



DAYTON CHAPTER

WWW.DAYTONASHRAE.ORG

ISSUE XI | 2024

CURRENT OFFICERS

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Kevin Sturm

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Uptime Solutions

PRESIDENT-ELECT

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Ketchum-Walton

TREASURER

Jennifer Eller

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Heapy

SECRETARY

Bryan Kinch

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Heapy

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November 18th - In person Mtg.

Main Presentation:

5 Essential Soft Skills for Engineers

Presenter: Pam Duffy, PE

Owner of Spark One Solutions



Social Hour: 5:30-5:55 pm

Chapter Business: 5:55-6pm

Dinner & Main Presentation: 6p

Presentation will be at: Engineers Club -

110 E Monument Ave

Theme: Student Night &

Membership Promotion

1 PDH Credit

Topic Description: No matter how strong your technical skills are, your non-technical skills can limit your success. Engineering can be a high-stress job and improving your soft skills is essential for staying effective at your job. When you have strong human skills, you're a better employee, teammate, and leader. This presentation will highlight the top five soft skills essential for engineers. In a world full of average, be outstanding.

Please use the Eventbrite link to sign up by Nov 14th. The Eventbrite link for the November meeting is LIVE. Please register, if you plan to attend. <https://www.eventbrite.com/e/dayton-ashrae-chapter-meeting-student-night-tickets-1055624955659?aff=oddtcreator>



DAYTON CHAPTER

List of upcoming Meetings for 2024-2025 Year

Monday, December 9th - Lunch Meeting / Theme: MCA & SMACNA

Monday, January 13th - Lunch Meeting / Theme: TBD

**Monday, February 17th - Lunch Meeting
Theme: Membership Promotion & HARDI**

Monday, March 10th - Lunch Meeting / Theme: Joint Mtg with AIA

Monday, April 16th - Evening Meeting (Technical Tour)

Looking ahead, we're organizing a Technical Tour that will include a look at a microgrid, a hydrogen generator, and advanced cooling technologies for AI data centers. Save the date, and stay tuned for more details.



**MAKE SURE TO LOOK FOR
INFORMATION ABOUT ANY
UPCOMING ACTIVITIES ON OUR
FACEBOOK PAGE OR IN THE
MONTHLY NEWSLETTER TO
CELEBRATE THE DAYTON
CHAPTERS 75TH YEAR!**

**The planning for Dayton ASHRAE's 75th-
anniversary celebrations are well underway.
We'll host an "Empowering Our Workforce"
panel discussion and a Dayton Dragons game
on the party deck. Dates will be
announced soon! Reach out to Kevin Strum
if you would like to help!!**

FROM THE PRESIDENT

Hello Dayton ASHRAE!

I hope everyone is gearing up for the holiday season—it's just around the corner!

First, a big thank you to Zak Schultz for his service as our chapter treasurer. Zak is working on a large project out of state, so we are pleased to announce that Jennifer Eller has stepped in as interim treasurer. Jennifer has been instrumental in driving our membership growth as our Membership Promotion Chair, and we appreciate her continued dedication.

This month, we're excited about the YEA (Young Engineers in ASHRAE) Top Golf event, hosted jointly with the Cincinnati ASHRAE chapter. For details, please reach out to Matthew Worsham or Brian Mackey.

Lastly, we have two open board positions: Refrigeration Chair and Treasurer. If you're interested in contributing, we'd love to have your support. Thank you, and I look forward to seeing you at our upcoming events!

Warm Regards, Kevin Strum , President, Dayton ASHRAE

Upcoming Events

Nov 18th

**ASHRAE Chapter Mtg.
5:30 PM, In-Person Meeting**

Nov 20th

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

Dec 9th

**ASHRAE Chapter Mtg.
11:30 AM, In-Person Meeting**

Dec 18th

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

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

CHAPTER HISTORY (1991-1992)

President:	Phil Van Styn	Heapy Engineering
President Elect:	David Schmenk	Montgomery County
Vice Pres:	Chris Hampel	CAC Distributing
Secretary:	John Masgo	Siebe Barber Colman
Treasurer:	Mark Neihesel	Uptime Solutions
Education:	George Sehi	Sinclair CC
Research Pro.:	Dave Schmenk	Montgomery Co.
Membership:	Mark Neiheisel	Uptime Solutions

Meetings held at the Dayton Engineers Club

CRC held in Frankenmuth

Regional Director: Tom Ferdelman

Committee Chairs

MEMBERSHIP

Jennifer Eller
jmeller@heapy.com
Heapy

HISTORY

Bryan Schenck
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Waibel Energy Systems

COMMUNICATIONS

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Sinclair Community College

CTTC

Sara Sowers
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MSD

GOVERNMENT AFFAIRS

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Emerson

YEA (Chair)

Brian Mackey
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Rieck

Matthew Worsham

Matthew.worsham@daytonohio.gov
City of Dayton—Sustainability

Board of Governors

Rick Pavlak **Lorraine Kapka**
Heapy Sinclair College

Brian Turner
Elitaire

MEMBERSHIP

New Members

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

October

Zelina Ruben



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

You can go to <https://connectacolleague.ashrae.org/> 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!



1 Year: **Dan Fink**

15 Years: **Kyle Schroeder**

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 **Jennifer Eller** at jmeller@heapy.com.

Membership Application Here

****Make sure to update your information on ASHRAE.org website or email me.**

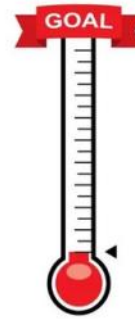
ASHRAE RP

Thank you to those who have made an early donation to the ASHRAE RP 24-25 campaign. We need your support to help us reach our fundraising goal of \$20,000. For those looking to help, please consider donating to ASHRAE RP / Education / Scholarships. See the link BELOW to donate today!

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 .

2024 Goal = \$ 19,680
YTD = \$ 750
To go = \$ 18,930

% to GOAL: 5%



Partner Level

Honor Roll

Bronze Level

Larraine Kapka
Steven Meier
Evan Nutt
Rick Pavlak
Brian Turner

Silver Level

Honorable Mention

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



**CINCINNATI
AND DAYTON
CHAPTER
YOUNG
ENGINEERS
IN ASHRAE**



TOPGOLF

YEA



INVITES YOU TO
COME PLAY AROUND -
AT TOPGOLF!

WHEN: NOVEMBER 7TH,
4:30-6:30PM

WHERE: TOPGOLF
9568 WATER FRONT DR, WEST
CHESTER TOWNSHIP, OH

WHO: YEA, STUDENT, AND
POTENTIAL MEMBERS!

COME NETWORK AND HAVE
SOME FUN!



RSVP BY 10/31 PLEASE! SIGN UP AT
<https://tinyurl.com/YEATOPGOLF> OR
EMAIL MNORBUT@KLHENGRS.COM

THANK YOU, SPONSORS:



ASHRAE News

Up to \$250,000 Awarded in Scholarships!



Up to \$250,000 Awarded in Scholarships! Through its Society [Scholarship Program](#), ASHRAE seeks to motivate students worldwide to pursue an engineering or technology career in the HVAC&R field that will further promote sustainable technology for the built environment. Scholarships range from \$3,000 to \$12,500 and awarded for the 2025-2026 academic year if you apply by **December 1st, 2024**. For information on eligibility and how to apply, please visit the [Scholarship Program Website](#).

Now accepting applications for our Undergraduate Engineering, Engineering Technology, Regional/Chapter, & University-specific Scholarships. **The deadline for applications and supporting materials is December 1st.**

Re-Opened Three Mile Island Will Power AI Data Centers Under New Deal

Microsoft and Constellation Energy have announced a deal that would re-open Pennsylvania's shuttered Three Mile Island nuclear plant. The agreement would let Microsoft purchase the entirety of the plant's roughly 835 megawatts of energy generation—enough to power approximately 800,000 homes—for a span of 20 years starting in 2028, pending regulatory approval. The actual electricity from the Three Mile Island plant, which would be renamed Crane Clean Energy Center, wouldn't be earmarked for any specific use and would go to local interconnections rather than directly to Microsoft facilities. [Read more](#)

ASHRAE Announces Call for Abstracts for 2025 Annual Conference in Phoenix

ASHRAE is accepting abstract submissions for the [2025 Annual Conference](#) to be held in Phoenix, Arizona, June 21-25, 2025, at the Sheraton Phoenix Downtown. Conference papers are requested for the following tracks: "Industrial Ventilation, Refrigeration, Air-Conditioning and Energy Utilization," "Heat Pumps, Refrigerants and Decarbonization," "Onsite Energy Storage," "Workforce Development," "Research Summit," "Fundamentals and Applications" and "HVAC&R Systems and Equipment." Abstracts (400 words or less) are due November 20, 2024. All accepted papers will be considered for publication in *Science and Technology for the Built Environment*, ASHRAE's research journal. [Read more](#)

Texas Outshines California, Takes Top Spot on New Solar Energy Ranking

For the first time, Texas passed California to become the top solar state in the country. The American Clean Power Association, which represents over 800 energy storage, wind, utility-scale solar, transmission and clean hydrogen companies, found that Texas is home to 21,932 MW of capacity. Their quarterly market report found that, by adding 3,293 MW of new solar year-to-date, Texas has the most utility-scale solar capacity installed, comprising 20% of the overall U.S. solar fleet. [Read more](#)

ASHRAE News



I AM ATTENDING THE

 2025 ASHRAE
WINTER CONFERENCE
ORLANDO, FEB 8-12 | AHR EXPO, FEB 10-12

ashrae.org/2025winter

The [2025 ASHRAE Winter Conference](https://ashrae.org/2025winter) takes place Feb. 8-12 in Orlando. This conference offers an unparalleled technical program addressing HVAC&R industry issues with carefully selected panels, debates, workshops, forums, seminars, and paper sessions from over 300 leading experts.

AHR Expo : See what's new from the industry's major manufacturers, innovative start-ups, and everyone in between as 1,600 exhibitors put the latest products and technology on display. Your conference badge provides entry to the AHR Expo.

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Distinguished Lecturer Nominations Now Open!

Please join us for our DL Nomination Information Session on **November 11th, 2024 @ 11:00 am Eastern**. Visit the [DL web page](#) for the meeting link and to watch a video about what DL's love about the program!

Do you want to be the next ASHRAE expert? Become an **ASHRAE Distinguished Lecturer (DL)** and share your knowledge virtually and in-person with ASHRAE Chapters about HVAC&R, the built environment, and legal, contracting, financial, soft skills, and other areas supporting the architectural, engineering, and construction industries.

Whether you are a Young Engineer in ASHRAE, experienced professional, motivational speaker, a professional supporting engineers, or any other professional, the ASHRAE Chapter Technology Transfer Committee (CTTC) is looking for your nomination.

Take the next step and **submit your DL nomination by December 1st** [here](#).

New Record-Breaking Cooling System Could Reduce Environmental Impact

Researchers from Hong Kong University of Science and Technology (HKUST) created a "multi-material cascading elastocaloric cooling device" using three nickel-titanium shape memory alloys across the cold, intermediate and hot ends of the device. The shape memory alloys are completely recyclable and free of greenhouse gases. The device also broke the world record for cooling performance, [according to a HKUST news release](#). [Read more](#)

2024 Annual Membership Survey

It's that time of year! Members will be emailed a link to the 2024 Annual Membership Survey on **Oct. 31**. Please encourage your members to take the survey before **Nov. 30, 2024**. Member feedback is imperative to Society operations and your assistance in encouraging members to participate is appreciated. The survey will not open until **Oct. 31**. See the Slide with [QR Code](#).

ASHRAE News



ASHRAE [®] Dayton Chapter

We Wish you and your family all a wonderful Thanksgiving full of joy and love.

Hot Air Podcast

Post-Anesthesia Care Unit Ventilation Design with Kishor Khankari

Surgical patients release waste anesthetic gases that can cause potential health effects for people who care for patients in the post-anesthesia care unit. Kishor Khankari, Ph.D., Fellow ASHRAE, discusses optimizing its ventilation design to effectively remove these gases and reduce exposure. This technical feature appears in the October 2024 issue of *ASHRAE Journal*.

[Listen](#)

