Speaker	PDH Credits	Location/ Special Night
<b>September</b>	Lessons Learned	Steve Tafone	1.0	Embassy Suites 550 Winter St. Waltham
Wednesday September 21, 2016	N/A		N/A	Research Promotion/Membership Promotion
<b>October</b>	Net Zero Energy Building	Conor McGuire	1.0	CBRE Amenity Center 100 High St. Boston
Tuesday October 18, 2016	<b>Tech Session:</b> Coil Freeze Protection	Cooney Coil	TBD	Past Presidents & History
<b>November</b>	Tour of Bruins' Training Facility		-	Warriors Ice Arena 80 Guest St. Boston
Tuesday November 8, 2016	N/A	N/A	N/A	Student Activities/ Young Engineers in ASHRAE/Women in ASHRAE
<b>December</b>	Solar Heating - Hosted by ASPE	TBD	TBD	Lantana 43 Scanlon Dr. Randolph
Tuesday December 13, 2016	<b>Tech Session:</b> TBD	TBD	TBD	Joint Meeting with ASPE
<b>January</b>	Steam Design	Kevin Foley	TBD	Embassy Suites 550 Winter St. Waltham
Tuesday January 10, 2017	<b>Tech Session:</b> Montreal Protocol Refrigerant Updates	Trane	TBD	Research Promotion/Membership Promotion
<b>February</b>	Space Pressurization	Jim Coogan	1.0	Metro Meeting Centers 101 Federal St. Boston
Wednesday February 15, 2017	<b>Tech Session:</b> Proper Venting of Fuel Fired Appliances	Frank I Rounds	1.0	Joint Meeting with I2SL
<b>March</b>	Demand Reduction - Hosted by AEE	Carlos Nouel	TBD	Embassy Suites 550 Winter St. Waltham
Wednesday March 1, 2017	<b>Tech Session:</b> TBD	TBD	TBD	Joint Meeting with AEE
<b>April</b>	Standard 100	Ginger Scoggins	TBD	Metro Meeting Centers 101 Federal St. Boston
Tuesday April 11, 2017	<b>Tech Session:</b> Attract, Retain & Promote Women in the HVAC Industry Open Discussion	Ginger Scoggins	TBD	Student Activities/Young Engineers in ASHRAE/Women in ASHRAE
<b>May</b>	Installation of Officers		N/A	Stockyard Restaurant—Tavern Room 135 Market St. Brighton, MA
Tuesday May 9, 2017				
<b>June</b>	Golf Outing	Jim Liston	N/A	Halifax Country Club, Halifax, MA
Monday June 5, 2017				Research Promotion

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