

Upcoming Events

Wednesday, March 13<sup>th</sup>, 5:30 pm – 8 pm

- Monthly Meeting

A message from Ms. Gena Knight,  
SWFL ASHRAE President

Greetings SWFL ASHRAE,

As we continue to enjoy the beautiful weather that Southwest Florida, I wanted to share some ways to take ASHRAE with you on the go – podcasts! ASHRAE Journal Podcast is in its fifth season of covering conversations between experts to assist HVAC engineers with professional and industry development. Hot Air is another ASHRAE podcast hosted by ASHRAE Journal Editor, Rebecca Matyasovski and features brief discussions with authors of featured journal articles. These podcasts may be found directly on the ASHRAE website or your favorite podcast listening platform such as Spotify, Apple Podcasts or Google Podcasts.

Thank you for your time and your continued support of SWFL ASHRAE.

- Gena Knight

SWFL Chapter President 2023-2024



**SWFL ASHRAE Chapter Meeting Announcement**

Young Engineers in ASHRAE (YEA) Night!

**Date:** Wednesday, March 13th, 2024

**Location:** Dave & Busters at Belltower Shops

**Start Time:** 5:30 p.m. to 6:30 p.m.      Networking  
6:30 p.m. to 8:00 p.m.      Dinner meeting and main program

**Cost:** COST: \$35.00 PER ATTENDEE – RESERVATIONS ARE A MUST  
NO COST FOR COLLEGE STUDENTS WITH A VALID STUDENT I.D.  
Pre-Pay via [www.paypal.com](http://www.paypal.com) to [swfl.ashrae@gmail.com](mailto:swfl.ashrae@gmail.com)  
RSVP by 12MAR24 via the following link:  
[https://docs.google.com/forms/d/e/1FAIpQLScJ7xClpSr3ns79Dr0dByt-E\\_vhHptUVR1fwsVDahlyV1XFPw/viewform](https://docs.google.com/forms/d/e/1FAIpQLScJ7xClpSr3ns79Dr0dByt-E_vhHptUVR1fwsVDahlyV1XFPw/viewform)

For Last-Minute RSVPs, please email [casey.hazen@trane.com](mailto:casey.hazen@trane.com) We will try to accommodate on a case-by-case basis.

Main Program:

**Financial Market Analysis & Discussion**

We've got a special treat in store for you all this week! You are invited to join us to hear insights on today's most critical economic and investment topics from Stef Altschuler, Client Advisor, J.P. Morgan Asset Management. Using the most recent edition of J.P. Morgan Asset Management's Guide to the Markets, Stef will share thoughts on the current economic landscape and outlook for 2024, discuss key drivers and trends taking place in the markets and answer your most pressing questions.

Presenter:

**Stefanie Altschuler**

Stefanie Altschuler is the JPMorgan South Florida Client Advisor providing JPMorgan's research and solutions to financial advisors in the region. Stef has been with JPMorgan for 10 years, and prior she worked as an Institutional Fixed Income broker at ICAP in New York. Stef graduated with a B.S. in Finance and Accounting from the University of Miami. She holds series 7 and 63 licenses as well as the CIMA® designation.

Upcoming ASHRAE Meetings (Topics TBD)

March 13<sup>th</sup>, Dinner

April 10<sup>th</sup>, Lunch

May 8<sup>th</sup>, Dinner

## Refrigeration – Jeff Brooks

### New Air-Conditioning Technology Could Be the Future of Cool



By  
[Lauren Leffer](#)

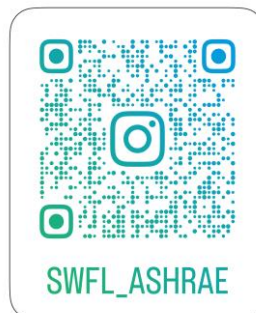
This past July was the hottest recorded month in human history. Heat waves smashed temperature records worldwide and even brought summer temperatures to Chile and Argentina during the Southern Hemisphere's winter. It's more than just a matter of sweaty discomfort. Severe heat is the deadliest of all weather events; in the U.S. alone, it kills more people each year than floods, tornadoes and hurricanes combined. As climate change worsens, access to artificially cooled spaces is rapidly becoming a health necessity – and an issue of basic human rights.

Yet standard air-conditioning systems have ensnared us in a negative feedback loop: the hotter it is, the more people crank the AC – and the more energy is used (and greenhouse gases are emitted) as a result. “We’re in a vicious cycle,” says Nicole Miranda, an engineer researching sustainable cooling at the University of Oxford. And “it’s not only a vicious cycle, but it’s an accelerating one.” Cooling is the fastest-growing single source of energy use in buildings, according to 2018 data from the International Energy Agency (IEA). Following a business-as-usual scenario, the IEA projects that worldwide annual energy demand from cooling will more than triple by 2050. That’s an increase of more than 4,000 terawatt-hours, which is about how much energy the entire U.S. uses in a year.

[Read More](#)

## ASHRAE Social Media

Follow us on Instagram!



## Student Activities – Gary Devore

### Upcoming Events:

Scheduled Technical Tour at B&I Office

- ❖ Cypress Lake HS – March 26<sup>th</sup> – 10:00am – 12:00pm - Stem@Work

### Completed Technical Tours at B&I Office – Thanks to all who Volunteered

- ❖ Island Coast HS – October 11<sup>th</sup> - 21 Students/3 Teachers Attended
- ❖ Dunbar HS – November 15<sup>th</sup> - 23 Students/3 Teachers Attended
- ❖ Riverdale HS – January 18<sup>th</sup> - 11 Students/4 Teachers Attended



Our focus on STEM began with the notion that students need more opportunities in the areas of Science, Technology, Engineering, and Math related fields. The National Science Foundation estimates that 80% of the jobs created in the next decade will require some form of math and science skills.

Our STEM Initiatives are a collaboration between the Foundation and the School District of Lee County. Funded through the generosity of our business partners, this initiative offers students the opportunity to participate in field trips and internships, as well as experience hands-on activities through partnerships with businesses in the community. Check out more information at: <https://leeschoolfoundation.org/>

### Student Training & Advocacy Mentoring Partnership (STAMP)

Realizing the great impact that mentors have on students, The Foundation has implemented the Student Training & Advocacy Mentoring Partnership (STAMP). STAMP is a program that offers students the opportunity to achieve success by providing them college and career planning resources and volunteer mentors to give students assistance, guidance, motivation, and accountability to work hard and to ensure they graduate from high school to continue their education either through technical training or earning a college degree. It is a multi-year commitment for at-risk high school students to invest in their future and increase the high school graduation rate and post-secondary educational opportunities.

The STAMP program strives to accommodate eligible students, match them with mentors, and assist them in acquiring scholarships and grants to cover the cost of attending college or other post-secondary training. Students and their families, mentors, school coordinators, and Foundation staff all work together through the STAMP program and are instrumental in helping students pursue their post-high school education and career goals. Students will also be able to attend STEM@work events to learn about local businesses.

Scan the QR Code To Apply To STAMP!



## Membership Promotion – Sidney Feldman

Please take the time to welcome our new chapter member, Trevor John Citek. We hope to see Trevor at an upcoming meeting.

## Government Affairs – James Martin

### ASHRAE Submits Comments in Response to RFI on National Definition for a Zero Emissions Building

In response to a request for comments from the White House Climate Policy Office through the U.S. Department of Energy, ASHRAE responded to questions and provided recommendations to the Administration. ASHRAE's Task Force for Building Decarbonization played a critical role in these responses, including suggesting clarifications on its reference to Standard 90.1, recommending definitions included in ANSI/ASHRAE Standard 228, *Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance*, and recommending the application of Standard 90.2 for construction of new homes and Standard 100 for existing homes. ASHRAE also recommended the Administration align its definition with international definitions, and urged coordination and collaboration with ASHRAE on development of new standards, including Standard 242P, *Standard Method for Calculation of Building Operational Greenhouse Gas Emissions*. ASHRAE's full responses can be found [here](#).

### ASHRAE Submits Letter to Illinois Senate Appropriations Committee on Indoor Air Quality

On January 30th ASHRAE President Ginger Scoggins submitted a letter regarding Illinois House Bill 3713 to the IL Senate Appropriations Education Committee Chair and Vice Chair, Senator Meg Cappel and Senator Kimberly Lightford. The letter expressed support for the goals of the legislation, which if enacted and funded would see air quality monitoring equipment and air cleaning equipment put into IL schools. ASHRAE's letter also emphasized the role that ASHRAE standards can play in developing indoor air quality rules and regulations in the state. This legislation has passed the IL House of Representatives and is now in the IL Senate, where a favorable vote will send the bill back to the House for concurrence and then on to the Governor for signature into law. The letter from President Scoggins can be read [here](#).

## February 2024 Lunch Meeting



**ASHRAE**

### ASHRAE Merchandise

Shop your favorite ASHRAE logo merchandise below. From hats and polos to car magnets and tumblers, we have all the gear you need to show off your ASHRAE pride.

Regions and Chapters are welcome to email [merchandise@ashrae.org](mailto:merchandise@ashrae.org) with questions about ordering items at-cost or in bulk if stock is available.

[Get Your Merch Today!](#)

### Featured Jobs

- ❖ Facilities Engineer
- ❖ Systems Engineer II (Business Analyst)
- ❖ Energy Efficiency Engineer
- ❖ Systems Engineer III (Emerging Technologies)
- ❖ Engineer, Senior Controls System
- ❖ Senior Mechanical Engineer
- ❖ Lead HVAC Technician (Senior Building Equipment Mechanic)
- ❖ Electrical Engineer
- ❖ Research Analyst (Operations Research)
- ❖ Manufacturing Engineer



[Apply Here](#)

## Everblades Game and Poker Night



Thank you to our 2023-2024  
Annual Sponsors!

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**2023-2024 Gold Sponsors**



**2023-2024  
Silver Sponsors**



**2023-2024  
Bronze Sponsors**





**August, 2023**

**From: ASHRAE Southwest Florida Chapter**

**Subject: ASHRAE Southwest Florida Sponsorship Opportunities for 2023-2024**

The ASHRAE Southwest Florida Chapter RP fund-raising events are excellent sponsorship opportunities. Your company reaches many key decision makers and sends a strong message of supporting the research that the community relies upon for comfort and sustainability.

The Southwest Florida Chapter is continuing to make sponsorships even easier by offering levels that include the promotion of your company at all chapter events! If you are unable to contribute at one of these levels, sponsorship opportunities for the Golf and Fishing tournaments will be offered separately before each event!

Go To: <https://www.swflashrae.org/sponsorship> for an on-line payment option!

## Annual Sponsorship Levels

### **Diamond Level - \$6,000 (Savings: \$825)**

**\*One Available\***

- "Happy Hour" Sponsorship - One drink ticket per attendee with sponsor's logo (Value: \$2,000)
  - Swag distribution during happy hour by reception chair (Value: Priceless)
- Golf Tournament: Gold Sponsorship Package (Value: \$1,750)
  - (8) Player Entries, (1) Tee Sponsorship, (1) Flag Sponsorship, (8) Mulligans, (1) Arm Length Raffle, (8) Putting Contest Entries
- Fishing Tournament: Gold Sponsorship Package (Value: \$500)
  - (4) Entries, Company Logo on Shirt, and special recognition
- Tech Topic Presentation (Value: \$250)
- A Complimentary Fishing Charter (Value: \$1,000)
- (15) Monthly Meeting Tickets (Value: \$525)
- (2) Meeting Sponsorships (Value: \$500)
- Signage at each monthly meeting (Value: \$100)
- (10) Yeti Raffle Tickets (Value: \$100)
- Logo on Monthly Newsletter (Value: \$100)

**SOLD!!!**

### **Gold Level - \$3,000 (Savings: \$300)**

- Golf Tournament: Gold Sponsorship Package (Value: \$1,750)
  - (8) Player Entries, (1) Tee Sponsorship, (1) Flag Sponsorship, (8) Mulligans, (1) Arm Length Raffle, (8) Putting Contest Entries
- Fishing Tournament: Gold Sponsorship Package (Value: \$500)
  - (4) Entries, Company Logo on Shirt, and special recognition
- Tech Topic Presentation (Value: \$250)
- (10) Monthly Meeting Tickets (Value: \$350)
- (1) Meeting Sponsorships (Value: \$250)
- Signage at each monthly meeting (Value: \$100)
- Logo on Monthly Newsletter (Value: \$100)

### **Silver Level - \$1,500 (Savings: \$175)**

- Golf Tournament: Silver Sponsorship Package (Value: \$1,000)
  - (4) Player Entries, (1) Tee Sponsorship, (4) Mulligans, (1) Arm Length Raffle, (4) Putting Contest Entries
- Fishing Tournament: Silver Sponsorship Package (Value: \$300)
  - (2) Entries, Company Logo on Shirt
- (5) Monthly Meeting Tickets (Value: \$175)
- Signage at each monthly meeting (Value: \$100)
- Logo on Monthly Newsletter (Value: \$100)

### **Bronze Level - \$1,000 (Savings: \$150)**

- Golf Tournament: Tee Sponsorship (Value: \$500)
- Fishing Tournament: Bronze Sponsorship Package (Value: \$200)
  - (1) Entry, Company Logo on Shirt
- (2) Entries in either Golf or Fishing Tournaments (Value: \$250)
- Signage at each monthly meeting (Value: \$100)
- Logo on Monthly Newsletter (Value: \$100)

### **Officers 2023-2024**

**President**

Gena Knight

**President Elect**

Casey Hazen

**Secretary**

Kathleen Simpson

**Treasurer**

Woody Wilson

**Board of Governors**

Bill Malphus

Pat Graef

Robin Bryant

Jason Hardman

**Research Promotion**

Tony Amitia

**Membership Promotion**

Sidney Feldman

Golf and Fishing Tournament Flyers will be distributed ahead of each event if you are interested in event-specific sponsorship packages.

**If you wish to be a 23-24 ASHRAE Sponsor or have any questions about the process please reach out to:**

**Tony Amitia  
(239)470-5036  
tamitia@bandiflorida.com**

**We greatly appreciate your assistance and support.**



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