



# Cincinnati ASHRAE News

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

## The President's Corner

**Edwin Porter**

Thank you to all who attended the January meeting where Hoy Bohanon, an ASHRAE Distinguished Lecturer, presented on how to implement demand control ventilation and comply with ASHRAE standards. Mr. Bohanon provided great insight into ASHRAE Standard 62.1, and common design and control methods mistakes that are made when attempting to meet the minimum ventilation requirements of the standard.

For our February meeting, we are sticking with the theme of ASHRAE Standard 62.1, and are excited to welcome Dr. Thomas Lawrence, an ASHRAE Distinguished Lecturer, who will be presenting on CO2 Monitoring for Outdoor Airflow and Demand-Controlled Ventilation. This presentation will provide a different perspective on a topic similar to the January meeting. The meeting will be held at the traditional time and location (Crowne Plaza Blue Ash, 5901 Pfeiffer Rd. Blue Ash, OH 45242) on Tuesday, February 13, 2018 with lunch starting at 11:30 AM and the discussion starting at 12:00 PM. Please register by returning the attached RSVP form to [laurakamphaus@zoomtown.com](mailto:laurakamphaus@zoomtown.com) or online at the following link: <https://www.eventbrite.com/e/ashrae-february-2018-luncheon-tickets-42670586874>

I hope that all who were able to make it to the ASHRAE winter conference in Chicago had a great time! It is quite incredible that TWO members of the Cincinnati ASHRAE chapter were elevated to the grade of Fellow, and recognized at the Plenary Session at the Palmer House Hilton on Saturday, January 20th. This is an incredible accomplishment, and much deserved by both individuals. Please join me in saying **congratulations**, and **thank you** to Fred Betz and Dr. Raj Manglik.

Please join the Cincinnati Chapter Board of Governors as we congratulate Vinny Violi on becoming the newest member of the board. Vinny is a Systems Account Manager for Trane, and is very excited to join the team.

Each month we strive to select meeting topics that are valuable and relevant to all in our local membership including engineers, contractors, owners and product reps among others. Please feel free to contact me directly with any questions, comments, concerns, or suggestions:  
Edwin Porter : [Porteree@gmail.com](mailto:Porteree@gmail.com)

### 2017-2018 Board Members

- President ..... Edwin Porter  
[Porteree@gmail.com](mailto:Porteree@gmail.com)
- President Elect ..... Pete Rasche
- Secretary ..... Steve Tossey
- Treasurer..... Dave Klenk
- Past-President..... Dave Deger
- New Member..... Vinny Violi

### Chapters Technology Transfer (CTTC)

- Chair..... Pete Rasche

### Research Promotion Committee

- Chair..... Joe Zirkelbach

### Membership Promotion Committee

- Chair..... Jason Hilton

### YEA and Student Activities Committee

- Chair..... Connor McCurren  
[cincyYEAchair@gmail.com](mailto:cincyYEAchair@gmail.com)

### Historian

- Chair..... Joe Nader



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## Committee Reports

### Research Promotion (RP)

Joe Zirkelbach

Did you know you can divide your yearly donation between the general fund and the Bill and Don Bahnfleth Presidential Endowment we started a few years ago? When you make your donation on-line you can specify how you want it divided by entering different amount into a few boxes. Under the endowment section you also need to call out the Bahnfleth Presidential as your endowment choice. I made it our chapter's goal to reach \$10,000 in the endowment and as of today we stand at \$8,425. So when making your donation please consider splitting between the endowment and ASHRAE Research. For information on how to donate you can email me [jjzirkelb@fuse.net](mailto:jjzirkelb@fuse.net). Remember our Chapter's goal this year is \$10,500 and donations to the endowment do count toward the goal.

### Membership Promotion (MP)

Jason Hilton

As a chapter we have slowed down the rate of declining members. The start of 2018 is a great time to encourage new members to join and existing members to renew. Please talk to your friends and colleagues about joining, it only takes about 10 minutes to complete the registration process.

### Chapter Technology Transfer (CTTC)

Pete Rasche

The second of our two ASHRAE Distinguished Lecturers will be presenting at our February meeting. Dr. Thomas Lawrence will be coming in from the University of Georgia to present on CO2 monitoring and DCV. We had good attendance for our first DL presentation in January and hopefully everyone can make it to hear Dr. Lawrence speak on a topic which is very relevant in our designs these days.

### Young Engineers in ASHRAE (YEA)

#### /Student Activities (SA)

Connor McCurren

Be on the lookout for upcoming YEA/SA activities! WE are currently planning a few events with details to be sent out soon.

## Calendar of Events

<b>02/13/2018</b> <b>11:30 AM</b>	<b>Monthly Members Meeting</b> <b>Dr. Thomas Lawrence</b> <b>ASHRAE Distinguished</b> <b>Lecturer</b> <b>CO2 Monitoring for Outdoor</b> <b>Airflow and Demand-</b> <b>Controlled Ventilation</b>
<b>03/13/2018</b> <b>11:30 AM</b>	<b>Monthly Members Meeting</b> <b>Kyle DelPiano</b> <b>Modern Pump Selection for</b> <b>System Efficiency</b>
<b>04/10/2018</b> <b>11:30 AM</b>	<b>Monthly Members Meeting</b> <b>Jeff Dollar</b> <b>Needlepoint Bi-polar</b> <b>Ionization Cold Plasma</b> <b>Technology</b>
<b>05/14/2018</b> <b>11:30 AM</b>	<b>Annual Golf Outing</b> <b>Wetherington Country Club</b>



## Tom Lawrence, Ph.D., P.E., Fellow ASHRAE, LEED® AP

Dr. Lawrence is the Mechanical Engineering program lead with the University of Georgia, and has 35 years of professional experience. He spent the first 18 years in industry and after going back for his PhD at Purdue he has been at UGA since January 2004. He is the past chair of ASHRAE Technical Committee 2.8 and is a member of the committee that wrote and maintains ASHRAE Standard 189.1 for High Performance Green Buildings. As an ASHRAE Distinguished Lecturer, he gives seminars on green building design at venues around the world. Dr. Lawrence was named an ASHRAE Fellow in 2016 and is a Director-at-Large on the Board of Directors for ASHRAE.

Dr. Lawrence has a B.S. with Highest Distinction in Environmental Science from Purdue University (1978), a M.S. degree in Mechanical Engineering from Oregon State University (1982) and a second M.S. degree in Engineering Management from Washington University in 1989. He received a Ph.D. in Mechanical Engineering from Purdue University in the spring of 2004



**ASHRAE**  
**CINCINNATI CHAPTER MEETING**  
**RSVP FORM**

\_\_\_\_\_  
Name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Email Address

**Will be attending the ASHRAE Cincinnati Chapter meeting on:**

**DATE:** February 13th, 2018

**TIME:** 11:30am

**PLACE:** Crowne Plaza  
5901 Pfeiffer Road  
Cincinnati, OH 45242

**COST:**  
\_\_\_\_\_  
\$25.00 ASHRAE member  
(\$5.00 discount if RSVP by deadline)  
\_\_\_\_\_  
\$35.00 Non-Member  
(\$5.00 discount if RSVP by deadline)  
\_\_\_\_\_  
\$10.00 Student

**TOPIC:** CO2 Monitoring for Outdoor Airflow and Demand-Controlled Ventilation  
**Speaker:** Dr. Thomas Lawrence, ASHRAE Distinguished Lecturer

**FAX or Email TO:** *Laura Kamphaus (513) 481-5361*  
*Or Email: laurakamphaus@zoomtown.com*

**Registration deadline NOON Friday, February 9th, 2018**  
Remember to honor your reservations. No shows will be billed by ASHRAE



ASHRAE is conducting a survey of facility managers. If you are one, please consider taking the time to complete the survey in the link. If you are not one, but work with these folks, please consider forwarding this information to them

Dear Participant:

ASHRAE is currently conducting a research project titled ASHRAE RP-1650: Training Requirements for Sustainable, High-Performance Building Operations.

As part of this research we are conducting a survey of the Facility Managers in the industry who are involved in the O&M of High Performance Building Operations.

The aim of this survey is to gain an insight into the knowledge and skill requirements of the O&M staff to operate high performance building systems and equipment.

The results of the survey will help us formulate training documents that address knowledge and skill sets that are required for O&M personnel to effectively operate such high performance building systems and equipment.

We request you to participate in this survey. Filling out this survey should take about 15 - 20 minutes of your time.

The link to this survey is provided below:

[https://montana.qualtrics.com/jfe/form/SV\\_2ixnELa2V9IfaRL](https://montana.qualtrics.com/jfe/form/SV_2ixnELa2V9IfaRL)

We plan on closing this survey on the 28th of February 2018.

Your input regarding your experience with the O&M of high performance building systems and equipment and systems would greatly benefit this research.

Thank you

Jaya Mukhopadhyay, Ph.D. LEED AP

Assistant Professor

School of Architecture

Montana State University

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