



# DAYTON CHAPTER

WWW.DAYTONASHRAE.ORG

ISSUE I | 2022

## CURRENT OFFICERS

### PRESIDENT

**Matt Dill**

Matthew.dill@victaulic.com  
Victaulic

### PRESIDENT-ELECT

**Jennifer Eller**

jmeller@heapy.com  
Heapy

### TREASURER

**Trent Hayden**

thayden@energyoptusa.com  
Energy Optimizers, USA

### SECRETARY

**Zak Schultz**

zak.schultz@ferguson.com

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&

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## Dayton ASHRAE Holiday Party



*At the Historic  
Engineers Club of Dayton*

*110 E. Monument Ave.*

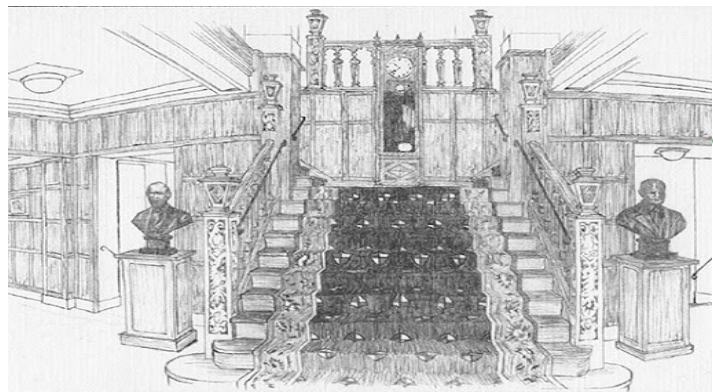
*Saturday January 22, 2021*

*5:30 pm to 8:30pm*

To RSVP email Vincent Caudill at  
[vcaudill@ecomfortohio.com](mailto:vcaudill@ecomfortohio.com) or by  
calling 513-512-5359.

Please sign up by January 14th.

*~Join us for an enjoyable evening out of  
Friends, food, drink and fun ~*



# FROM THE PRESIDENT

I hope everyone had a safe and enjoyable holiday season. Thank you to everyone that joined us for our December meeting with Kirk Phipps. He gave his presentation on Hydronic Balancing Concepts. This was a joint meeting with MCA so I would also like to thank them for attending his presentation.

We are preparing for our annual holiday party. We are very excited to have this event back after missing it last year. I hope everyone will be able to join us on Saturday, January 22<sup>nd</sup>. The holiday party will be held at the Engineers Club from 5:30 – 8:30.

Please reach out to a member of the board if you are interested in getting more involved with the Dayton Chapter.

Thank you, *Matt Dill* – President, Dayton ASHRAE

## Upcoming Events

*Dec 8th*

**ASHRAE Chapter Mtg.**  
11:30 AM, Hybrid Meeting

*Dec 15th*

**Board of Governors**  
8:00 AM, Virtual Meeting

*Jan 19th*

**Board of Governors**  
8:00 AM, Virtual Meeting

*Jan 22nd*

**ASHRAE Holiday Party**  
5:30pm - 8:30pm

*Feb 9th*

**ASHRAE Chapter Mtg.**  
11:30 AM, Hybrid Meeting

[See Additional  
Events & Volunteer  
Opportunities Here](#)

# CHAPTER HISTORY (2007-2008)

<b>President:</b>	<b>Greg Cohron</b>	Ramsey Cohron
<b>President:Elect:</b>	Lorraine Kapka	Sinclair Community College
<b>Secretary:</b>	Colleen Haun	Ramsay Cohron
<b>Treasurer:</b>	Jeremy Fauber	Heapy Engineering
<b>Membership:</b>	Joe Ferdelman	Heapy Engineering
<b>Historian:</b>	Tom Ferdelman	Heapy Engineering
<b>RP:</b>	Dennis Lammlein	Signature Technologies
<b>Student Act.:</b>	Russell Marcks	Sinclair Community College

Meetings were held at the Dayton Engineers Club.  
CRC Held in Grand Rapids, Michigan  
Tour & Refrigeration Night: EJ Nutter Center & Hockey Game

## Committee Chairs

### **MEMBERSHIP**

**Vincent Caudill**

Vcaudill@ecomfortohio.com  
Environmental Comfort, LLC

### **HISTORY**

**Bryan Schenck**

Brian.Schenck@waibelenergysystems.com  
Waibel Energy Systems

### **COMMUNICATIONS**

**Nathan Lammers**

Nathan.Lammers@waibelenergysystems.com  
Waibel Energy Systems

### **RESEARCH PROMO**

**Tom Mastbaum**

tom.astbaum@tem-associates.com  
TEM Associates, LLC.

### **STUDENT ACTIVITIES**

**Russell Marcks**

Russell.marcks@sinclair.edu  
Sinclair Community College

### **CTTC**

**Evan Nutt**

ENutt@elitaire.com  
ElitAire

### **GOVERNMENT AFFAIRS**

**Paul Hawkins**

Paul.Hawkins@waibelenergysystems.com  
Waibel Energy Systems

**YEA (Chair)**

**Phillip Reid**

PAReid@heapy.com  
Heapy

## Board of Governors

**Rick Pavlak**

Heapy

**Lorraine Kapka**

Sinclair College

**Evan Nutt**

ElitAire

# MEMBERSHIP

## New Members

The Dayton Chapter is happy to welcome its newest members. If you see them please give them a warm welcome!

### December

**Robert Rudolph  
Gordon Clark**

**Nathan Rogers  
Phillip Shook**



## Do you know a colleague that would benefit from joining ASHRAE?

You can go to [http://web.ashrae.org/connect\\_a\\_colleague/](http://web.ashrae.org/connect_a_colleague/) and quickly sign up for ASHRAE to send an email to ask them to sign up on your behalf.

## Membership Recognition

We would like to recognize the following members who have been with ASHRAE for the following years! Thank you for all your contributions to the field!

5 Years: **Nathan Launer & Steven Baker**

15 Years: **Michael Wisnewski**

40 Years: **David Patterson**



## **Membership Promotion Committee**

Looking for a way to get involved with your local ASHRAE chapter and meet new people? The membership promotion committee is looking for volunteers to join the committee. The committee's primary responsibility is to recruit new members and retain existing members. If you are interested in serving please contact **Vincent Caudill** at [vcaudill@ecomfortohio.com](mailto:vcaudill@ecomfortohio.com) or by calling 513-512-5359.

## Membership Application Here

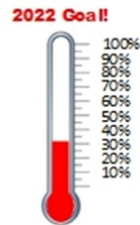
# ASHRAE RP

As we approach the final month of the calendar year, we want to take time to thank all of those who have donated throughout 2021. We had our Awards Presentations in October of this year and awarded a record number of Donor Certificates. See Picture below of Tom Fesenmyer receiving the Partner level Award for Emerson. The ASHRAE Year ends on June 30, 2022, so there is still plenty of time to donate. Happy Holidays to all and may your new year be successful!

Please note again that in order to be recognized with a commemorative coin, and have your name published in the ASHRAE Journal, the minimum donation is \$150 for individuals and \$500 for Corporate Donors .

**2021 Goal =**            **\$ 19,680**  
**YTD =**                 **\$ 6,400**  
**To go =**                **\$ 13,280**

**% to GOAL:**         **32%**



## Partner Level

## Honor Roll

## Bronze Level

Steve Meier  
Tom Mastbaum  
Evan Nutt  
Brian Turner  
Lorraine Kapka  
Trent Hayden  
Russell Marcks  
Vince Caudill  
Kyle Schroeder  
Bryan Schenck  
Zak Shultz  
Jennifer Eller  
Matt Dill

**Uptime Solutions**

## Silver Level

**Waibel Energy**

## Honorable Mention

**Keith Strayer**  
**Jeremy Fauber**

**Thanks for all your help and support. If you would like to donate NOW simply click this link:**

**[DONATE NOW](#)**

And make your donation to help ASHRAE in its Research Efforts. Thank you so much!!



# ASHRAE News

## Be a Part of ASHRAE's First Career Fair

The Student Activities committee is excited to announce the first ever international Virtual Career Fair from February 7-14, 2022. This unique event will give employers exposure to students across national and international borders with a focus on the HVAC&R industry. This event will help you promote your position whether you are looking for a summer student, internship, co-op or full-time hire. The event will be hosted over the course of a week. During this time students can visit virtual booths based on geographical location and filter by types of business within HVAC&R. They can read about your company and find out about your role. Wednesday February 9th, 2022 will be the live day where students can arrange a video chat to speak with one of your booth hosts. If you are not able to be in the booth at that time, there are also private messaging features within the platform.

[Register Here](#)

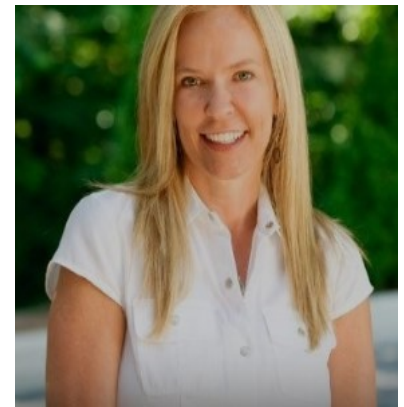
The advantages to your company are:

**Low cost compared to an in-person career fair** – Normally a company will incur expenses for the booth, in addition to expenses for one or more representatives to attend in person. This virtual platform saves the costs of flights, hotels, and shipping costs for booth material. You will only incur the registration fee.

- **HVAC&R focus** – This event will be entirely focused on HVAC&R. Applicants will have a keen interest in this field.
- **Large talent pool** – Your company will be able to reach thousands of HVAC students not only across the USA but throughout the world. Finding the right person will become much easier with lower effort.
- **Corporate exposure** – your company will have exposure on a global scale.
- **Low burden to the employer** – The virtual booths are easy to set up and maintain

## ASHRAE Treasurer Ginger Scoggins Appointed to North Carolina County Energy Commission

Ginger Scoggins, P.E., ASHRAE Treasurer, Executive Committee member, and Triangle Chapter member, was recently appointed to the Wake County Energy Advisory Commission in North Carolina. In addition to being a registered engineer, Ginger is a Certified Energy Manager and a Commissioning Authority. She has 30 years of experience in designing HVAC systems for the building industry. She will serve a 3-year term. The mission of the Advisory Commission, created in 1978, is to promote the conservation of energy in government, industry, and the home.



The commission seeks a comprehensive and coordinated approach offering recommendations and studies to the Wake County Board of Commissioners. Meetings will be held monthly. More information on the Wake County Energy Advisory Commission can be found [here](#).

**Congratulations Ginger on your appointment to the Commission!**

# ASHRAE News

## Senate Committees Continue Deliberations on the Build Back Better Bill

Senate Committees, including Finance, Environment and Public Works, Energy and Natural Resources, and Health, Education, Labor, and Pensions, continue their deliberations on the Build Back Better Bill, which passed the House in November. Under Senate Rules, as the bill is being considered under the budget reconciliation process, the legislation can only involve budget-related matters and cannot include policies that have no fiscal impact or “merely incidental” fiscal impacts. The committees are reviewing the bills in light of the Senate Rules, and with the objective of securing the 51 votes needed for bill passage. This past weekend, the Senate Finance Committee released its version of its section of the bill, which included modifications to the state and local tax deductions, minor modifications to the clean energy and electric vehicle provisions, including to the 179D tax deduction that references [ASHRAE Standard 90.1](#). The Senate Committees on Energy and Natural Resources, and Environment and Public Works are expected to release their portions of the Build Back Better Bill later this week. For the latest information from these committees, please visit the committee websites [here](#) and [here](#).

## DOE Issues \$54 Million Funding Announcement for Community-Focused Clean Energy

The U.S. Department of Energy announced a funding opportunity for small businesses to research, develop, and create commercialization plans for new technologies that equitably advance the nation’s transition to a clean energy economy. Initial grant awards of \$250,000 will be made, and subsequent awards of up to \$1.6 million may follow. DOE specifies the following types of projects that are eligible for these grants:

- Diversify sustainable sources of minerals and materials needed to manufacture clean energy technologies
- Enhance thermal energy storage technologies for buildings
- Improve recyclability and reuse of retired solar panels and components
- Increase hydropower and marine energy generation
- Convert biomass and other waste into cost-effective, carbon-free fuels

Develop technologies for affordable, efficient hydrogen production, delivery, and storage. To apply, a letter of intent is due by 5:00 p.m. ET on January 3, 2022, with full applications due on February 22, 2022.

To learn more about this funding opportunity, please visit [here](#).

## City of Columbus, Ohio Announces First Climate Action Plan

Last week, the City of Columbus, Ohio announced its first Climate Action Plan (CAP), with a goal of reducing carbon emissions 45% by 2030. The CAP contains a series of goals and action steps to reduce emissions, increase equity, and make the city more sustainable in five areas: Climate Solutions, Sustainable Neighborhoods, Buildings, Transportation, and Waste. The city has allocated \$10 million toward the plan in its proposed 2022 Operating Budget, which includes funding to create additional clean energy jobs, expand energy efficiency initiatives, and establish a regional Green Fund to support solar projects for nonprofit organizations and affordable housing units. More information on the CAP can be found on the city's website [here](#).

## Qatar's World Cup Stadiums' Cooling Tech Could Blaze Trail for Stadiums

*From October 28's HVAC&R Industry Newsletter*

The cooling systems implemented at seven of the eight FIFA World Cup 2022 stadiums in Qatar are each unique. [Read more](#)

## Reducing Energy Consumed To Dehumidify Outdoor Air

*From June 24's HVAC&R Industry Newsletter*

Purdue University engineers have proposed a system that integrates specialized membranes into the HVAC system to reduce the energy required to dehumidify the outside air. [Read more](#)

## New York City Council Votes to Ban Natural Gas in New Buildings

The New York City Council has voted to ban the use of natural gas in new buildings, following in the footsteps of dozens of smaller U.S. cities. The law would apply to new buildings under seven stories high at the end of 2023 and those over seven stories in 2027. There are exceptions for new buildings used for certain activities, including manufacturing, hospitals, commercial kitchens and laundromats.

[Read more](#)

### ASHRAE Job Board

[Technical Professional Leader - HVAC and Plumbing Engineer](#) KBR; Newark, Del.

[Mechanical Engineering Section Manager](#) Cornell University; Ithaca, N.Y.

[Electrical Engineer and Senior Electrical Engineer](#) SeeScan, Inc.; San Diego, Calif.

[Senior Controls Engineer](#) MycoWorks; Emeryville, Calif.

[Heat Pump Technical Advisor](#) Slipstream; Lansing, Mich.

[Facilities Mechanical Engineer](#) Epic; Verona, Wis.

[Mechanical Engineer](#) CHA Consulting, Inc.; Rochester, N.Y.; Parsippany, N.J.; Albany, N.Y.; Richmond, Va.; Atlanta, Ga.

[Senior Project Engineer](#) HVAC RenewAire; Waunakee, Wis.

[Electrical Engineer Systems Architect](#) Dell Technologies; Austin, Texas.

[Refrigeration Engineer or Designer](#) Cushing Terrell; Missoula, Mont.

[View All](#)