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ASHRAE Houston Chapter's

THE HOT AIR RECORDER

80th Volume No. 3

October

Sun	Mo	Tue	We	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

12 — **OCTOBER CHAPTER MEETING**

Join ASHRAE Houston from 11-1PM as we welcome Josh Barnhart, to speak on commissioning missteps and best practices! **Halloween Themed at Dukessa Event Center!**

Location: 2840 Chimney Rock Road, Houston, TX 77056

26 — **YEA HAPPY HOUR** - Oct. 26th - Sponsor Needed

Location: Kirby Ice House (1015 Gessner Rd, Houston, TX 77055)
Co – Hosted with ABC Young Professionals

NOV. 16 — **ASHRAE FALL GOLF TOURNAMENT**

Sign up soon for the ASHRAE Fall Golf Tournament hosted at THE GOLF TRAILS OF THE WOODLANDS on November 16th. Registration starts at 11AM

2023-2024 HOUSTON ASHRAE



President: Catherine Tinkler



President-Elect: Julie Thomet



Vice President: Nick Janssen



Treasurer: Heather Camden



Secretary: Tim Navarro



Past President: Garrett Neubauer

ASHRAE®

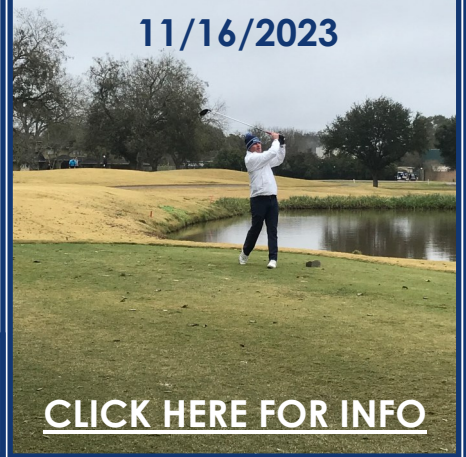
SEASON PASS

8 Regular Chapter Meetings

SAVE $65 TODAY!

Click here to get your 2023-2024 Season Pass!

FALL GOLF TOURNAMENT 11/16/2023



CLICK HERE FOR INFO

ANNUAL SPONSORSHIP OPPORTUNITIES



CLICK HERE FOR INFO

2023-2024 Tabletop Sponsorship

$600



Sponsor the monthly Chapter Luncheon! Click **HERE** for more info

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ASHRAE Houston Chapter Presents:

ANNUAL Fall GOLF TOURNAMENT







11/16/2023

The Golf Trails of The Woodlands

2311 N Millbend Dr

The Woodlands, TX 77380

TEAM OF 4- $1000

REGISTRATION 11:00 AM
LUNCH 11:30 AM
SHOTGUN START 12:30 PM

Includes alcoholic and non-alcoholic beverages, lunch, and dinner. $5 raffle tickets available for raffle prizes. Awards for 1st, 2nd, and 3rd place will be presented. Golf carts included with registration. For questions, email Nick Janssen at research-promotion@ashraehouston.org.

SPONSORSHIP OPPORTUNITIES

Tailgate Sponsor	$2,600.00
Dinner Sponsor	$2,100.00
Beverage Sponsor	$1,850.00
Golf Ball Logo Sponsor	$1,600.00
Lunch Sponsor	$1,350.00
Snack Sponsor	$1,000.00
Gift Bag Sponsor	$750.00
Raffle Sponsor	$750.00
Koozie Sponsor	$750.00
Cigar Sponsor	$750.00
Tiger Hole Sponsor	$500.00
Closest to the Pin Sponsor	$500.00
Longest Drive Sponsor	$500.00
Putting Contest Sponsor	$500.00
Tee Box Sponsor	$250.00

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PRESIDENT'S MESSAGE

No Tricks and All TREATS in October for the Houston Chapter!

Start off this month with Commissioning Horror Stories and How to Avoid Them at our monthly meeting on October 12th. As a Cx agent and person who has performed assessments in millions of square feet, I cannot wait to hear this topic. I've even heard a "Frankenstein" story of a member seeing a chiller operating with components from three different manufacturers. What kind of horrors have you seen?

A couple of past/future items to note…

Do not miss the Treats that we are offering those who become an Annual Sponsor! Pledge your support before October 15th by visiting our website **here** or by talking with Nick Janssen, VP & RP Chair.

Treats also could extend to our student members if they hop on the ASHRAE website **here** and apply for a scholarship. Applications are open now and are due December 1st.

The Houston Chapter supports these scholarships and industry research through our Research Promotion events like our 9th Annual Fall Sporting Clay Tournament held in September. Thank you to all the participants and volunteers for making that such a great event!



Catherine Tinkler
Houston ASHRAE President
2023-2024

REMINDER TO…

1) Join ASHRAE Houston on the **2nd Thursday of each month for our monthly meeting.** Sign up here.

2) Introduce others to #myASHRAE by connecting to the Houston Chapter on LinkedIn and other socials.

P.S. – Our Houston Chapter volunteers continue to amaze me. Thank you for your time! We always have space to add you to our team, please contact me at ctinkler@pagethink.com, and we will get you plugged in.

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THIS MONTH'S MEETING

GET TO KNOW THE SPEAKER: JOSHUA BARNHART, EAB



COMMISSIONING MANAGER AT EAB

Joshua Barnhart leads the Houston Commissioning Group and has over 23 years of experience in energy management, controls and building commissioning. He is a Certified Cx Authority (CxA) through the AABC Commissioning Group, a Certified Energy Manager (CEM) through the Association of Energy Engineers, and a certified Energy Management Professional (EMP) through the Energy Management Association.

Joshua has extensive experience in commercial, K-12, healthcare, vivarium and BSL laboratory facilities. He helped to build the testing lab at EAB and supported the formation of our dedicated Commissioning Group. He has actively managed and participated in commissioning activities since 2011 reviewing projects during design for commissioning, leading commissioning project teams, developing commissioning documents and performing testing on numerous mechanical, electrical, plumbing, and life safety systems and system integrations.

TOPIC COMMISSIONING HORROR STORIES AND HOW TO AVOID THEM

FAILED TAB, TEMPERATURE SPIKES, WARRANTY ISSUES, OH MY! Join AASHRAE Houston at Dukessa on October 12th starting at 11AM as we welcome Josh Barnhart, Houston Commissioning Manager for EAB, to our October Halloween themed meeting to present on commissioning missteps and best practices. Follow the sign up links below to register for the meeting! Last minute wallk-ins aren't guaranteed a spot due to limited seating.

SEASON PASSES TO ALL CHAPTER MEETINGS!!!

This year we are also offering a Season Pass ticket to 8 ASHRAE Houston Chapter meetings for chapter members. **Save $65 on chapter meetings today!** You will still need to register for each meeting and pay $0!

If you're interested in this reduced rate, one time purchase please buy a SEASON PASS HERE prior to registering for this meeting.

MEMBER
$32.00 Earlybird rate before October 5th
$35.00 Member Luncheon Ticket
$40.00 After 12:00 pm on October 11th

NON-MEMBER
$42.00 Earlybird rate before October 5th
$45.00 Non-Members Luncheon Ticket
$50.00 After 12:00 pm on October 11th

CLICK HERE TO REGISTER

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LAST MONTH'S MEETING

GET TO KNOW THE SPEAKER:

DANNY RICE, PRESIDENT



President | Houston

danny.rice@colliers.com
Main: +1 713 830 2111
Direct: +1 713 830 2134
Mobile: +1 407 562 8094

colliers.com

1233 West Loop South
Suite 900
Houston, TX 77027

Danny Rice

Education & Qualifications

Degree in Management/ Entrepreneurship, University of Central Florida (UCF)

Real Estate Sales Associate License, Florida

Real Estate Broker License, Florida

Affiliations & Memberships

NAIOP

ICSC

Area of Expertise

Danny joined Colliers Houston in July 2023 as President of the firm's brokerage operations which includes over 120 brokers, marketing and administrative staff. With over 17 years of experience in the commercial real estate industry, Danny has been involved in many facets of the business including brokerage, marketing, research, technology, management and operations. As Colliers and the Houston market continues to expand, Danny's focus is to develop, recruit and assist the top brokers in the market and provide their clients with a high-level of service.

Prior to relocating to Houston in 2023, Danny was the Executive Managing Director & Market Leader for over five years for the Central & West Florida markets at Colliers, which encompass the metropolitan areas of Orlando, Tampa, Clearwater, Sarasota, Ft Myers and Naples. While in Florida, Danny managed a team of over 145 professionals that focused on the leasing and sales of all property types, including Office, Medical, Industrial, Retail, Multifamily, Land, and Debt/ Equity Mortgage Banking as well as niche services including Student Housing, Seniors Housing, Marinas, Golf Courses, and Hotels/Hospitality.

Professional Accomplishments

- Orlando Business Journal's 40 under 40 (2022)
- Top Workplaces in Orlando, Orlando Sentinel (2020, 2021, 2022 & 2023)

Business and educational background

From 2014 to 2018, Danny worked at Xceligent, one of the leading providers of commercial real estate information and research. Throughout Danny's tenure at Xceligent, he grew from a local Sales Rep in Florida to quickly becoming Regional Vice President of Sales for the Florida markets and then Executive Vice President of National Accounts before becoming Chief Revenue Officer. Danny oversaw a team of nine regional VP's, 60+ outside sales reps, 20+ inside sales reps and 20+ customer success and marketing professionals. He was also heavily involved in product and development efforts within the organization.

Danny's career started at Colliers within the Orlando office where he began as an intern for the research department before becoming the GIS/Research & Technology Administrator as well as various other roles before becoming an Office broker specializing in landlord and tenant representation throughout the greater Orlando market.

Community Involvement

Danny has been involved in numerous community organizations, including Livestrong, Stand Up To Cancer and Feeding America, raising a few thousand dollars towards those charities and is also actively involved in the local youth sports leagues as an assistant coach.

TOPIC

HOUSTON ECONOMIC OUTLOOK

State of the Houston Commercial Real Estate market, from occupier and tenant activity to investment and construction trends. Danny Rice, President with Colliers Houston is going to highlight all the major asset types including Office, Industrial, Retail and Multi-family along with various economic indicators impacting the local Houston market.

THANK YOU TO ALL THOSE THAT ATTENDED!!

SEASON PASSES TO ALL CHAPTER MEETINGS!!!

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RESEARCH PROMOTION

HOUSTON ASHRAE 2023-2024 RESEARCH PROMOTION FUNDRAISING EVENTS:

SPORTING CLAY TOURNAMENT	FALL GOLF TOURNAMENT	SPRING GOLF TOURNAMENT	POKER TOURNAMENT
9.05.2023	11.16.2023	03.27.2024	Date TBD
Greater Houston Sports Club			

2023-2024 ASHRAE ANNUAL SPONSORSHIP OPPORTUNITIES:

PLATINUM

$10,000

- Signage at each event as a Platinum Sponsor and ASHRAE Partner
- Recognition on the ASHRAE Houston website as a platinum sponsor with a link to your website
- (1) LinkedIn campaign for a product of your choosing
- ASHRAE Partner recognition at the annual conference
- One team (of 4) at both Golf Tournaments+ first buy ins for six (6) participants at the Poker Tournament
- Admission for four (4) to the Past President night
- Tailgate sponsor at the Golf Tournaments

CONTRIBUTE HERE

GOLD

$7,500

- Signage at each event as a Gold Sponsor
- Recognition on ASHRAE Houston website as a Gold Sponsor
- (1) LinkedIn campaign for a product of your choosing
- One team (of 4) at the Golf Tournament of your choice + first buy ins for four (4) participants at the Poker Tournament
- Hole sponsor signage at both Golf Tournaments
- Admission for two (2) to the Past President night

CONTRIBUTE HERE

SILVER

$5,000

- Signage at each event as a Silver Sponsor
- Recognition on the ASHRAE Houston website as a silver sponsor
- Two(2) participants at (1) Golf Tournament
- Hole sponsor signage at the both Golf Tournaments
- Table top display at (1) Golf Tournament
- First buy in for two (2) participants at the Poker Tournament
- Admission for two (2) to the Past President night

CONTRIBUTE HERE

BRONZE

$2,000

- Signage at each event as a Bronze Sponsor
- Recognition on the ASHRAE Houston website as a bronze sponsor
- Hole sponsor signage at the golf tournament of your choice
- Admission for one (1) to the Past President night

CONTRIBUTE HERE

CONSULTING ENGINEER

$1,000

- Available only to consulting engineering firms
- Signage at each event as a Consulting Engineer Sponsor
- 1) LinkedIn campaign for a product of your choosing
- Recognition on the ASHRAE Houston website as a consulting engineer sponsor
- Inclusion for free in the ASHRAE Houston directory
- Free job opening postings on the ASHRAE Houston website and HAR
- Hole sponsor signage at the golf tournament of your choice

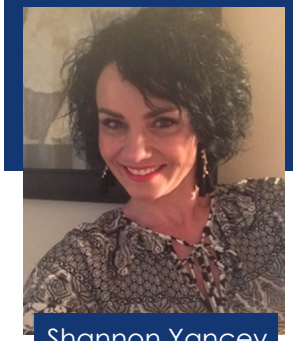
CONTRIBUTE HERE

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MEMBERSHIP

2023-2024 MEMBERSHIP PROMOTION COMMITTEE



Shannon Yancey

ASHRAE Membership Facts

Founded in….1894

Based in…Atlanta, GA

Approximately how many members…57,000

Regions

There are 15 ASHRAE Regions throughout the world.

Regions are comprised of 7 –26 Chapters each

US / Canada / Central & South America: Regions 1-12

Local Chapters

There are 187 ASHRAE Chapters throughout the world!

Board of Governors: Elected by chapter members

- President
- Vice President
- Treasurer
- President-Elect
- Secretary

Houston Chapter is in Region 8

Asia/Australia: Region 13

Europe: Region 14 – Newest!

Region-at-Large

Please welcome our newest member: Carlos Garcia, Dr Rawand Rasheed PhD, Joseph Johnston, David Edward, Todd Field, Edwin Reek

Join or renew (simple 4 step process) through **https://www.ashrae.org/join**

If you have any questions, contact Shannon Yancey at (832) 523-6619 or Shannon.Yancey@Caleffi.com

For more info: **https://www.ashrae.org/communities/regions**

TREASURER



23-24 Treasurer: Heather Camden

✓ Chapter is in good financial standing

Books have been transferred from Nick Janssen to Heather Camden

TAX Last year's taxes are filed

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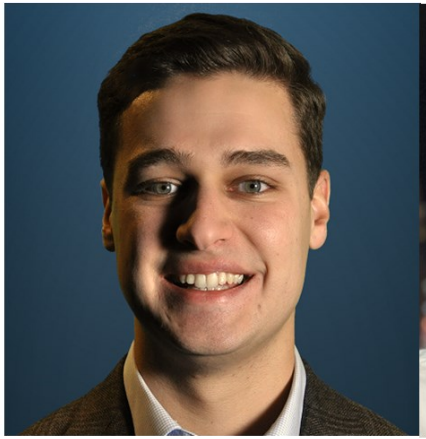
Jacob Busch

Graduated from Texas A&M University in 2018 with a degree in Industrial Distribution and currently pursuing a masters in Industrial Distribution c/o '24. He currently works for Automated Logic, a division of Carrier. Jacob likes playing soccer and pickleball, cooking, and traveling.



Amanda Ackerman

Graduated with a degree in mechanical engineering from Texas A&M in 2019 and is currently a mechanical EIT with Smith Seckman Reid. She enjoys playing sand volleyball, video games, and spending time with friends and family.



Franco Madrigali

Graduated with a degree in Industrial Distribution from Texas A&M University in December of 2017 and is a Technical Sales Engineer with Johnson Controls. He enjoys spending time with his wife and newborn daughter, as well as traveling, running, and spending time outdoors.



Pablo Marin

Graduated from Iowa State University with a degree in Industrial engineering back in 2020 and right away started working with Engineered Air. He enjoys spending time with family, traveling and practicing kite boarding.

YEA Participation Survey (2023-2024)

WE WOULD LIKE TO HEAR FROM YOU CLICK **HERE** TO COMPLETE A QUICK SURVEY ABOUT WHAT YOU'D LIKE TO SEE FROM YEA THIS YEAR

YEA SPONSORS (2023-2024)

WE ARE SEEKING SPONSORS TO HELP US SUPPORT OUR COMMITTEE

IF INTERESTED PLEASE CLICK **HERE**

CONTACT

PABLO MARIN

to sponsor the October Happy Hour

CO-HOST WITH ABC YOUNG PROFESSIONALS

2023-2024 YEA Co-Chair

pablo.marin@engineeredair.com

YEA Happy Hour

Join us at our next event!

Want to Sponsor?

Reach out to Pablo Marin via email

How to Sponsor?

After emailing Pablo, pick a date, time and location so that we can post in upcoming Newsletters!

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REFRIGERATION

New Alternative Policy (Snap Rule 26)

WRITTEN BY: JAMES ROBINSON

Hello Houston Chapter. The Significant New Alternative Policy (Snap Rule 26) is another proposal by the EPA to accelerate the transition to Low- Global Warming Potential (GWP) refrigerants in the refrigeration sector. Released in May 2023, Snap Rule 26 identifies 10 refrigerants as acceptable alternatives with use conditions. The term - acceptable alternative with use conditions- is one of three EPA Snap Rule 26 classifications designed to provide guidelines when using new A2L refrigerants in HVACR equipment. For example, HFO-1234yf, R-454C, R-455A, R-457A, R-290, and R-516A are acceptable alternatives for retail food refrigeration equipment. These Snap Rule 26 classifications are particularly important for manufacturers as they develop new refrigeration equipment in compliance with the American Innovation and Manufacturing (AIM) ACT. The other two classifications, acceptable alternative with narrowed use limits, and acceptable alternative with modified use conditions list some of the same refrigerants as the acceptable alternative with use conditions. The major difference between the other two classifications and the first, is stricter use of the new refrigerant and other standard considerations. Until the EPA finalizes SNAP Rule 26, manufacturers are concerned that they may not comply with AIM ACT deadlines or develop refrigeration systems suitable for industry and environmental needs. Additional information can be obtained **here**.

Refrigeration CHAIRS

DON INVESTER

JAMES ROBINSON



James Robinson
Refrigeration Expert
ASHRAE Member
Houston Chapter

"The agency has finalized its Significant New Alternatives Policy (SNAP) Rule 25 which lists seven refrigerants approved for use in HVACR equipment."

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STUDENT ACTIVITIES

STUDENT ACTIVITIES CHAIR



TARA DENNIS
STUDENT ACTIVITIES CHAIR



SADIA ASHRAF
LYNN G. BELLENGER
SCHOLARSHIP RECIPIENT



JOHN MCCULLOCH
DUANE HANSON
SCHOLARSHIP RECIPIENT

We are excited to announce that two Region VIII students were selected as 2023-24 Society $5,000 Scholarship Recipients! Please join me in recognizing both Sadia and John on their outstanding accomplishment!

***Sadia Ashraf**, Mechanical Engineering attending the University of Houston is the recipient of the Lynn G. Bellenger Engineering Scholarship which recognizes female undergraduate engineering students and is named in memory of the Society's first female president, who served as the Society's president in 2010-11.*

***John McCulloch**, Mechanical Engineering attending Texas A & M University and Texas University, is the recipient of the Duane Hanson Scholarship established by Gayner Engineers and is named for the company's former president.*

Stay up to date on the latest news and resources available to you by signing up for the student newsletter.

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GRASSROOTS GOVERNMENT

2023-2024 GRASSROOTS GOVERNMENT ADVOCACY CO-CHAIRS

KENNETH SHIFFLETT



KEITH REIHL



USEFUL RESOURCES

Have you been to ASHRAE's Government Affairs page? There are landing pages for ASHRAE position documents on issues, a newsletter sign up, advocacy tool kits, Engineer's Week, among others.

https://www.ashrae.org/about/government-affairs

The ASHRAE Policy Position and Issues page has a wealth of information a wide breadth of topics, including recommendations for reopening businesses and schools.

https://www.ashrae.org/about/government-affairs/policy-positions-and-issues

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GRASSROOTS GOVERNMENT

ASHRAE Houston had a wonderful presentation by the City of Houston Code Modernization team on August 10th. Since that time the codes and amendments have been presented to the City of Houston Transportation, Technology, and Infrastructure Committee on August 24th. The period to submit and amendment proposal has closed; public comments are still being accepted through September 19,2023. In October the amendments will be presented to City Council for adoption.

The proposed amendments, and link to submit public comment are here

A high level overview can be found here

Houston's City Council Transportation, Technology, and Infrastructure (TTI) Committee

30-Day Public Comment Period: Monday, August 21, 2023 – Tuesday, September 19, 2023

Comment only period on the final proposed amendments. Amendment proposals will not be received for consideration.

August 24, 2023 - Special Called Meeting – 2021 Building Code Presentation

https://www.houstontx.gov/council/committees/tti.html

Task Force Group 2 (TFG-2): RESIDENTIAL & POOL CODES

International Residential Code (IRC) and the International Swimming Pool and Spa Code (ISPSC)

30-Day Public Comment Period: Wednesday, December 14, 2022 – Thursday, January 12, 2023

December 20, 2022: Extended to 01.20.23

January 9, 2023: Extended to 01.27.23

January 24, 2023: Extended to 02.14.23

2nd 30-Day Public Comment Period: Monday, July 17, 2023 – Tuesday, August 15, 2023

Task Force Group 3 (TFG-3): ENERGY CONSERVATION & PERFORMANCE CODES

International Energy and Conservation Codes (IECC) and International Code Council Performance Code (ICCPC)

30-Day Public Comment Period: Monday, January 9, 2023 – Tuesday, February 7, 2023

On January 24, 2023: Extended to Friday, February 17, 2023

2nd 30-Day Public Comment Period: Monday, July 17, 2023 – Tuesday, August 15, 2023

Task Force Group 4 (TFG-4): MECHANICAL, ELECTRICAL, AND PLUMBING CODES

30-Day Public Comment Period: Monday, March 13, 2023 – Tuesday, April 19, 2023

1. **2nd 30-Day Public Comment Period: Monday, July 17, 2023 – Tuesday, August 15, 2023**

A reminder when submitting a code amendment proposal:

The Houston Public Works mandate for this code adoption is to adopt the 2021 Code Editions as a base code with local amendments that:

- Help strengthen and ensure long term sustainability and resilience in Houston;
- Do not reduce the fire- or life-safety provisions without providing an equivalency to what's found in the base code; and
- Comply with the intent of the code in quality, strength, effectiveness, fire-resistance, durability, and safety for the purpose intended.
- Chapter One is for the Legal Department only. Amendments are excluded for submission

If you are interested in volunteering for this important project, please visit Construction Code Modernization | Houston Permitting Center.
You can also sign-up for the newsletter for this project and get updates for this project.

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SUSTAINABILITY

We need LEADERS to step up and be part of our Sustainability Committee to help make a difference in our community. Lead, Volunteer, Have Fun, and Make Houston a better and more sustainable place.

To sign up, contact Andreas Winardi at andreasw@mckinstry.com

HELP ME Pick Your Events!

Calling all Houston ASHRAE members! Help me Pick Two Sustainability events for your society:



Please email me at andreasw@mckinstry.com

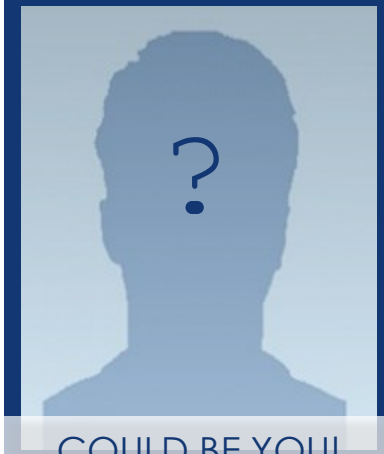
ASHRAE-DOE Pilot Program for Efficient and Healthy Schools

The Bipartisan Infrastructure Law (BIL) has appropriated approximately $62 Billion to the U.S. Department of Energy (DOE) to invest in American infrastructure, including more than **$500 Million targeted for school building renovations** through competitive grants offered over the next 5 years.

SUSTAINABILITY CHAIR



Andreas Winardi, PE



COULD BE YOU!

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COMMISSIONING

2023-2024 COMMISSIONING CHAIR

ADAM SEGOVIS



WRITTEN BY: ADAM SEGOVIS

Building Commissioning, in accordance with ASHRAE standards, is a systematic and comprehensive process aimed at ensuring that newly constructed or renovated building functions efficiently, reliably, and in accordance with the owner's requirements. ASHRAE particularly in Standard 202, outlines the guidelines for the commissioning process. This entails a series of activities, starting from the design phase, through construction, and into the occupancy phase. It involves the verification and documentation of all building systems, including HVAC, electrical, plumbing, and controls, to confirm they meet performance criteria and are integrated seamlessly. By adhering to ASHRAE standards for Building Commissioning, owners and occupants can benefit from enhanced energy efficiency, improved indoor air quality, reduced operating costs, and an overall optimized building performance. Over the next few months we will be covering Standard 202 in more detail.

USEFUL RESOURCES

Here is a link to a short video describing the benefits of continuously commissioning existing buildings
https://www.youtube.com/watch?v=U9wvpHsLOPU&t=58s

If commissioning is part of your process, expert guidance is essential.
ASHRAE offers several resources to help guide your team through this critical phase of a new construction project
https://www.ashrae.org/technical-resources/bookstore/commissioning

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IBPSA Online Performance Huddle

About

Performance Huddle is an annual symposium organized by IBPSA-Houston relating to building performance simulations. This year we are hosting 2 sessions, 6 speakers, and one software workshop. The speakers are building scientists, architects, and engineers involved in building performance in practice or academia. It is geared towards students, practicing architects or engineers, as well as experts in the field and anyone interested in the science of creating high performing and comfortable built environments.

Click here to learn about the conference's Workshop and Presentations

Conference Platform

The 2023 Performance Huddle conference is a virtual one hosted on the Hopin platform. Hopin is a virtual venue with multiple interactive areas that are optimized for connecting and engaging. Conference attendees can move in and out of rooms/booths just like an in-person event and enjoy networking with peers.

Registration

REGISTER NOW

Registration type	Cost
General Registration	$10
Student Registration	$5.00



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BOG MINUTES

ASHRAE Houston Chapter

September 12, 2023, Meeting Agenda

Attendees: BoG and Chairs

Board of Governors Date: September 12, 2023

Call to order at: 3:35 PM

- Meeting Attendees: 6 voting out of 14.
  - Tim Navarro, Amanda Ackerman, Andre Winardi, Jacob Busch, Christy Troutman, Franco Madrigali, Greg Tinkler, James Robinson, Julie Thomet, Kenneth Shifflett, Mason Hall, Alan Neely, Nick Janssen, Adam Segovis
- President: Catherine Tinkler

I. Approve August Meeting Minutes 6-0-1
   a. Allen motioned to accept; Nick seconded.

II. Monthly Meeting Team Reporting – action before the meeting and then report completed.
   - ✓ Update on MBO & month's activities sent to RVC, Pres, BOG, Officer, and Chair Team
   - ✓ PAOE points entered.
     i. Use BOG appointee to assist with PAOE help and tips.
   - ✓ Uploads to Region 8 Basecamp and/or Houston Basecamp
     i. Catherine entered and updated PAOE points.
   - ✓ Communications content for current & next month
     i. Catherine has no current communications content.

Position	Officer	MBOs	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
President	Catherine Tinkler	X	X									
CTTC	Julie Thomet	X										
Research Promotion	Nick Janssen		X	X								
Membership	Shannon Yancey											
Treasurer	Heather Camden											
Student Activities	Tara Dennis		x									
YEA	Franco Madrigali	X	x									
DiA	?											
GAC	Ken Shifflett	X	X	X								
Historian	Bruce Flaniken											
Refrigeration	James Robinson											
Electronic Communication	Rachel Haines											

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a. (Operations Team) Alan Neeley + President + Historian + GAC + H&A
   i. Catherine entered PAOE Points
   ii. Alan Neely to submit ESA for Gaylon Richardson, submitting applications for Fellows (Michael Langton & Keith Rheil, Alan Neely, James Robinson) Garrett Neubauer – elected for service award, Proclamations for Keith, Kenneth and Alan

	2023-2024 PAOE Points Chart				
	Par	Min Points	Total Points	Goal for This Year	Last Year's Actual
Chapter Operations	1200	600		1320	1050
Chapter Technology Transfer	1050	550		1155	2900
Communications	700	300		800	0
Government Affairs	1000	500		1100	2750
Historical	300	100		350	0
Membership Promotion	1600	1000		1675	1550
RP	1050	800		1200	1099
Student Activities	800	500		900	1340
Young Engineers in ASHRAE	900	350		900	2125

b. (Programs Team) Ken Shifflett + CTTC/President-Elect + Refrigeration + Sustainability
   i. Julie - Set up MVOs with Ken
   ii. Julie - Attempting to increase owners, engineers, and contractors at meetings.
   iii. Julie - Requesting early registration for all BOG and Chair members.
   iv. Send Julie any announcements you may need for co-chairs or other updates to present at this month's luncheons.
   v. Andre – Call for co-chairs – he runs articles in the hot recorder for sustainability – would like engineers, and owners to assist in setting up a sustainability event (cleaning up the beach, tour of LEED building site, etc. – send to ASHRAE membership?)
      1. Andre to consolidate a message for the sustainability sub committee to share with membership.
      2. Sustainability event with Rice University? (Andre to speak with Greg T to set up event)

c. (Stakeholder Team) Greg Tinkler + RP/Vice President + YEA + WiA
   i. Nick – Clay Shoot – Made ~$3,000 after expenses, 14 team.
   ii. Deposit put down for spring golf tournament at Blackhorse.
   iii. Push for Annual Sponsorships (TAS, Vicon already committed)
      1. Reach out to TD Industries for annual sponsorship.
      2. We need a group effort from BOG to bring in annual sponsorships.
      3. Full Circle Donations – Need to be in by the end of month.
   iv. YEA: Automated Logic Sponsored last month

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1. AEI will cohost the November YEA event.
2. Will cohost event in early 2024.

v. WIA: Heather from Roessler is interested in helping, she would like to co-chair to help with position.

d. (Nuts & Bolts Team) Keith Reihl + Treasurer + Newsletter + Communications
   i. Treasurer – we have not sent money to TAMU yet.
      1. Working on opening her account with Bank of America
      2. Will be reporting to her RVC this month.
   ii. Newsletter – Mason
      1. No HARGLs yet 😊
      2. Archiving last year's newsletters to post this years to the website.
      3. Posted PAOE points 40.
      4. Mike Vita – Region 8 newsletter judging chair is now on the email distribution.
   iii. Rachel needs all photos for social media posts the day of the event.

e. (Engagement Team) Mike Langton + Secretary + Membership Promotion + Student Activities
   i. HD Grand – Check in sponsor John Walik
   ii. Student Activities - Tara – invited Greg and Catherine to sit down with Elmer @ Rice to talk all things ASHRAE (goal to set up a student branch)
      1. Dr. Walters at TAMU introduces students to industry organizations – Promoted scholarships.

III. Old Business
   a. Funding to TAMU – have we processed this year's payment?

IV. New Business
   a. YEA Sponsorship Levels (see below)
      i. Jacob, Franco, and Pablo – to refine sponsorship details under a single "yea sponsorship" (ditching – bronze, silver, and gold levels)
      ii. If banners are needed, yea can use the frames from existing banners.
   b. ASHRAE Invitation Idea from Mark Jumper
      i. Invitation card – to promote at engineer lunch and learns.
   c. LeaDRS Program Nomination (email from Joe Sanders)
      i. Region and Society roles are available for YEA Eligible members. If there are questions – direct them to Nick J or Julie T
   d. Storage Unit and Historical Records
      i. Continue paying $200/month for storage unit or put shed in backyard.
      ii. Add Budget Item for this.
      iii. MOTION FOR PAYMENT THRU END OF YEAR – 6-0-1 vote to get storage through December 2023.
   e. Other New Business
      i. Discussion about Treasurer Role for next month

V. MEETING ADJOURNED @ 5:07
- Allen Motioned
- Nick Seconded
- Meeting Closed 6-0-1

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ROSTER

2023-2024 Houston Chapter Volunteer Leadership

Operations Team	
Alan Neeley, Board of Governors	alan_neely@pghcorning.com
Catherine Tinkler, President	CTinkler@pagethink.com
Bruce Flaniken, Historian	BLFlaniken@houstonmethodist.org
Ken Shifflett, Government Affairs Committee Chair	kshifflett@distribaire.com
Keith Reihl, Government Affairs Committee Chair	reihl@swbell.net
Alan Neeley, Honors and Awards Committee Chair	alan.neely@owenscorning.com
Garrett Neubauer, Past President	gneubauer@pagethink.com
Programs Team	
Ken Shifflett, Board of Governors	kshifflett@distribaire.com
Julie Thomet, CTTC/President-Elect	juliet@mjec.com
James Robinson, Refrigeration Committee Chair	jamesrobinsonblazer@outlook.com
Don Ivester, Refrigeration Committee Chair	Don.Ivester@graymechanical.com
Adam Segovis, Commissioning Committee Chair	ASegovis@convergentz.com
Andreas Winardi, Sustainability Committee Chair	AndreasW@McKinstry.com
Stakeholder Team	
Greg Tinkler, Board of Governors	GTinkler@pagethink.com
Nick Janssen, RP/Vice President	nick.janssen@texasairsystems.com
Amanda Ackerman, YEA Committee Co-Chair	aackerman@ssr-inc.com
Jacob Busch, YEA Committee Co-Chair	jacob.busch@carrier.com
Franco Madrigali, YEA Committee Co-Chair	franco.madrigali@jci.com
Pablo Marin, YEA Committee Co-Chair	pablo.marin@engineeredair.com
Nuts & Bolts Team	
Keith Reihl, Board of Governors	reihl@swbell.net
Heather Camden, Treasurer	camden@eceng.com
Mason Hall, Newsletter	mhall@unifyes.com
Rachel Haines, Webmaster & Social Media	rachel@sshvac.com
Engagement Team	
Mike Langton, Board of Governors	mlangton@langtonenergy.com
Tim Navarro, Secretary	Tim.Navarro@carrier.com
Shannon Yancey, Membership Promotion	shannon.yancey@caleffi.com
Tara Dennis, Student Activities	tdennis@resource-innovations.com