



October 2016

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## Sponsors



## New Website Launched!

The ASHRAE NYC board is excited to announce the launch of our new website platform. The team made extensive efforts this summer to revamp the website and make it easier to use for our members. [www.ashraeny.org](http://www.ashraeny.org) The board encourages you to direct any feedback or questions you may have to: [reception@ashraeny.org](mailto:reception@ashraeny.org)

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## President's Report



I'd like to start, letting those who didn't attend last month's ASHRAE meeting, know you missed a great lecture! Chris Edmondson was our speaker and he was great and his topic was about the ASHRAE Standards on the hydronic side of the business.

This month will be very busy with a visit from Tim Wentz, "Society President". He'll speak about "Building EQ: Benchmarking and Disclosure Strategies". We had the pleasure of meeting Tim Wentz at a previous CRC meeting in Rochester, N.Y. His presentation was quite humorous as well as very informative. Tim would enjoy meeting all the ASHRAE members of our chapter.

During this meeting, we will celebrate the first donor recognition for members/companies that contribute to the ASHRAE Research and Promotion, 2015-2016, campaign run by our R.P. chairman, Anthony Montalto, Jr.

Frank Rivera scheduled our first lecture series of the year. The topic, "Energy Vs. Indoor Air Quality". It is a popular topic, spoken about for many years, which will be presented by two distinguished ASHRAE lecturers, Dan Nall and Gordon Sharp.

Brian Marman will conduct our first technical tour of the year and will make a site visit at 56 Leonard Street, a luxury and iconic 60 story apartment building in Tribeca, N.Y.C.

Ben Rodney will coordinate our first community project with "Habitat for Humanity", a construction project group, located on Dean Street in Brooklyn. This construction will be a low income multi-family complex which will be available in 2017.

Please don't forget to submit your project application for the "Chapter Technology Award", found on our website.

I am always excited to see many engineers at our meeting/events and I hope to see you there as well. Although we are extremely busy, ASHRAE is an important part of our business and worth taking a little time out, once a month, to be part of.

Jose R Rodriguez, P. Eng.

ASHRAE NY Chapter President 2016-2017

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## Dinner Meeting

**Date:** October 25, 2016

**Time:** 5:00 PM - 7:30 PM

**Location:** Club 101, Park Avenue @ 40th Street

**Cost:** \$35 for ASHRAE Members, \$40 for non-members



Credits: 1 PDH

Speaker:



Tim Wentz, P.E., Fellow ASHRAE, HBDP  
ASHRAE President 2016-2017  
Associate Professor University of Nebraska - Lincoln

**October 25th is chapter donor's night!**  
**We will be recognizing our major sponsors at this meeting.**

**Description:** Come to join the current ASHRAE president to learn more about the Building EQ program.

[Click here for more information and to register](#)

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**Tours**



**Date:** Thursday October 20<sup>th</sup> 2016

**Time:**

3:00 – 3:15 PM : Gathering and Greeting

3:15 – 3:30 PM : Systems Overview

MEP Highlights

Lessons Learned

3:30 – 4:30 PM : Job Site Tour

**Location:**

56 Leonard St. Lobby

56 Leonard Street, New York, NY 10013 between Church Street and West Broadway

Take the 1 train to Franklin Street, walk south 1 block, turn left on Leonard St. Entrance is on the south side of Leonard St.

OR

Take the 4/5/6 to City Hall, walk west on Chambers, turn right on Church, then left onto Leonard.

**Cost:** Free

Limited Tickets. Please contact Brian Marman ([brian.marman@lendlease.com](mailto:brian.marman@lendlease.com)) to reserve a spot.

**PLEASE NOTE:** All attendees are required to have proper footwear to walk the site. Shoes/boots do not necessarily have to be construction boots, but should have a leather top with a rubber sole at a minimum. Attendees should also bring their own hard hats, reflective vests, and protective eyewear.

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**How Building Services Engineers Can Save Civilization**

**Date:** November 1, 2016

**Time:** 8:00 AM - 10:00 AM

**Location:** Arup NYC Office: 77 Water Street, New York, NY



Building services engineers are the people who can save civilization from the threat of climate change, speaker [Fiona Cousins, PE, CIBSE, ARUP and LEED Fellow](#), set out a vision for engineers taking the lead in the fight against climate change by working with policy makers and the public to champion sustainability.

Fiona Cousins leads the Sustainability team in Arup's New York office and is also a leader of the Mechanical engineering team. She directs technical investments for Arup's Americas Region and is a member of Arup's Americas Board. Fiona is a mechanical engineer by profession and has spent much of her career engaged in HVAC design, with an area of specialization in thermal comfort and energy efficiency. She has extensive project experience and has worked for both corporate and institutional clients on a wide range of building, planning and sustainability projects including museums, galleries, archives, trading floors, laboratories, libraries, performing art centers, and campuses.

Fiona is a frequent presenter on transformative sustainable building design and has presented technical papers in the areas of low-energy design and sustainability. Fiona is a LEED® Fellow and has led a number of projects pursuing the highest levels of LEED goals. Fiona served as the chair of the New York Chapter of the USGBC (Urban Green) for two years. She is currently chair of the USGBC.

**Please note: RSVP is required for this meeting.**

#### Tickets:

\$10.00 for ASHRAE/ULI/UGC Members

\$15.00 for Non ASHRAE/ULI/UGC Members

Free for ASHRAE/ULI/UGC Sponsor Members

[Please Click Here for More Information and to Register](#)

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### Winter Conference

The Conference dates are Jan. 28-Feb. 1 at Caesars Palace with the Expo being held Jan. 30-Feb. 1 at the Las Vegas Convention Center. The two events are expected to draw thousands of industry professionals from around the world, drawing on the record breaking attendance from the 2011 Conference and Expo held in Las Vegas for the first time.

To register for the Conference, which includes free access to the Expo, visit [www.ashrae.org/lasvegas](http://www.ashrae.org/lasvegas).

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### Community Service



### Photo Gallery

Would you like to see the images from our last meeting?



### Contact Us

Attn: Gene Geyer  
c/o Dolphin Equipment  
629 5th Avenue, #113  
Pelham, NY 10803



ASHRAE NYC is once again participating in a Habitat for Humanity NYC build day on October 26<sup>th</sup> at their newest development, the Dean Street residences in Brownsville, Brooklyn. It is a 15 unit multifamily complex set to open in 2017. Over 20 members from ASHRAE will be participating as this event is always extremely fun and rewarding. We are continually strengthening our relationship with Habitat for Humanity providing over 100 hours of peer review services for their 57 unit Sydney House multifamily project in the Bronx, over 100 hours of existing site evaluations, co-branded awareness events, donating over \$40,000 and now our 3<sup>rd</sup> build day. It has been a strong partnership and one we hope to continue! If you are interested in involvement with the Habitat/ASHRAE partnership, please contact Ben Rodney ([benjamin.rodney@hines.com](mailto:benjamin.rodney@hines.com))

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### Student Activities

#### A Message from the Student Activities Committee

Thank you to the students who attended the September Dinner Meeting, I hope you found it educational along with the opportunity to meet industry professionals.

School is in session and so are the ASHRAE Student Branches! We welcome the new officers and are ready to assist you.

#### ATTENTION STUDENTS!!!

Applications are now being accepted for ASHRAE Society Undergraduate Engineering and other scholarships and must be submitted before December 1<sup>st</sup>, 2016, for consideration. For a complete list of Scholarships, eligibility criteria and application materials, please visit [www.ashrae.org/scholarships](http://www.ashrae.org/scholarships)

I am happy to announce 2 motions were approved for Student Activities.

First was for the Chapter Scholarships. Once again the NY Chapter will be presenting scholarships to those students who apply and meet the given criteria.

Next in trying to keep the students engaged, the NY Chapter will again be sending 6 students selected by their Faculty Advisors to the ASHRAE Winter Meeting, this time in Las Vegas.

The CCNY Student Branch has registered for the Student Design Competition for the category of HVAC Design Calculation.

**THEY ARE LOOKING FOR MENTORS!!** Please contact me if you or any one you know can assist. Let's show Society why we are the engineering capital of the world!

If you would like to help out with the Student Activities Committee or have any ideas on how to peak the students interest in the field of HVAC, please let me know.

#### Looking for interns?

What better place to hire an intern than from one of the Student Branches where you will find dedicated students who are anxious to learn and show you their attributes? Please contact me and let's get the students working!

Remember, it is the students that are our future. We must do everything possible to educate them and help them grow in the HVAC&R industry.

You can contact me at (516) 756-1708 or at [mcastell@riversidehydronics.com](mailto:mcastell@riversidehydronics.com) if you need further information or have any questions.

Respectfully,

Mitchell Castell

Student Activities Chair

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## Government Advocacy

### NESEA's BuildingEnergy NYC Conference

On November 3<sup>rd</sup> NESEA will hold their [BuildingEnergy NYC](#) conference at the THP New York Conference Center in midtown Manhattan. This conference is a great resource for networking and content sharing on energy efficiency in large commercial and multifamily buildings in New York City. It attracts all the key players from the building, sustainability, and resilience sectors, for a full day of advanced-level sessions on best practices and lessons learned. Best of all NESEA is providing ASHRAE NY members 5% off registration, just use the code NYC16PROMO at checkout!

### New York City's Roadmap to 80x50

The NYC Mayor's Office of Sustainability (MOS) recently released [New York City's Roadmap to 80x50](#), the follow-up report from the Technical Working Group established to analyze potential GHG reduction pathways for the city. In addition to the analysis provide in the "[One City: Built to Last](#)" [Technical Working Group Report](#) which covered the building sector exclusively, the new report covers sectors such as energy transmission and distribution, transportation and wastewater treatment. Pathway discussions are extensive and share thoughts on targets necessary to achieve 80x50, such as establishing the city's first-ever energy storage deployment target—100 MWh by 2020. ASHRAE NY is proud to be an active member of the Technical Working Group, and we look forward to working further assisting MOS with their analysis and target setting.

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## WIE: Women In Engineering

### Ever Been Pregnant on a Construction Site?

By: Jordana Viuker - Senior Energy Engineer - Bright Power

Being pregnant for the first time is tough. Couple that with spending lots of time on construction sites for work, and I experienced one interesting year!

At Bright Power, I am a senior energy engineer on new construction projects. The job involves a lot of (local) travel and construction inspections. I am on project sites from the time of kickoff, to foundation inspections, all the way through to duct blaster testing of leakage from exhaust shafts (and beyond). I love the work I do, but it is not without its challenges – not only does it include physical labor (e.g. lugging heavy test equipment from borough to borough and up and down multi-story buildings), but it also means asserting oneself as an authority in the midst of construction professionals who are mostly men.

Pregnancy has many joys, like feeling your baby kicking inside you, but it also has what lots of women euphemistically refer to as "stuff."

For starters, there's having to use the ladies' room a lot. Let's just say the closest I come to a "ladies' room" on a construction site is being granted use of the "special" Port-o-Potty, which comes equipped with a lock and key. Let's be real: it's a Port-o-Potty.

And never have I sympathized more with residents of South Bronx food deserts than while pregnant: I seemed to always be extremely far from a restaurant or coffee shop where I could beg for a bathroom break or satisfy my unending hunger. Did I mention being pregnant means being hungry? All. The. Time.

Then there's the issue of just being huge compared to the size you were at the start of the project, and site supers never quite knowing if they can broach the topic. And though some days I'm totally ready to chat about bringing new life into the world, some days I just don't feel like it. So, we skip the banter while instead I descend a giant dirt pit on a precarious ladder they've pointed me toward that's been assembled from leftover two-by-fours.

In 18-33 months, this pit below me will be a beautiful building !I'll take much pride in having played a role in. But for now, I'm exhausted, hungry, desperate for a real restroom, and for the life of me (not to mention the little one's), am trying my hardest not to fall off this ladder!

Elan Klein Brennan was born on 4/25/2016 and is already asking Mama when he will get to join her to play with all the power tools and big trucks.

[Click Here for Article Source](#)

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## YEA Updates

YEA Chair: Tony Tsang

So with the sponsorship of Aerotek, Federal Pump, and MIH Systems Group, the NY Chapter YEA kicked off the 2016-2017 event season with a joint billiard social with Habitat of Humanity New York City. Thirty-three attended the event at Society Billiard and was welcomed with food and refreshments. Jean Son from Habitat of Humanity exemplifies, and how the attendees can assist with the upcoming build dates. The presentation was answered with a number of interested volunteers. Overall, it was a well-received event, and the YEA committee is working hard to organize many events to come. Please keep an eye on our chapter event page for all our events.



Recently, I was honored with the opportunity to attend the 2016 YEA Leadership International program in Athens, Greece. This program was designed to help its attendees develop their soft skills while networking with other young professionals. It was a pleasure meeting YEA members from all around the world and to share our design practices. The leadership philosophies offered by Tricia Evans, the event coach, inspired many of us to share the program's questionnaires and discussion points with my team in the company. The program's exercises and questionnaires remarkably depicted my role in my company and showed me which responsibilities I must relieve in order to advance in my career. The YRC Committee for the event was also wonderful in organizing the night events, authentic Greek cuisine, local street food and city tours. I would highly recommend this leadership program to all YEA members; it is an eye-opening experience.





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## BEEEX: Building Energy Exchange Updates

[Big Data, Small Data: Managing building energy data at different scales](#)

October 26, 2016

Building energy use data is being collected at many scales, from whole cities to real estate organization portfolios to individual buildings. Join us for what promises to be a highly informative discussion of the platforms and services being utilized at these varying scales, the impact this knowledge has on public policy, and the effect it has on organizational decision making.

Two primary tools will frame this discussion: the Standard Energy Efficiency Data (SEED) Platform, designed by the US DOE to standardize building performance reporting and provide enterprise scale transparency of data, and the GRESB assessment tool, used for portfolio scale assessment and reporting of environmental, social and governance benchmarks.

### MODERATOR

Adam Hinge, Sustainable Energy Partnerships

### SPEAKERS

Harry Bergmann, U.S. Department of Energy

Ulrich Scharf, GRESB

Jayson Antonoff, Institute for Market Transformation

Joshua Kace, Code Green Solutions

This program is available for 1.5 AIA CEUs.

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## BuildingEnergy NYC



Attend the [BuildingEnergy NYC Conference + Trade Show](#), NYC's fastest-growing event for professionals and practitioners working on energy efficiency initiatives and high performance buildings. Hosted by the Northeast Sustainable Energy Association (NESEA), this year's event will be held on November 3rd at the TKP New York Conference Center. Register today at [nesea.org/benyc16](http://nesea.org/benyc16).

ASHRAE Members receive a 5% discount with the code on the flyer.

[Click Here for the Flyer.](#)

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## Technology Awards

ASHRAE New York Chapter invites members to submit a recent project for possible New York Chapter / Regional Technology Award. The submitted project should have been completed / occupied prior to September 2017. The owner of a particular project should be aware that his / her building is entered for a Technology Award. Please [click this link](#) for the application.

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