

Upcoming Events

Wednesday, March 8, 2017

- Monthly meeting,
- Membership Promotion,
- YEA Night and Joint meeting with AIA

Fishing Tournament

- April 29th at Pinchers!

SWF ASHRAE Chapter Meeting Announcement

Date: Wednesday, March 8, 2017
Location: HOLIDAY INN AT GULF COAST TOWN CENTER
Start Time: 5:30 – 6:45 NETWORKING
 6:45 – 8:00 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 on our chapter website www.swflashrae.org
 RSVP to Joy Milliman @ JMilliman@bandiflorida.com by 12JAN17

Main Program: ASHRAE: BuildingEQ

ASHRAE has implemented a comprehensive building energy labeling program called Building Energy Quotient (Building EQ). The objective of this labeling effort is to provide motivation for reducing energy use in commercial buildings by expressing the energy performance of buildings in a tangible way. The underlying belief is that public display and disclosure of the energy efficiency attributes of a building and its energy use intensity (EUI) will lead building owners to strongly consider cost effective energy efficiency improvements at the time of design and construction and in any subsequent renovations. Public display and disclosure of energy efficiency attributes and EUI should be a relevant factor in the real estate transaction marketplace for commercial buildings.

Building EQ incorporates both an operational rating, based upon actual energy billing, and an asset rating that normalizes for operational variables. The two rating systems will thus be able to communicate both the performance of the building as operated and the potential performance of the fixed assets of the building.

This session will present the major ideas behind the development of the labeling program and the process for implementation.

- #1 How can building energy labels influence the energy efficiency of the overall building stock?
- #2 What metrics are most important for conveying the energy efficiency of a building?
- #3 What you need to do to get a Building EQ label for your building.

Guest Speaker: Hoy R. Bohanon, Jr., P.E. (Distinguished Lecturer!)

Hoy Bohanon, PE, LEED AP, BEAP is principal in Hoy Bohanon Engineering, PLLC, a firm that focuses on improving the performance of existing mission critical buildings. Mr. Bohanon began his engineering career as a research and design engineer, and then gained experience as a project engineer, facilities engineer, facilities manager, indoor air quality research engineer, environmental engineer, and business owner. He has a master's degree in engineering from North Carolina State University, and a bachelor's degree in mechanical engineering from Georgia Institute of Technology.

Mr. Bohanon has written technical papers and articles on indoor air quality, operations, and maintenance and is a frequent presenter at technical society meetings. He is a recipient of the ASHRAE Distinguished Service Award and is chair of ASHRAE Standard 62.1 committee, Ventilation for Acceptable Indoor Air Quality. He also serves on the bEQ committee. He is chair of the US Technical Advisory Group panel 1 (general principles) and panel 4 (indoor air quality) for ISO TC205 Building Environment Design. He is a co-author of The Indoor Air Quality Guide: Best Practices for Design, Construction and Commissioning and Performance Metric Protocols for Commercial Buildings: Best Practices Guide. He also teaches multiple courses for the ASHRAE Learning Institute addressing ASHRAE 62.1 and IAQ. Mr. Bohanon is also a member of the Professional Engineers of North Carolina, US Green Building Council, and I2SL.

A message from Mr. Richard Brooks, SWFL ASHRAE President

Greetings SWFL Chapter. We are in our Final Stretch of the Chapter's year!!! I hope everyone is having a wonderful SWFL Winter. The high temperature last Friday was 88F. Now we know why so many come to Florida in the Winter. You can still get a sun tan in late February!!

The society year is about ¾'s over. ☺ Our previous meetings this year were very successful. We have been very fortunate to have several Distinguished ASHRAE lecturers. The February meeting a very informative meeting on Chiller Plant Optimization and Chiller Technologies. Thank you, Brett Monteleone for a great presentation.

The next meeting will be March 8th on the topic of "Building EQ". The presenter is another Distinguished ASHRAE lecturer, Hoy Bohanon. Please mark your calendar now and plan to attend this very exciting meeting. Bring a friend or coworker, and please RSVP to Joy Milliman asap, jmilliman@bandiflorida.com.

This month I would like to highlight one of our members who participates on the local chapter level. Last year's Refrigeration Chair was Mr. James Martin. He is this year's winner of the **The Donald A. Siller Refrigeration Award**. This award recognizes exceptional performance by a Chapter Refrigeration Chair for planning activities and providing technology transfer on the subject of refrigeration. Congratulations and thank you for a job well done. Mr. James Martin has passed the torch to Kevin Galbraith who is now the current Refrigeration Chair. James' duties this year revolve around keeping our website current and fresh. His work is greatly appreciated.

Our next big Research Promotion Fund raiser will be the Fishing Tournament on April 29th 2017 at Pinchers in Cape Coral FL. Details are on our website. Also, sponsorships of the Fishing Tournament are also available on our website. We have tried to make it easy to pay for the sponsorships, so credit cards are now accepted on our website via PayPal.

We are trying to gauge the interest in having a Poker Tournament on March 18th or March 25th. If interested, please contact Mr. Jason Hardman at jhardman@tombarrow.com

We are excited about some upcoming events. We are having one of our Sustainability events on March 11th (Saturday) at the Manatee Park located at 10901 State Road 80 (Palm Beach Blvd), Fort Myers, FL 33905. Activities include planting shrubs and flowers, weed elimination, and general cleanup/ beautification. The event will start at 8am and end at noon. Please plan to volunteer as your schedule allows. Volunteers are always needed and welcomed. RSVP to Joy Milliman at jmilliman@bandiflorida.com It is also a great way to give a little back to the community. Thank you in advance.

As previously announced, next year's CRC, (Chapters Regional Conference), will be moved from Argentina to Panama. Our chapter in Panama has offered to host this event. Mr. Ross Montgomery, Bill Malphus and others are helping in this gigantic effort. This conference will take place around the first week in August. Stayed tuned for more details.

One last thing – Our Chapter is only as strong as its Members. I would encourage all of our Members to come to at least one meeting and bring someone who is not a Member. If you are not currently a Member, consider joining. For those potential new members under 30 years of age, ASHRAE makes it very easy to get started. Ask one of the officers to tell you about the Quick Start Program. New Affiliate Membership dues are only \$52 for the first year. So we are making it EASY to become a member.

Thank you all for your support! Your volunteering efforts are what make our Chapter strong!!!

SWF ASHRAE Chapter 2016 to 2017			
President:	Richard Brooks	Newsletter:	Heather Hsi
President Elect:	Ashley Fernandez	Webmaster:	James Martin/Matt Sutkowski
Vice President:	Kathleen Simpson	Sustainability:	Joy Milliman
Secretary:	Joy Milliman	Golf Chair:	Isaac Lima
Treasurer:	Woody Wilson	Fishing Chair:	Shane Vaughn
Research Promotion:	Isaac Lima	Reception:	Sean McGinn/Ryan Olinger
Historian:	James Martin	BOG 1:	Bill Malphus
Membership:	Ashley Fernandez	BOG 2:	John Pennington
CTTC:	Kathleen Simpson	BOG 3:	Jason Hardman
YEA:	Shane Vaughn	BOG 4:	Pat Graef
Student Activities:	Newton Freire		
Programs:	Kathleen Simpson		
Refrigeration:	Kevin Galbraith		
Honors and Awards:	Jason Hardman		
GGAC Chair:	Heather Hsi		

For Chair and Officer contact information, please visit www.SWFLASHRAE.org

CTTC – Article 1 – Kathleen Simpson

ASHRAE President Visits FMTC by Debbie Krouse

January 18, 2017 – Mr. Tim Wentz, president of the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE), spoke to FMTC’s Air-Conditioning, Refrigeration & Heating Technology students about the future of the industry. He talked about his personal history of moving from a slide rule in his early college days to a hand-held calculator and now a computer or Smartphone as an example of the challenges and opportunities inherent in adapting to new technology.

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 55,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration, and sustainability. ASHRAE is a technical society and sets standards in the industry through research-based design guidelines.

There are over 1.3 million people employed in the HVACR industry in the United States and Canada. As the population and number of buildings grow, so does the demand for residential, commercial, and industrial climate-control systems. Residential HVACR systems generally need replacement after 10 to 15 years; the large number of homes built in recent years will enter this replacement timeframe by 2018.

The future of the industry is technology. People can now control their home air conditioner from their cell phone. The increased complexity of HVACR systems, which increases the possibility that equipment may malfunction also, will create opportunities for service technicians. Mr. Wentz said technicians entering the field today will see more change than any other generation, therefore, life-long learning will be necessary to keep current with technology.

According to the Bureau of Labor Statistics Occupational Employment Statistics Survey, the median hourly wage for an HVAC technician in the United States in 2015 was \$21.69. As baby boomers retire, the need for qualified technicians is tremendous. In Florida, the industry will grow 33% between 2014 and 2024; and employers prefer to hire those who have completed technical school training or a formal apprenticeship.



Tim Wentz, center, with the Air-Conditioning, Refrigeration & Heating Technology students



CTTC – Article 2

The Energy Technical Advisory Committee of the Florida Building Commission is holding a public hearing on March 3 at 10:00 am to review and accept interim draft report for research project entitled “Residential Performance Code Methodology for Crediting Dehumidification and Smart Vent Applications.” The meetings to be conducted using communications media technology, specifically teleconference and webinar: Join the meeting at <https://global.gotomeeting.com/join/327333309>. Join the conference call: United States (toll-free): [1 \(877\) 309-2073](tel:18773092073); Meeting ID / Access code: 327-333-309; public point of access 2601 Blair Stone Road, Tallahassee, Florida. For more information, go to <https://billtrack50.com/RegulationDetail/1267650/1078>

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Nate Boyd, P.E., CPMP, LEED AP

ASHRAE GGAC RVC, Region XII
CFL Chapter Governor
Vice Chair - MTG. IAST
Building EQ Committee Member-at-Large
TC 7.6 Sub-Committee Chair: Handbook / Commercial Building Energy Audits



Proudly Invites You To Join Us For Our:

2017

**ANNUAL BACKWATER FISHING
TOURNAMENT**

Saturday April 29th, 2017

\$1,500.00 will be awarded for:

- **Best Team Catch (SNOOK, REDFISH & TROUT) total combined length**

NON-CASH PRIZES will be award for:

- ***SECOND/THIRD place teams (total combined length SNOOK, REDFISH & TROUT)**
- * **LONGEST Tournament fish by LADY ANGLER**
- * **LONGEST Tournament fish by JUNIOR ANLGER**

Entry Fee is \$100.00 per person

Paid entry includes:

Tournament Entry, Tournament T-shirt, Tickets for Drawings, and Awards Dinner

Dinner tickets can be purchased separately for \$25.00 each. Children under 12 years of age are \$10.00 each. Awards dinner will be held at Pinchers at 5:00 PM (located at 5991 Silver King Boulevard, Cape Coral, Florida 33914).

A Mandatory Captain's Meeting will be held Friday April 28th, 2017 @ 6:00 PM at the Islamorada Fish Company Seafood Restaurant in the Bass Pro Shops Fort Myers (located in the Gulf Coast Town Center). **One representative from each Team is required to attend to pick up Rules, Tournament T-shirts and register your vessel!**

***Please direct all questions to: Shane Vaughan via phone at (239) 340-0260,
or e-mail at svaughan@bandiflorida.com***

ASHRAE (American Society of Heating, Refrigerating, and Air-conditioning Engineers), founded in 1894, is an international not-for-profit organization of 53,000 persons. ASHRAE's mission is advancing the art and science of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education. A portion of Tournament proceeds are donated to ASHRAE research on behalf of the Southwest Florida Chapter.



2017 ANNUAL BACKWATER FISHING TOURNAMENT

Thank you for entering the Annual Southwest Florida Backwater Fishing Tournament hosted by the Southwest Florida Chapter of ASHRAE. The festivities this year will begin on Friday evening April 28th at the Islamorada Fish Company Seafood Restaurant at Bass Pro Shops Fort Myers (located in the Gulf Coast Town Center). The Captains meeting will begin at 6:00 PM, which will be a cash bar social. One member from each fishing team is required to attend to register their boat and to pick up the tournament T-shirts and other information.

Tournament Rules

This is a catch and release tournament

- *1st-3rd Place will be determined by the total combined length of 1 Snook, 1 Redfish & 1 Trout.
1. For scoring, anglers will be required to take a picture of their catch on a tournament provided ruler. Fish must be measured with the tail starting at the zero mark of the ruler.
 2. No fishing before 7:00 AM. Teams may be on the water and catch bait or navigate to fishing holes prior to official 7:00 AM start.
 3. This is an open bait tournament (live or artificial baits may be used).
 4. Anglers are allowed to fish from any location desired.
 5. All boats must stay 50 feet away from other vessels, with the exception of pass fishing, a breakdown or an emergency.
 6. Kayak and canoe teams must stay together and fish from the same locations.
 7. The holding of fishing holes or chumming of holes by another boat is not allowed.
 8. All anglers are required to be at Pinchers no later than **4:00 PM** to produce photographs of fish.
 9. The ASHRAE tournament directors will resolve any disputes or interpretations of the fishing rules during review of fish photographs.
 10. All anglers must be present for any door prizes or awards.
 - 11. All anglers must abide by State and Federal fishing regulations.**
 - 12. All appropriate fishing licenses and/or stamps are the responsibility of each angler.**
 13. All fish must be released alive to constitute a catch.
 14. Have fun and be safe!

Saturday morning April 29th, 2017 is an Honor Start at 7:00AM from anywhere you would like. No lines in the water until 7:00 AM! There is no formal check-in.

The awards dinner will be held at Pinchers (located at 5991 Silver King Boulevard, Cape Coral, Florida 33914) starting at 5:00 PM. The awards, trophies, prize drawings, and raffle will be held during dinner. All Anglers must be present to win!



Southwest Florida Chapter

2017 ANNUAL BACKWATER FISHING TOURNAMENT

Saturday April 29th, 2017

This is your opportunity to participate in sponsoring the states only ASHRAE Backwater Fishing Tournament! All prior backwater fishing events were a huge success. This year we anticipate an even bigger turnout. Please be the first to join our team by sponsoring this event.

A Portion of the Proceeds will be contributed to ASHRAE Research

Medallion sponsorship is as follows:

- Bronze Medallion \$200.00*** *Company logo will be printed on T-shirt*
Silver Medallion \$300.00 *Two paid entry fees, Company logo on T-shirt*
Gold Medallion \$500.00 *Four paid entry fees (transferable to anyone you wish)*
Company Logo on T-shirt and special recognition
~~***Platinum Medallion \$1,000.00*** *Six paid entry fees (transferable to anyone you wish)*~~
~~***Large Company Logo on T-shirt Sleeve, plus special recognition*** **SOLD**~~

Sponsorship Data

Company Name: _____
Address: _____
City/State/Zip: _____
Telephone/Fax: _____
E-mail: _____

Sponsor Level: (Please Circle One)

Bronze (\$200)

Silver (\$300)

Gold (\$500)

Platinum (\$1,000)

Please make checks payable to:

Southwest Florida ASHRAE
2701 Prince Street
Fort Myers, FL 33916
Attn: Shane Vaughan

Or you can pay on-line with a credit card @ www.swflashrae.org

ASHRAE is a non-profit organization with Group Tax Exempt Status

All Sponsorship forms and company logos must be sent in no later than March 31, 2017 in order to get the logos on to the shirts!



Southwest Florida Chapter

2017 ANNUAL BACKWATER FISHING TOURNAMENT

Saturday April 29th, 2017

Official Entry Form

Captain Name _____ Shirt Size _____

Team Name _____

Vessel Make _____

Vessel Length _____

Vessel Color _____

ADDITIONAL TEAM MEMBERS

1. _____ Shirt Size _____

2. _____ Shirt Size _____

3. _____ Shirt Size _____

I represent by my signature below that my crew and I will comply with the rules of the Annual Backwater Tournament. We will comply with the guidelines established by the State of Florida pertaining to lengths and limits of fish. I understand that I am responsible for my boat and crew at all times and that my vessel meets the minimum safety requirements set by the State of Florida. I hereby release the Southwest Florida Chapter of ASHRAE, its principals and affiliates from all liability.

CAPTAIN SIGNATURE

DATE

Please return this completed form NO LATER THAN 04/14/2017 to:

Southwest Florida ASHRAE
2701 Prince Street
Fort Myers, FL 33916
Attn: Shane Vaughan

Phone: (239) 340-0260, Fax: (239) 332-5928, or e-mail: svaughan@bandiflorida.com

Please make checks payable to Southwest Florida ASHRAE
Or you can pay on-line with a credit card @ www.swflashrae.org



YETI RAFFLE

Enter for a chance to win one of these YETI Coolers:



BUY YOUR TICKET TODAY:

1 ticket for \$10.00 / 3 tickets for \$25.00

You can purchase your ticket @ <http://www.swflashrae.org/events>

or

Make checks payable to:
Southwest Florida ASHRAE
2701 Prince Street
Fort Myers, FL 33916
Attn: Shane Vaughan

YETI will be raffled off @ the ASHRAE Fishing Tournament

April 29th, 2017 @ 5991 Silver King Boulevard, Cape Coral, Florida 33914