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## Upcoming 2016/2017 Events:

October 18<sup>th</sup> – Dinner Meeting  
 November 7<sup>th</sup> – Mentoring Minds  
 November 11<sup>th</sup> – Annual Sporting Clay Shoot  
 December 5<sup>th</sup> – Mentoring Minds  
 December 13<sup>th</sup> – Holiday Happy Hour Party  
 January 12<sup>th</sup> – Tampa Bay Lightning Game  
 January 17<sup>th</sup> – Dinner Meeting  
 February 21<sup>st</sup> – Dinner Meeting  
 March 3<sup>rd</sup> – Annual Golf Tournament  
 March 21<sup>st</sup> – Dinner Meeting  
 April 18<sup>th</sup> – Dinner Meeting  
 May 19<sup>th</sup> – Annual Shrimp Boil, Past-President's Night

## For More Information:

Tom Morgenthau, PE – 603.852.2252  
 t.morgenthau@emeraldme.com  
<http://www.ashrae-fwc.org/>

## From the Desk of the President Michael A. Costello, PE



### Welcome back!

I hope everyone had a great summer and avoided any hurricane damage.

As we start off the 2016/2017 Year, we are excited to have a great Board of Governors and Chapter Chairs in place to serve you. Mark your calendars, we are looking forward to great meetings and events and have all of the dates posted on this page as well as on our website ([www.ashrae-fwc.org](http://www.ashrae-fwc.org)).

Our dinner meeting this month will be a discussion regarding intake and exhaust louvers and specific requirements in the current 2014 Florida Building Code that must be met. For our Professional Engineers, this meeting will qualify as an Advanced Building Code Course. Seating is limited, so RSVP now!

The Annual Clay Shoot is also set for Friday, November 11<sup>th</sup>. Many sponsorship opportunities are available for this event that usually has an attendance of around 100 people.

We are looking forward to a great year and seeing all of you!



Research Promotion currently  
at 5% of goal...see Page 11



## October Dinner Meeting Flyer

Calendar Year: 2016 - 2017

Second Dinner Meeting

### "MECHANICAL CODE REQUIREMENTS FOR INTAKE & EXHAUST LOUVERS"

#### Meeting Summary:

We welcome you to attend our second Dinner Meeting of the new ASHRAE year. This month we will have a presentation on Florida Building Code requirements for Mechanical Louvers. This presentation has been approved by the Florida Board of Professional Engineers for (1) hour Advanced Review of the Florida Building Code 5th Edition (2014). Our presenter for this meeting will be one of our own Florida West Coast Chapter members and past ASHRAE Distinguished Lecturer, Mr. David A. John, PE. Mr. David John has over 30 years experience in the HVAC Industry and has been actively involved with ASHRAE on Research Projects and Technical Committee's. David is currently employed by Stan Weaver & Co. where he serves as a Continuing Education Consultant/Provider and Owner/Architect/AHJ Liaison. We welcome Florida West Coast Chapter members and non-members to attend this event. One (1) hour CEU (Advanced Review of FBC) will be awarded by attending this presentation. We look forward to seeing you Tuesday, October 18th at the Holiday Inn Westshore.

#### When?

Tuesday, October 18th, 2016

5-8 PM Cocktail Hour

6-8 PM Dinner Meeting

#### Cost?

\$35 thru PayPal (\$40 day of Event)

\$40 for Non-FWC Chapter members

**RSVP**

at

[www.ashrae-fwc.org/ashrae-events/](http://www.ashrae-fwc.org/ashrae-events/)

For questions, contact:

Isaac Crimm

[icrimm@stanweaver.com](mailto:icrimm@stanweaver.com)

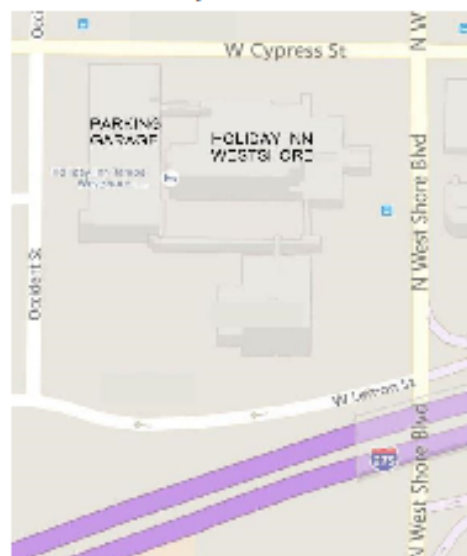
813-879-0383

#### Where?

Holiday Inn Westshore

700 North Westshore Blvd.

Tampa, FL 33609





THE 7<sup>th</sup> ANNUAL FLORIDA WEST COAST

# Sporting Clay Shoot

**Date: November 11, 2016**

**Time: 12:30 pm**

**Register by: November 4, 2016**

This will be a 100 bird shoot. Included in the price is a catered BBQ pork lunch served at 12:00 prior to the shoot.

## Sponsorship Levels:

- **Presenting Sponsor \$2500**  
Includes: Event Banner, Stand Sponsor, Foursome, Golf Cart for four, and endowment to ASHRAE RP
- **Ammunition Sponsor \$1800**  
Includes: Event Banner, Stand Sponsor, Foursome and Golf Cart for four
- **Golf Cart Sponsor \$1300**  
Includes: Advertising on Golf Carts, Foursome and Golf Cart for four
- **Score Card Sponsor \$1000**  
Includes: Advertising on Score Cards, Foursome and Golf Cart for four
- **Corporate Sponsor \$650**  
Includes: Stand Sponsorship, Foursome and Golf Cart for four

## Contact Leon Boe for details!

- Single Shooter (FWC Chapter Member) \$120
- Single Shooter (Non-FWC Chapter Member) \$130
- Shotguns are available for rent for \$30
- Golf Cart Rental \$25 for a team of 4
- Stand Sponsorship with Company Logo \$ 150.00

100 Rounds to be provided for each shooter.  
A limited number of carts and shotguns are available for rent, so get your registration in early to guarantee one!



## Location:

Fishhawk Sporting Clays  
13505 Hobson Simmons Rd  
Lithia, FL 33547  
813.689.0490  
[www.fishhawkssportingclays.com](http://www.fishhawkssportingclays.com)

## Additional Information:

Each attendee must be at least 18 years old, and must provide their own eye and ear protection.

Contact Leon Boe at 813-728-9257 or [leon@glspies.com](mailto:leon@glspies.com)

To submit completed registration form, mail it along with payment to (PayPal invoices upon request):

ASHRAE Clay Shoot  
c/o Leon Boe  
5311 West Crenshaw Street  
Tampa, Florida 33634



Team Captain Name:

1.) \_\_\_\_\_

Phone Number : \_\_\_\_\_

Email: \_\_\_\_\_

ASHRAE Number : \_\_\_\_\_

Shotgun Rental: Yes / No

Gauge: 12 / 20

Stand Sponsor: Yes / No

Team Member Names:

2.) \_\_\_\_\_

Shotgun Rental: Yes / No

Gauge: 12 / 20

3.) \_\_\_\_\_

Shotgun Rental: Yes / No

Gauge: 12 / 20

4.) \_\_\_\_\_

Shotgun Rental: Yes / No

Gauge: 12 / 20

Total:

\$ \_\_\_\_\_

# American Society of Heating, Refrigerating and Air-Conditioning Engineers



Mentoring Minds  
Meeting Notice  
Monday, November 7th, 2016



## Fundamentals of ASHRAE 189.1 & How it Impacts a Mechanical Engineer (1 PDH Credit)

The West coast Florida Chapter is proud to announce the program series designed to help give back to the engineering community by teaching core fundamentals of our trade. One of ASHRAE's core commitments is as follows:

*"We are committed to the advancement of the arts and sciences of HVAC&R for the benefit of society through research, technology development and transfer, and education and training".*

This series of programs is designed to help provide a basic understanding of HVAC engineering! Tonight's topic is going to cover the fundamentals of ASHRAE 189.1 and how it impacts a Mechanical Engineer! The evening will cover the following:

- **ASHRAE 189.1 Committee**
  - o Code & Compliance Experts
  - o Energy Efficiency Experts, including DOE Utilities
  - o Material Experts
- **Session Learning Objectives**
  - Identify which Section 10 Construction Plan mandatory requirements most directly impact the MEP engineer
  - List five building systems that must be acceptance tested that directly involve the MEP engineer
  - Calculate mandatory future renewable energy capacity requirements for a 90,000 sq ft office building
  - Calculate the prescriptive renewable energy capacity requirement for the same example building

Mentor for the Evening  
**Bob Feduk**

Location:  
TLC Engineering for  
Architecture Office  
500 N Westshore Blvd, Suite 435  
Tampa, FL 33609

Class Starts: 5:30PM  
Cost \$10

Meal choices are as follows:  
Pizza, Pizza, Pizza and a drink!

Need RSVP to  
**Malia Powers @ [malia.powers@carrier.utc.com](mailto:malia.powers@carrier.utc.com)**  
**Cell: 813-523-7514**



## ASHRAE FWC - 2016/17 Committee Chairs

President – Michael A. Costello  
President-Elect/CTTC – Isaac Crimm  
1<sup>st</sup> Vice President/Research Promotion – Leon Boe  
2<sup>nd</sup> Vice President/Membership Promotion – Malia Powers  
Treasurer/Finance/Auditing – Ethan Grabill  
Secretary/GGAC – Scott Manfre  
Student Activities Chair/K-12 STEM – Christopher Martinez  
Nominations/Honors and Awards – Joe Cox  
Golf Tournament/Special Events – Eric Vieira  
ECC/Newsletter/Webmaster/Homepage – Tom Morgenthau  
Young Engineer's in ASHRAE (YEA) – Ashley Saint  
Co- Young Engineer's in ASHRAE (YEA) – Samantha Choo Chew  
Sustainability Chair – Bruce B. Lindsay  
Student Activities Co-Chair – Slade Fernandes  
Student Activities Co-Chair – Glenda Ama  
Historian – Dan Herrera  
Publicity – Peter Montana  
Reception/Attendance – Michael Collins  
Building Energy Quotient (bEQ) – Don Herrmann  
Refrigeration – David A. John  
Mentoring Minds – Al Lapera  
Women in ASHRAE (WiA) – Jennifer Isenbeck  
Sarasota-Bradenton Section President – Alex Gicale

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[alex.gicale@captiveaire.com](mailto:alex.gicale@captiveaire.com)

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## A Note from the Sarasota-Bradenton Section President

By Alex Gicale

Greetings,

We are off to a fast start in Sarasota/Bradenton!

### MEETINGS:

- Our next meeting is a dinner meeting 10/25/16 in Sarasota, the topic is "Cyber Security in HVAC Design".
- In September, **Richard Brooks from FPL** presented to our section during a "power" lunch—we learned about the many updates to the energy savings programs offered by FPL.

## October 2016 Sarasota-Bradenton Section Fishing Tournament

By Alex Gicale

### **ASHRAE ON THE BAY:**

On October 1, the section held its second annual **"ASHRAE ON THE BAY"** fishing tournament and it was awesome! Participating were 36 fishermen, including 4 women, and 10 boats operating. A total of 485 fish were caught covering 15 species, in the 4-hours (One boat caught 86 fish!).

We had three (3) winning categories: Overall Best Performing Boat, Women in ASHRAE on-board, and Young Engineer in ASHRAE (YEA) on-board.

### **The winners:**

Overall: Team "The Nads" (Ross Montgomery, Bill Malphus, Rob Risley, Darryl Blair)

Women in ASHRAE: Team "Winning" (Kristen Berg., Craig Hill, Aaron Donton)

Young Engineer in ASHRAE (YEA): Team "Shark Slayer" (Will Seiberling, Michelle Walcker, Andrey Melamud, Rob Lazarus)

A VERY SPECIAL THANKS TO THE TOURNAMENT DIRECTOR **CHRIS WELLS OF TOM BARROW CO** AND ASSISTANT DIRECTOR/SPIRITUAL ADVISOR **ROSS MONTGOMERY OF QUALITY SYSTEMS AND TECHNOLOGY INC!!!**















## ASHRAE FWC at Citrus Park Elementary

By Christopher Martinez



**Photo:** Mr. Martinez (left), Mrs. Miller (center), Mr. Fiabani (right).

The ASHRAE FWC Chapter jumped right in with student activities. In August, Christopher Martinez and his associate Vinicius Fiabani volunteered at Citrus Park Elementary. There they helped Mrs. Miller and other First Grade teachers prepare for the coming school year. Despite the 12 man-hours volunteered to help get a head start for the year, there were still tasks left over. Mr. Martinez encourages ASHRAE FWC members, family, and friends to volunteer whenever they can, in any way they can. Please contact us if you're interested in helping out with K-12 activities, professional development events, or other activities. We are also happy to collect individual donations in an effort to create large, singular donations for schools and student related activities.



## Membership Promotion

Submitted by Malia Powers

As we start off a new year I would like to welcome new Florida West Coast Members, as well as any Student Chapter Members that have graduated. With this I would like to mention the Smart Start Program. This program was developed to decrease the costs of transitioning from a Student Member to Associate Member.

\$20 – First Year Associate Membership  
\$50 – Second Year Associate Membership  
\$50 – Third Year Associate Membership

Participants in this program still receive all of the benefits of Associate Membership, but at a considerably discounted rate (Current Associate Member dues are \$190 per year). Information can be found at: [www.ashrae.org/smartstart](http://www.ashrae.org/smartstart).

If you have any questions, please contact me at: [malia.powers@carrier.utc.com](mailto:malia.powers@carrier.utc.com)

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## Research Promotion

Submitted by Leon Boe

Many of you might not know, but ASHRAE raises millions of dollars every year that is used for research projects. The result of these projects creates the standards and guidelines that we all use every day. Each and every dollar raised goes 100% toward research. I am tasked this year with raising \$23,000 here locally for research. **I NEED YOUR HELP!**

Over the last few years we have been working closely with the ASHRAE USF Student Branch. We have built a large interest with the students and they are eager to pursue our industry. We have made it our mission this year to try and bring ASHRAE research money to USF. Let's give them some experience now that sustains their enthusiasm for HVAC after graduation. These students are our future employees!

Please make your contributions either by check 'Payable to ASHRAE RP' and turn them in to me or if you prefer you can make online donations at: [www.ashrae.org/contribute](http://www.ashrae.org/contribute)

If you make a donation online, please forward me a copy of the emailed invoice so I can ensure that proper credit is given. I can be contacted at: [leon@glspies.com](mailto:leon@glspies.com)

So far we are at 5% of goal. Deadline is June 30, 2017. I'd like to personally thank each and every investor so far.



## **SPONSORS WANTED!!!**

Want your business card here and reach out to over 1000 people monthly? See the next two pages for pricing.

## **SPONSORSHIPS NOW AVAILABLE!!!!**

## 2016-2017 NEWSLETTER AND WEBSITE SPONSORSHIP PRICING PACKAGES

ASHRAE (formerly known as American Society of Heating, Refrigerating and Air Conditioning Engineers) is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow's built environment today.

ASHRAE was founded in 1894 at a meeting of engineers in New York City and has held an annual meeting since 1895. Until 1954 it was known as the American Society of Heating and Ventilating Engineers (ASHVE); in that year it changed its name to the American Society of Heating and Air-Conditioning Engineers (ASHAE). Its current name and organization came from the 1959 merger of ASHAE and the American Society of Refrigerating Engineers (ASRE). The result, ASHRAE, despite having 'American' in its name, is an influential international organization. Amongst other international activities, it helps organize international events.

The society promotes the design and installation of HVAC systems at the highest levels, through publication of Data Books and Handbooks covering all relevant topics, legislative involvement, establishment and support of a research foundation, and standardization of design qualifications.

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 aforementioned activities, our most valuable resource for generating operating capital remains sponsorships. Via its monthly newsletter and newly updated 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.

The newsletter is published 10 times per ASHRAE year (September through June of the following year), and is distributed via email ahead of the monthly chapter meetings. 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 40,000 individual IP computer hits since its launch in September 2013.

## 2016-2017 NEWSLETTER AND WEBSITE SPONSORSHIP PRICING PACKAGES

Please consider sponsoring the Florida West Coast Chapter of ASHRAE's newsletter and/or website. Your business card will be published 10 times per ASHRAE year in the emailed newsletter, 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 2016-2017 year, the Chapter Board of Directors has decided upon the following rate as detailed below. In appreciation of the support from our sponsors during this difficult economic time, we want advertising in the chapter newsletter and website to remain affordable and accessible.

<b><u>2016-2017 ASHRAE FWC Advertising Rates</u></b> (All Rates are for the ASHRAE Year - September 2016 through June 2017)		
<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 20,000 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 and remit your business card in either PDF or JPEG formats to Leon Boe. Please send payment to the address below made out to "ASHRAE Florida West Coast". Sponsorship fees shall be prorated based on the number of newsletter editions and website months remaining upon the purchasing of your sponsorship plan.

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

[leon@glspies.com](mailto:leon@glspies.com)

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Tampa, Florida 33634