



Cincinnati ASHRAE News

A monthly publication of the Cincinnati Chapter of the American Society of Heating, Refrigeration & Air Conditioning Engineers

The President's Corner

Dear Cincinnati ASHRAE members and friends,

Please read below for some exciting news and a link to the April meeting.

Thank you to all attendees of the March meeting which was well attended with David Schurk discussing "Using Needlepoint Ionization Technology to Create Healthy Indoor Environments"

The 2021 Cincinnati Chapter ASHRAE Golf Outing has been scheduled for the usual spring timeframe. The outing will be Thursday, May 20th and will be held at the Hamilton Elks Golf Club (same location as the fall outing). See the following pages for registration information.

Our next meeting will be April 13th, Tuesday from 12:00 to 1:00pm. The topic will be "Integrating Renewable Energy Systems into Buildings" presented by Sheila Hayter. This will be a virtual meeting. See the following pages for signup information.

For planning purposes at this time all meetings in early 2021 are intended to be a virtual meeting. We appreciate your patience as we continue to monitor local and state requirements to determine the opportune time to start in-person meetings. Meetings will be conducted through an ASHRAE Zoom account (courtesy of a graciously supplied donation from Trane – Thank you!)

If you have any questions regarding the Cincinnati ASHRAE chapter, please contact me via ashraecincinnati@gmail.com.

2020-2021 Board Members

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ashraecincinnati@gmail.com

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cincyYEAchair@gmail.com

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Chair Joe Nader

GAC
Chair Seth Rothey



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Dear Members & Friends Of The Cincinnati Chapter Of ASHRAE,

We were recently sent correspondence from the National Research Promotion Headquarters, reminding us that ongoing research, especially in this time of worldwide crisis, is of the utmost importance.

Research can only take place through our donations that fund the various studies. As we enter into the 2020-2021 Research Promotion Campaign, our Cincinnati Chapter goal is \$10,900.00. Our target date to achieve this amount is the last business day of June, 2021. This date is the last day of our fiscal year.

Currently, we are at just 16% of our goal.

Last year, our chapter met just 30% of our goal, of \$10,500.

If you have already contributed, thank you. If you have not yet donated, please consider the issues and challenges we face to improve the safety and wellbeing of not only every American citizen, but all people around the world. We urge everyone to support their Chapter in this effort.

To donate, please click on the link below, that will take you directly to the RP Campaign donor form. On this document, please be sure to list the Cincinnati Chapter in the Contributor Information Field.

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

If you prefer to pay by check, please send it to the address shown below.

(Please Note On The Memo Line: Cincinnati Chapter Research Promotion)

ASHRAE
Office of Development
1791 Tullie Circle, NE
Atlanta, GA 30329

Thank you for your continued support.

Sincerely,

Paul Bennett

ASHRAE Cincinnati Research Promotion Chair

ashraecincinnati@gmail.com



April 13th Monthly Meeting

12:00-1:00pm, Tuesday

“Integrating Renewable Energy Systems into Buildings”

Presented by Sheil J. Hayter, P.E.

This presentation introduces technical opportunities, means, and methods for incorporating renewable energy (RE) technologies into building designs and operations. Overview of RE resources and available technologies used successfully in the USA to offset building electrical and thermal energy loads. Methods for applying these technologies in buildings and the role of building energy efficiency in successful RE projects will be addressed. Discuss issues related to connecting RE systems to existing electrical grids and offer tips for implementing successful RE projects. Summarize ASHRAE activities related to and/or in support of RE applications in buildings.

Register in advance for this meeting:

https://us02web.zoom.us/meeting/register/tZUlfumvqDlqG9SI63GPhDEV0_pqOgDnNg-v

After registering, you will receive a confirmation email containing information about joining the meeting.

If the link above does not work, copy the link into a new browser window.



Sheila Hayter is the Project Assessment and Development Section Manager within the Integrated Applications Center (IAC) of the U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) in Golden, Colorado. In this capacity, she leads a team of technical and policy experts who support federal, state, and local entities on energy efficiency (EE) and renewable energy (RE) topics with the goal to make significant reductions in non-renewable energy consumption through energy efficiency and increased use of RE technologies. Sheila's work includes serving as the IAC partnership development lead and managing key accounts for the IAC and NREL, including serving as the NREL Key Account Manager for the U.S. Department of Homeland Security. Sheila's past activities include leading DOE's Solar America Cities technical assistance activities for Boston and New York City, with the goal to assist these municipalities incorporate strategies into policies, procedures, and specific projects that will result in widespread application of solar technologies. Since joining NREL in 1992, Sheila's work has included serving

on the Organizing Committee and leading the subjective judging component of the 2002, 2005, and 2007 DOE Solar Decathlons, managing sustainable buildings activities funded by the DOE Federal Energy Management Program, managing the Photovoltaics (PV) for Buildings activities funded by the DOE Solar Program, evaluating building performance during the design and monitoring phases to support the DOE High Performance Buildings Program, and writing papers, giving conference presentations, and developing/giving training related to high-performance buildings. Sheila is registered professional engineer in the State of Colorado. Sheila served on the ASHRAE Board of Directors as a vice president (2009 – 2011) and also as a Director at Large (2005 – 2008). She chaired the Publications and Education Council, has served on Technology Council, Finance Committee, Planning Committee Society Rules Committee, Research Activities Committee (chair 2004 – 2005), Continuing Education Committee (chair 1998 – 1999), and ASHRAE Program Committee. She chaired the Greening ASHRAE Meetings and Exposition presidential ad hoc committee (2006 – 2008), and was a member of the Building Energy Labeling, ASHRAE Logo, Globalization Roadmap, and Strategic Plan IV ad hoc committees as well as served as a member of the Advance Energy Design Guide Steering Committee. In addition, Sheila has served in leadership roles of many technical committees. Sheila received a 2007 NREL Staff Award for outstanding performance, 2007 Professional Progress Award from Kansas State University's College of Engineering, and an ASHRAE Technology Award in 1999. She received the ASHRAE Distinguished Service Award in 2001 and the Exceptional Service Award in 2011 and was named an ASHRAE Fellow in 2008.

CINCINNATI CHAPTER ASHRAE 2021 GOLF OUTING

Hamilton Elks Golf Club

JOIN IN ON THE FUN AND RAISE MONEY FOR ASHRAE RESEARCH!!

DATE: Thursday, May 20th

TIME: 11:30 a.m. shotgun start. Box lunch and dinner will be provided.

COST: \$150.00/Per Golfer

Dinner Only is \$25

LOCATION: Hamilton Elks Golf Club
4444 Hamilton Middletown Road
Hamilton, Ohio 45011
Ph: 513-887-4384

ENTRY FEE INCLUDES;

- Box Lunch provided
- 18 Hole Scramble (two Putt Max)
- Refreshments
- Dinner following golf

PRIZES:

- 1st, 2nd, and 3rd Place Teams
- 2 – Long Drives
- 2 – Closest to the Pin
- 1 – Long Putt
- Door Prizes

We will be practicing state guidelines regarding Covid 19 and will adapt activities to accommodate the current rules at the time of the outing.



SPONSORSHIPS

HOLE SPONSORS - \$150.00 EACH

- We encourage our members to sponsor a hole and set up an information table to promote your company and products and hold a contest of your own!

LUNCH SPONSORS - \$250.00

- Sponsors can set up an information table to promote your company and products.

DINNER SPONSORS - \$300.00

- Sponsors can set up an information table to promote your company and products.

BEVERAGE CART SPONSOR - \$225.00

- ASHRAE will Provide the Sign as long as a Logo is Provided

Keg Sponsors - \$150.00 EACH (2 per keg)

- ASHRAE will Provide the Sign as long as a Logo is Provided
- We encourage our members to sponsor a keg and set up an information table to promote your company and products!

***DOOR PRIZE DONATIONS NOW BEING
ACCEPTED***



REGISTRATION

Dinner & Golf

<u>Name: (Sponsor in first place please)</u>	<u>Email or Phone</u>	<u>\$150.00/each</u>
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- | | | |
|----------|-------|-------|
| 1. _____ | _____ | _____ |
| 2. _____ | _____ | _____ |
| 3. _____ | _____ | _____ |
| 4. _____ | _____ | _____ |

Mulligans @ \$5.00 Each (8 total max, 2 per person) _____

Total _____

Please mail or email your RSVP form and payment and to:

Laura Kamphaus
 2248 Ratterman Ave.
 Cincinnati, OH 45211
lurakamphaus@zoomtown.com

****Please make check payable to "Cincinnati Chapter ASHRAE"**

PLEASE NOTE - NO DENIM, COLLARED SHIRTS

If you would like to donate a door prize, please indicate below:

- | | |
|---------------------|-------------------|
| Door Prize 1: _____ | Donor Name: _____ |
| Door Prize 2: _____ | Donor Name: _____ |
| Door Prize 3: _____ | Donor Name: _____ |
| Door Prize 4: _____ | Donor Name: _____ |

If you would like to be a Sponsor, please indicate below:

- | | | |
|------------------|---------------------|----------|
| Hole/Keg Sponsor | Company Name: _____ | \$150.00 |
| Lunch Sponsor | Company Name: _____ | \$250.00 |
| Dinner Sponsor | Company Name: _____ | \$300.00 |
| Beverage Cart | Company Name: _____ | \$225.00 |

ALL NO-SHOWS WILL BE BILLED BY ASHRAE