

Upcoming 2021 Events:

January 19th, 2021 – Dinner Meeting
February 16th, 2021 – Dinner Meeting
February TBD, 2021 – YEA Event
March 5th, 2021 – Golf Tournament
March 16th, 2021 – Dinner Meeting
April 9th, 2021 – Shrimp Boil
May 1st, 2021 – Fishing Derby
May 18th, 2021 – Dinner Meeting
June 15th, 2021 – Virtual Meeting

PRESIDENT'S MESSAGE

Happy Holidays and Happy New Year from your Florida West Coast ASHRAE board!

We hope you are enjoying this holiday season. Our Board has wrapped up this 2020 season of activities and are excited to begin 2021 next month. Thank you for your continued support of our chapter. The virtual turnout for November's guest distinguished lecturer and ASHRAE



president Chuck Gullede was good. We have no chapter meeting in December but we will resume meetings in January. Look for the notices for date and venue. We meet on the third Tuesday of each month. Signups will be available online on our website. PDH hours will continue to be available for our meetings.

Big thanks to everyone that came to support our chapter's research and promotion activities at the 11th annual Clayshoot at FishHawk Sporting Clays. We raised more funds than in previous years and are working our way towards exceeding our annual goals.

Our annual Christmas party and toys for tots drive was a success with a couple large loads of toys being collected for the kids. Thank you to all who came out to support our chapter.

We hope to fill 2021 with our typical meetings and events. Dinner meetings, Golf Tournament, Shrimp Boil, more YEA and WiA events, student activities events and scholarships, GAC day on the hill, another refrigeration event and the new added Fishing Derby in May to finish off our ASHRAE season. Student Activities events for our USF Student Branch will be picking up. If you are a FWC student member of ASHRAE, please check with your student branch for information on Scholarships available to our students from the Florida West Coast Chapter. Students get free admission to our chapter dinner meetings as well.

Additionally for 2021, we are raffling off a Jetski + trailer. One lucky winner to be picked at the April Shrimp Boil. Look to that flyer for information and details on how to enter and win!!

Check our website and all of our social media platforms for information on past and future events. Reach out to a board member and say hi. Post your selfies. Thank you all for sticking with us and for all of your support and contributions to our chapter of ASHRAE!

Timothy N Theriault
FWC Chapter President 2020-2021
timothy.theriault@tlc-eng.com

[In This Issue: Control+Click to View Page](#)

PRESIDENT'S MESSAGE	1
GOLF TOURNAMENT	2
FISHING DERBY	2
JET SKI & TRAILER RAFFLE	3
CLAYSHOOT	4
ASHRAE REFRIGERATION AWARDS	6
FLORIDA WEST COAST HONORS AND AWARDS	7
SOCIAL MEDIA PRESENCE	7
MEMBERSHIP PROMOTION	8
ASHRAE CERTIFICATION	9
BUILDING EQ ARTICLE	10
RESEARCH PROMOTION	11

GOLF TOURNAMENT

We are excited to announce the date for the annual ASHRAE Golf Tournament! The Golf Tournament will be held March 5th, 2021 at the Eagles Golf Course.

[Click HERE for Flyer](#)

FISHING DERBY

We are excited to announce the FIRST Annual ASHRAE FWC Fishing Derby! The Fishing Derby will be held on May 1st, 2021 at the Hula Bay Club. A great day of fishing and fellowship.

Contact Tim at timothy.theriault@tlc-eng.com or Tyler at towens@carrollair.com for more information.

[Click HERE for Flyer](#)

JET SKI & TRAILER RAFFLE

YES, you read correctly, the Florida West Coast Chapter is raffling off a 2021 Sea-Doo Spark Jet Ski and Magic-Tilt Trailer!!!!!!!!!!!!

You do not want to miss this opportunity, click the flyer below for details and links to purchase tickets. Raffle prizes will be drawn on 4/9/2021 at the Annual Shrimp Boil at the Davis Island Garden Club (you do not have to be present to win!)

Please visit our website <http://www.ashrae-fwc.org/events/jetskiraffle/> or contact Tom Morgenthau at tmorgenthau@powerdesigninc.us or (603) 852-2252 for more information.



ASHRAE Florida West Coast Chapter

WIN A 2021 SEA-DOO JETSKI AND TRAILER!

RAFFLE TICKETS
\$20 EACH
3 TICKETS FOR \$50
7 TICKETS FOR \$100

PURCHASE TICKETS AT
WWW.ASHRAE-FWC.ORG
OR CONTACT
TOM MORGENTHAU
TMORGENTHAU@POWERDESIGNINC.US
603-852-2252

DRAWING WILL TAKE PLACE 4/9/2021, 7PM AT THE ANNUAL SHRIMP BOIL IN DAVIS ISLAND GARDEN CLUB

THIS SEA-DOO IS WAITING FOR YOU!

*Disclaimer: A raffle for a new 2021 Sea-doo Spark and trailer is being conducted by ASHRAE Florida West Coast, a 501(c)(3) non-profit organization located in Tampa, Florida. The winning ticket will be drawn at 7pm EDT on April 9, 2021 at the Annual Shrimp Boil in Davis Island Garden Club, Tampa, Florida. Winner need not be present to win. All proceeds from the raffle benefit ASHRAE Florida West Coast, a 501(c)(3) non-profit organization. Winner must be 18 years or older and affiliated with ASHRAE. Raffle tickets will be available at the Shrimp Boil until 5pm EST Friday, April 9, 2021. Tickets will also be available on-line at <https://www.ashrae-fwc.org> until 3pm EST Friday April 9, 2021. Winner will be promptly notified of the drawing by phone. If failure to contact winner within 72 hours of the drawing occurs, another winner will be drawn. Void where prohibited. No purchase necessary. Participants agree to release, discharge and hold harmless ASHRAE Florida West Coast, participating radio stations, radio programs, parent, subsidiary and affiliated companies, and their respective officers, directors, employees, agents and representatives, against any claim, liability or expense arising from participation in the raffle and/or acceptance or use of any prize. Must be a legal U.S. resident of the Continental U.S. to be eligible to win the PWC. Winner is responsible for taking local delivery of the PWC at Barney's St Petersburg.

CLAYSHOOT

Pretty good turnout for our 11th annual Clayshoot yesterday at FishHawk sporting clays. Thanks to everybody that showed up. Thanks to our sponsors and teams!!






ASHRAE REFRIGERATION AWARDS

Tom Morgenthau – Refrigeration Chair

Congratulations to the Tampa Bay Lighting! What a win! Speaking of ice time, we would like to recognize our Florida West Coast Chapter members with a refrigeration award on a project that you

have designed. If you have recently designed a  project, please tell me about it (tmorgenthau@powerdesigninc.us) and I will get them entered for recognition! See below for specifics of each award.

Introducing the ASHRAE Refrigeration Awards: Milton W. Garland Commemorative Refrigeration Award for Project Excellence Refrigeration Comfort Cooling Award for Project Excellence

The Refrigeration Committee of ASHRAE seeks to promote refrigeration education and development at all levels of the society. As a part of these activities, the Committee can recognize and honor two projects annually for excellence. These two awards are the Milton W. Garland Commemorative Refrigeration Award and the Refrigeration Comfort Cooling Award.

The Milton Garland and the Comfort Cooling awards are given to project designers and owners to recognize innovative concepts, incorporation of new technologies, or solutions to complex refrigeration problems. These awards communicate innovative solutions to other ASHRAE members and highlight the technical achievements of ASHRAE members to associated professionals, other societies, and other refrigeration facility owners.

For each winning award the project's designer receives a plaque at ASHRAE's winter meeting. The winning project is described in the printed program along with the names of the awardees. The project's owner is honored with a plaque at a refrigeration program meeting of the local ASHRAE Chapter. And the local Chapter receives a felt patch to go on its award banner. Winning projects are announced in Insights, the ASHRAE Newspaper; and a news release is developed and distributed to the Chapter and award recipients for use in other publications and media. Documentation accompanying the winning projects is also made available to ASHRAE's Journal.

Refrigeration plays a critical role in the health, safety, and comfort of humanity. Sharing inventive solutions and technological developments ensures that the refrigeration field continues to advance in meeting these needs. Participation in these Award competitions brings peer recognition to innovative projects, recognizing the commitment made by owners and the technical proficiency of the project design team. Additional information can be found at the ASHRAE web site www.ashrae.org/refrigeration.

FLORIDA WEST COAST HONORS AND AWARDS

Tom Morgenthau – Honors and Awards Chair

Now that the Chapter Regional Conference is complete, a lot of great work has been done to outline this upcoming year. Along with this work, several members of Florida West Coast were recognized for their outstanding service to our chapter in the form of a Chapter Service Award. These individuals have demonstrated a strong commitment over the years to the Florida West Coast Chapter and we would like to congratulate and thank you for your service!

CHAPTER SERVICE AWARD RECIPIENTS

Jason Proctor – Past President 2012-2013

Joe Cox – Past President 2015-2016

Mike Costello, PE – Past President 2016-2017

Isaac Crimm, PE – Past President 2017-2018

Ethan Grabill – Past President 2018-2019

SOCIAL MEDIA PRESENCE

Please check out our social media pages for event dates, pictures, live feeds, general information, and networking!! ASHRAE FWC and YEA FWC have their own social media sites. Links below.



ASHRAE FWC Facebook - <https://www.facebook.com/ashraefloridawestcoast/>



ASHRAE FWC Twitter - <https://twitter.com/ashraefwc>



ASHRAE FWC LinkedIn - <https://www.linkedin.com/groups/8572961/>



YEA FWC Facebook - <https://www.facebook.com/yeafwc>



YEA FWC Twitter - https://twitter.com/yea_fwc



YEA FWC Instagram - https://www.instagram.com/yea_fwc/

MEMBERSHIP PROMOTION



We are thankful for your membership and your referrals continue to be the top reason new members join! In an effort to keep the momentum going, we invite you to Connect-a-Colleague with ASHRAE today.

[Connect-a-Colleague Now](#)

It takes less than one minute, and there is no need to login. Just enter your name & email address, and your colleague's name & email address, and press send. That's it!

As an ASHRAE member, your referral is a very powerful tool that can benefit your colleagues, your Society, and the HVAC&R industry. **THANK YOU** again for doing your part to help the Society grow.

[If your ASHRAE Membership expired or expires soon.](#)
[Click here to Renew Online](#)

[Get To Know ASHRAE](#)

For questions about Membership contact **Courtney Araiza** at caraiza@envelopgroup.com

ASHRAE CERTIFICATION

As we advance the awareness of ASHRAE to all, we urge everyone to take advantage of the benefits that the ASHRAE society has to offer. There are Certifications available to benefit your credentials. Highlighted in this issue is the ASHRAE BEMP. From ASHRAE.org:

BEMP - Building Energy Modeling Professional Certification



ASHRAE has certified more than 2,500 professionals who have demonstrated their knowledge and expertise in the HVAC&R industry. Gain a competitive edge by earning an ASHRAE certification in building energy modeling. Developed with the participation of the U.S. affiliate of the International Building Performance Simulation Association (IBPSA-USA) and the Illuminating Engineering Society (IES), the BEMP certification, an ANSI-Accredited Personnel Certification Program under ISO/IEC 17024 – Accreditation #1139, validates competency to do the following:

1. Model new and existing building and systems with the full range of physics,
2. Evaluate, select, use, calibrate and interpret the results of energy modeling software where applied to building and systems energy performance and economics.
3. Demonstrate competency in critical energy modeling knowledge, skills and abilities,
4. Elevate your reputation among peers, in the workplace and among clients,
5. Comply with local, state and federal requirements,
6. Conduct Building Energy Quotient (bEQ) As Designed ratings.

Visit ASHRAE's Society page for additional information and to apply for your BEMP:

<https://www.ashrae.org/education-certification/certification/bemp-building-energy-modeling-professional-certification>



ASHRAE's Building EQ Portal provides a quick energy analysis that benchmarks a building's energy performance. Building EQ assists in the preparation of an ASHRAE Level 1 Energy Audit to identify means to improve a building's energy performance including low-cost, no-cost energy efficiency measures and an Indoor Environmental Quality survey with recorded measurements to provide additional information to assess a building's performance.

Two different evaluations can be used independently to compare a candidate building to other similar buildings in the same climate zone or together for an assessment of a building's design potential compared to actual operation:

In Operation compares actual building energy use with metered energy information.

As Designed compares energy use based on the building's physical characteristics and systems with standardized energy use simulation.

Building EQ Portal

The new Building EQ Portal is now available for the In Operation evaluation. The As Designed evaluation will be available soon.

- Online data entry and submission process
- Metered energy data exchange from ENERGY STAR™ Portfolio Manager
- Median EUI calculation aligned with ENERGY STAR™
- Building EQ Performance Score visible to all users on the main input screen at all times
- Redesigned label shows Building EQ Performance Score on a barometer/scale. No more letter grades!
- Standard reports can be automatically generated by credentialed users
- Improved submission approval process
- Help and validation information is built into the system

Learn more on how to access the portal, initiate a project, and begin a submission:

<https://www.ashrae.org/technical-resources/building-eq/building-eq-portal>

RESEARCH PROMOTION - Research Investors NEEDED!

ASHRAE Research funds thousands of projects addressing topics such as sound, duct design, the effect of oil refrigerants, load calculations, thermal conductivity, simplified energy analysis procedures, weather data, refrigerant property data, fire and smoke control, and solar design. The most significant ASHRAE research is in the areas of human comfort and the properties of materials and systems used in buildings and refrigeration systems.

How does ASHRAE Research help my health?

- Prevent more than 70,000 surgical site infections that occur each year
- Decrease the spread of airborne diseases
- Improving cancer treatment methods

How does ASHRAE Research help me in the workplace?

- Conserve energy in hot and humid climates
- Select boilers for efficient heat use
- Allow drifting temperatures to save energy

How does ASHRAE Research help me in my home and my children at their school?

- Exploring whether temperature and air quality improve the performance
- Understanding the relationship between occupant health and ventilation rates
- Evaluating how food preservation is influenced by storage conditions

Whether it's improving the work setting in an office building to increase productivity or providing guidelines for emerging technologies, ASHRAE Research helps engineer the world we live, creating better indoor and outdoor environments around the globe.

This would not be possible without the individuals and organizations that have chosen to support ASHRAE's vision with their financial contributions. To continue our progress, we need your support as well. To make a donation to ASHRAE Research, please click the link below:

Click [HERE](#) to Contribute to ASHRAE Research Today

ASHRAE Research Investors 2020-2021			
Individual Investors <small>HR = Honor Roll participants \$100 min</small>		Company Investors <small>HR = Honor Roll participants \$250 min</small>	
Tyler Owens, PE	\$1,000		
Dominic Cacolici, PE	\$100		
William Johnson, Jr	\$100		
Tom Morgenthau, PE	\$100		
Daniel Rogers, PE	\$500		
Jason Proctor	\$100		
Ben Hair	\$150		
Christen Quintana	\$100		
Ross Montgomery	\$100		
Ashley Bence	\$150		
Courtney Araiza	\$100		
Colleen Smith	\$100		
Dan Rogers	\$500		
Tim Theriault	\$152		
Zach Loyacono	\$100		
Thomas Williams	\$250		
Mike Costello	\$150		
Updated 10-28-2020			Florida West Coast Chapter \$8,070
Current Campaign Total - \$11,822.00 Campaign Goal - \$23,250			50.8% of Goal Money Required for Goal - \$11,428.00

NEWSLETTER & WEBSITE SPONSORSHIPS - Sponsors NEEDED!

The Florida West Coast Chapter of ASHRAE was chartered in February 1956 to promote industry standards and best practices at the local level. The local chapter enjoys a strong meeting participation and generates operating revenue through chapter activities like the annual golf tournament, sporting clay shoot, and specialized learning opportunities with visiting lecturers. A large portion of the proceeds from these activities goes to establish and maintain various local college scholarships, to promote further interest in the HVAC engineering profession following graduation.

Along with the above-mentioned activities, our most valuable resource for generating operating capital remains sponsorships. Via its monthly newsletter and website, <http://www.ashrae-fwc.org>, the Florida West Coast Chapter of ASHRAE is a resource for its members, and can be an effective tool for promotion of your company, product, or service.

In each newsletter, the chapter officers contribute articles that focus on industry happenings, legislative changes, educational opportunities, and more. The current email recipient list is over 1,000 individuals. The chapter website is updated monthly, and includes information on upcoming events, event photographs, posts resumes and career opportunities, and contains useful links to industry resources. The website currently has over 48,320 individual IP computer hits since its launch in September 2013.

Please consider sponsoring the Florida West Coast Chapter of ASHRAE's newsletter and/or website. Your business card will be published multiple times per ASHRAE year in the emailed newsletters and can be updated at any time with a new copy if desired. Sponsorship on the website includes a business card on the sponsorship page and a link to your company website.

For the 2020-2021 year, the Chapter Board of Directors has decided upon the following rate as detailed below.

2020-2021 ASHRAE FWC Advertising Rates		
<i>(All Rates are for the ASHRAE Year - September 2020 through June 2021)</i>		
Ad Type and Size:	ASHRAE FWC Members Fee:	Non-Members Fee:
10 Monthly Newsletter Spots (Business Card Size) <i>Reaches over 1,000 people per month!</i>	\$100.00	\$150.00
10 Month Website Spots (Business Card and Link Included) <i>Website has over 48,000 hits!</i>	\$250.00	\$300.00
10 Monthly Newsletter and 10 Month Website Spots	\$300.00 <i>A savings of \$50.00!</i>	\$400.00 <i>A savings of \$50.00!</i>

Please indicate your interest in sponsoring us by responding to the email address below with your business card in either PDF or JPEG format. Please send payment to the address below made out to "ASHRAE Florida West Coast".

Thank you for considering ASHRAE Florida West Coast Chapter's newsletter and website in your marketing strategy!

towens@carrollair.com

Attn: Tyler Owens
ASHRAE Florida West Coast Chapter
3711 West Walnut Street
Tampa, FL 33607