

## NEXT CHAPTER MEETING

JANUARY 20, 2021  
LUNCH WEBINAR  
SESSION:  
11:45 AM - 1 PM



VIRTUAL  
WEBINAR

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# THE THERM



**Fort Worth  
Chapter**

## MONTHLY NEWSLETTER

### THIS MONTH THE FORT WORTH CHAPTER WELCOMES:

**Drury B. Crawley, PhD.**

*BENTLEY FELLOW/DIRECTOR, BUILDING PERFORMANCE RE-  
SEARCH*

#### // WEBINAR TOPIC

Big, Smart, and Everything: Data, Technology, Build-  
ings, Cities, and the Internet of Things

#### // SPEAKER BIO

Dru Crawley is Bentley Fellow and Director, Building Performance Research focusing on building performance, BIM, net-zero-energy buildings, sustainability, resilience, and smart cities. Prior to being elevated to Bentley Fellow in 2014, he led development of Bentley's suite of 11 building performance software products for four years. Before joining Bentley in 2010, Dr. Crawley developed and managed EnergyPlus and the USDOE's Commercial Buildings Initiative (now Better Buildings Initiative and Alliances) promoting creation of net-zero-energy buildings. With more than 40 years of experience in buildings energy efficiency, renewable energy, and sustainability, he has worked in engineering software development, government research and standards development organizations, as well as building design and consulting companies.

#### THIS ISSUE

MONTHLY MEETING.....	P1
PRESIDENT'S MESSAGE.....	P2
DECEMBER RECAP & NEWS.....	P3
FROM THE ARCHIVES.....	P4
MONTHLY SPOTLIGHT.....	P5-7
ON THE LIGHTER SIDE.....	P8
MEETING MINUTES.....	P9-10
CHAPTER OFFICERS.....	P11
TREASURER REORT.....	P12
YEAR AT A GLANCE.....	P13-14
FROM THE EDITOR.....	P15

#### // THIS MONTH'S PRESENTER



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#### PLATINUM



#### SILVER



# // PRESIDENT'S MESSAGE

## PRESIDENT'S MESSAGE

// Scott West, PE

Greetings Fort Worth HVAC&R professionals, and happy New Year! I hope everyone got to enjoy the holidays despite the ongoing pandemic.

I've read many leadership summaries calling 2020 "challenging", but I feel this is an understatement. It's been tough. Everyone's world has been turned upside down to some degree as a result of the global coronavirus pandemic. The normal human interactions our society depends on have suddenly become risky or even dangerous. Just like many non-profits and professional societies, ASHRAE provides a sense of community and even identity for those in our industry. The interactions we have with each other are a big part of what has sustained our chapter since its founding.

We have done a lot of adapting this year and it has not been easy. Certainly, we're along for the ride like everyone else, but I've been especially proud about how we've adapted and carried on. Another unique aspect about our society during this pandemic is that ASHRAE is full of expertise on indoor air quality and the mitigation of infectious diseases in the indoor environment. While this is not necessarily the specialty of all ASHRAE members, I applaud the way our society has risen to the occasion and quickly disseminated science-based technical guidance to those operating buildings/facilities. Many chapter members in the Tarrant county area have also become quick "experts" in an effort to better serve our community and I applaud you for your efforts.

No doubt, 2021 still poses many challenges as we start the new year, but I'm optimistic that things will continue to improve and that ASHRAE society and chapter operations will gradually return to something resembling normal.

Just a quick reminder that we're in the process of picking chapter chairs and officers for the next chapter year (starting on July 1<sup>st</sup>). Please reach out to our chapter President-Elect, Jeremy Snyder, if you have an interest in serving.

I wish all of our chapter members a happy and productive 2021 and please let us know if there's anything you want or need from ASHRAE. Thanks!

Sincerely,  
Scott West  
Chapter President



## THANK YOU TO OUR PARTNERS!



PRINCIPAL LEVEL



SENIOR ASSOCIATE LEVEL



ASSOCIATE LEVEL

Gerald Maloney/  
Maloney Associates

Paul Baker

## DECEMBER MEETING RECAP

Last month we joined the Dallas chapter in a presentation by Mr. Kent Beason and Mr. Mike Brown regarding “Design for Performance—Fostering Collaboration through Energy Modeling”. Some of us participated in an ugly Christmas Sweater contest as we learned the best techniques and procedures to approach energy modeling within the design process, and how to best communicate it to the different disciplines to ensure accuracy of the model, as well as maximize building performance. The meeting was recorded, so if you're interested in viewing the past meeting, please reach out to Scott West or Corey Hines to gain access to the meeting.

If you attend the virtual meeting in September, please take a 'selfie' and send it to [jsnyder@bhbinc.com](mailto:jsnyder@bhbinc.com)

## ASHRAE SOCIETY NEWS

### // 2020-21 ASHRAE Winter Conference

The annual ASHRAE Winter Conference is taking place this year, but not as usual! This year's conference will be a virtual conference, allowing access to many more people that would not be able to travel. The full technical program will feature more than 120 sessions, including 8 tracks comprised of 40 live sessions and 80+ on-demand sessions.

To learn more about the conference and the programs to be presented, or if you desire to register for the conference, please use this link: [ashrae.org/2021Winter](https://ashrae.org/2021Winter)



**ASHRAE VIRTUAL  
WINTER CONFERENCE**

▶▶▶ February 9-11, 2021

### // Reducing Airborne Infectious Aerosol Exposure and Communities of Faith Building Guidance

The ASHRAE Epidemic Task Force has released new guidance to address control of airborne infectious aerosol exposure and recommendations for communities of faith buildings. The guidance gives recommendations on Public Health Guidance, Ventilation and Filtration, Air Distribution, HVAC System Operation, and System Commissioning. Please use the following link to gain access to the guidance presentation: [Communities of Faith Buildings](#)



## CATCHING UP WITH PAST PRESIDENT PATTY PARISH ('16-'17)

Patty Parish has been in Fort Worth her entire life, and she joined ASHRAE in 2007. She has served in multiple ASHRAE chair positions including Fort Worth Chapter President and was recently awarded the Fort Worth Chapter Service Award. Patty started her career at Pier 1 Imports managing the mail order warehouse. She then entered the HVAC industry as a secretary at Harold James and was quickly recruited by Trane to start their parts division in Fort Worth. After 7 years she was moved to outside sales with Trane. She continued gaining HVAC experience at Johnson Controls, Siebe Gorman & Company Ltd (Now Invensys), and Belimo where she is currently in sales. Although she had plans to retire in 2020, she decided to stay through the pandemic. "I can't leave on this. I have to be able to see everybody and say my goodbyes."



Another reason she's able to keep working, Patty says, is because this is her favorite position she's ever had. "I love getting out and visiting with people." She is also relieved to be done with management after years of difficult leadership. "Everywhere I worked I ended up manager. I actually would go out on a jobsite... when they would see a woman show up that was a boss, they wouldn't quite take it seriously enough, so I had to fire a few of them. That got the attention of the rest of the group. I hated going through all of that." Patty has seen a lot of improvement since that time. In her current role, she describes, "When you have ideas for a product or ideas to better do things within the company, they actually listen."

Patty won't take any credit, but she acknowledges how drastically the HVAC industry's treatment of women has changed since she started. "When I was just getting in the industry there were only like 6 women in DFW TOTAL that were in the industry at that time. I happened to be one of the 6... Over the years, I can't tell you the number of jokes made. They just did not respect women in the field at all. I saw the very ugly side of it, but I'm so grateful to see how it has opened up now. I know a ton of women in the industry now and I love that. It has come a long way."

Although Patty's experience in the industry has presented challenges throughout the years, the Fort Worth ASHRAE chapter has always been a bright spot for her. After her service at the chapter level, she served at the regional level on the Golden Gavel committee. Perhaps her most memorable moment was her very first position serving the chapter when she was Chair of the CRC. "During the [CRC] event... we had planned a dinner at the Riatta and a tornado came through... I will always be remembered for the tornado."

Jenna Henthorne  
ASHRAE Historian

If there is an influential member of the chapter that you would like to hear from, please reach out to Jenna Henthorne ([Jenna.Henthorne@Jacobs.com](mailto:Jenna.Henthorne@Jacobs.com))

## STATE OF THE CHAPTER SPOTLIGHT: OFFICER AND CHAIR REPORTS

### // THE 2020 - 2021 ASHRAE CHAPTER YEAR

A global pandemic has understandably slowed down the world, but it hasn't slowed down your chapter chairs and officers. They have continued to work to ensure all members are better equipped for the industry. Here is a summary of what many of the chairs have been working on in the last month.

### // MEMBERSHIP PROMOTION - Joseph Florer

At the end of 2020, we have our total chapter membership at 284 people. 2 members rejoined or were reinstated at the end of the year, and we have one new member join our chapter this last month: Erin Hollingsworth with Freese and Nichols. Erin is transferring from the Austin chapter, so please helping me to give her a 'Fort Worth' welcome to her!



If you're not currently a member and are interested in the becoming one, or interested in the benefits of membership, please reach out!

### // STUDENT ACTIVITIES (K-12 AND HIGHER ED) - Kirk Plum

Not much new to report as the local schools have been on winter break. We are hopeful to get some events set up in 2021. If you have any ideas for Covid-19 friendly meetings/events, please let us know!

We are also continuing to try and set up visits/events with K-12 schools. If anyone knows teachers/staff that may be interested in such an event, please let us know!





## STATE OF THE CHAPTER SPOTLIGHT: OFFICER AND CHAIR REPORTS (CONT.)

### // RESEARCH PROMOTION - Allen Grammer

Hello again all! Welcome to 2021! While the bar is admittedly low, I hope each of you find this year better than the last. I would like to take a quick minute to encourage you to make a donation to ASHRAE research. Donating online is safe, easy, and quick, and helps support and grow the science behind our industry, and its next generation of students and leaders. If you are interested, please go to [ASHRAE.org/donate](https://ASHRAE.org/donate) for more information. That link will direct you to ASHRAE's donation portal ([xp20.ASHRAE.org/secure...](https://xp20.ASHRAE.org/secure...))



We've had many people donate so far this year, and we thank you for your support. I would also like to thank our Fort Worth Chapter Sponsors and Partners who have chosen to support ASHRAE research:

- Platinum Level Sponsor – Texas Air Systems
- Silver level Sponsor – Control Tech Supply / Distech Controls
- Silver Level Sponsor – Bartos Industries
- Silver Level Sponsor – McMillian James Equipment Company
- Silver Level Sponsor – Carrier Enterprise
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- Senior Associate Partner – Ian Bost / Baird, Hampton & Brown
- Associate Partner – Gerald Maloney / Maloney Associates
- Associate Partner + – Paul Baker

We cannot thank our Sponsors and Partners enough for their generosity!

Thank you again!

Allen Grammer,

Fort Worth Chapter RP Chair

## STATE OF THE CHAPTER SPOTLIGHT: OFFICER AND CHAIR REPORTS (CONT.)

// YOUNG ENGINEERS OF ASHRAE (YEA) - Dan Nguyen and Cole Guarisco

With the ongoing pandemic and local numbers rising of people with COVID-19, we will be forego meeting in person this month. We are looking into a virtual trivia night however, so please stay tuned for information!

// GRASSROOTS GOVERNMENT - Van Cashen

We've been researching Day on the Hill, however due to the on-going pandemic, it does not seem as if the event will be held in-person. We are putting together an ASHRAE presentation that can be sent to government officials, and will likely be delivered at Day on the Hill. The plan is to send the presentation, and then follow up with a call to elected officials.



// REFRIGERATION - Open Position

Our refrigeration chair recently left Fort Worth for a new opportunity, so we are looking for a person to take over as the Refrigeration chair. If you are interested, please contact Scott West at [scott.west@hfa-ae.com](mailto:scott.west@hfa-ae.com).

## TAKE-OUT BINGO

A new year, a new bingo card! We are starting a new bingo competition that will last thru April. The concept is to support some local restaurants during this pandemic by ordering take out. All you need to do is get take-out, or eat at the restaurant (safely), take a selfie getting take-out or at the restaurant, and send it to the newsletter editor. A bingo is 4 in-a-row of the restaurants below.

Here are the rules:

1. In order to play, you have to be a member of the Fort Worth Chapter of ASHRAE.
2. To show you ate at the restaurant or received take out, please send a selfie to [jsnyder@bhbinc.com](mailto:jsnyder@bhbinc.com) with you at the restaurant, or showing the meal with the restaurant logo—some proof that you were at the restaurant getting food. We might even publish your picture in the Therm!
3. Typical Bingo Rules—a bingo is 4 in a row. So a full column, full row, or one of the two diagonals will be considered a bingo.
4. Competition lasts until the last day in April. The winner will be announced at the May meeting.

The Bingo card is shown below. If you're unfamiliar with the restaurant and want to know more about its menu or physical location, click the text of the restaurant, and you'll be taken to a Yelp link showing the details.

 <b><u>RULE THE</u></b> <b><u>ROOST</u></b>	 <b><u>CANE</u></b> <b><u>ROSSO</u></b>	 <b><u>MELT ICE</u></b> <b><u>CREAMS</u></b>	 <b><u>OL' SOUTH</u></b> <b><u>P-CAKE HOUSE</u></b>
 <b><u>ESPERANZA'S</u></b>	 <b><u>RAILHEAD</u></b> <b><u>SMOKEHOUSE</u></b>	 <b><u>LAZY DAISY</u></b> <b><u>COFFEE BAR</u></b>	 <b><u>HANABI RAMEN</u></b>
 <b><u>STEEL CITY</u></b> <b><u>POPS</u></b>	 <b><u>BABE'S</u></b> <b><u>CHICKEN</u></b>	 <b><u>SPICE</u></b>	 <b><u>WOODSHED</u></b> <b><u>SMOKEHOUSE</u></b>
 <b><u>RIGHTEOUS</u></b> <b><u>FOODS</u></b>	 <b><u>RODEO GOAT</u></b>	 <b><u>MI COCINA</u></b>	 <b><u>CURLY'S FROZEN</u></b> <b><u>CUSTARD</u></b>



## MONTHLY BOG MEETING MINUTES

# // MEETING MINUTES

### Attendees:

Scott West  
Allen Grammer  
Cole Guarisco  
Kirk Plum  
Ashley Fiddelke  
Joe Florer  
Van Cashen  
Dan Nguyen  
Corey Hines  
Jenna Henthorne



CHAPTER SECRETARY

//ASHLEY FIDDELKE

Call to order 10:35 AM

### Announcement:

We need to pick nominating committee for next year's chapter officer and chair nominations

### Officer and chair reports

Ashley

Reminder to vote/approve meeting minutes on slack vote

Scott/Allen

Rolling dice for winner of Take-out bingo

We have been doing a great job at RP

Jacob

Not able to attend, but has made changes to add leaders to Go-to Account

Getting RP donations to ASHRAE

Did we get taxes done?

Ashley will follow up with Jacob

Allen

Awards; will read everyone's name, and awards have been mailed in advance

Van Cashen

No New Report

Corey

All set for January with speaker

Still need to setup refrigeration tour for the spring

For February Meeting

Tentatively thinking about having presenters present in person to 10-15 individuals spaced out and live stream to others as a trial run; will discuss closer to the time.

Dan/Cole

Last month YEA had a student member show up to HH and had a good turn out of 11 people

Looking to have YEA event next wed at Rahr and Sons with Uponor as a sponsor

(CONTINUED ON FOLLOWING PAGE)

## MONTHLY BOG MEETING MINUTES (CONT.)

### // MEETING MINUTES

Whitney

No new report, keep sending Social media content to post

Joe

Almost to 300 member mark; had 2 new members this month

Remind Student members about the ramp up program for membership for discounted membership options

Kirk

No new report, has reached out to schools, and waiting for them to open a little more to public to be able to do more outreach

AHRI Expo, is not happening but they will have a virtual technical session

See if there are any student members that may want to attend, and we can look at sponsoring a couple members

Related to Student chapters:

Note that not many students know about the HVAC industry so remember to:

Promote HVAC

Be broad in terms when talking with students as they may not know terms, we typically use

Jenna

Been doing interviews; and looking to go to the library to check out resources as-well

Kudos to Jenna, some really good content this year

Topics for discussion:

Reporting to regional officers

Upcoming monthly meetings

Update chapter nominating committee

Old Business/New Business

Adjourn

11:16

# // CHAPTER OFFICERS

OFFICERS/COMMITTEES	NAME	EMAIL
CHAPTER PRESIDENT	Scott West	<a href="mailto:scott.west@hfa-ae.com">scott.west@hfa-ae.com</a>
CHAPTER PRESIDENT ELECT	Jeremy Snyder	<a href="mailto:jsnyder@bhbin.com">jsnyder@bhbin.com</a>
CHAPTER SECRETARY	Ashley Fiddelke	<a href="mailto:ashley.fiddelke@hts.com">ashley.fiddelke@hts.com</a>
CHAPTER TREASURER	Jacob Cantu	<a href="mailto:jcantu@bartosindustries.com">jcantu@bartosindustries.com</a>
BOARD OF GOVERNORS	Tony Finch	<a href="mailto:tonyf@texasairsystems.com">tonyf@texasairsystems.com</a>
BOARD OF GOVERNORS	Van Cashen	<a href="mailto:vmc@freese.com">vmc@freese.com</a>
BOARD OF GOVERNORS	Allen Grammer	<a href="mailto:agrammer@bhbin.com">agrammer@bhbin.com</a>
CHAPTER RESEARCH PROMOTION CHAIR	Allen Grammer	<a href="mailto:agrammer@bhbin.com">agrammer@bhbin.com</a>
CHAPTER REFRIGERATION CHAIR	Vacant	
CHAPTER TECHNOLOGY TRANSFER	Corey Hines	<a href="mailto:corey.hines@daikincomfort.com">corey.hines@daikincomfort.com</a>
CHAPTER SUSTAINABILITY CHAIR	Samantha Smallwood	<a href="mailto:samantha.smallwood@freese.com">samantha.smallwood@freese.com</a>
CHAPTER GRASSROOTS GOVERNMENT CHAIR	Van Cashen	<a href="mailto:vmc@freese.com">vmc@freese.com</a>
CHAPTER SPECIAL EVENTS CHAIR	Sean Rath	<a href="mailto:srath@bhbin.com">srath@bhbin.com</a>
CHAPTER SPECIAL EVENTS COMMITTEE (GOLF)	Cole Maryak	<a href="mailto:cole.maryak@texasairsystems.com">cole.maryak@texasairsystems.com</a>
CHAPTER COMMUNICATIONS CHAIR	Whitney Lampe	<a href="mailto:whitney.lampe@jci.com">whitney.lampe@jci.com</a>
CHAPTER MEMBERSHIP PROMOTION CHAIR	Joseph Florer	<a href="mailto:joef@priceindustries.com">joef@priceindustries.com</a>
CHAPTER HISTORIAN	Jenna Henthorne	<a href="mailto:jenna.henthorne@jacobs.com">jenna.henthorne@jacobs.com</a>
CHAPTER YEA CO-CHAIR	Dan Nguyen	<a href="mailto:d.nguyen@jms-ibs.com">d.nguyen@jms-ibs.com</a>
CHAPTER YEA CO-CHAIR	Cole Guarisco	<a href="mailto:cole.guarisco@trane.com">cole.guarisco@trane.com</a>
CHAPTER STUDENT ACTIVITIES CHAIR	Kirk Plum	<a href="mailto:kplum@bhbin.com">kplum@bhbin.com</a>
K-12 STEM CHAIR	Kirk Plum	<a href="mailto:kplum@bhbin.com">kplum@bhbin.com</a>
CHAPTER HONORS & AWARDS	Tony Finch	<a href="mailto:tonyf@texasairsystems.com">tonyf@texasairsystems.com</a>
CHAPTER WEBMASTER	Whitney Lampe	<a href="mailto:whitney.lampe@jci.com">whitney.lampe@jci.com</a>
CHAPTER AUDITING COMMITTEE	Richard Watters	<a href="mailto:rwatters@bhbin.com">rwatters@bhbin.com</a>



## TREASURER'S REPORT

## // TREASURER SUMMARY

Below you'll find the chapter accounting transactions for the month of December 2020.



**Starting Balance (12/1/20):** **\$59,373.87**

**Debits**

12/01 Check processing fee	\$35.00
12/08 LOGMEIN Go to meeting	\$19.00
12/15 ASHRAE Debit Card Donation	\$1,041.00
12/15 William Bahnfleth - Presentation	\$500.00
12/18 Star Chapter Website Fee	\$100.00
<b>Subtotal:</b>	<b>\$1,695.00</b>

**Credits**

**\$0.00**

**New Balance as 12/31/20** **\$57,678.87**



# MONTHLY MEETING CALENDAR 2020/2021

## FALL

August 19, 2020	What is New in the Ammonia Refrigeration Industry? Presenter—Marcos R. Braz, P.E.
September 16, 2020	Best in Class HVAC Control Sequences Presenter—Steven T. Taylor, P.E.
October 21, 2020	Fire Protection Systems Design: Design Related to Building Pressurization, Dampers, & Plenums Presenter—Ernie Yonkers
November 18, 2020	Morning Tech Session: Indoor Air Quality System De- sign Best Practices Meeting: Indoor Air Quality Design ASHRAE Distinguished Lecturer—Dr. William Bahnfleth
December 9, 2020	Building Energy Modeling Joint meeting with ASHRAE Dallas Chapter Panel Discussion

## SPRING

January 20, 2021	Big, Smart, and Everything: Data, Technology, Build- ings, Cities, and the IOT Presenter - Dr. Drury Crawley
February 17, 2021	Morning Tech Session: Fundamentals of Air Distribu- tion: Duct Design, Space Air Distribution Meeting: Method of Effective Room Air Distribution ASHRAE Distinguished Lecturer - Daniel Int-Hout, III
March 17, 2021	Morning Tech Session: Building EQ—The Basics Meeting: Building Energy Quotient Presenter—Hoy Bohanon
April 21, 2021	Designing Shell and Core Building Projects with VRF Presenter—Chris Bellshaw
May 19, 2021	Application of Next Generation BIM Presenter—Ian Malloy and Scott West



**FALL**

October 19, 2020 ~~Fall Golf Tournament at Texas Star Golf~~

**SPRING**

March 2020 Spring Golf Tournament

April, 2021 Poker Tournament

April 21, 2021 Refrigeration Tour at Rahr & Sons Brewery

May, 2021 Shotgun Clay Shoot

June, 2021 Past President's Night

Stay tuned for updates on all events. Like the rest of the country, the chapter leadership is following local, state, and federal guidelines as they evolve, and will continue to update and modify plans as necessary. Please follow our social media accounts or check into our website as more details become available. Thank you for your patience!

## THANK YOU FOR READING!

### THERM SUBSCRIPTION MANAGEMENT:

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To change your e-mail address for all THERMS, [click here](#). This will only change the e-mail address to which your *THERM* is sent.

Should you encounter problems reading a *THERM*, you may access any issue archived on the ASHRAE Web site at [this link](#).

Fort Worth ASHRAE  
P.O. Box 344  
Fort Worth, TX 76101

### MESSAGE FROM THE EDITOR:

There is no shortage in news and content in 2021. It's a miracle you've made it this far into the newsletter with everything else out there, so my sincerest thanks for reading. If the news of today is depressing, and you want even more out of this newsletter, please let me know what we need to be including, or if you have any content you wish to share.

Let's get this bread,  
Jeremy Snyder, P.E., President-Elect  
ASHRAE Fort Worth  
[jsnyder@bhbinc.com](mailto:jsnyder@bhbinc.com)



Snow.

In Fort Worth.

Who would've thought? It happens so infrequently that the only response is to pull out whatever winter weather gear you have and build a snowman or have a snowball fight. Chapter President Scott West's two daughters, Stella (8) and Cora (5), are shown in the picture above engaged in a friendly snowball fight. By all accounts the fight ended with no tears nor hard feelings. Hoping you had fun in the snow too! If you have a random picture to share with the chapter, please send it to your favorite newsletter editor.

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