ASHRAE Philadelphia Chapter



Quaker City Climate

April 2021
Volume 56, Issue 8

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Debra H. Kennoy Scholarship applications are due by April 30.

See page 5 for info.

Wednesday, April 21, 2021
12:00 Noon to 1:30 PM

Virtual Meeting

"High Volume, Low Speed (HVLS) Fan Design and Application"

presented by

Andy Dunst
Greenheck

See page 3 for more information.

There is no charge for this session, however, you must register in advance to receive the login information.

The link to the webinar will be sent to all registrants prior to the event start time.

Click here to register.

This is a Past President's Event!

This is a joint event with the New Jersey Chapter of ASHRAE.

ASHRAE New Jersey Chapter

Philadelphia Chapter ASHRAE Golf Outing

Monday, May 10, 2021
11:00 AM to 7:00 PM
DuPont Country Club—Nemours Course
See page 4 for more information.

2020-2021

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Young Engineers in ASHRAE
Tyler Holland

PRESIDENT'S MESSAGE

Fellow Chapter Members –

It seems like we might finally be seeing a light at the end of the tunnel relative to the COVID-19 pandemic. Vaccination rates are on the rise and coupled with the new beginnings of spring, the general outlook seems to be positive. Now is a good time to evaluate what we all have learned over the last 12-13 months and look forward. We are all likely wondering what the future will hold for certain market sectors. What parts of the "new normal" will stay the same? What things will continue to change and evolve? As you continue to ponder these questions, we as a Chapter will continue to try to be a resource for you to navigate and adapt to the ever changing world.

In this effort, our April meeting will feature a talk on "High Volume, Low Speed (HVLS) Fan Design and Application" by Andy Dunst. There is no doubt that one market sector that seems to be most positively impacted by changes related to the COVID-19 pandemic are warehouses and distribution centers. HVLS fans are one consideration for conditioning of these spaces.

In May we will hold the Annual Golf Outing at the Nemours Course at DuPont Country Club. We are excited to be holding the event in the spring once again and hope to see everyone for a safe day of fun sunshine.

Looking forward, we are starting to plan for the fall and trying to anticipate what our Chapter meetings will look like at that time. There is a good possibility that meetings will return to being held in person. We are very interested in obtaining feedback from membership on this topic. Look for an email soliciting poll responses soon. If you have additional thoughts or input, please feel free to reach out to anyone on the board to discuss.

Similarly we are hoping to have a YEA event before the end of the Chapter year and will be soliciting feedback to gauge the level of interest of YEA members to attend an in person event.

Tim Reinking
Philadelphia Chapter President
c021@ashrae.net

ASHRAE Philadelphia Chapter Basic HVAC Design Class Update

For the first time in history, the Philadelphia Chapter ASHRAE Basic HVAC Course was delivered in remote, on-line format. COVID-19 didn't stop the 2020-2021 Basic Class.

All of the instructors modified their lectures, presentations, handouts, and demonstrations into virtual format. After some initial technology glitches and Zoom challenges, 21 students completed this year's program.

The 2021-2022 course will begin in October. Classes will meet Tuesdays and Thursdays from 6:15 PM to 8:30 PM until the middle of March 2022. Enrollment will begin in August.

The Chapter will evaluate whether the class will return to in-person format, stay virtual, or go hybrid. The final arrangements will be included in the course announcement that will be sent this summer.

For additional information, please e-mail info@ashraephilly.org

Wednesday, April 21, 2021
12:00 Noon to 1:30 PM

Virtual Meeting

"High Volume, Low Speed (HVLS) Fan Design and Application"

presented by

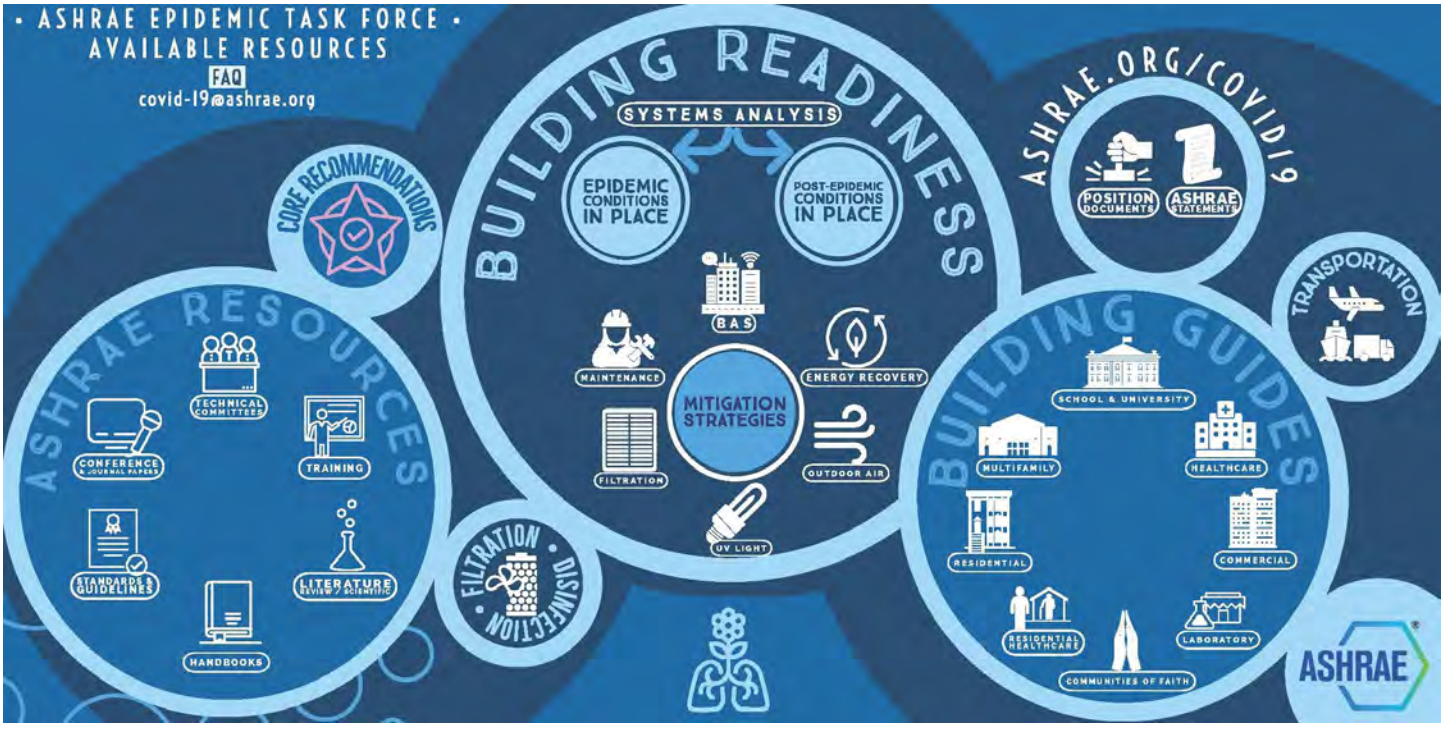
Andy Dunst
Greenheck

Click here to register.

Abstract
In this discussion, the function and application of High Volume, Low Speed (HVLS) fans will be explored. Primary design considerations will be reviewed. In addition, performance testing, data and industry standards will be explained. Ultimately the attendee will gain knowledge related to the criteria and processes used to make appropriate HVLS fan selections.



Meet the Presenter
Andy Dunst joined Greenheck in 2016 after graduating from the University of Wisconsin – Stevens Point. Andy is currently an Application Engineer Specialist in the Axial and Inline Fan business unit specializing in HVLS fans and circulators. Prior to his current role, he worked in the Powered Roof Ventilator business unit as a product specialist and served as a Sales Account Specialist working with National Distributors.





Philadelphia Chapter ASHRAE Golf Outing

Monday, May 10, 2021
11:00 AM to 7:00 PM
DuPont Country Club—Nemours Course
600 Rockland Road
Wilmington, DE 19803
https://www.dupontcountryclub.com/

Click here to register.

This event wil take place at the **NEMOURS COURSE**. Parking, check in and registration will be at the **BRANTWYN MANSION**. Dinner will be outside at the Brantwyn Mansion.

NEW THIS YEAR: Live scoring (and trash talk board) will be utilized through the Golf Genius App.

Schedule: 11:00 am - Registration Begins
11:30 am - Boxed lunches available
12:30 pm - Shotgun start
5:30 pm - Dinner and prizes

Dinner will be BBQ style and if COVID restrictions allow, lawn games such as cornhole will be available.

Be sure to arrive early to take advantage of the world class practice facility that Dupont CC recently constructed. It is located across the street from the Brantwyn Mansion entrance.

Registration: Dinner only: $50
Golf and Dinner, 1 Golfer: $200
Single Hole Sponsor: $200 (does NOT include Golf or Dinner)
Two Hole Sponsor: $350 (does NOT include Golf or Dinner)
Three Hole Sponsor: $450 (does NOT include Golf or Dinner)

COVID PREVENTION PROCEDURES:
- Social distancing must be practiced
- Masks must be worn at all times except when on the course or seated and eating
- A brief questionnaire will be required to be filled out by attendees
- Staff will wear masks and gloves when serving
- Tables at dinner will be limited to 4 guests





CTTC Article

What does net zero carbon mean in buildings?

ASHRAE Standard 90.1 is the backbone of commercial building energy modeling and code compliance efforts so it is essential to consider in relation to net zero carbon buildings.

Now that building efficiency has become codified, engineers and designers have a process where building professionals across the industry refer to ASHRAE Standard 90.1: Energy Standard for Buildings Except Low-Rise Residential Buildings based local building codes, sustainability ratings systems and grant programs with the goal of delivering efficient, comfortable buildings. ASHRAE Standard 90.1 provides the underpinnings of numerous state energy codes, municipal energy codes, energy metrics for sustainability rating systems and is the basis for the vast majority of the energy modeling efforts in the commercial space.

Read the entire article here.

Debra H. Kennoy Scholarship Applications Due Now

The Debra H. Kennoy Scholarship is intended to encourage female students to pursue studies and seek professions in the heating, refrigeration, and air conditioning industry (HVAC&R). Debbie was known for her exceptional dedication during her 20 year of service to the ASHRAE community. Colleagues within the industry came together to honor and celebrate her legacy through this scholarship. She was a true mentor to new ASHRAE members, especially to female engineers in a heavily male dominated industry, and made them feel welcomed and encouraged their involvement in the society. This scholarship is intended to be awarded to undergraduate students who are studying mechanical engineering, architectural or science & engineering, chemical engineering or other related HVAC&R engineering disciplines that meet the purpose of the Scholarship. While the first opportunity for the scholarship will be given to a female student who has graduated from a high school within the geographic boundaries of the Philadelphia Chapter of ASHRAE and/or attend an institution within these boundaries, all others will also be considered.

The amount of the scholarship award for 2021 will be $1,500.

The deadline to submit an application is April 30, 2021.

CLICK HERE for the Debra H. Kennoy 2021 Scholarship Application

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The 2021 Annual Conference originally scheduled to be held June 26-30, 2021 in Phoenix, AZ is now going to be held online in a virtual format. The conference will include a mixture of live and on-demand technical and interactive sessions that will take place Monday, June 28-30, 2021. Click here for more information.

PHILADELPHIA CHAPTER PROGRAMS CALENDAR 2020-2021



ASHRAE Philadelphia Chapter Digital Directory

Our 2020-2021 Chapter Digital Directory is now available.

This digital version is replacing the paper versions from years past. This provides flexibility during these challenging times, having access anywhere. It's easy to use, highly interactive, and always up to date. We hope you enjoy this refreshed publication.

The link to the directory is on our home page on the website, or you may click here to advertise or purchase access to the directory!

Invest in ASHRAE and Help Shape our Future - Give to ASHRAE RP Today!

ASHRAE's Research Promotion Campaign generates funds to support ASHRAE research, YEA, Education (ALI), Endowed Research through ASHRAE Foundation, YEA Programs, Scholarships, and the General Fund. Research, the backbone of ASHRAE, remains the primary fund of the program with over $2 million raised for this program annually.

All contributions received by ASHRAE significantly assist in ensuring that the Society continues to have the resources needed to sustain and expand its work. ASHRAE is very thankful for the support of all our donors and will strive to utilize all resources to better serve our members, the HVAC&R industry and society!

Click here if you would like to support ASHRAE's mission, programs, and member services with a gift through the RP Campaign.

If you have any questions, please contact the Philadelphia Chapter's Research Promotion Chair, Gary Debes, at c021rp@ashrae.net.

Thank you for your support!

The Philadelphia Chapter
of the
American Society of Heating,
Refrigerating and Air
Conditioning Engineers, Inc.

994 Old Eagle School Road
Suite 1019
Wayne, PA 19087-1866
P 610-971-2169
F 610-971-4859

Visit
our web site at:

www.ashraephilly.org

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on LinkedIn

Republication of material contained herein is expressly forbidden without official Chapter authorization. The Chapter does not speak or act for the Society. Any member with material to submit for inclusion in the *Climate* can send the information to:

Hope Silverman
P 610-971-2169
hope@mmco1.com

Material can include letters to the editor, member news, upcoming events, comments on chapter programs or issues, etc.

New Philadelphia Chapter Members

New Student Members
Nan Ma

New Chapter Members
Noah Gilford
Vibhor Dutt
Lucas DiCioccio
John Vanderslice
Michael Satur

New Society Members
Vincent Char
Scott Wingert

If you are currently experiencing hardship, especially with the current COVID-19 pandemic, please contact our Member Services Department at members@ashrae.org
One of our Member Services Representatives will assist you in determining your hardship case and provide guidance with respect to an adequate adjustment to your dues and other member benefits for the 2020 – 2021 Society Year.

What are the benefits of paying Philadelphia Chapter dues* ?

Discounts:

$200 Discount for Basic Class
$150 Discount for 90.1 Seminar
Free access to the Digital Directory
And much more!

* Note that Philadelphia Chapter Membership Dues are $35/year.

To receive discounts, please remit you Chapter dues when renewing online or applying for a new membership. Feel free to upgrade online by clicking here or contact c021@ashrae.net for assistance.

Membership Advancement

If you are currently an ASHRAE Associate Member, becoming a full Member is easier than you think! The following count toward the required **12 points** to advance to full membership status. You must update your ASHRAE online biography and send an email to membership@ashrae.org to advance.

Non-accredited degree = 4 points
PE = 4 points
Accredited degree = 6 points
Industry experience = 1 point/year