



Joint AIA- ASHRAE Hard Hat Tour Monday, May 16, 2022

Hard Hat Tour: Cleveland Museum of Natural History

TIMES: 5:30 PM – 6:30 PM (*Limited to #20*)
6:30 PM – 8:00 PM
(*After-tour social open to all ASHRAE
Cleveland Members & prospective members*)

LOCATION: Cleveland Museum of Natural History (Tour)
[Jolly Scholar](#) (After-tour Social)

DESCRIPTION: A unique mid-construction hard-hat tour of the Cleveland Museum of Natural History jointly presented by the Cleveland Chapters of AIA and ASHRAE

[R.S.V.P. HERE](#) ** Only 6 more slots remaining for the tour**

Tour attendees: \$10 for tour & after-tour social appetizers.

Others: Join us for the after-tour social at Jolly Scholar, mingle w/ designers and architects, learn about ASHRAE Cleveland Membership benefits. **Free** appetizers and non-alcoholic beverages.

THIS MONTH'S SPONSOR



NORTHRICH COMPANY
HVAC Products

Check out our monthly NC Educational Series at
www.northrich.com

Links:

Certificates and presentations:

clevelandashrae.org/certificates-and-presentations

Would you like to get more involved in the chapter?

Volunteers are always needed, just contact:

INFO@CLEVELANDASHRAE.ORG

WANT TO BE A SPONSOR?
CONTACT INFO@CLEVELANDASHRAE.ORG FOR MORE INFO!



**ANAND
NATARAJAN**

CHAPTER PRESIDENT 2021-2022

Greetings, ASHRAE Cleveland Members.

Happy Earth Month! April has been a busy month for our local chapter. We had the special honor of hosting Mr. Tim Wentz a former ASHRAE President and a distinguished lecturer, who spoke about Ethics to a joint American Society of Plumbing Engineers (ASPE) and our ASHRAE Cleveland Chapter meeting audience. With a hybrid meeting model, we were able to attract 40 in-person and over 60 virtual attendees! All credit to our Chapter Technology team for pulling off this event and at a new venue for us to boot, at short notice.

The chapter has also been busy expanding our social media presence, judging an annual virtual student fair competition, interacting with local code and government officials, collaborating with professional partners, and planning for our May and June activities. Read all about it in this information filled newsletter!

As always, we cannot do this without your support, so please donate to ASHRAE's research promotion, follow and like us on our fledgling social media presence, sign up to volunteer or just to get in touch with our chapter, spread the word to your colleagues who are not local chapter members yet, and ask them to register for our chapter membership and events.

At your service,
Anand Natarajan
FY 2022
Cleveland Chapter President

Cleveland 2030's Annual Green Building Challenge Announcement:

With 21 exemplary entries, it was a difficult task for the judges to select winners.

Read the details of [the winning projects here](#).

Kudos to all the projects submitted for their dedication to environmental stewardship

2021 GREEN BUILDING CHALLENGE WINNERS

For Overall Exemplary Project:

- PITT OHIO, PITT OHIO Terminal, Parma, Ohio

For Energy Reduction / Management:

- Cuyahoga Community College, Western Campus STEM Center, Parma, Ohio (New Construction)
- Flats East Bank /Ernst & Young, Lighting Retrofit, Cleveland, Ohio (Renovation)

For Water Conservation / Management:

- Northeast Ohio Areawide Coordinating Agency, Net Zero Cool Phase 1, Cleveland, Ohio

For Transportation Emissions Reduction:

- City of Lakewood, Public Electric Vehicle Charging Station Network Expansion, Lakewood, Ohio

For Healthy Buildings:

- First Interstate Development, 121 Larchmere, Cleveland, Ohio (New Construction)
- U.S. Veterans Affairs, VA Lorain Community Based Outpatient Clinic, Sheffield, Ohio (New Construction)
- Brookfield Properties, Brookfield Properties Fitwell Certification, Cleveland, Ohio (Renovation)
- Westfield, Westfield Home Office WELL Healthy-Safety, Westfield Center, Ohio (Renovation)





CLEVELAND EXTRAS



Northeast Ohio Professional Partners

CLEVELAND
2030
DISTRICT

Check out [Cleveland 2030 District's 2022 BES Sessions](#) line up!

Upcoming Event:
How Do We Build Better Buildings?
Thursday, May 19, 2022 -
8:00am to 10:00am



**The Association of
Energy Engineers
Northern Ohio Chapter**

Check out [AEE Northern Ohio's Meetings](#)

Upcoming Event:
FINDING COMPRESSED AIR LEAKS
5/11/22 at 11:30am – 1:30pm

OUR CHAPTER IS LOOKING FOR GREAT LOCAL PROJECTS



In case you missed it, society's latest award winners were just published in the ASHRAE Journal. If you want recognition for your excellent project, contact us!

CLEVELAND ASHRAE SCHOLARSHIP

If you know of someone who is actively attending college to earn a mechanical or architectural-engineering degree at a Northeast Ohio University or out of the area, but is from the Northeast Ohio area, please point them in a direction of a Sal Traina Scholarship possibility. The intent of this scholarship is to help those engineering students seeking to someday make a career in the HVAC consulting/engineering/sales businesses get through the financial struggles of a higher education.

Applications can be found on the Cleveland ASHRAE Website and e-mailed to kborah@karpinskieng.com.

If you have any questions, please feel free to contact **Ken Borah at 216-391-3700**.



This year's (69th Annual) [Northeastern Ohio Science and Engineering Fair](#) was virtual for the second time in two years.

According to our chapter's Science and Engineering fair team chair, the virtual presentations from the students progressed greatly compared to the year before. The number of submitted projects were down, but the quality had definitely improved.

The Cleveland Chapter awarded three prizes this year. The Award Ceremony was live-streamed on March 17th, 2022.

Here are the award winners and the project name:

First Prize: ASHRAE Certificate and \$ 125.00 check
Amaan Siddiqi, ENG 7-8 Grade-Lake Ridge Academy

“Creating an Electromechanical transducer”

Second Prize: ASHRAE Certificate and \$ 75.00 check
Siya Lakireddy, ENG 7-8 Grade-Birchwood Elementary School

“Filtering Heavy Metals in Water Using Biosorption”

Third Prize: ASHRAE Certificate and \$ 50.00 check
Oliver Wilson, PHY 7-8 Grade-Communion of Saints
Elementary School

“How Does Color Affect Heating By Absorption of Light”





Government Affairs Update



Our **Cleveland Chapter Government Affairs Committee (GAC)** is comprised of Rob Laneve as our Chair and Anand Natarajan and Coral Pais as committee members.

The GAC committee is responsible for organizing ASHRAE members to educate local, state, and national government bodies and officials in areas of interest to ASHRAE members, and to promote effective cooperation between ASHRAE members and government. This might involve updates relative to energy standards, ventilation guidelines, refrigeration safety, or other areas related to how ASHARE impacts buildings.

As a local chapter member, if you are interfacing with local code officials or are aware of government issues, please submit the information to the attention of **Rob Laneve** (rob.laneve@aircontrolproducts.com).

For additional information on any of the highlights below, please visit the ASHRAE website, **GAC page**: (<https://www.ashrae.org/about/government-affairs>). Or subscribe to the **GAC bi-weekly update** found at the link above.

Here are a few of our local chapter accomplishments this year:

- Coral Pais has initiated establishing communication with representatives from the Sustainability Committee at the City Cleveland's City Council. We want to discuss ideas/ways in which we can accelerate energy efficiency of commercial buildings. As many other cities are enacting mandatory benchmarking and performance standards, we think this might be a good time for a conversation with Cleveland officials.
- The Cleveland GAC is working on developing stronger relationships with local code officials. We want to include code officials into our email announcements, try to arrange a combined chapter meeting, and also maintain a database of code officials.
- And don't forget our on December 1, 2021 meeting with code officials where we introduced them to ASHRAE Society President Mick Schwedler.

**ASHRAE MEMBERSHIP
PROMOTION GOLF OUTING
INFO/DIRECTIONS**



Tuesday, June 7, 2022

Sugar Bush Golf Club

11186 SR 88 · Garrettsville, OH 44231

P 330.527.4202

TOURNAMENT GOLF WILL BE PLAYED
Limited to 120 golfers

8:30 AM	Registration Begins
9:00 AM	Shotgun Start
2:30 PM	Cocktails
3:00 PM	Steak Dinner/Prizes

Lunch will be provided at your turn between holes 9 & 10, or 18 & 1

We are
playing for the
prestigious
**GARDINER
TROPHY**

**New members golf & dine for FREE with receipt of new membership registration within two weeks prior to event.
Non-members are welcome.**

Contact Ken Borah @ 216-789-5115 or 1kennyb.1969@karpinskieng.com to donate Door Prizes!

This event proudly
supports the
scholarship fund so
graciously started by
Mr. Sal Traina.

Thanks to all, in
advance, for your
continued support of
ASHRAE Cleveland.

Directions from Akron:

Take I-76 E to SR 5/44 N toward Ravenna.

Take 14 W/44 N.

Take right at second traffic light (which is SR 88 N).

Travel on SR 88 N for about 15 miles.

Golf course will be on the right hand side.

Directions from Cleveland:

Take 480 E/271 Interchange to 422 E toward Solon.

Travel 422 E to Mumford Rd.

Turn right onto Mumford Rd.

Continue on Mumford until it dead-ends into SR 88 S.

Turn right onto SR 88 S.

Travel 1.5 miles and the golf course
will be on the left hand side.



ASHRAE MEMBERSHIP PROMOTION GOLF OUTING SIGN-UP



TUESDAY, JUNE 7, 2022
SUGAR BUSH GOLF CLUB

	<u>Name</u>	<u>Company</u>	<u>Member (y/n)</u>
Team Captain (Sponsor)	_____		
Player No. 2	_____		
Player No. 3	_____		
Player No. 4	_____		

For each additional foursome please complete an additional registration

Golf & Dinner _____ x \$110/person = _____

Dinner Only _____ x \$35/person = _____

Sponsor a Hole _____ x \$100 = _____

(All signs will be provided by the Cleveland Chapter)

Name on Sign _____

Beverage Donation = _____

Cash donation to the Sal Traina Scholarship Fund = _____

Advanced 50/50 Raffle Tickets (7 for \$5) _____ x \$5 = _____

(tickets will be 5 for \$5 on the day of event) (7 tickets)

TOTAL = _____

Make Checks Payable To (note new payee): **SAL TRAINA ASHRAE SCHOLARSHIP FOUNDATION**

Mail Payment To: CLEVELAND ASHRAE GOLF OUTING

c/o Karpinski Engineering

Attn: Deb Coch

3135 Euclid Avenue

Cleveland, Ohio 44115

New members golf & dine for free with receipt of new membership registration within two weeks prior to event.

A receipt of new membership registration must be received on or by the day of the event. Potential members can sign up at www.ashrae.com.



CHAPTER CALENDAR



2021

August 23

Research Golf Outing

Location: Weymouth Country Club

September 20

Infrared Heater Application and Design

Speaker: Kevin Mahoney, Roberts Gordon

Location: Harry's Steakhouse & Webinar

October 18

Air Distribution Design and Strategies

Speaker: Sandrine Delaquis, Price

Location: Webinar Only

November 15

Field Trip SMACNA Training Center

Speaker: N/A

Location: Cleveland JATC – Parma, Ohio

December 1

ASHRAE Society President Chapter Visit

Speaker: Mick Schwedler, P.E., Fellow ASHRAE

Location: Harry's Steakhouse

2022

January 19

Current and Future Refrigerants

Speaker: Mihir Nandkeolyar, Johnson Controls

Location: Webinar Only

February 21

Fluid Controls

Speaker: Kirk Phipps, Hays Fluid Controls

Location: Webinar Only

March 21

Joint meeting with AIA

Speaker: Dr. Theresa Weston

Location: Virtual Meeting

April 18

Engineering Ethics

Joint meeting with ASPE

Speaker: Tim Wentz, ASHRAE Distinguished Lecturer

Location: Holiday Inn, Rockside

May 16

Tour – Joint AIA-ASHRAE Hard Hat Tour

Speaker: N/A

Location: Cleveland Museum of Natural History

June 7

Membership Promotion Golf Outing

Location: Sugar Bush Golf Club



Chapter Suggestion Box

Have an idea for a great session?

OR

Would like to present to the chapter?

E-MAIL IDEAS TO INFO@CLEVELANDASHRAE.ORG