



ISSUE XI | 2019

DAYTON CHAPTER

CURRENT OFFICERS

PRESIDENT

Michael Weisman

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Habegger Corporation

PRESIDENT-ELECT

Brian Turner

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ElitAire

TREASURER

Nathan Launer

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Johnson Controls, Inc

SECRETARY

Matt Dill

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Victaulic

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February Dayton ASHRAE Chapter Meeting
is a joint meeting with **HARDI**

Meeting location will be at:

**THE HELIX INNOVATION CENTER
BY EMERSON**

Monday, February 10th, 2020 - From: 11:30am to 1:00pm

Social Time: 11:30 - 11:45

Lunch: 11:45 & Main Presentation: Noon



Presentation Topic:

**The Low GWP Refrigerant
Transition: Regulatory Landscape and
options for HVAC&R Equipment**

**Presenter: Bill McQuade, P.E., LEED AP, Fellow
ASHRAE- VP, Sector Services and Industry Sector Lead,
Applied**

He will provide an overview of the current state of refrigerant regulation in North America and globally. The role of safety standards and building codes will be discussed in the context of using low GWP flammable refrigerant options. Low GWP refrigerant options that are being adopted by the industry will be reviewed for various equipment types. Lastly, the relevant contribution of refrigerant leaks to the total lifetime CO2 equivalent emissions of HVAC&R will be explored.

Please RSVP to JPFauber@heapy.com

By **Friday 01/31 @ Noon**

FROM THE PRESIDENT

To all that attended the Holiday Party this year, we hope you enjoyed another wine tasting event hosted by Dorothy Lane Market and the Engineers Club.

Coming up in February, our Chapter lunch meeting and presentation will be at the Helix on February 10th at 11:30am. Refrigerants in our industry are always evolving, and we hope you can join us to learn more about the transition to low GWP refrigerants.

Also in February is Tech Fest at Sinclair CC on February 15th and 16th. We are soliciting volunteers for both days for the Engineers Club Exhibit. Please contact Tom Mastbaum if you are interested in volunteering. If you haven't been to Tech Fest, it is a great experience to show young students what a career in a STEM discipline could be.

Finally, the ASHRAE winter conference and expo kicks off this weekend. Safe travels to those of you making the trip.

The Dayton ASHRAE Golf Scramble is right around the corner in May. Do you have your team together? Are you sponsoring a hole? Thank you.

Mike Weisman - President, Dayton ASHRAE

Upcoming Events

February 10th
ASHRAE Chapter Mtg.
11:30 AM, Emerson Helix

February 19th
Board of Governors
8:00 AM, Heapy Engineering

March 9th
ASHRAE Chapter Mtg.
8:00 AM, Engineers Club

March 18th
Board of Governors
8:00 AM, Heapy Engineering

April 13th
ASHRAE Chapter Mtg.
5:00 PM, TBD

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

CHAPTER HISTORY (1988-1989)

President:	Roger Hawkinberry	Delco
President Elect:	Dennis Helmig	Helmig, Lienesch
Vice Pres:	Rick Huff	Weber Huff
Secretary:	Dave Schmenk	Lorenz & Williams
Treasurer:	Phil Van Styn	Heapy Engineering
Education:	Lorraine Kapka	EG&G Mound Allied
RP:	James Albitz	Trane
Membership:	Mark Neiheisel	Uptime Solutions

Meetings were held at the Dayton Engineering Club.
CRC held in Detroit.

Members: 188
Received the PAOE award!

Had a Tech Meeting on: HVAC in Alaska and a Plant Tour of Aerovent whom make Industrial fans, ventilators & blowers.

Committee Chairs

MEMBERSHIP

Jeremy Fauber

JPFauber@heapy.com
Heapy

HISTORY

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COMMUNICATIONS

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RESEARCH PROMO

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STUDENT ACTIVITIES

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CTTC

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Paul Hawkins

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YEA (Chair)

Phillip Reid

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Heapy

Board of Governors

Jeremy Fauber

Heapy

Rick Pavlak

Heapy

Larraine Kapka

Sinclair College

MEMBERSHIP

New Members

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



January

Austin Mathias
Robert Rudolph
Daniel Weaver
Daniel Crump
Jasem Alqabandi
Cole Kendig
Jason Gordon

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

You can go to 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!

60 Years

David Lewis
Colin MacKenzie

50 Years

David Waibel

40 Years

Denny Lammlein

35 Years

Timothy Myers



5 Years

Mark Hopf

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 Jeremy Fauber at jpfauber@heapy.com. Or by calling 937-224-0861

Membership Application Here

ASHRAE RP

Happy Valentines Day! And thanks for giving “from the Heart.” We are now just beyond the midway point of the ASHRAE RP “year” and now stand at 42% of our goal. Thanks so much for your generosity over the past seven months!! With all of our efforts, and your support of our chapter at the Golf Outing and Direct Donations, we can be sure to reach our 2020 Goal

IMPORTANT: One change that you need to know about: To achieve “Honor Roll” status this year the minimum donation level is **\$150**. Honor Roll means that your name is published in the ASHRAE Journal, and you receive a Commemorative Gold Coin of a Refrigeration or HVAC Pioneer. We appreciate all donations and a donor your name will appear as a donor in our local newsletter. But if you want to keep your “Coin Collection” going and be “Published,” the NEW MINIMUM is \$150.

2020 Goal =	\$19,680
YTD =	\$ 8,330
To go =	\$11,350

Honor Roll

Nathan Lammers
Evan Nutt
Tom Mastbaum
Nathan Launer
Steve Meier
Brian Turner
Uptime Solutions
Bryan Crnarich
Waibel EnergySystems
Dayton Foundation
Dayton ASHRAE Chapter
Rick Pavlak

Honorable Mention

Nick Pavlak
Joseph S Ferdelman, PE
Michael Thomas Weisman
Bryan Schenck
John R Patterson, Jr
Lorraine Kapka
Jeremy Fauber
Jennifer Eller
Kyle Schroder
Frank Mauro
Eric Dill

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!!



Help ASHRAE to inspire young minds!!

You never know who might be the next
**Charles Kettering, Colonel Edward Deeds, Emily Roebling,
Edith Clarke or Orville & Wilber Wright**

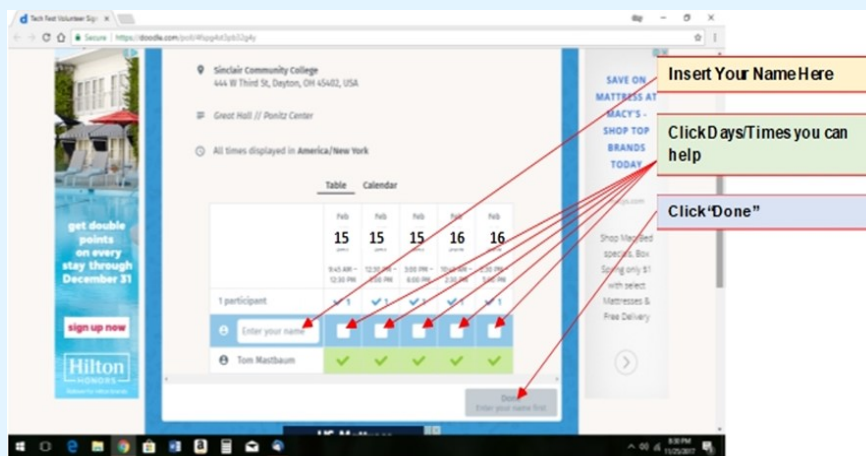


WHEN: Saturday, February 15 – Sunday, February 16, 2018
WHERE: **Sinclair Community College**, Ponitz Center,
Corner W. Third and Perry Street, Dayton, OH

Tech Fest 2020 is only a couple of months away! TechFest is a super career exploration opportunity in a festival environment for all school age children. There will be approximately 70 hands-on exhibits and demonstrations in a wide variety of STEM fields. Youth and their families can interact with practicing professionals. To learn more about TechFest download the Flyer [here](#)

The Engineer's Club of Dayton is a proud supporter of TechFest, and has a large booth, offering STEM Education using interactive "brain teasers" to challenge the students. We are in need of volunteers to work the booths ranging from Simple Machines, Cryptography, Optics, and many more. Please consider taking a couple of hours out of your Saturday or Sunday on February 15-16 to help the Engineer's Club in serving our most valuable asset: The future Engineers of America!

Simply Click here: [I support STEM](#). And Fill in the times you are available to help following the instructions below: Or shoot a quick e-mail to Tom Mastbaum (tmastbaum@woh.rr.com). or a text or phone call to (937) 823-2029



YEA Outreach Opportunity - [TechFest 2020](#)

(See article above)

Free family-friendly STEM Engagement. If you are available for an 1+hr, please considering signing up to volunteer today. All hands on deck.

Saturday, 15 February 2020, 10 AM to 6 PM
Sunday, 16 February 2020, 11 AM to 5 PM

ASHRAE GOLF OUTING!!!

Coming Soon!!!

May 15, 2020

At: Heatherwoode Golf Club in Springboro

Click the Golfers for link to the event website for signing up and more information



**Just one more way
we can serve
the young minds
of tomorrow!!**

The Dayton Regional
S T E M
School

**Mark your calendars for STEM's 9th Annual Science Fair
on Saturday February 8th!**

Dayton **ASHRAE** is a proud Gold Sponsor of the STEM School Science Fair, and provide three levels of prizes for the Students. Our Award is based on the best demonstration of Sustainability principles in the project.

Judges are needed from the Chapter to help with the overall judging plus Awarding the Prizes for our Award. A judges orientation and light breakfast will be provided at 8:30am, and the total time commitment is 3-4 hours. There are also opportunities to sponsor customized student awards, and you can choose the winner!

[Click here to sign up as a Science Fair Judge.](#) ... Please also call or text Tom Mastbaum at (937) 823-2029 so we can get a head count of ASHRAE Judges.

Registration ends on January 27th. With your help, it's sure to be another exciting year! Please let me know if you have any questions. We hope to see you in February!

Jillian Campbell
jill.campbell@wright.edu
Science Faculty
Dayton Regional STEM School

ASHRAE News

ASHRAE Holds a Government Outreach Day in Maryland

On January 9, members from ASHRAE's Baltimore and National Capital Chapters met in Annapolis, Maryland to meet with state legislators. 11 ASHRAE members attended and they conducted meetings with 29 legislators and their staff. Members provided them with an introduction to ASHRAE and explained how ASHRAE can be a source of technical expertise for future legislation involving building energy efficiency standards, HVAC equipment, refrigerant safety, Legionella disease, and indoor air quality among other issues.

European Union Reviews Climate Goals and Launches Sustainable Europe Investment Fund

The Parliament of the European Union (EU) voted 482 to 136 to pass the European Green Deal, which calls for the EU to be carbon neutral by 2050. The Parliament also has pushed for more aggressive 2030 and 2040 targets. To spur the EU's transition to a climate-neutral economy by 2050, the European Union is providing about \$1 trillion in financing to spur green investments across all sectors of the economy. For areas of the EU which will be more highly impacted due to higher employment in fossil fuel production, the EU is providing "The Just Transition Fund" to help these countries with their transition. More information can be found [here](#).

Energy and Commerce Subcommittee Holds Hearing on HFC Phasedown Legislation

On January 14, the Subcommittee on Environment and Climate Change held a legislative hearing entitled, "Promoting American Innovation and Jobs: Legislation to Phase Down the Use of Hydrofluorocarbons." The hearing focused on H.R. 5544, the "American Innovation and Manufacturing Leadership Act," which was introduced by U.S. Representatives Paul Tonko (D-NY-20), Pete Olson (R-TX-22), Scott Peters (D-CA-52), and Elise Stefanik (R-NY-21) on January 7. View the hearing and find hearing statements [here](#).

House Energy and Commerce Committee Releases Draft Climate Legislation

On January 8, Democrats on the Energy and Commerce Committee [released](#) a legislative framework of its plan to tackle the climate crisis which includes a section on buildings. The legislation was developed after committee staff issued a questionnaire and held several meetings with stakeholders, including [ASHRAE](#). On January 16, House Republicans held a conference-wide meeting on the issue of climate change to outline a proposal for climate legislation. The gathering featured presentations from Climate Crisis Committee Ranking Member Garret Graves (R-LA); Energy and Commerce Ranking Member Greg Walden (R-OR); and Rep. Bruce Westerman (R-AR).

2019 Second-Hottest Year Since Record-Keeping Began

On January 15, NASA and NOAA reported that 2019 was the second warmest year since 1880, when record-keeping began. 2016 was the hottest year. The federal agencies also reported that the past decade (2010–2019) was the hottest decade on record. More information about temperature records and the state of the climate can be found [here](#).

ASHRAE News



Energy Department Accelerates Energy and Water Efficiency Advancement at Federal Facilities via Performance Contracts

The U.S. Department of Energy has announced more than \$5 million in funding for 11 federal agency projects to fully utilize energy and water efficiency and renewable energy technologies. To view the projects, click [here](#).

DOE Publishes Final Rule for Efficiency Standards of Appliances

The U.S. Department of Energy (DOE) has published new rules that will go into effect on March 10 that set energy efficiency standards for equipment such as [commercial packaged boilers](#), [portable air conditioners](#), [industrial air compressors](#), and [uninterruptible power supplies](#). The rules were [published](#) following decisions from both a federal district court and the 9th Circuit Court of Appeals last year after they were delayed by DOE.

City of Columbus, Ohio Proposes Energy and Water Building Performance Ordinance

The City of Columbus has proposed a city council ordinance with new requirements for building energy and water benchmarking, reporting, and transparency. The ordinance would apply to city-owned property that exceeds 25,000 gross square feet, and to non-city property that exceeds 50,000 gross square feet. The city is accepting comments through January 31, 2020. More information about the proposed ordinance can be found [here](#).

AHRI Seeking Volunteers for Safe Refrigerant Transition Task Force Speakers Bureau

The AHRI Safe Refrigerant Transition Task Force supporting the transition to low global warming potential (GWP) refrigerants created a Speakers Bureau in cooperation with ASHRAE and other organizations. The Speakers Bureau will maintain a list of capable presenters on various topics related to the transition to low GWP refrigerants and match those individuals to groups seeking more information about the transition. Topics could include regulatory requirements, technician training, DOT requirements, first responder training, general properties of low GWP refrigerants and others.

When opportunities arise, the AHRI Speakers Bureau will reach out to experts in the specifically needed topic areas and ask volunteers if they are available for that specific event providing the event, date, location and materials to be presented attempting to match preferred locations and timing to accommodate volunteers' schedules and minimize their travel as much as possible. If you are interested in participating in the Speakers Bureau either as an expert or if your organization would like a speaker to address your organization, please contact Chris Bresee at CBresee@ahrinet.org and provide your areas of expertise or interest as well as states where you might be willing to speak. The Task Force will provide all needed materials (e.g., presentations, fact sheets) as well as training regarding talking points to include in discussions with other stakeholders. Visit www.ahrinet.org/SafeRefrigerant for more information.