



January 2015 Edition

Upcoming Events

March 11th, 2015

- o Monthly meeting
- o Membership Promotion

Night!

May 2nd, 2015

- o SWF ASHRAE Fishing Tournament



A message from Mr. Woody Wilson, SWF ASHRAE President

March is upon us and activities within our chapter are heating up. Last month we had a successful joint meeting with SWACCA and a fun time running our ASHRAE booth at STEMtastic Day of Discovery. This month we are sponsoring the 3rd Annual Manatee Park Event for Sustainability. Next month is our fishing tournament and an ASHRAE Webcast. And in May the President of ASHRAE is coming to visit. As you can imagine, we are very busy handling all of this and I again want to encourage anyone and everyone to volunteer their time to help out with any of these events.

This month's meeting is Membership Promotion Night. Our chapter's membership has been relatively stagnant over the past few years. Let's try to change that. With the upturn in the economy, we are beginning to see some new faces in our industry. Let's take it upon ourselves to get those new faces to a meeting, show them a good time while there, and hopefully get them to join our chapter. ASHRAE has a lot to offer to everyone in our industry, so let's encourage people to participate.

Did anyone look at February's ASHRAE journal? The cover story was "Lessons Learned from Commercial Kitchen Fires". With impeccable timing, our guest speaker for this month's meeting is Sean McGinn with CaptiveAire discussing kitchen ventilation design. Sean lives here in Fort Myers and is certainly a professional in the field of kitchen ventilation, so come to our meeting so you can get to know him. And for a teaser, there are some significant changes forthcoming in kitchen ventilation design, so you "veterans" who think you know it all, you may want to reconsider. Hope to see you there.

SWF ASHRAE Chapter Meeting Announcement

Date: Wednesday, March 11th, 2015

Location: Edison Restaurant and Bar

- Time**
- 5:00 – 5:30 Board of Governor's Meeting
 - 5:30 – 6:00 Networking and Tech. Topic
 - 6:00 – 8:00 Dinner Meeting and Main Program

Cost: \$35.00** Per Attendee – Reservations please!

There is no cost for college students with a valid student I.D.

Pre-Pay on our chapter website www.swflashrae.org or RSVP to Jason Hardman at (239) 219-8360.

Membership Promotion Night!

Main Program: ASHRAE And Commercial Kitchen Ventilation Design

Commercial kitchen ventilation design must meet the minimum safety requirements by code, but energy efficient design, proper integration with building HVAC, and improved safety are absolutely critical for sustainable designs. ASHRAE has published several works that help guide proper kitchen ventilation design. This presentation will discuss these publications and their relationship to safety requirements, strategies for reducing ventilation rates, use of listed hoods (UL Standard 710), demand ventilation, make up air delivery and tempering, advanced fire safety, and energy considerations.

Speaker: Mr. Sean McGinn – CaptiveAire Inc.

Mr. McGinn graduated from UCF with a bachelor's degree in mechanical engineering and has worked for CaptiveAire for a little over 2 years. Sean moved to Ft. Myers from Tampa last March and is one of our newest members in SWFL ASHRAE.

SWF ASHRAE Chapter Officers 2014 to 2015

President:	Woody Wilson	Newsletter Editor:	Heather Hsi
President Elect:	Jason Hardman	Webmaster:	Sam Moreland
Vice President:	Richard Brooks	Sustainability:	Edwin Prado
Secretary:	Robin Bryant	Golf Chair:	Robin Bryant
Treasurer:	Isaac Lima	Reception Comm:	Autumn Spalding
Research Promotion:	Ashley Fernandez	BOG 1:	Newton Freire
Historian:	Kathleen Simpson	BOG 2:	Bill Malphus
Membership:	Jason Hardman	BOG 3:	John Pennington
CTTC:	Kathleen Simpson	BOG 4:	Robin Bryant
Programs:	James Martin		Pat Graeff
Student Activities:	Richard Brooks		
YEA:	Newton Freire		
Refrigeration:	Autumn Spalding		
Honors and Awards:	Robin Bryant		
GGAC Chair:	Jason Grabowski		
GGAC Co-chair:	Heather His		

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



The American Society of Heating, Refrigerating & Air-Conditioning Engineers (ASHRAE) has more than a century of experience advancing the arts and sciences of HVAC&R and related human factors to serve the needs of its members and population at large.

In 1994, a dedicated group of long-time ASHRAE members created ASHRAE Foundation to support the needs of the HVAC&R industry. ASHRAE Foundation is an endowed trust that provides funding for professional development and research programs, supplies qualified engineering students with much needed scholarship assistance, and ensures that ASHRAE will continue to have sufficient resources to sustain and expand the Society's vital work.

The creation of ASHRAE Foundation was in response to a valid need for increased funding for ASHRAE programs and projects. A solid proponent of education, the Foundation recognizes and accepts the challenge to provide the financial support necessary to offer tailored educational programming to ensure HVAC&R professionals are prepared today for tomorrow's challenges.

Please visit <http://foundation.ashrae.biz/> to see how you can donate or apply for the scholarships.

Student Activities - Richard Brooks

Lee County Schools' STEMtastic event was held in February at the Lee County Harborside Event Center. Several thousand people attended this event that focused on Science, Technology, Engineering, and Math. Hundreds of students and parents from all of the Lee County Schools visited our SW FL's ASHRAE Booth. The booth's theme this year was "Static Electricity". Great fun was had by all. Special thanks go out to our AHRAE Booth Workers --Ashley Fernandez, Jason Hardman, Isaac Lima, Bill Malphus, Edwin Prado, Kathleen Rosensweig, and Kathleen Simpson.

ASHRAE provided two presentations to several Girl Scout Troops on Indoor Air Quality and Energy Efficiency. The 4th and 5th grade girls participated in the Energy Efficiency program called "GET MOVING WORKSHOP". The 6th & 7th grade girls participated in the Indoor Air Quality Program called "BREATHE WORKSHOP". There was a tremendous amount of interaction and participation by all the Girl Scouts. ASHRAE thanks Meghan Campbell for allowing us to participate in these activities.



Membership Promotion

Greetings SWFL Chapter!

We have 2 New Members this month! We'd like to welcome **Lee Werst** as well as welcome back **Ron Reynolds**! Please make sure to introduce yourself to them and welcome them!

Our next meeting will be our 2nd and final Membership Promotion Night. We will be

encouraging everyone to bring at least 1 person who is not currently a Member. By doing so, you will get a raffle ticket to be entered into a drawing for a great prize! If your guest signs up to be a Member the night of the meeting, you will get 2 additional tickets! Here's the even better part, as being our Guest, their dinner will be FREE!!! Look for the flyer and start getting your invites out! Let's promote ASHRAE and continue to build our Chapter!

If you have any questions or need any other information, please don't hesitate to ask!

Thanks!

Jason Hardman
jhardman@tombarrow.com



GGAC Regional and Chapter Activities

Representative Lipinski Introduces Resolution in Support of National Engineers Week

Representative Daniel Lipinski (D-IL), along with 15 Republican and Democratic cosponsors, introduced a resolution supporting the goals and ideals of Engineers Week. Engineers Week runs from February 22 to 28, and is organized by DiscoverE. ASHRAE is a member of the DiscoverE Steering Committee.

Representative Lipinski has a B.S. in Mechanical Engineering from Northwestern University, and an M.S. in Engineering-Economic Systems from Stanford University. He is also a former teacher.

ASHRAE Submits Comments to DOE Information Requests on Quadrennial Energy Review, Proposed Definition of Zero Energy Buildings

ASHRAE recently submitted comments to the U.S. Department of Energy for their requests for information and public comment on Quadrennial Technology Review Framing Document, and proposed definition of Zero Energy Buildings.

GSA Seeks Comments on LEED v4

The U.S. General Services Administration (GSA) is seeking public input on its analysis of LEED v4. GSA is also seeking public input on several questions related to the federal government's use of LEED v4 and future GSA reviews of green building certification systems. Comments are due on or before March 23, 2015.

GSA Green Building Advisory Committee Announces Public Calls

GSA's Green Building Advisory Committee (GBAC) has announced the following calls: Meeting date: The meeting will be held on Thursday, April 23, 2015, starting at 9:00 a.m. Eastern Standard Time, and ending no later than 4:00 p.m. Task group conference call dates: The conference calls will be held according to the following schedule: The Portfolio Prioritization task group will hold conference calls every Monday from March 9, 2015 to April 20, 2015 from 11:00 a.m. to 12:00 p.m. eastern daylight time. The Energy Use Index task group will hold conference calls every Monday from March 9, 2015 to April 20, 2015 from 3:00 p.m. to 4:00 p.m. eastern daylight time.

Excerpts for the above were taken from ASHRAE web articles.



Proudly Invites You To Join Us For Our:

2015

ANNUAL BACKWATER FISHING TOURNAMENT

Saturday May 2nd , 2015

PRIZES will be awarded for:

- Best Team Catch (SNAPPER, REDFISH & TROUT) total combined weight
- 1st Place, 2nd Place, 3rd Place and (4th Place with over 15 boat entry)

* REDFISH with the most spots.

* MYSTERY FISH (HEAVIEST SINGLE FISH announced at captain's meeting)

* HEAVIEST Tournament fish by LADY ANGLER

* HEAVIEST Tournament fish by JUNIOR ANGLER

Entry Fee is \$75.00 per person

Paid entry includes:

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

Families Welcome!

Dinner tickets can be purchased separately for \$25.00 each. Children under 12 years of age are \$10.00 each. Weigh-in and awards dinner will be held at Woody's Waterside in St. James City at 3051 Stringfellow Road, St. James City, FL 33956.

A Mandatory Captain's Meeting will be held Friday May 1st, 2015 @ 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: Ashley Fernandez via phone at (813) 732-8495,
or e-mail at afernandez@bandicontractors.com***

ASHRAE (American Society of Heating, Refrigerating, and Air-conditioning Engineers), founded in 1894, is an international not-for-profit organization of 51,000 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.



2015 ANNUAL BACKWATER FISHING TOURNAMENT

Tournament Rules

Thank you for entering the Annual Southwest Florida Backwater Fishing Tournament hosted by the Southwest Florida Chapter of ASHRAE. The festivities will begin this year on Friday evening May 1st, 2015 at the Islamorada Fish Company Seafood Restaurant at Bass Pro Shops Fort Myers (located in the Gulf Coast Town Center). The Captains meeting begins 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.

Saturday morning May 2nd, 2015, 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 weigh-in will be at Woody's Waterside in St. James City at 4:00 PM with a Dinner starting at 5:00 PM. The awards, trophies, prize drawings, and raffle will be held during dinner. All Anglers must be present to win!

Prizes will be awarded for:

- Best Team Catch (SNAPPER, REDFISH & TROUT) total combined slam weight
 - 1st Place, 2nd Place, 3rd Place and (4th Place with over 15 boat entry)
- * REDFISH with the most spots.
- * MYSTERY FISH (HEAVIEST SINGLE FISH announced at captain's meeting)
- * HEAVIEST Tournament fish by LADY ANGLER
- * HEAVIEST Tournament fish by JUNIOR ANGLER

All fish caught and kept during this tournament must comply with Florida saltwater fishing regulations. Both artificial and live baits are allowed. This is a live weigh-in tournament. All fish must be kept alive and produced at weigh-in for judges to certify.

Florida Saltwater Fishing Licenses/ Endorsements are required and are your responsibility to acquire!

If you have not paid your entry fees and turned in your registration, please do so promptly.

Please direct all questions to: Ashley Fernandez via phone at (813) 732-8495, or e-mail at afernandez@bandicontractors.com



2015 ANNUAL BACKWATER FISHING TOURNAMENT

Saturday May 2nd , 2015

This is your opportunity to participate in sponsoring the state's only ASHRAE Backwater Fishing Tournament! All prior backwater fishing events were a huge success. This year we anticipate an even bigger turnout. Please be of 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 \$125.00 Company logo will be printed on T-shirt*
- Silver Medallion \$250.00 Two paid entry fees, Company logo on T-shirt*
- Gold Medallion \$500.00 Two paid entry fees (transferable to anyone you wish)*
- Company Logo on T-shirt and special recognition*

Sponsorship Data

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

Sponsor Level: (Please Circle One)

Bronze (\$125)

Silver (\$250)

Gold (\$500)

Please make checks payable to:

Southwest Florida ASHRAE
2701 Prince Street
Fort Myers, FL 33916
Attn: Ashley Fernandez

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 April 15, 2015 in order to get the logos on to the shirts!



2015 ANNUAL BACKWATER FISHING TOURNAMENT

Saturday May 2nd , 2015

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 04/15/2015** to:

Southwest Florida ASHRAE
2701 Prince Street
Fort Myers, FL 33916
Attn: Ashley Fernandez

Phone:(813)732-8495, Fax: (239)332-5928, or e-mail: ajfernandez@bandicontractors.com

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

Membership Promotion Night

Wednesday, March 11th



1). Bring 1 person to a meeting that is not CURRENTLY a member, get 1 Raffle Ticket.

2). If they join during the meeting, you get TWO Extra Tickets!

3). Best of all, their dinner for the night is FREE!

STEMtastic!

2015



Heather Hsi

From: LearningInstitute@ashrae.org
Sent: Tuesday, March 10, 2015 9:41 AM
Subject: Don't Miss the Upcoming HVAC Design Training in Atlanta

To avoid having ASHRAE messages blocked by spam-blocking software, add learninginstitute@ashrae.org to your address book.

ASHRAE's HVAC Design Training

HVAC Design: Level I—Essentials

ASHRAE's *HVAC Design: Level I — Essentials* provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

HVAC Design: Level 1—Essentials

When: March 16–18, 2015 | Atlanta, GA

Cost: \$1,239 (ASHRAE Member: \$989)

Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!

REGISTER



BONUS!

Get a FREE copy
of *Standard
189.1-2014* and
User's Manual.

A \$200 Value!



Register for **BOTH training sessions** to save money and fast track your experience level!

HVAC Design: Level II—Applications

ASHRAE's *HVAC Design: Level II — Applications* provides advanced instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I — Essentials training. In two days, gain an in-depth look into *Standards 55, 62.1, 90.1, 189.1* and the *Advanced Energy Design Guides*. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability / Green/LEED / HPB / NZEB
- Life Cycle Cost
- Standard 55
- Building Systems: Multi-story Office Building
- Standard 62.1
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Building Systems: Education Facility
- Water-to-Water GSHP Option 2 UFAD
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals

HVAC Design: Level II—Applications

When: March 19–20, 2015 | Atlanta, Ga

Cost: \$829 (ASHRAE Member: \$679)

Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!

REGISTER



BONUS!

Get a FREE copy of
*ASHRAE GreenGuide:
Design, Construction,
and Operation
of Sustainable
Buildings, 4th. ed.*

A \$100 Value!

Your Instructors



Julia Keen, Ph.D., P.E.,
Member ASHRAE , HBDP, BEAP
[view bio](#) →



Joel Primeau, P.Eng., Member
ASHRAE, HBDP, LEED® AP
[view bio](#) →

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