

Quick Links

- This Month's Meeting
- HVAC Design Training
- Membership
- Treasurer
- Research Promotion
- YEA
- DIA
- Student Activities



ASHRAE Houston Chapter's THE HOT AIR RECORDER

79th Volume

No.1

August

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				

18

Monthly Meeting

Please join us for our monthly chapter meeting from 12:00 PM — 1:30 PM hosted by Page (1100 Louisiana St, Houston, TX, 77002, Tunnel level entrance)

For our first meeting of the year, we are excited to welcome Doug Cochrane, P.E., LEED AP, MASRAE to present on Building EQ. [Click here for more information and to register.](#)

25

YEA EVENT

Join us for YEA's AUGUST HH: 4-7 PM

Sponsored by Hunton Trane
Kirby Ice House - MEMORIAL LOCATION ON GESSNER RD.
1015 Gessner Rd.
Houston, TX

President



John Neubauer

President-Elect



Catherine Tinkler

Vice President



Julie Thomet

2022-2023
**HOUSTON
ASHRAE**
OFFICERS

Treasurer



Nick Janssen

Secretary



Heather Camden

Past President



Josh Vanlandingham



Texas A&M University
Student Branch

Texas A&M Recognized
at ASHRAE Competition

EIGHTH ANNUAL
SPORTING CLAY TOURNAMENT
9.06.22
Greater Houston Sports Club



[Register Here!](#)

ANNUAL SPONSORSHIP OPPORTUNITIES



[Click here to learn more!](#)

2022-2023 ASHRAE DIRECTORY

\$175 for the first page,
\$125 for the second
page, and \$100
for each ad-
ditional
page

Email ctinkler@pagethink.com if
interested in participating.

This Month's Meeting

HVAC Design Training

Membership

Treasurer

Research Promotion

YEA

DIA

Student Activities



MONTHLY MEETING

GET TO KNOW THE SPEAKER: DOUG COCHRANE, P.E, LEED AP,

Doug Cochrane is a graduate of Ryerson University with a degree in Mechanical Engineering and is a licensed professional engineer in Ontario. He is a LEED AP and has a certificate in sales development from Humber College.



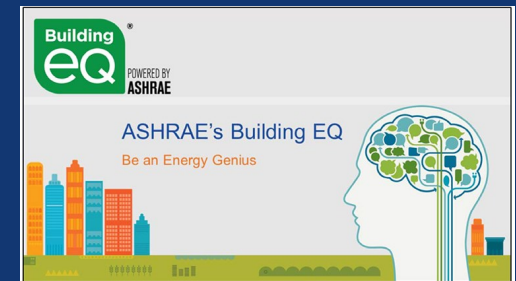
Mr. Cochrane is currently an independent consultant, after having spent nearly 30 years in equipment sales. Doug started in inside sales and has held additional roles as software coordinator, chiller and applied systems specialist, territory manager, branch sales manager, regional commercial sales manager, and engineering sales manager.

Mr. Cochrane joined ASHRAE in university and has participated in chapter, region, and society activities ever since. He has served as Chapter President, DRC, ARC, CRC Chair, and GGAC RVC. He has also served on Finance Committee, Nominating Committee, CEC, TC 9.1, and Building EQ Committee.

TECH HOUR: BUILDING EQ

This presentation focuses on ASHRAE's Building EQ program. Go beyond benchmarking with ASHRAE's Building Energy Quotient! Building EQ provides in-depth energy analysis to benchmarking energy performance, actionable energy efficiency recommendations, and information on a building's Indoor Environmental Quality. This program empowers building, campus and installation users on how their buildings contribute to their energy resilience and independence plan,

More information or to learn how to access the portal, initiate a project, and begin a submissions can be found on ASHRAE's website at www.ashrae.org/technical-resources/building-eq



AUGUST 18TH, 2022

\$25- ADVANCED REGISTRATION

\$30- AFTER AUGUST 16TH

\$35- ALL NON-MEMBERS

[CLICK HERE TO REGISTER](#)

- This Month's Meeting
- HVAC Design Training
- Membership
- Treasurer
- Research Promotion
- YEA
- DIA
- Student Activities



ASHRAE HVAC Design Training

ASHRAE is organizing the HVAC Design Training in Austin, TX on November 14-18, 2022. The training will be offered in two parts: Level I–Essentials on November 14-16 and Level II–Applications on November 17-18. We are seeking a push from the Houston Chapter to help promote the training to Chapter members and other area associates. An email and social media promotion from the Chapter would boost our efforts!

Attached is an HTML promotion detailing the training that you can forward to your Chapter members. Visit the HVAC Design Training webpage at www.ashrae.org/hvacdesign for more details on the value of this training.

HVAC Design: Level I ? Essentials

When: November 14 ? 16, 2022 | Austin, TX

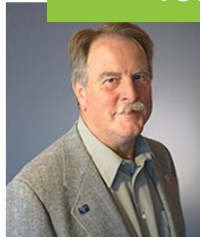
Level I ? Essentials November 14 ? 16, 2022	Member	Non-Member
Early Bird ? 60 Days	\$1,086	\$1,358
Early Bird ? 30 Days	\$1,109	\$1,386
Standard	\$1,143	\$1,429

[Register Now](#)

ASHRAE's HVAC Design: Level I ? Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

YOUR INSTRUCTORS



Donald Brandt, CEM, Life Member
ASHRAE, BEAP
[>> View Bio](#)



Dennis Wessel, P.E., Fellow/Life
Member ASHRAE, LEED? AP
[>> View Bio](#)

HVAC Design: Level II ? Applications

When: November 17 ? 18, 2022 | Austin, TX

Level II ? Applications November 17 ? 18, 2022	Member	Non-Member
Early Bird ? 60 Days	\$747	\$934
Early Bird ? 30 Days	\$763	\$954
Standard	\$786	\$983

[Register Now](#)

Register for BOTH training sessions to save money and fast track your experience level!

ASHRAE's HVAC Design: Level II ? Applications provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I ? Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability/Green/LEED/HPB/NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals
- Life Cycle Cost
- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD

Quick Links

- This Month's Meeting
- HVAC Design Training
- Membership
- Treasurer
- Research Promotion
- YEA
- DIA
- Student Activities



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.



ASHRAE

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

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.

APPROVED

REAPPROVED

Join or renew through <https://www.ashrae.org/join>
If you have any questions, contact membership@ashraehouston.org

TREASURER



22-23 Treasurer: Nick Janssen



Chapter is in good financial standing



Books are being transferred from Ayman Ashkar to Nick Janssen



2022 taxes filed

- This Month's Meeting
- HVAC Design Training
- Membership
- Treasurer
- Research Promotion
- YEA
- DIA
- Student Activities



RESEARCH PROMOTION

HOUSTON ASHRAE 2022-2023 RESEARCH PROMOTION FUNDRAISING EVENTS:

<u>SPORTING CLAY TOURNAMENT</u>	<u>FALL GOLF TOURNAMENT</u>	<u>SPRING GOLF TOURNAMENT</u>	<u>POKER TOURNAMENT</u>
9.06.22	Date TBD	Date TBD	Date TBD
Greater Houston Sports Club			

2022-2023 ASHRAE ANNUAL SPONSORSHIP OPPORTUNITIES:

PLATINUM	GOLD	SILVER	BRONZE	CONSULTING ENGINEER
\$10,000	\$7,500	\$5,000	\$2,000	\$1,000
Signage at each event as a Platinum Sponsor and ASHRAE Partner	Signage at each event as a Gold Sponsor	Signage at each event as a Silver Sponsor	Signage at each event as a Bronze Sponsor	Available only to consulting engineering firms
Recognition on the ASHRAE Houston website as a platinum sponsor with a link to your website	Recognition on ASHRAE Houston website as a Gold Sponsor	Recognition on the ASHRAE Houston website as a silver sponsor	Recognition on the ASHRAE Houston website as a bronze sponsor	Signage at each event as a Consulting Engineer Sponsor
ASHRAE Partner recognition at the annual conference	Two(2) participants and stand sponsor at the Sporting Clay Tournament	Two(2) participants and stand sponsor at the Sporting Clay Tournament	Hole sponsor signage at the golf tournament of your choice + stand sponsor at the Sporting Clay Tournament	Recognition on the ASHRAE Houston website as a consulting engineer sponsor
Four (4) participants at the Sporting Clay Tournament + one team (of 4) at both Golf Tournaments+ first buy ins for four (4) participants at the Poker Tournament	One team (of 4) at the Golf Tournament of your choice + first buy ins for two (2) participants at the Poker Tournament	First buy in for one(1) participant at the Poker Tournament	Admission for one (1) to the Past President night	Inclusion for free in the ASHRAE Houston directory
Inclusion for free in the ASHRAE Houston directory	Hole sponsor signage at both Golf Tournaments	Hole sponsor signage at the golf tournament of your choice		Free job opening postings on the ASHRAE Houston website and HAR
Admission for four (4) to the Past President night	Inclusion for free in the ASHRAE Houston directory	Admission for two (2) to the Past President night		Hole sponsor signage at the golf tournament of your choice OR stand sponsor at the Sporting Clay Tournament
Tailgate sponsor at the Golf Tournaments	Admission for two (2) to the Past President night			
Tabletop display space at the Sporting Clay Tournament				
CONTRIBUTE NOW	CONTRIBUTE NOW	CONTRIBUTE NOW	CONTRIBUTE NOW	CONTRIBUTE NOW



Quick Links

- This Month's Meeting
- HVAC Design Training
- Membership
- Treasurer
- Research Promotion
- YEA
- DIA
- Student Activities



YEA



Tim Navarro
2022-2023 YEA Chair
tim.navarro@carrier.com

Please welcome Tim Navarro as your returning YEA chair for the 2022-2023 year! Tim continues to coordinate monthly happy hours to grow and develop relationships within the Houston ASHRAE community. Contact Tim if you are interested in sponsoring.

Join us for YEA's AUGUST HH — 8/25/2022

Sponsored by Hunton Trane
Kirby Ice House (MEMORIAL LOCATION ON GESSNER RD)
1015 Gessner Rd.
Houston, TX
4-7 PM

[Link to Maps](#)

DIA

Diversity in ASHRAE!

As our world (hopefully) moves toward a new normal, we look forward to engaging in meaningful discussions, hosting facility tours, and coordinating lively social events in whatever the appropriate manner may be.

For the upcoming year DIA aims to provide

- A network of women supporting all individuals in the industry
- Opportunities for professional growth and development
- Leadership skills
- Broader exposure and awareness through outreach programs

We will also work in connection with Shannon Yancey, Chair position for Membership, to help grow and bring awareness to DIA. I am thrilled to serve as your Co-Chair for the next year and look forward to endless possibilities.

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



STUDENT ACTIVITIES

STUDENT ACTIVITIES CO-CHAIRS



JIAJUN "FRANCIS" LIAO



ELMER WHITEHEAD

Student Activities Updates

Scholarships are available to full-time undergraduate engineering or pre-engineering students pursuing a Bachelor of Science or Engineering degree in a course of study that has traditionally been a preparatory curriculum for the HVAC&R profession. Additional criteria for each chapter scholarship is listed below. Applicants must have a cumulative Grade Point Average (GPA) of at least 3.0 on a scale where 4.0 is the highest and/or a class standing of no less than the top 30% and meet at least one of the following criteria.

- ◆ The institution hosts a recognized [ASHRAE student branch](#) or
- ◆ The program is accredited by the Accreditation Board for Engineering and Technology (ABET) www.abet.org

For a list of accredited programs or schools with an ASHRAE student branch, click on the links provided above.

The following scholarships were awarded in 2022:

ASHRAE Houston Chapter Damon Gowan - \$1500

ASHRAE Houston Chapter Richard Burr - \$1500

Available annually to undergraduate engineering, preferably but not limited to mechanical and architectural engineering and is to be selected each year by the Donor. The scholarship is open to graduating High School Seniors interested in pursuing a degree in the heating, refrigeration and air conditioning industry at the discretion of the ASHRAE Houston Chapter.