

THE THERM

MONTHLY NEWSLETTER

NEXT CHAPTER MEETING

APRIL 16, 2025
Lunch Meeting
11:30AM - 1:00PM



PETROLEUM CLUB

777 MAIN STREET
FORT WORTH, TX 76102



Join us for our April Meeting!

THE ASHRAE THERMAL GUIDELINES FOR DATA CENTERS - PAST, PRESENT AND FUTURE

When first established, the ASHRAE Thermal Guidelines for Data Processing Environments represented the first comprehensive set of temperature and humidity conditions, established by the IT manufacturers, that linked the design of IT equipment with the data center. They established guidance to data center operators on how to operate the IT equipment for optimal performance, highest reliability, and the lowest power consumption. In this presentation, we'll chart the history of both the air and liquid thermal guidelines and how they've continually evolved to address the ever changing needs of the data center industry. The presentation will discuss how to apply the guidelines in your data center and clear up some of the common misconceptions about their use. Finally, we'll describe the critical role ASHRAE Research has played in evolving the guidelines towards higher energy efficiency and reliability.



Speaker: Dr. Dustin Demetriou

Dr. Demetriou is a Senior Technical Staff Member at IBM. He's spent the last fifteen years helping to deliver some of the world's most energy efficient mission critical facilities and information technology equipment.

Dustin is a globally recognized expert in the field of thermal management and data center energy efficiency and has taught courses and lectured on these subjects around the world. He received a Ph.D. in Mechanical and Aerospace Engineering from Syracuse University and is an Accredited Sustainability Advisor by the Uptime Institute and an ASHRAE Distinguished Lecturer.

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SAVE THE DATE

2025 ASHRAE Annual Conference

June 21-25, 2025

Phoenix, AZ



PRESIDENT'S MESSAGE

Ryan Edwards, P.E. | ASHRAE Fort Worth Chapter President 2024-2025



Cowtown ASHRAE Members and Friends:

Spring is in full swing here in Fort Worth, and with it comes a renewed sense of energy and purpose for our chapter. April is always a great time to refocus, reconnect, and continue building momentum as we head into the final stretch of our ASHRAE year.

First, I want to thank everyone who attended last month's technical meeting on boiler systems and those who've been actively involved in our committees and outreach efforts. Your time, insight, and passion are what make this chapter thrive. It's been inspiring to see so many of you stepping up to support our mission and each other.

This month, we're looking forward to:

- 1. Spring Golf Tournament:** One of our most anticipated events of the year! Whether you're swinging a club or sponsoring a hole, it's a great way to network, relax, and support the chapter. Proceeds help fund student scholarships and chapter initiatives, so your participation makes a real impact. Mark your calendars for May 16th and join us at Fort Worth's own Rockwood Park Golf Course.
- 2. Technical Program:** April's meeting will focus on ASHRAE's Thermal Guidelines for Data Centers, presented by the Distinguished Lecturer Dustin Demetriou of IBM. Join us to stay on the leading edge of design practices and earn PDHs.
- 3. Chapter Elections:** We'll soon be finalizing the slate for next year's chapter officers and committee chairs. If you're interested in stepping into a leadership role or just want to learn more about how you can get involved, please reach out. This chapter thrives on fresh ideas and new perspectives.

As always, I encourage you to stay engaged - whether that means attending a meeting, mentoring a student, or just reaching out to a fellow member. Every bit of involvement helps us grow stronger as a chapter and as professionals.

Thank you for being part of this community. Let's keep the momentum going strong into May!

THANK YOU SPONSORS!

PLATINUM



GOLD



SILVER



THANK YOU PARTNERS!

ENGINEERING SENIOR ASSOCIATE



We are still looking for Sponsors and Partners for the 2024 - 2025 year! Please reach out to our Research Promotion Chair - Jacob Cantu at jcantu@bartosindustries.com for more information.



MARCH LUNCH MEETING

Thank you to everyone who joined us for our March lunch meeting!

We had a great presentation on Maximizing Boiler System Efficiency in "The Real World." Thank you to our presenter - David Flores with Oslin for filling in last minute.



Presenter: David Flores



ASHRAE'S JOB BOARD

<p>Limited time 20% discount for overseas job postings</p> <p>ASHRAE Jobs</p> <p>Find the ideal candidate or perfect career opportunity!</p> <p>Resume postings FREE for all candidates.</p>	<p>Candidates: Upload your resume for FREE, search & apply to top jobs and create job alerts to receive emails of positions that match your skills. This is your opportunity to make an impact!</p> <p>Employers: Post your job where the industry's most qualified and committed professionals go to advance their careers. Plus, email your job directly to job seekers via our exclusive Job Flash™ email. Jobs posted overseas are eligible for a 20% discount until 30 June 2025 with code ASHRAE_OS20 and can post an unpaid internship with code Unpaid_Internship_OS!</p> <p>Learn more and get started at https://jobs.ashrae.org!</p>
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SUSTAINABILITY EVENT - TRASH BASH

TRWD Trash Bash

Saturday, April 26th, 2025

Time: 8-10am

River Park Location

3024 Acme Brick Plaza Fort Worth, TX 76109

Join us for our spring Chapter sustainability project to serve our community! We will be participating in the Tarrant Regional Water District (TRWD) Trash Bash. Registration is open on our website [Trash Bash Registration](#) and let Caleb Barlow know if you have any questions at caleb.barlow@freese.com.



REGION VIII CHAPTERS REGIONAL CONFERENCE

April 24-26, 2025 | Tulsa, OK

Only a few weeks left to register for the Region VIII Chapter Regional Conference (CRC) hosted by the Northeastern Oklahoma Chapter in Tulsa, OK. Registration will be open until April 15th. They have a full agenda of events planned, this will be a CRC that you don't want to miss!

- Golf Outing at Tulsa Country Club
- Welcome Reception at Welltown Brewery
- Companion Outing: Art Deco Walking Tour & Cocktail / Food Making Class
- Friday Night Dinner & 50's Themed Sock Hop
- Annual Awards Luncheon
- Chapter Leadership Workshops & Training Sessions

Registration and Hotel links below with additional information:

CRC Home Page - <https://www.ashrae-neok.org/region-viii-crc>

Meeting Registration Page - <https://www.zeffy.com/en-US/ticketing/region-viii-crc>

Hotel Reservation Page - <https://www.hyatt.com/en-US/group-booking/TULRT/G-NEOK>



APRIL YEA EVENT

April 30, 2025

Sponsored by McMillan James Equipment Company

JOIN US FOR A 1HR LESSON WITH PGA PRO JORDAN FAIN!

Whether you're new to the game or looking to sharpen your swing, this is a great chance to improve your skills and connect with fellow ASHRAE members.



817-392-6560

Wed April 30th | 5-6 PM | Rockwood Park Golf Course
1851 Jacksboro Hwy, Fort Worth, TX 76714



SPRING GOLF TOURNAMENT



SPRING 2025 ASHRAE FORT WORTH GOLF TOURNAMENT

05/16/2025

7:30 AM Registration
9:00 AM Shotgun Start

FORMAT

4 Person Scramble
\$1,000 per Team
\$250 per Person
[Register Online](#)



CONTESTS

- Longest Drive
- Closest to the Pin
- Raffle

*Breakfast and Lunch Provided

Rockwood Golf Course
1851 Jacksboro Hwy, Fort Worth, TX, 76114



STATE OF THE CHAPTER SPOTLIGHT: UPDATE ON SUSTAINABILITY

SUSTAINABILITY CHAIR - CALEB BARLOW

If you don't plan to attend CRC, please mark your calendars to join us at 8am on Saturday, April 26th for the Tarrant Regional Water District (TRWD) Trash Bash community service event.

About TRWD: Trash Bash is TRWD's commitment to fostering litter prevention within the communities we serve by providing various opportunities to volunteer in organized cleanups of our waterways. For the past 30 years, TRWD has committed to engaging with the communities that surround its waterways to promote community organized cleanups. Over the years, thousands of community members have removed over 500 tons of garbage with one mission in mind, protecting the natural resources that surround them.

Visit the TRWD Trash Bash website to learn more: [Trash Bash – Tarrant Regional Water District](#)

UPDATE ON GOLF / SPECIAL EVENTS

Please welcome our new Golf Co-Chairs:

John Aumen with DFW Consulting

Jacob Roussel with Carrier Enterprise

John and Jacob are finalizing the details for our Spring Golf Tournament at Rockwood and are looking for sponsors and volunteers to help the day of the event on May 16th. Please reach out to John Aumen at jaumen@dfwcgi.com and Jacob Roussel at jacob.roussel@carrierenterprise.com with any questions.



APRIL BOG MEETING MINUTES

BOG Meeting Agenda

CHAPTER SECRETARY - KYLE TROSKOT

Call to Order: 1:00pm

President Elect

Congratulations to our new Treasurer – Michael Cox!

CRC Regional Training April 17-18th – sign up by Friday 4/4

Virtual Training – 1 week before CRC

ASHRAE 2025 CRC Chapter Chair Training Workshops

Open Positions for new year:

CTTC Co-Chair

DEI / WIA

Historian

Upcoming Events:

Past President's Night – late May / Early June

Need to pick date / reach out to Petroleum Club for dinner

Schedule Audit in June with Richard

Treasurer, Incoming Treasurer, President need to attend

Clay Shoot - Do we want to do this in August this year?

Last year – we moved event from May to August 9th

Coordinate date with Alpine

Secretary

No updates

Treasurer

Jacob and Max addressed what needs to happen for RP.

Research Promotion

No updates

Student Activities

No updates

Honors and Awards

Moving forward with Fellow App for Mac Wallace

Government Affairs

Follow up to Day on the Hill. Tracking a few bills through statehouse. Bill likely to extend period from 1 to 2 years.

YEA

Golf lesson April 30th at Rockwood Driving Range

(CONTINUED ON FOLLOWING PAGE)



APRIL BOG MEETING MINUTES

MEETING MINUTES

Refrigeration

No updates

Historian

No updates

Membership Promotion

No updates

CTTC

Teaming up with Dallas for DL this month.

Golf

Working on event layout map. Activities / hole.

DEI

No updates

Sustainability

Trash Bash end of April - 4/26

CRC

No updates

President

No updates

Meeting Adjourned – 1:18pm

CHAPTER OFFICERS

OFFICERS/COMMITTEES	NAME	EMAIL
CHAPTER PRESIDENT	Ryan Edwards	redwards@dfwcgi.com
CHAPTER PRESIDENT ELECT	Whitney Lampe	whitneyl@mjec.com
CHAPTER SECRETARY	Kyle Troskot	k.troskot@mojavehvac.com
CHAPTER TREASURER	Max Meyers	mmeyers@bartosindustries.com
BOARD OF GOVERNORS	Tony Finch	tonyf@texasairsystems.com
BOARD OF GOVERNORS	Ashley Fiddelke	ashley.fiddelke@hts.com
BOARD OF GOVERNORS	Jacob Cantu	jcantu@bartosindustries.com
CHAPTER RESEARCH PROMOTION CHAIR	Jacob Cantu	jcantu@bartosindustries.com
CHAPTER REFRIGERATION CHAIR	Mason Straughan	mason.straughan@jci.com
CHAPTER TECHNOLOGY TRANSFER	Michael Cox	mcox@bhbinc.com
CHAPTER SUSTAINABILITY CHAIR	Caleb Barlow	caleb.barlow@freese.com
CHAPTER GRASSROOTS GOVERNMENT CHAIR	Scott West	scott.west@summitnep.com
CHAPTER SPECIAL EVENTS / GOLF CO-CHAIR	Jacob Roussel	jacob.roussel@carrierenterprise.com
CHAPTER SPECIAL EVENTS / GOLF CO-CHAIR	John Aumen	jaumen@dfwcgi.com
CHAPTER COMMUNICATIONS CHAIR	Jay Greene	jgreene@bhbinc.com
CHAPTER MEMBERSHIP PROMOTION CHAIR	Aaron Volkert	aaron.volkert@carrierenterprise.com
CHAPTER HISTORIAN	Cole Guarisco	cole.guarisco@trane.com
CHAPTER YEA CO-CHAIR	Casey Miller	casey.miller@jacobs.com
CHAPTER YEA CO-CHAIR	Alex Kavanaugh	alex.kavanaugh@freese.com
CHAPTER STUDENT ACTIVITIES CHAIR	Caleb Gentry	cgentry@olsson.com
CHAPTER DEI CHAIR	Ai Sexton	ai.sexton@greese.com
CHAPTER HONORS & AWARDS	Tony Finch	tonyf@texasairsystems.com
CHAPTER WEBMASTER	Jay Greene	jgreene@bhbinc.com
CHAPTER AUDITING COMMITTEE	Richard Watters	rwatters@bhb.com
NOMINATING COMMITTEE 2025	Allen Grammer, Ashley Fiddelke, Scott West, Tony Finch and Whitney Lampe	

Interested in volunteering for the upcoming 2025-2026 ASHRAE year? Please reach out to Whitney Lampe at whitneyl@mjec.com for additional information.

Thank you to the 2025 Nominating Committee members for your time and help with filling our chapter leadership positions for the upcoming ASHRAE year.

Congratulations to our newly elected Treasurer: Michael Cox!



TREASURER SUMMARY

TREASURER'S REPORT

Below you'll find the chapter accounting transactions for the month of March 2025.

CHAPTER TREASURER - MAX MEYERS

Starting Balance (3/1/2025):	\$49,252.07
Debits	
2/4 Starchapter Monthly Fees	(\$19.95)
3/12 Check 1206 ASHRAE Poker Tournament 1st Place	(\$570.00)
3/18 Starchapter Monthly Due	(\$120.00)
3/20 Check 1208 February Lunch	(\$1,820.56)
3/25 Check 1146 CRC Hotel Reimbursement	(\$417.14)
3/25 Check 1145 CRC Registration Reimbursement	(\$475.00)
Subtotal:	<u>(\$3,422.65)</u>
Credits	
3/13 March Meeting Registration Starchapter (4 members, 5 non-members)	\$594.25
3/14 March Meeting Registration Starchapter (5 members, 1 non-member)	\$571.26
3/17 March Meeting Registration Starchapter (1 member, 1 non-member)	\$76.60
3/17 March Meeting Registration Starchapter (3 members, 1 non-member)	\$143.52
3/18 March Meeting Registration Starchapter (1 member)	\$33.46
3/18 March Meeting Registration Square (3 members)	\$101.97
3/19 March Meeting Registration Starchapter (5 members, 4 non-members)	\$339.86
3/26 April Meeting Registration Starchapter (4 members, 5 non-members)	\$351.14
3/27 April Meeting Registration Starchapter (5 members, non-member)	\$210.45
3/28 April Meeting Registration Starchapter (2 members)	\$66.92
3/31 Spring Golf Tournament (1 team registration, 1 hole sponsor)	\$1,208.98
Subtotal:	<u>\$3,698.41</u>
Ending Balance (3/31/2025)	\$49,527.83



ASHRAE FORT WORTH CALENDAR

2025

YEAR AT A GLANCE / SAVE THE DATE!

April 16, 2025	April Lunch Meeting The ASHRAE Thermal Guidelines for Data Centers Speaker: Dustin Demetriou Petroleum Club
April 24-26, 2025	Region VIII CRC Tulsa, OK
April 26, 2025	Spring Sustainability Event TRWD Trash Bash Trinity Rivier from 8-10am
April 30, 2025	ASHRAE YEA Golf Lesson Rockwood Park Golf Course Driving Range 5-6pm
May 16, 2025	Spring Golf Tournament Rockwood Golf Course 9am Shotgun Start
May 21, 2025	May Lunch Meeting Present State and Future of HVAC in Space Speaker: Dr. Najafi Petroleum Club
June 2025	Past President's Night Date: TBD Dinner at Petroleum Club



Please check our website at <https://ashrae-ftw.org/> for additional information on upcoming events.

1 Fort Worth falls within ASHRAE Climate Zone 3A. What challenges does this present for HVAC system design and operation, especially as we transition into spring?

- A) It requires oversized boilers for extreme winters**
- B) It demands aggressive humidification during spring**
- C) It requires balancing dehumidification with cooling as temperatures climb and humidity rises**
- D) It has no real impact—HVAC design is the same everywhere**

2 The historic Texas & Pacific (T&P) Station in Fort Worth, originally built in 1931, is now a mixed-use residential and commercial hub. What HVAC-related challenge is most common when retrofitting iconic buildings like this one?

- A) There's no roof access for modern RTUs**
- B) Historical preservation codes often limit ductwork and equipment upgrades**
- C) The buildings are off the power grid**
- D) You can't run air conditioning in buildings older than 1950**

3 April in Fort Worth kicks off allergy season in a big way. What common environmental factor contributes most to clogged HVAC filters and IAQ complaints during this month?

- A) West Texas dust storms**
- B) Mesquite tree sap**
- C) Cedar and oak pollen**
- D) Increased bird nesting in outdoor air intakes**

4 The Kimbell Art Museum in Fort Worth is internationally recognized for both its architecture and its thoughtful building systems. What unique design feature does its HVAC system incorporate to protect priceless artworks while maintaining comfort?

- A) Rooftop air handling units hidden behind faux marble**
- B) A geothermal system embedded in the reflecting pool**
- C) Precision humidity and temperature control integrated into the building's vaulted concrete structure**
- D) Retractable skylights that close when CO₂ rises**

March Answers: 1 A, 2 C, 3 A, 4 B

MESSAGE FROM THE EDITOR:

Newsletter Editor: Whitney Lampe

Thank you for reading The Therm! Enjoy the ASHRAE Fort Worth April Trivia. Answers will be posted in next month's Therm newsletter.

Questions or Feedback? Need to contact us? Visit www.ashrae-ftw.org

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ADDITIONAL CONTEXT FOR MARCH TRIVIA ANSWERS

Q1: In March, Fort Worth can experience warm afternoons and chilly mornings. What HVAC feature helps maintain comfort without wasting energy during these temperature swings?

Answer: Smart thermostats with adaptive learning

Smart thermostats can “learn” occupant habits and respond to both indoor and outdoor temperature swings in real time. That means no more coming home to a sauna in the afternoon or a freezer in the morning. Perfect for Texas’s “four seasons in a day” weather.

Q2: St. Patrick’s Day in Fort Worth is all about being green! What HVAC system upgrade can help local buildings reduce energy consumption the most?

Answer: Upgrading to a high-SEER heat pump

In a cooling-dominant climate like Fort Worth’s, **high-SEER (Seasonal Energy Efficiency Ratio) heat pumps** offer serious savings. They’re efficient in both heating and cooling modes and are often eligible for rebates or tax incentives—making them as green as shamrocks.

Q3: What energy-efficient HVAC strategy helps Fort Worth’s large sports bars manage indoor comfort during March Madness crowds?

Answer: High-volume, low-speed (HVLS) fans

Those massive ceiling fans aren’t just for looks—**HVLS fans** quietly move large volumes of air at low speeds, reducing the load on HVAC systems and keeping customers cool without freezing the beer taps. A March Madness MVP.

Q4: Spring Break travelers in Fort Worth may notice “green building” signs at hotels and attractions. Which ASHRAE standard helps guide sustainable HVAC design in commercial buildings?

Answer: ASHRAE 189.1

This standard (**ASHRAE 189.1**) goes beyond energy efficiency—it covers everything from site sustainability to water use and indoor environmental quality. Think of it as the LEED-supporting ASHRAE playbook for green buildings.

