Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

ASHRAE Houston Chapter's

THE HOT AIR RECORDER

78th Volume No. IV

November

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				

9

Fall Golf Tournament

Fall Golf Tournament was held at The Golf Trails of the Woodlands from 11 AM to 7 PM, and was a sold out event! Thanks to everyone for participating.

18

Monthly Meeting

Join us at Page on November 18th from 4:30 PM– 6 PM as we welcome Paul Stewart to discuss Indoor Grow Room Design for our November chapter meeting! Register here.

19

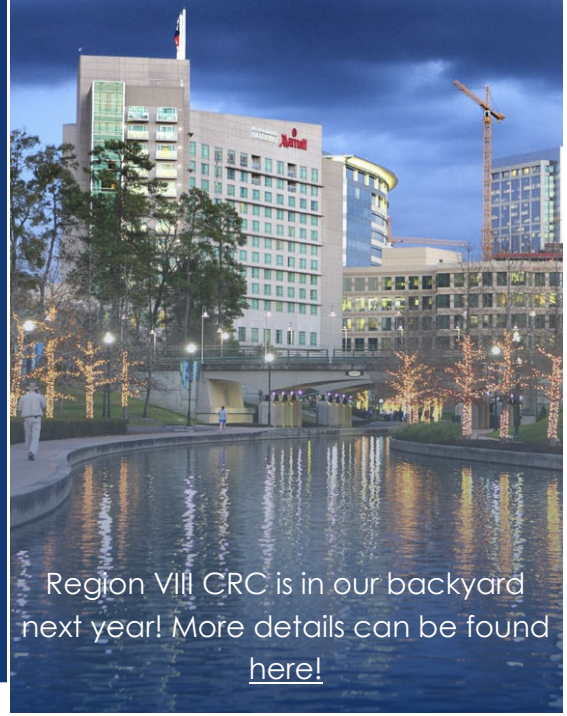
YEA Happy Hour

Join YEA at Post Oak Ice House on the 19th from 2PM-5PM for their November happy hour. Special thank to Roessler Equipment Company for sponsoring the event!

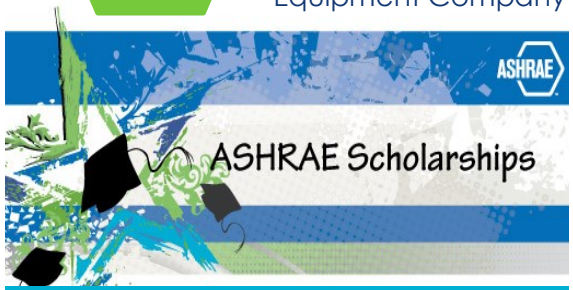
REGION VIII CRC

The Woodlands, TX

April 27-30, 2022



Region VIII CRC is in our backyard next year! More details can be found here!



REMINDER!

Applications for ASHRAE Society Scholarships are due by December 1st!

Apply here

NEW JOB POSTING!



Wildan Energy Solutions is seeking a design mechanical engineer to join their team in Plano or Houston.

Click to View | Click to Submit

2022 ASHRAE Winter Conference & AHR Expo

1/29/22 - 2/2/22



Register Here

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

PRESIDENT'S MESSAGE

Greetings Houston ASHRAE chapter!

Houston ASHRAE members, the time has finally come that we are able to meet again regularly since the beginning of 2020. Although Zoom is a fantastic platform, I can say without hesitation that I am "Zoomed out" as I am sure many of you are also. With that being said, I am excited to be able to share that we were able to host our first in person meeting in September since Covid invaded our world in early 2020. I think it was appropriate that we met at our fellow AIA organization's office in downtown Houston to hear a presentation by one of the foremost experts in the city on LEAN design, Kurt Neubek, with Page. I left that meeting with several new ideas for streamlining our approach to engineering on every project that we do, and a new appreciation for the power of lean and how it applies to our design and construction industry.

Our next meeting is coming up on October 28, and I hope that you are able to join us. Please check out our website for the latest information. A Special thank you to Garrett Neubauer for all of his hard work coordinating our meetings this year. Not only is he tasked with coming up with technical topics to share, but the additional challenge this year of finding a venue each month after our home for any years, the HESS Club, closed in early 2020.

We have continued to host our annual research promotion fundraising events in person, although with some modified formatting, to great success. This fall's sporting clay event held at the American shooting centers in September was no exception. We had a strong turnout, got in some excellent shooting before hunting seasons opened, and wrapped it up with a great meal and a few awards and raffle prizes. Congratulations to the winners, but more importantly congratulations to Catherine Tinkler, Vice president and research Promotion Chair for the chapter, for organizing such a successful event.

I look forward to seeing you at the next meeting and at our upcoming fall golf tournament that is planned for November 9th. Please check out our website and this newsletter for all of your ASHRAE needs.



Josh Vanlandingham
Houston ASHRAE President
2021-2022

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

MONTHLY MEETING

GET TO KNOW THE SPEAKER: PAUL STEWART



Paul Stewart is the Vice President of Sales for Desert Aire LLC. He joined Desert Aire in April 2009 after a 23 year career with Johnson Controls. His experience at JCI in OEM sales and sales management has supported his efforts at Desert Aire. Paul's responsibilities at Desert Aire include leading the sales effort, promoting the marketing & branding of Desert Aire, and overseeing the service & technical support functions.

Paul is a long term member of the American Society of Heating, Refrigerating, & Air Conditioning Engineers (ASHRAE) and has served as a member of The Council for the Model Aquatic Health Code (CMAHC) where he was a member of the Ventilation Committee. He is on the Board of Directors for the Buckner, KY YMCA and has also been an active member of the USA Swimming Facilities "Dream Team".

Paul has provided technical sessions on Indoor Pool Design, AHRI 920 & Dedicated Outdoor Air Systems, and Indoor Grow Efficient Design to multiple ASHRAE Chapters and was also the technical speaker at the ASHRAE CRC Region VII in August 2017. More recently, Paul was a guest speaker for the 2020 & 2021 Missouri Cannabis Conventions in St. Louis.

Paul earned a Bachelor's Degree in General Engineering from the University of Illinois – Champaign/Urbana. He resides in Louisville, KY with his wife Patty and their dogs Sheamus & Fiona. Paul enjoys running, bicycling, & golfing in his spare time and also enjoys dining out at locally owned restaurants, sampling craft brewed beers, and sipping Kentucky bourbon.

DESIGNING INDOOR GROW ROOMS

This month's meeting will be held at the Page Office downtown. Paul Stewart will be reviewing photosynthesis and plant growth, and how it relates to load calculations for indoor grow rooms. He will discuss different types of HVAC equipment that have been utilized and their success with indoor grow facility applications.

NOVEMBER 18TH, 2021

$25– ADVANCED REGISTRATION

$30– AFTER 4PM SEPTEMBER 23RD

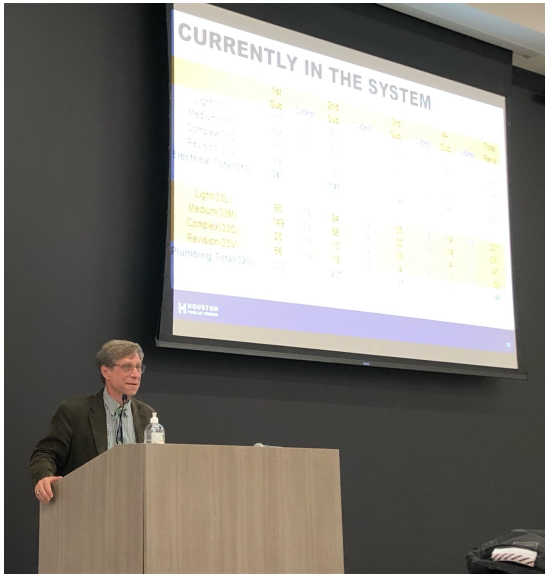
$35– ALL NON-MEMBERS

CLICK HERE TO REGISTER

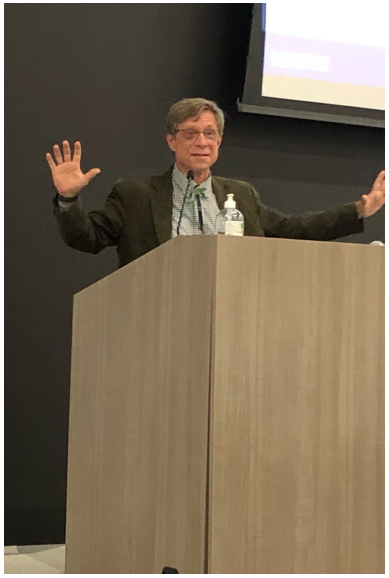
Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

LAST MONTH'S MEETING







Last month was our annual City of Houston code update presentation, held at IAH Airport, graciously given by Steve Stelzer, who is the Program Director for Code Enforcement for CoH. He gave us an excellent overview of all of the modifications to the current city code, and any changes to the process of getting code approval through the city.

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

MEMBERSHIP



HERE'S HOW:

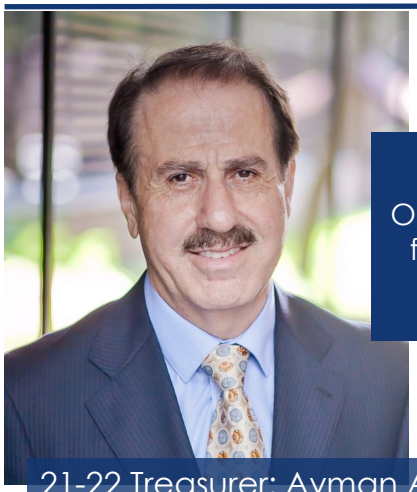
1. Invite a colleague to join ASHRAE as a Full Member or Associate, by November 30, 2021. We recommend using the super quick Connect-a-Colleague tool, which sends a pre-written (customizable) email on your behalf.
2. Ensure your colleague adds your email address as the referring member on the join form when prompted.
3. When your colleague joins ASHRAE as a Full Member or Associate (at the $230 rate), you'll get one ASHRAE Pocket Guide (I-P version) shipped to you, free.

That's it! Campaign details are available at ashrae.org/freepocketguide.

Please welcome our new members: James Thornton, Zachary McCoy, Garrett Burns, Alison Bowling, Joel Owen, Dr. Juan Manzono-Ruiz, David Holle, and Kent Gregory

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.

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

RESEARCH PROMOTION







THANK YOU TO OUR SPONSORS FOR THE FALL GOLF TOURNAMENT!



FIRST PLACE



SECOND PLACE



THIRD PLACE





THANKS TO ALL PARTICIPANTS WHO MADE OUR SOLD OUT EVENT A SUCCESS!

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

YEA



Thank you to everyone who came out and made our October HH a success, and to S&S Equipment for sponsoring!

S&S HVAC Equipment, LLC
Industrial and Commercial Equipment







DIA

Welcome to Diversity in ASHRAE!

ASHRAE is excited to kick off the new Diversity In ASHRAE group. DIA will focus on expanding and celebrating all minority groups in ASHRAE. We are looking for people interested in helping us cultivate new ideas for events and encourage engagement.

We will be having a joint event on Friday October 29th from 2 PM–5PM alongside Young Engineers in ASHRAE and Membership Promotion. Please come out and show your support! If you bring a friend, you'll be entered in a raffle to win a Yeti cooler.

Please feel free to contact me, Krista Villanueva or Lauren Ramos, with any questions or suggestions!

Kvillanueva@gulfcoastboiler.com | lauren.ramos@dialecticeng.com

KRISTA VILLANUEVA





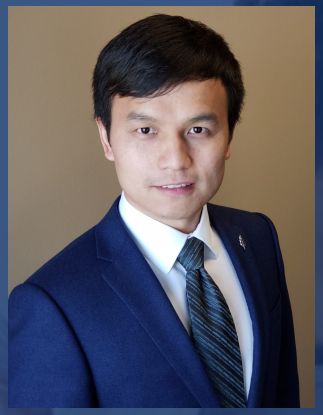
LAUREN RAMOS

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

STUDENT ACTIVITIES

STUDENT ACTIVITIES CO-CHAIRS



JIAJUN "FRANCIS" LIAO



ELMER WHITEHEAD

Student Activities Updates

Be mindful that the deadline for the ASHRAE Society Scholarships application is December 1, 2021. We encourage all students to apply.

https://www.ashrae.org/communities/student-zone/scholarships-and-grants/scholarship-program#criteria

The application for *Undergraduate Equipment Grants* is due on December 15, 2021.

https://www.ashrae.org/communities/student-zone/scholarships-and-grants/about-undergraduate-program-equipment-grants

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

BOG MINUTES

ASHRAE Houston Chapter

October 28, 2021 BOG Meeting
3:20 pm
TEAMS / In-Person meeting

Attendees: BoG and Chairs
Board of Governors Date: October 28, 2021
Call to order at: 3:20 PM

I. Meeting Attendees: Julie T., Ken Shifflett, Keith Reihl, Mike Langton, Josh Vlandingham, Rachel Haines, Terry Connor, Bruce Flaniken, Greg Tinkler, Garrett Neubaue, Ayman Akshar
II. President – Josh Vanlandingham
III. Approve the September 23nd Meeting minutes – approved (motion by tinkler, second by ayman)
   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							
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											

IV. President-Elect and CTTC Chair – Garrett Neubauer
   a. Upcoming meetings and events:
      i. 10/28 October Mtg.: In-Person @ IAH Of – Steve Selzer, Code Updates, COH
      ii. 11/18 November Mtg.: In-Person @ Treebeards (1100 Louisiana), Parking will be voucher by building.
         - $1400 for catering – Speaker will be Paul Stewart (with Desert Aire) regarding indoor grow houses.
         - Garrett will follow on drinks
         - Membershp promotion meeting – Garrett and Shannon to coordinate
      iii. 1/20 January Mtg.: Past Presidents Night, St. Arnolds
         1. MMJ and DA are sponsoring at ½ the cost
         2. Wine an option?
         3. Entertainment: Please send to Garrett…
      iv. 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)
      v. 3/24 March Mtg.: Refrig and Student night (scholarships)
      vi. 4/28 April Mtg.: Airport Projects Topic
      vii. 5/26 May Mtg.: ASHRAE DL Advance Energy for Healthcare facilities
   - Garrett has two (2) DLs planned for this year. ACTION: GN to send forms to RVC (Kenneth)

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

BOG MINUTES

V. Vice President and RP Chair – Catherine Tinkler (Greg presenting)
  a. Annual Sponsors/Sponsorship update
    i. Annual Sponsors/Sponsorships
  b. Events:
    i. Clay Shoot – Summary, no $ update to share
    ii. Annual Sponsorships - $63,000 currently raised for RP.
      1. HAVE NOT MET OUR ANNUAL GOAL!
      2. NEED SPONSORS
    iii. Golf Tournament – 11/9/2021, Golf Trails of the Woodlands, noon shotgun
      1. Need sponsors
    iv. Other Events, info forthcoming
  c. Full Circle Status – Due Nov. 15th ($150 donation from board members)
    i. Josh emailed officers and BOG the link to donate

VI. Treasurer – Ayman Ashkar
  a. Account balances – in good standing (black)
  b. Audit – Complete
    i. Discovered additional $2000 reimbursed to CRC vendors
  c. Taxes – CPA has all info, sent in form for our review today (10/28)
  d. Budget for 2021-2022 approved on 10/2/2022 (email vote)

VII. Secretary – Nick Janssen (no report, not in attendance)

VIII. Membership – Shannon Yancey
  a. 749 members as of end of Sept. 2021
  b. 32 memberships cancelled since July 2021 (nonpayment for 1st, 2nd, 3rd years)
  c. 66 unpaid members. Shannon has been reaching out to them.
  d. Shannon to email Ayman about sponsorship
  e. Join event DIA and YEA happy hour tomorrow, 10/29. See website for details.
  f. Feb event for membership team: Details TBD
  g. Keith R – is on membership committee for Society, what are ways to increase membership
    i. Electrical engineers?

IX. Student Activities, K-12 – Francis Liao
  a. Checks sent to TAMU teams.
  b. Rice U – Elmer taking the lead.
  c. Scholarships are open now.
    i. Due Dec. 1 for national society scholarships

X. YEA
  a. Join event DIA and YEA happy hour tomorrow, 10/29. See website for details.

XI. Diversity in ASHRAE
  a. Join event DIA and YEA happy hour tomorrow, 10/29. See website for details.

XII. PAOE – Terry Connor
  a. Update PAOE status

2021-2022 PAOE Points Chart

	Par	Min Points	Total Points	Goal for This Year	Last Year's Goal	Last Year's Actual
Chapter Operations	1200	600	185	1320	700	2720
Chapter Technology Transfer	1050	550	0	1155	1050	1800
Communications	700	300	440	800	700	1050
Government Affairs	1000	500	0	1100	650	2850
Historical	300	100	100	350	300	380
Membership Promotion	1600	1000	900	1675	800	1360
RP	1050	800	18	1200	1050	6060
Student Activities	800	500	500	900	800	2183
Young Engineers in ASHRAE	800	300	600	900	N/A	1050
Sustainability					500	

XIII. Refrigeration – Manuchehr Mehdizadeh (not in attendance)
  a. No report

XIV. Sustainability / Energy Modeling – Steve Stelzer (not in attendance)
  a. No report

XV. Newsletter – Julie Thomet
  a. Update- Newsletters- due date for articles
    i. Content due to Julie by 11/5
    ii. Publishes on 11/11, one week before Nov. meeting
  b. Oct. HAR was on BASECAMP and Website only.
  c. Photos for the HAR, email Julie

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

XVII. Honors and Awards – Alan, Bruce

XVIII. Directory Chair – Greg Tinkler

XIX. Grass Roots Government Advocacy – Keith Reihl, Kenneth Shifflett
  a. Today's meeting on COH CODE update

XX. Commissioning Chair – David MacLean (not in attendance)

XXI. Other business:

XXII. Meeting called to close by 4:26 PM

Quick Links

President's Message
This Month's Meeting
Last Month's Meeting
Membership
Treasurer
Research Promotion
YEA
DIA
Student Activities
BOG Minutes
Roster

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