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ASHRAE Houston Chapter's

# THE HOT AIR RECORDER

78th Volume No. V


## January

| Sun | Mo | Tue | We | Thu | Fri | Sat |
|---|---|---|---|---|---|---|
| 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 | | | | | |

**20**

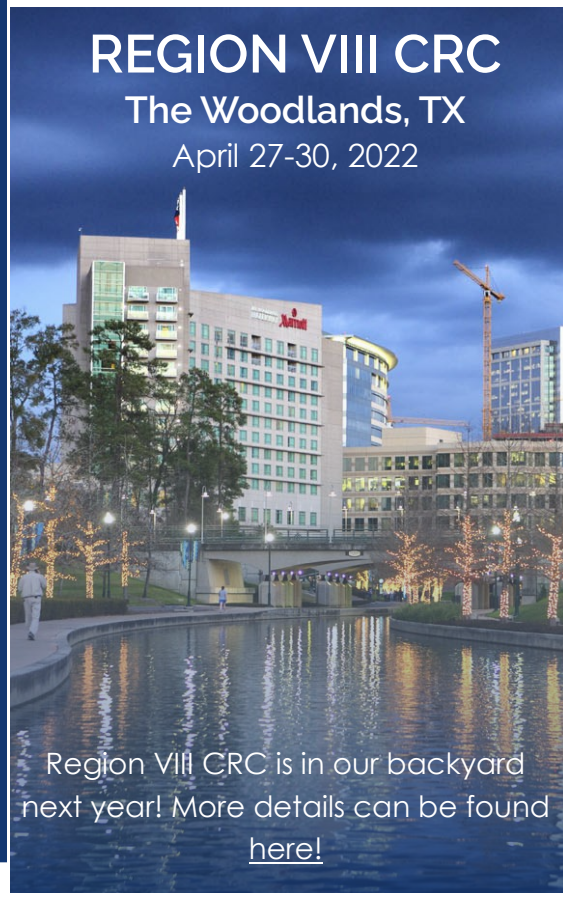
## Past President's Night– POSTPONED

Reminder that Past President's Night has been postponed. Please stay tuned for details on when it will be held.

**31**

## Region VIII Happy Hour in Vegas

Attending the ASHRAE Winter Conference in Vegas? Be sure to come to the Region VIII Happy Hour on the 31st from 5:00 PM– 7:00 PM at The LINQ Promenade. More details here.












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# PRESIDENT'S MESSAGE

Greetings Houston ASHRAE chapter!

I hope everyone had a safe and wonderful holiday season. The wonderful team of volunteers are off to a great start planning the second half of our 21-22 year.

First, in light of the recent Omicron spike, the ASHRAE officers have decided to postpone the Past President's Night. The event will still be held at St. Arnold's, but a date has yet to be set. We are still encouraging everyone to attend the Winter Conference (in person or virtually) that will be held in Las Vegas January 29th through February 2nd. If you are attending in person, please check out the Region VIII Happy Hour on the 31st from 5-7 at the LINQ Promendade.

Our February meeting will be held on February 24th at Roessler Equipment Company and will be over Air Cleaning (Particulate Filtration, Portable and In-Duct Air Cleaners, Coil Cleaning) and Airborne Infectious Diseases. Be sure to register here.

We are planning on having the Spring Golf Tournament sometime in April– please be on the lookout for details on that. If you're interested in being a sponsor for the even, reach out to Catherine Tinkler. We will also be host the Region VIII CRC in our backyard in April. Details will be coming out soon for this as well.

As a reminder, if you or anyone you know would be interested in being more involved with ASHRAE, I highly encourage you to reach out to any of our Houston Chapter volunteers. We have a variety of positions for various interests and time commitments. From photography, event planning, or chairing/co-chairing any of our committees, we would love to have more engagement from our community to help make our chapter the very best it can be.

Please stay safe and I hope to see you soon at any one of our numerous ASHRAE events!



Josh Vanlandingham

Houston ASHRAE President

2021-2022

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# MEMBERSHIP

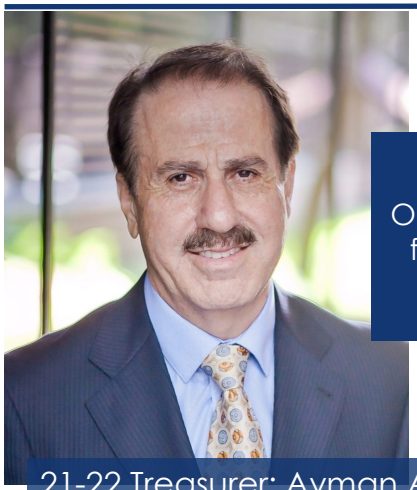
**MEMBERSHIP BENEFIT MATRIX**

| BENEFITS | ASH RAE Journal (Monthly) | Select One Annual Benefit: ASHRAE Standard, eLearning Course, or Handbook PDF | Option to select additional Handbook Packages at discounted rate | Complimentary 12 month access to Handbook Online (new members) | Member Bookstore Discount | Member Access to Technology Portal | Conference Registration and Education Discounts | Networking at local, region and Society level | Hold Office and Vote at Chapter, Regional, and Society Level | Participate on Committees | HVAC&R Industry Newsletter | Free Online Access to Science & Technology for the Built Environment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FULL MEMBER AND ASSOCIATE | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| STUDENT AND AFFILIATE | Yes | No | Students: yes Affiliates: No | No | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes |

Please welcome our new member: Adam Goldberg

Join or renew through www.ashrae.org/home. If you have any questions, contact membership@ashraehouston.org

# TREASURER



21-22 Treasurer: Ayman Ashkar

**November Treasurer Report**

Our annual taxes for the year ending June 30, 2021 have been filed. We are in good financial standing. We are hoping for better revenue this year from the upcoming Fall Golf Tournament and other events.

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## RESEARCH PROMOTION

# THANK YOU TO OUR ANNUAL SPONSORS!

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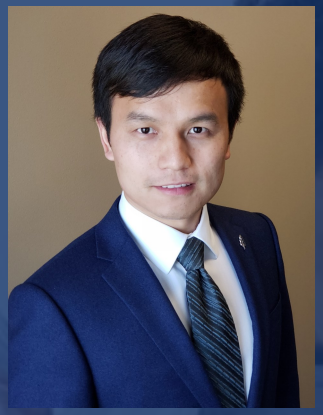


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# STUDENT ACTIVITIES

## STUDENT ACTIVITIES CO-CHAIRS



JIAJUN "FRANCIS" LIAO



ELMER WHITEHEAD

## Student Activities Updates

- ASHRAE Winter Conference / Student Program (Las Vegas, NV) will be held on January 29, 2022. Students can attend either in person or virtually.
- The Society Student Activities Committee is hosting a career panel. All students are welcome to attend.
  - VIRTUAL panel on Wednesday, Jan 19 from 11a-12:30p CT
  - In-person panel in Las Vegas Sunday, Jan 30 from 9:45am - 11:15am PT
- Graduating seniors are encouraged to sign up for SmartStart, a 3-year program that allows Student members to transfer to Associate grade membership at a rate that is recent-graduate friendly.

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# BOG MINUTES

ASHRAE Houston Chapter

November 18, 2021 BOG Meeting
3:30 pm
TEAMS / In-Person meeting

Attendees: BoG and Chairs
Board of Governors Date: November 18, 2021
Call to order at: 3:46 PM

I. Meeting Attendees: Greg Tinkler, Catherine Tinkler, Ken Shifflett, Terry Connor, Nick Janssen, Ayman Ashkar
II. President – Josh Vanlandingham
III. Approve the October 28th Meeting minutes
   a. Please contact your RVC no later than the 15th every month. Copy to Josh and Nick.

| Position | Officer | MBOs | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| President | Josh Vlandingham | | | X | X | X | | | | | | |
| CTTC | Garrett Neubauer | | | | | | | | | | | |
| Research Promotion | Catherine Tinkler | | | | X | | | | | | | |
| Membership | Shannon Yancey | | X | X | X | | | | | | | |
| Treasurer | Ayman Ashkar | | | X | X | | | | | | | |
| Student Activities | Francis Liao | | | | | | | | | | | |
| YEA | Sydney Foreman | | | | | | | | | | | |
| GAC | Keith Reihl/Ken Shifflett | | X | X | X | | | | | | | |
| Historian | Bruce Flaniken | | | | | | | | | | | |
| Refrigeration | Manuchehr Mehdizadeh | | | | | | | | | | | |
| Electronic Communication | Rachel Haines | | | | | | | | | | | |

I. PAOE – Terry Connor
   a. Update PAOE status – on pace to meet goals and meet the "par" values for the year
II. President-Elect and CTTC Chair – Garrett Neubauer
   a. Upcoming meetings and events:
      i. 11/18 November Mtg (Today) – Paige's Office @ 4:30 pm.
      ii. 1/20 January Mtg.: Past Presidents Night, St. Arnolds
         1. MMJ and DA are sponsoring at ½ the cost
         2. Wine or other Drink Options? Still considering
         3. Entertainment: Still ongoing
         4. Garrett needs to delegate a person to contact all past presidents and give personal invites.
      iii. 2/24 February Mtg.: In-Person @ Roessler Offices - Speaker (Tentatively Marwa Zaatari regarding Air Cleaning (Particulate Filtration, Portable and In-Duct Air Cleaners, Coil Cleaning) and Airborne Infectious Diseases)
      iv. 3/24 March Mtg.: Refrig and Student night (scholarships) – possibly at 919 Milam.
         1. Touring ice storage facility
      v. 4/28 April Mtg.: Airport Projects Topic
      vi. 5/26 May Mtg.: ASHRAE DL Advance Energy for Healthcare facilities

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# BOG MINUTES

b. Garrett has two (2) DLs planned for this year.
   i. Were DL forms sent to Kenneth? Garrett will follow up with society for the chapter DL situation for the remainder of the year.
   ii. Nick has sent Garrett email about Aaon covering the DL fees for a visit.
c. Discussion on meetings and poor turnout. Ken mentioned possibly doing lunch meetings. Nick made the point about Dallas Chapter's meeting attendance much larger than ours.
   i. Garrett put Nick in charge of setting up a Survey Monkey to see what time, and what type of meeting venues membership is looking for. Are members currently working form their offices? This may help figure out location.
   ii. Nick to check with The Petroleum Club to check on availability/cost to host monthly meetings.

III. Vice President and RP Chair – Catherine Tinkler
a. Annual Sponsors/Sponsorship update
   i. Current List of Annual Sponsors/Sponsorships: 3 platinum, 2 gold, 2 silver, 4 bronze = $63,000
b. Events:
   i. Clay Shoot – Financials…TBD
   ii. RP Goal Progress?
      1. Current RP Funds Raised
      2. RP funds paid to Society
   iii. Golf Tournament – 11/9/2021, Golf Trails of the Woodlands, noon shotgun
      1. Summary – 25 teams = 100 players
      2. $ raised - $31,425 took in, $17,814 in expenses
   iv. Other Events, info forthcoming:
      1. Spring Golf tournament – High Meadow Ranch, date TBD
      2. Possible axe throwing, go cart racing
c. Full Circle Status – Due Nov. 15th ($150 donation from board members)
   i. Status update – all BOG in
   ii. $ raised - $1,700

IV. Treasurer – Ayman Ashkar
a. Account balances (standing)
b. CRC Funds Update
c. Audit – Complete
d. Taxes – CPA has all info, sent in form for our review today (10/28)
   i. Submitted
e. Budget for 2021-2022 approved on 10/2/2022 (email vote)

V. Secretary – Nick Janssen – Josh and Garrett to check on updating bylaws by 12/6. Associated paperwork has been uploaded to Basecamp.

VI. Membership – Shannon Yancey (update numbers below)
a. Membership Update
b. Feb event for membership team at meeting?
c. Connect with Keith R on Socient goals for increasing membership?

VII. Student Activities, K-12 – Francis Liao, Elmer Whitehead
a. No update to report from Francis
b. Rice U – Elmer
c. Scholarships

VIII. YEA (Sydney not in attendance)
a. Join YEA happy hour tomorrow, 11/19. Post Oak Ice House 2-5pm. Roessler sponsoring.

IX. Diversity in ASHRAE (not in attendance)

X. Refrigeration – Manuchehr Mehdizadeh (not in attendance)

XI. Sustainability / Energy Modeling – Steve Stelzer

XII. Newsletter – Julie Thomet
a. Update- Newsletters- due date for articles
b. Oct. HAR was on BASECAMP and Website only.
c. Photos for the HAR

XIII. Webmaster and Social Media and Electronic Communications Chair – Rachael Haines

XIV. Honors and Awards – Alan, Bruce

XV. Directory Chair – Greg Tinkler

XVI. Grass Roots Government Advocacy – Keith Reihl, Kenneth Shifflett

XVII. Commissioning Chair – David MacLean

XVIII. Other business:

XIX. Meeting called to close at 4:33 PM

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# ROSTER

| Position | Full Name | Phone | Email |
|---|---|---|---|
| Chapter President | Mr Josh Vanlandingham, PE | (713) 515-3726 | jjvanham@gmail.com |
| Chapter President Elect | Mr John G Neubauer, PE | (713) 871-8484 | gneubauer@pagethink.com |
| Chapter Vice President | Catherine A Tinkler | (713)203-9267 | ctinkler@foscd.com |
| Chapter Treasurer | Mr. Ayman Ashkar | (713) 914-0888 | aashkar@dbrinc.com |
| Chapter Secretary | Mr. Nick Janssen | (832) 342-9276 | Nick.Janssen@texasairsystems.com |
| Chapter Board of Governors | Greg Tinkler | (713)658-2206 | gtinkler@yahoo.com |
| Chapter Board of Governors | Mr Bruce L Flaniken, PE | (832)473-1989 | BLFlaniken@houstonmethodist.org |
| Chapter Board of Governors | Mr Kenneth Shifflett | (713)828-2329 | kshifflett@distribaire.com |
| Chapter Board of Governors | Mr Michael Langton, PE | (832)867-7149 | mlangton@langtonenergy.com |
| Chapter Board of Governors | Mr Keith H Reihl, PE | (713)459-1044 | reihl@swbell.net |
| Chapter Delegate | Mr John G Neubauer, PE | (713) 871-8484 | gneubauer@pagethink.com |
| Chapter Alternate | Catherine A Tinkler | (713)203-9267 | ctinkler@foscd.com |
| Chapter Technology Transfer Chair | Mr John G Neubauer, PE | (713) 871-8484 | gneubauer@pagethink.com |
| Chapter Commissioning Chair | Mr David A MacLean | (713)857-6499 | david.maclean@mcmaccx.net |
| Chapter Grassroots Government Advocacy Co-Chair | Mr Keith H Reihl, PE | (713)459-1044 | reihl@swbell.net |
| Chapter Grassroots Government Advocacy Co-Chair | Mr Kenneth Shifflett | (713)828-2329 | kshifflett@distribaire.com |
| Chapter Historian | Mr Bruce L Flaniken, PE | (832)473-1989 | BLFlaniken@houstonmethodist.org |
| Chapter Honors and Awards | Mr Robert (Alan) Neely | (281)432-9864 | alan.neely@owenscorning.com |
| Chapter Membership Promotion Chair | Mr Jeffrey B Hunter | (713)939-6098 | jeffrey.hunter@carrier.com |
| Chapter Membership Promotion Co-Chair | Mrs Shannon Tawney Yancey | (281)728-1624 | syancey@grundfos.com |
| Chapter Refrigeration | Mr Manuchehr Mehdizadeh | (832) 660-5450 | mmz@roxara.com |
| Chapter Research Promotion Chair | Catherine A Tinkler | (713)203-9267 | ctinkler@foscd.com |
| Chapter Student Activities Chair | Mr Jiajun "Francis" Liao, PhD, EIT | (346) 339-7173 | liaojiajun142857@hotmail.com |
| Chapter Student Activities Co-Chair | Mr Elmer Whitehead | (713) 348-6369 | ew16@rice.edu |
| Chapter Sustainability Chair | Mr Steven Stelzer | (832)-394-9050 | steve.stelzer@houstontx.gov |
| Chapter Women in ASHRAE Chair | Miss Lauren Ramos | (713)783-7707 | lramos4321@hotmail.com |
| Chapter Women in ASHRAE Co-Chair | Mrs Krista Villanueva | (832)317-1512 | KVillanueva@gulfcoastboiler.com |
| Chapter YEA Chair | Sydney Foreman | (832)342-9264 | Sydney.Foreman@texasairsystems.com |
| Chapter Newsletter Editor | Ms Julie A Thomet | (936)523-0556 | Juliet@mjec.com |
| Chapter Webmaster | Mr Jack W. Kolar | (832) 759-4227 | jackoolair@outlook.com |