

## Upcoming 2020 Events:

- October 20<sup>th</sup>, 2020 – Virtual Meeting with ASHRAE DL Dennis Knight
- October 22<sup>nd</sup>, 2020 – WiA Happy Hour at World of Beer
- October 28<sup>th</sup>, 2020 – YEA Tour of Big Storm Brewery
- November 12<sup>th</sup>, 2020 – Virtual Meeting with Society President Gullede
- November 13<sup>th</sup>, 2020 – Clayshoot at FishHawk Sporting Clays
- December 15<sup>th</sup>, 2020 – Holiday Party

## Upcoming 2021 Events:

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

## PRESIDENT’S MESSAGE

A great seasons greeting to all of you from your Florida WestCoast chapter of ASHRAE! This past weekend, our region completed the final day of its extended virtual chapter regional conference for 2020. Regional Business was conducted, motions were submitted, Caucuses recorded our votes, and Awards were given. We are moving forward this year with a full and exciting, enthusiastic board of governors. Thank you to everyone for making this experience of operating virtually be successful.



Thank you to our September virtual meeting speaker. This month for October, we welcome ASHRAE Distinguished Lecturer Dennis Knight to address our chapter with his presentation. In November ASHRAE society president Chuck Gullede will give his presidential theme at our virtual chapter meeting. Hope to continue to have great attendance.

Please support your [WiA] Women in ASHRAE and [YEA] Young Engineers in ASHRAE as they each host their first in person events in October to kick off the season. Sponsorship opportunities are available. The 11<sup>th</sup> Annual Sporting Clay shoot at FishHawk Sporting Clays is coming up fast. Proceeds go to ASHRAE research and promotion. We hope to start seeing people at all of these events.

The annual Holiday Party and Toys for Tots drive will commence in December. Dust off your ugly sweaters and join us. We hope to start being able to fellowship with you at all of these events. We will do what is possible to maintain social distancing guidelines and will monitor CDC for changes to our global situations. We hope to return to in person dinner meetings in January at Brio in International Mall.

As we experience the future of our ASHRAE chapter, I want to offer the opportunity for you to be of service to your fellow ASHRAE members. Please contact any of the board members with your ideas for the future of this distinguished Society/Region/Chapter and let us know if you have an interest in joining our board of governors and the committee positions that we have. Thank you again for all of your support.

Timothy N Theriault  
 FWC Chapter President  
[timothy.theriault@tlc-eng.com](mailto:timothy.theriault@tlc-eng.com)

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## **OCTOBER FREE VIRTUAL LUNCH MEETING**

Our presenter for the FREE October virtual lunch meeting is Mr.Knight who serves as a Director at Large on the ASHRAE Board of Directors and is an ASHRAE Fellow. The presentation will focus on Integrated Building Design and Project Delivery processes like BIM to improve the built environment through ASHRAE Applications Chapter 57.

This meeting is FREE and will be hosted via GoToMeeting on October 20th from 12 p.m. to 1:00 pm. You will receive the GoToMeeting information in your registration approved email.

[Click HERE for Flyer](#)

[Click HERE to RSVP](#)

## WiA HAPPY HOUR

Women in ASHRAE, WiA, will be hosting a happy hour on Thursday, October 22<sup>nd</sup> from 5:30 p.m. to 7:30 p.m. at World of Beer on the patio. They will be offering free drink tickets and appetizers to all attendees!

Check out the [ASHRAE FWC Website](#) to RSVP and view available sponsorships. You can also contact Kelsey Huntzinger at [k.huntzinger@emeraldme.com](mailto:k.huntzinger@emeraldme.com) or 813-484-3741 to RSVP and discuss sponsorships.

[Click HERE for Flyer](#)

A special thanks to our current Sponsors:

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### Platinum Sponsors

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### Gold Sponsors

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## YEA HAPPY HOUR – RESCHEDULED

Young Engineers in ASHRAE have rescheduled their FREE, now in-person, happy hour for Wednesday, Oct. 28th, 2020 at 5:30 pm to 7:00 p.m at Big Storm Brewing.

There will be a brewery tour following by a FREE happy hour. We'll be getting to know each other, chatting about upcoming events, and what we would like to accomplish this year!

Contact Gabby at [gdefreitas@onicon.com](mailto:gdefreitas@onicon.com) to RSVP; space is limited. Come out and support YEA!

[Click HERE for Flyer](#)

## CLAYSHOOT

The 11th Annual Florida West Coast Clay Shoot is around the corner! Clay Shoot will be held on November 13th at starting 12:00 p.m. with a catered lunch followed by 100 rounds of birdshot for every participant. There are plenty of spots for sponsorship!

Check out the [ASHRAE FWC Website](#) to RSVP and view available sponsorships.

[Click HERE for Flyer](#)

## 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](mailto:timothy.theriault@tlc-eng.com) or Tyler at [towens@carrollair.com](mailto:towens@carrollair.com) for more info.

[Click HERE for Flyer](#)

## 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](mailto: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](http://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](https://twitter.com/yea_fwc)



YEA FWC Instagram - [https://www.instagram.com/yea\\_fwc/](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](mailto: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		Company Investors										
HR = Honor Roll participants \$100 min		HR = Honor Roll participants \$250 min										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Tyler Owens, PE</td> <td style="width: 30%; text-align: right;">\$1,000</td> </tr> <tr> <td>Dominic Cacolici, PE</td> <td style="text-align: right;">\$100</td> </tr> <tr> <td>William Johnson, Jr</td> <td style="text-align: right;">\$100</td> </tr> <tr> <td>Tom Morgenthau, PE</td> <td style="text-align: right;">\$100</td> </tr> <tr> <td>Daniel Rogers, PE</td> <td style="text-align: right;">\$500</td> </tr> </table>	Tyler Owens, PE	\$1,000	Dominic Cacolici, PE	\$100	William Johnson, Jr	\$100	Tom Morgenthau, PE	\$100	Daniel Rogers, PE	\$500		<p>Florida West Coast Chapter      \$70</p>
Tyler Owens, PE	\$1,000											
Dominic Cacolici, PE	\$100											
William Johnson, Jr	\$100											
Tom Morgenthau, PE	\$100											
Daniel Rogers, PE	\$500											
Updated 10-1-2020	<p>Current Campaign Total - \$1,870.00 Campaign Goal - \$23,250</p>	<p>8.0% of Goal Money Required for Goal - \$21,380.00</p>										

## 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.

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

Attn: Tyler Owens  
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Tampa, FL 33607