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ASHRAE Houston Chapter's

THE HOT AIR RECORDER

78th Volume No. VIII

April

Sun	Mo	Tue	We	Thu	Fri	Sat
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
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24	25	26	27	28	29	30

12

21

28-30

Annual Spring Golf Tournament

The Annual Spring Golf Tournament is being held at High Meadow Ranch Golf Club. Registration starts at 11 AM.

Past President's Night

Join us at Saint Arnold's Brewery from 6-9 PM on the 21st for the Past President's Night and casino night! Drinks, food and games all for $30. Register here.

Region VIII CRC

The ASHRAE Chapter Regional Conference is in our back yard this year! Click here for more info, here to register. To volunteer, please email Bruce Flaniken or John Walik.



INTERESTED IN GETTING MORE INVOLVED WITH THE HOUSTON ASHRAE CHAPTER?

Take advantage of all the opportunities one of the largest ASHRAE Chapters can provide for your career! There are several positions open for the 2022-2023 year.

Contact Josh Vanlandingham and/or Garrett Neubauer for more info.





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PRESIDENT'S MESSAGE

Greetings Houston ASHRAE chapter!

We have a very busy couple months ahead of us to close out a fantastic 2021-2022 year!

First, I'd like to personally thank everyone for making our Annual Spring Golf Tournament such a success– from our sponsors, players, and Catherine Tinkler for putting the whole thing together. These events are very important to fund the ASHRAE research that is behind the codes and standards we work with every day in our industry.

While that may have been our last fundraising event for the year, we still have lots of events to gather and network ahead of us. For our annual Past President's Night, we are having a casino night held on April 21st at St Arnold's Brewery. Food, drinks and fun for $30– you can't beat that. Please join us and bring your colleagues as well.

We are also hosting the Chapter Regional Conference right in our backyard in Spring from April 28th through the 30th. Click here for a list of all the fun activities planned- take advantage of the close proximity and register.

Be on the lookout for details on our last meeting of the year in May, as well as a possible refrigeration tour to finish out the year. Keep in mind that there's events during the summer like YEA happy hours, and the annual summer conference in Toronto.

Lastly, this is the time of year where we look to add to our Houston Chapter team for next year. If you or a colleague are interested in becoming more involved with our chapter in any capacity, I encourage you to reach out to myself, Garrett Neubauer, or any of our chapter leaders. We have several positions for varying interests and time commitments.

I look forward to seeing everyone at our upcoming events!

Sincerely,



Josh Vanlandingham
Houston ASHRAE President
2021-2022

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REGION VIII CRC

Marriott CityPlace at Springwoods

4.27.22 - 4.30.22

ASHRAE MEMBER ACTIVITIES			
Wednesday, April 27, 2022			
4:00 PM	-	7:00 PM	Registration
			Mtg Hub PreFunction Rm 1stFlr
7:00 PM	-	Midnight	Houston Chapter Hospitality
			Presidential Suite

Thursday, April 28 2022			
7:00 AM	-	6:00 PM	Registration
			Mtg Hub PreFunction Rm GrdFlr
8:00 AM	-	4:00 PM	Spouses Hospitality Suite
			Pine Board room Grd Flr
	-		
			Brkst Canopy Pavilion Grd Flr
	-		
2:00 PM		3:00PM	CRC Sponsor Meet & Greet
			Cocktails Cash Bar, Wine, Beer,
			Light Snacks The Grove Grd Flr
4:00 PM	-	5:00 PM	Delegate & Alternate Caucus Mtg
			Pine Board Room Grd Floor
6:00 PM	-	8:00 PM	Welcome Party & Cash Bar
			Canopy Pavilon & PreFunct.
			Ground Floor
8:00 PM	-	Midnight	Houston Chapter Hospitality Ste.
			Presidential Suite

ASHRAE MEMBER ACTIVITIES			
Friday, April 29, 2022			
6:30 AM	-	8:00 AM	Continental Breakfast
			Canopy Pavilion Ground Floor
7:00 AM	-	6:00 PM	Registration
			Mtg Hub PreFunction Rm 1stFlr
7:00 AM	-	7:45 AM	Delegate & Alter.Caucus Brkfst
			Springwoods IV & V Grd Floor
8:00 AM	-	4:00 PM	Spouses Hospitality Suite
			Pine Conference Grd Floor
8:00 AM	-	11:45 AM	Business Meeting
			Springwoods I to III Grd Floor
10:00 AM	-	10:15 AM	Break
			PreFunction Sponsor Grd Floor
			Ground Floor
12:00 PM	-	1:45 PM	President's Luncheon
			Oak Ballroom & PreFunction
2:00 PM	-	5:00 PM	Tech Session & Tour Trk 1, 2, 3, & 4
		10 minute Breaks between Tech Sessions	
2:30 PM		4:30 PM	Tech Tour HARC LEED Platinum
4:30 PM		4:50 PM	Travel from HARC to Hotel
			Soda & Snacks
2:00 PM		3:30 PM	Tech 1 AcclAim Energy Advisor
			Tech 1 Data Analytics Cedar 1
3:40 PM	-	5:00 PM	*Tech 2 Yaskawa*
			Pros & Cons of ECM vs VFD Cedar 2
3:40 PM	-	4:10 PM	*Tech 3 Blue Box LLC Enzyme Coil*
			Cleaning Technology Elm 1
4:20 PM	-	5:00 PM	*Tech 4 Harvest Innovgative Solutions*
			H202 Odor & Mold Remediation Elm 2
4:00 PM	-	5:00 PM	YEA / DIA Happy Hour
			Common Bond
5:30 PM	-	7:00 PM	Pre-Dinner Cocktails & Cash Bar
			Oak Ballroom I & II and Patio
7:00 PM	-	11:00 PM	Dinner
9:00 PM	-	Midnight	Houston Chapter Hospitality
			Presidential Suite

ASHRAE MEMBER ACTIVITIES			
Saturday, April 30, 2022			
6:30 AM	-	8:00 AM	Continental Breakfast
			Canopy Pavilion Ground Floor
8:00 AM	-	12:00 PM	Registration
			Mtg Hub PreFunction Rm 1stFlr
8:00 AM	-	11:45 AM	Golden Gavel Committee
			Pine Conference Grd Floor
12:00 AM	-	1:45 AM	Honors and Awards Luncheon
			Oak Ballroom & PreFunction
2:00 PM	-	3:30 PM	Business Meeting
			Springwoods I to III Grd Floor
3:30 PM	-	5:00 PM	Executive Session
			Springwoods I to III Grd Floor
3:30 PM	-	5:00 PM	CRC Debrief
			Maple Room Ground Floor

Click here to register | Click here to book group rate at Marriott

Click here to reach out about volunteering

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VICON EQUIPMENT

Nailor® Industries Inc.

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Johnson Controls

GOLD

Carrier

CONVERGENTZ™

SILVER

ROESSLER EQUIPMENT COMPANY, INC.

Oslin Nation Co.
Hydronic and Plumbing Solutions Since 1943

BRONZE

DistribAire, Inc.
Quality HVAC Products

Willbanks
THINK BOILER. THINK WILLBANKS.

AEI Affiliated Engineers

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CALEFFI
Hydronic Solutions

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MEMBERSHIP

THINKING OF JOINING OR RENEWING? CHECK OUT THESE RESOURCES:

CONNECT-A-COLLEAGUE

We've kept it simple: Enter your name and email, your colleague's name and email, and press send. That's it! This pre-written invitation will be sent on your behalf, and includes options to reference an ASHRAE technical committee section, and to add a custom message. Click here to get started!

MEMBERSHIP BENEFITS FLYER

Click here for a flyer that includes a summary of membership benefits by grade.

STUDENT MEMBERSHIP BROCHURE

This brochure provides a description of all resources available for ASHRAE student members. This is a great brochure for recruiting new members at existing student branches or for the formation of a new student branch.

SUPPORT MY ASHRAE RENEWAL

Most employers are happy to support involvement in a professional society like ASHRAE. Here's a sample email to get your boss on board with supporting your new membership renewal.

REAPPROVED

MEMBERSHIP GUIDE

Click here for an up-to-date overview of all benefits associated with joining the Society. This reference is a great tool for members and potential members. Flip through the Membership Guide.

YOUNG ENGINEERS IN ASHRAE GUIDE

This guide highlights the benefits of ASHRAE for a young professional member highlighting programs and services created specifically for ASHRAE members 35 and younger.

SUPPORT MY ASHRAE MEMBERSHIP

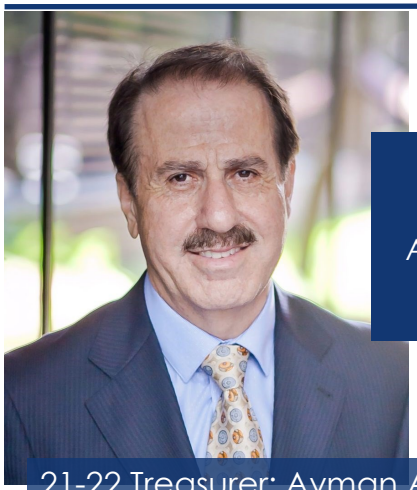
APPROVED

Most employers are happy to support involvement in a professional society like ASHRAE. Here's a sample email to get your boss on board with supporting your new membership.

Please welcome our new members: Michael E Shows & Richard James Folmer

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

Hopefully Covid-19 is behind us now, looking forward to seeing more people in ASHRAE meetings. Better attendance helps us achieve our financial goals. We are in a good financial standing.

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RESEARCH PROMOTION

THANK YOU TO EVERYONE WHO MADE THE 2022 SPRING GOLF TOURNAMENT A SUCCESS!



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YEA









DIA

Diversity in ASHRAE

Please join us for a happy hour at the Region VIII CRC!

DiA/YEA Joint Region VIII CRC Happy Hour
4.29.22 | 4 PM - 5 PM
Common Bond Bistro & Bakery
1700 City Plaza Drive #150
Spring, TX 77389

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

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Government Advocacy

2021-2022 GRASSROOTS GOVERNMENT ADVOCACY CO-CHAIRS

KENNETH SHIFFLETT



KEITH REIHL



US Congressional Activities

Congress Finally Passes FY22 Funding Bill and Sends to the White House for President Biden's Signature

After tense negotiations regarding funding for Ukraine, COVID-19 relief, and nearly $5 billion in earmarks both chambers have passed the omnibus spending package (H.R. 2471) which now awaits a signature from President Biden. The government has been operating on a series of continuing resolutions, which prevented a shutdown by allowing the government to continue operating at FY21 budget levels.

Within the omnibus spending package, the Department of Energy will receive a $2.9 billion increase to $44.9 billion, including a total of $3.2 billion for the Office of Energy Efficiency & Renewable Energy (EERE), $450 million for the Advanced Research Projects Agency-Energy (ARPA-E), and $7.5 billion for the Office of Science which oversees the national labs.

Notably, EERE will receive $55 million for the Commercial Building Integration program, $45 million for Residential Building Integration, and $58 million for Equipment and Building Standards including not less than $12 million for Building Energy Codes. The report language also stipulated, "Within available funds for Emerging Technologies, the Department [of Energy] is encouraged to make funding available for Heating, Ventilation and Air Conditioning (HVAC) and Refrigeration research, development and deployment, including heat pumps, heat pump water heaters, and boilers."

Federal Government Affairs

DOE Awards $31.8 million for Seven Advanced Building Construction Projects

The Department of Energy Building Technologies Office's Advanced Building Construction (ABC) Initiative seeks ways to change or use the built environment to reach our nation's goal of decarbonizing the building stock by 2050. "We're in an all-out sprint to beat the climate crisis, and that race runs straight through our nation's building sector," said U.S. Secretary of Energy Jennifer M. Granholm.

The focus of the ABC initiative is technologies that can deliver affordable, appealing, and efficient new buildings, as well as retrofitting existing buildings. The seven selected projects will reduce thermal energy loads by at least 50-75% at 30 existing buildings across the country. The teams that will be researching these technologies come from many different backgrounds – academia, manufacturers, architects, engineers, and public housing authorities. Find out more about the recipients here.

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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
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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 Co-Chair	Mr Jeffrey B Hunter	(713)939-6098	jeff.hunter@carrier.com
Chapter Membership Promotion Chair	Mrs Shannon Tawney Yancey	(832)523-6619	Shannon.yancey@caleffi.com
Chapter Refrigeration	Mr Manuchehr Mehdizadeh	(832) 660-5450	mmz@roxara.com
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Chapter Student Activities Co-Chair	Mr Elmer Whitehead	(713) 348-6369	ew16@rice.edu
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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	Tim Navarro	(281) 253-5028	Tim.Navarro@Carrier.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