



ISSUE XI | 2019

DAYTON CHAPTER

CURRENT OFFICERS

PRESIDENT

Michael Weisman

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TREASURER

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Johnson Controls, Inc

SECRETARY

Matt Dill

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**ASHRAE REGIONS V & VI
SUPER BOWL
VIEWING PARTY!!**

Caribbean food and cash bar

Location: Sunny Orlando Florida

When: Sunday, February 2, 2020

Click football for more Info!



ASHRAE 2020 Winter Conference February 1st - 5th, 2020

Join over 3,000 buildings-related engineers, architects, contractors, students, and other industry professionals for this 5-day event packed with technical sessions, education, industry-advancing committee meetings and social events. Your conference badge will provide entrance to the AHR Expo, the world's largest HVAC&R marketplace.

**Click the picture below for more
Information on programs
And AHR Expo!**



FROM THE PRESIDENT

I hope you all had a great Christmas and New Years while enjoying some time off. It was great to see some of our contractor friends in the MCA at our lunch meeting in December. Moving forward, we plan to have some type of collaboration with MCA annually.

This Saturday, January 11th we have our Holiday Party at the Engineers Club at 6:00pm. This event is truly one of the best perks of being a local member. While registration has closed, we look forward to seeing our fellow members at the wine tasting.

The ASHRAE Winter Conference is coming up in February. For those of you going, please let us know. Jeremy Fauber has already forwarded the invitation for our Region V dinner, but we also like to record the number of people attending so we can show how strong the Dayton Chapter is amongst our peers.

Finally, please get your foursomes together for the golf outing in May! The event website is LIVE. daytonashraegolf2020.eventbrite.com
Thanks.

Mike Weisman - President, Dayton ASHRAE

Upcoming Events

January 11th
ASHRAE Holiday Party
6:00 PM, Engineers Club

January 15th
Board of Governors
8:00 AM, Heapy Engineering

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

[See Additional
Events & Volunteer](#)

CHAPTER HISTORY

(1987-1988)

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

Meetings were held at the Ramada Inn.
CRC held in Columbus.

Members: 186
Received the PAOE award!

Committee Chairs

MEMBERSHIP

Jeremy Fauber

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Heapy

HISTORY

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COMMUNICATIONS

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GRASSROOTS

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!

December
David Eslinger
Eli Bates



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!



20 Years
Michael King

5 Years
Juan Catano

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 New (Calendar) Year!! We have now reached the midway point of the ASHRAE RP “year” and now stand at 40% of our goal. Thanks so much for your generosity over the past six 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 =	\$ 8,030
To go =	\$11,650

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

Honorable Mention

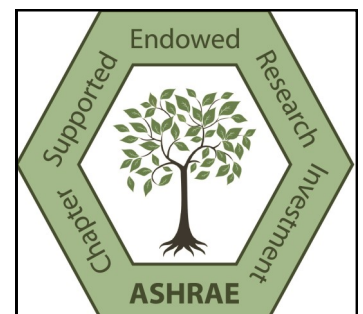
Nick Pavlak
Joseph S Ferdelman, PE
Michael Thomas Weisman
Bryan Schenck
John R Patterson, Jr
Lorraine Kapka
Jeremy Fauber
Jennifer Eller
Kyle Schroder
Frank Mauro
Eric Dill

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!!



Join our team!

New Mechanical Engineer/Designer positions open in Celina, OH



Fanning Howey is an integrated architecture, interiors and engineering firm specializing in learning environments. We use the breadth of integrated disciplines and a depth of specialized knowledge to create smarter places for learning.

We're looking for Mechanical Engineers and Mechanical Designers to join our team! Work with the most highly experienced K-12 design team in Indiana and Ohio, collaborate with interdisciplinary teams on innovative design solutions and learn directly from thought leaders in your field and beyond.

Requirements/Preferences:

- Mechanical Engineering Degree
- Engineering Technology Degree
- Knowledge of HVAC, Plumbing or Fire Protection
- Software Skills: Revit and AutoCAD
- Basic understanding of energy modeling and energy audits

Submit your resume and cover letter to jobs@fhai.com or to Chief HR Officer Dorine Vogel's LinkedIn page.

540 East Market St
Celina, OH 45822
419.586.7771
fhai.com

ASHRAE NEWS



Florida Introduces Bill on Cooling Towers and ASHRAE Members Provide Technical Input

In December 2019, Florida Senator Gruters introduced a bill that would require owners of cooling towers to register them with the Department of Health, and would require the owners obtain or update a maintenance program or plan for these cooling towers. ASHRAE members have responded to questions from the Florida Department of Health about this legislation and have offered additional technical assistance. In particular, thank you to Robin Bryant, former GAC member, and Director and Regional Chair for ASHRAE Region XII for engaging with this outreach.

West Virginia School District Adopts 50% AEDG



The Kanawha School District in West Virginia adopted the 50% AEDG K–12 Guide as the design guidance for the \$95 million renovation project. ASHRAE members in West Virginia met with this school district, which serves over 25,300 students, and encouraged this improvement in energy efficiency for the schools. Thanks in particular to former GAC member Art Hallstrom who took a leadership role in this effort!

Netherlands Supreme Court Rules Government Must Cut GHG Emissions



On December 20, the Supreme Court for the Netherlands ruled that the country must cut greenhouse gas emission (GHG) by 25% from benchmark 1990 levels in 2020. The Netherlands has also committed to a 49% reduction of emissions by 2030 compared to 1990 levels. The court ruled that the government must reduce emissions since it had a legal obligation "to protect the lives and well-being of citizens in the Netherlands."



Germany's Parliament Passes Law to Ensure Climate Goals

In Germany, the Bundesrat (the upper house of Parliament), approved [a climate law](#) that aims to help the country hit its 2030 emissions reduction goal. The law, which was passed by German parliament's lower House in November, went into effect on January 1 and creates a national emissions trading system for the transport and building sectors.

Maryland Rolls Out Clean Energy Proposal



Maryland Governor Larry Hogan has rolled out the Clean and Renewable Energy Standard, or CARES, as part of the state's effort to move toward renewable energy sources. The proposal would maintain the state's renewable energy requirements of 50% by 2030 and 100% by 2040 and bring nuclear power into the fold of renewable energy. Additionally, the bill would create new Clean Energy Resource Credits that would only be available to facilities in Maryland that generate electricity through nuclear power, combined heat and power, natural gas or burning biomass. The 90-day General Assembly in Maryland began on January 8.

ASHRAE News

Congress Passes an End of Year Spending Bill

Congress avoided a government shutdown by approving a \$1.4 trillion spending bill that was signed by President Donald Trump. The bill includes a \$2.9 billion increase for the Department of Energy including a 26% boost to its Buildings Technologies Office. Additionally, tax incentives for energy efficiency were extended in a year-end tax package attached to the spending bill; the incentives are retroactive and are extended through the end of 2020. This includes 179D, a tax deduction that sets incentives for building owners that reduce their building's total energy and power cost by 50% or more in comparison to past versions of ASHRAE Standard 90.1.

Bipartisan Legislation Introduced in the House to Phase Down High-GWP Refrigerants

On January 7, U.S. Representatives Paul Tonko (D-NY-20), Pete Olson (R-TX-22), Scott Peters (D-CA-52), and Elise Stefanik (R-NY-21) introduced H.R. 5544, the *American Innovation and Manufacturing Leadership Act of 2020*, which would require a 15-year phasedown of high global warming potential (GWP) HFCs in the U.S., beginning in 2020. This bill is a companion measure to S. 2754, a bipartisan bill introduced in the Senate in October. ASHRAE has provided letters in support of the legislation and has offered technical assistance.

EERE Issues Funding Opportunity Announcement for Innovation Projects

The U.S. Department of Energy Office of Energy Efficiency and Renewable Energy (EERE) has issued a \$40 million funding announcement for innovation projects that cover key agency priorities, such as critical materials, energy storage, grid integration, water security, and cybersecurity. More information about the funding announcement can be found [here](#).

House Republicans Host Energy and Environment Innovation Showcase

On December 9, Republicans on the House Energy and Commerce Committee hosted an [energy and environment innovation showcase](#) "to highlight the importance of investing in the development and deployment of breakthrough technologies to reduce emissions, power the economy of tomorrow, and provide greater value to American consumers." [The event](#) featured companies, universities, and other organizations from members' districts. In advance of the event, Republicans listed [12 bipartisan bills](#) they could work on in 2020 to reduce emissions and promote clean energy.

285 Companies Agree to Meet Low-Emission Targets

On December 4, the Science Based Targets Initiative announced that 285 companies agreed to meet targets for lower emissions that correspond with the current goals of the Paris climate accord. It is projected that these commitments could drive an estimated \$18 billion in climate mitigation funding and 90 terawatt hours of renewable generation each year. Participants include Microsoft Corp., Coca-Cola Co. and McDonald's Corp. Additional companies continue to pledge emissions reductions. The full list can be found [here](#).

ASHRAE Fun

JUST FOR FUN

HVAC Word Search

N	I	S	R	T	C	P	C	O	O	L	A	N	T
M	T	C	R	L	O	U	C	O	O	L	I	N	G
A	T	E	R	U	M	M	T	A	R	M	O	L	D
R	A	R	U	I	P	P	P	H	R	C	E	T	I
E	E	N	L	O	R	E	X	H	A	U	S	T	F
L	T	E	M	P	E	R	A	T	U	R	E	R	F
L	I	C	I	S	S	H	D	A	M	P	E	R	U
I	C	E	S	E	S	E	S	E	R	A	E	E	S
H	O	E	H	N	O	A	Y	A	C	E	I	G	E
C	M	U	L	S	R	T	G	R	E	D	C	C	R
E	F	P	T	O	O	I	R	H	F	U	I	D	G
O	O	C	A	R	E	N	E	S	N	H	P	P	R
P	R	R	T	I	U	G	N	A	S	D	U	C	T
U	T	B	E	E	F	R	E	M	O	R	G	A	U

TEMPERATURE
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PUMP
BTU
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DUCT
COMPRESSOR

CHILLER
DAMPER
DIFFUSER
ASHRAE
COOLING
COOLANT
EXHAUST
COMFORT
SENSOR