

In This Issue:

- Presidential Address..... 1
- March Dinner Meeting Flyer..... 2
- April Shrimp Boil Teaser..... 3
- Feb ASHRAE FWC Golf Tourney Photos.....4,5,6
- ASHRAE FWC – 2014/15 Committee Chairs... 7
- USF Bullarney Event..... 7
- Research Promotion..... 8
- HVAC Controls Conference Flyer..... 9
- Engineering & Facility Maint Show Flyer..... 10
- Sponsorships..... 11,12,13

Upcoming Events:

- March 17th – Dinner Meeting
- April 24th – Annual Shrimp Boil
- May 19th – Dinner Meeting

For More Information:

Mike Costello – 813.300.4662
<http://www.ashrae-fwc.org/>

From the Desk of the President Joseph Souza



Hello FWC!

Thanks!

First, a special thanks to Ethan Grabill and his team for an outstanding golf tournament. The course was completely sold out and I can't recall ever seeing a more fluid and fast-moving registration process. The weather was a bit iffy in the morning but the ASHRAE gods smiled upon us and it turned out to be a very nice day. Perhaps more importantly, I'd like to thank our sponsors and all of the great teams that participated in the event for helping to ensure the financial viability of the chapter. The golf tournament is the primary fundraiser for our chapter operations and the various FWC scholarships that are awarded to our students. Thank you all!

The year is quickly winding down, and our March meeting should be quite interesting with the presentation pertaining to data centers, followed by our annual Shrimp Boil in April, and culminating in our Past Presidents Night in May, which features a visit from ASHRAE President Bill Bahnfleth.

I hope to see everyone at the March meeting, and thanks again for your support of the Florida West Coast Chapter.



Research Promotion currently at 62.3% of goal...see Page 8

March Dinner Meeting



“Air Conditioning Applications in Data Rooms”

Tuesday March, 17th 2015

Columbia Restaurant—Ybor City

2117 East 7th Avenue, Tampa, Florida 33605

RSVP Now

Or go to: <http://www.ashrae-fwc.org/events/march-dinner-meeting-3/>

Cost: \$35 thru Paypal or \$40 day of Event

Registration

5:00-6:00 PM

Dinner Meeting

6:00-8:00 PM

For our March meeting, we will have Mr. Mike Lawler presenting to us: “Air Conditioning in Data Rooms”. Mike will present to us current trends in Data Rooms including advancements in servers, process cooling loads, and layouts for efficient system design. Mike has more than 30 years field experience in all aspects of commercial air conditioning. As a member of ASHRAE, AFCOM, and 7 x 24 he regularly attends conferences for continuing education on data center cooling. He is currently working on projects that improve cooling efficiency and airflow management in the data room. He is the Regional Manager for Data Aire, Inc., and has worked with them since 2006.

**Mike Lawler, ASHRAE Member,
Southern Regional Manager
Data Aire, Inc.**



1 PDH Credit hour will be provided.

E-Mail questions to Joe Cox at: jcox@sladerossinc.com or call: 813-250-0488

April ASHRAE FWC Shrimp Boil

Save-the-date: April 24, 2015



February 2015 ASHRAE FWC Golf Tournament Photos

Taken and submitted by Joe Souza







ASHRAE FWC - 2014/15 Committee Chairs

Gripes and Accolades – Joe Souza
 Programs – Joe Cox
 Research Promotion – Mike Costello
 Membership Promotion – Ike Crimm
 Student Activities – Dan Ronmosky
 Government Activities - Chris Pille
 Reception – Ethan Grabill
 YEA – Malia Powers
 Sustainability – Leon Boe
 Continuing Education – Al Lopera
 Special Events – Ethan Grabill
 Refrigeration - Chris Pille
 bEQ – Don Herrmann

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USF Bullarney 2015

Submitted by John Wells

University of South Florida
 College of Engineering Alumni Society
 Proudly Presents

Bullarney 2015

Saturday, March 21 • 6:00 - 11:00pm
Traditions Hall, Gibbons Alumni Center @ USF Tampa Campus

Ticket Includes Open Bar, Themed Food Stations, Music, Silent Auction
 and the thrill of Las Vegas Style Casino Games

Reserve by Feb. 1: \$75
After Feb. 1, Individual Tickets: \$100
Sponsorship Opportunities Available

All proceeds from Bullarney 2015 provide support for Engineering Alumni Society events, programs and sponsorships including but not limited to support engineering student scholarships, educational programs, travel grants and the Engineering II building renovation. The amount of your ticket, less the fair market value of goods and services received, may be tax deductible. Please consult your tax advisor.

USF ALUMNI ASSOCIATION ENGINEERING

For more information please visit: eng.usf.edu/bullarney

Research Promotion Submitted by Mike Costello

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 \$30,000 here locally for research. **I NEED YOUR HELP!**

Over the last few years I 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. I have made it my personal 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

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 mcostello@cea-engineers.com.

So far we are at 62.3% of goal. Deadline is June 30, 2015. I'd like to personally thank each and every investor so far. Below is where we currently stand:

ASHRAE Research Investors 2014-2015				
Individual Investors			Company Investors	
HR = Honor Roll participants \$100 min			HR = Honor Roll participants \$150 min	
Joe Souza	\$333.96	\$30,000	Original Solutions Company	\$250.00
Isaac Crimm	\$113.00	\$29,000	Consulting Engineering Associates	\$250.00
Joe Cox	\$101.00	\$28,000	Smith & Casady	\$250.00
Debie Horsey	\$101.00	\$27,000	Carrier Corporation	\$5,000.00
Malia Powers	\$101.00	\$26,000	LG / VCS	\$5,000.00
Leon Boe	\$101.00	\$25,000	Clay Shoot Fundraiser	\$2,228.27
Jason Proctor	\$101.00	\$24,000	SladeRoss	\$250.00
Mike Costello	\$101.00	\$23,000	Derek Embody & Company	\$500.00
Dan Rogers	\$1,339.16	\$22,000	Mitsubishi	\$1,000.00
Jennifer Isenbeck	\$301.00	\$21,000		
Shawn Jeffrey	\$248.64	\$20,000		
Ross Montgomery	\$100.00	\$19,000		
Ted Hansen	\$475.21	\$18,000		
Gary Stenlund	\$100.00	\$17,000		
Greg Gramlich	\$250.00	\$16,000		
Tom Williams	\$100.00	\$15,000		
		\$14,000		
		\$13,000		
		\$12,000		
		\$11,000		
		\$10,000		
		\$9,000		
		\$8,000		
		\$7,000		
		\$6,000		
		\$5,000		
		\$4,000		
		\$3,000		
		\$2,000		
		\$1,000		
		\$0		
Updated 3/12/15			Florida West Coast Chapter Donation	
		Current Campaign Total - \$18,695.24	62.3% of Goal	
		Campaign Goal - \$30,000	Money Required for Goal - \$11,304.76	



ASHRAE Central Florida
Chapter

BUILDING CONTROLS STRATEGY CONFERENCE

APRIL 2ND, 2015

HARRY P LEU GARDENS, 1920 N FOREST AVE, ORLANDO, FL

Registration and trade show opens: 7a

Programs: 8a – 4p

Trade show and cocktails: 4-5p

The Building Controls Strategy Conference is a comprehensive series of programs on the state of the art of building automation and controls, brought to you by the Young Engineers in ASHRAE (YEA) Committee

Cost:

ASHRAE Members: \$50

After 3/28, \$75

Non-ASHRAE Members: \$75

After 3/28, \$100

Registration is limited to the first 110 RSVP's and will sell out quickly!

Registration includes a morning coffee bar, chicken over mixed greens with a citrus vinaigrette for lunch*, and (2) tickets for afternoon cocktails during the trade show, all catered by Dubsdread

*vegetarian options available upon request

PDH's available, see program itinerary on page 2

The ASHRAE Central Florida Chapter thanks the following for their generous contributions:

Platinum Sponsors



Gold Sponsors



Silver Sponsors





FLORIDA BUILDINGS ENGINEERING & FACILITY MAINTENANCE SHOW

APRIL 29, 2015

FLORIDA STATE FAIRGROUNDS

TAMPA, FL

- **FREE ADMISSION**
- *See Hundreds of Exhibiting Companies*
- *Thousands of Products & Services on Display*
- **FREE EDUCATIONAL SEMINARS**
- *Learn How to Keep Your Buildings Running Safely and Efficiently*
- *Earn CEU Credit with the Association for Facilities Engineering (AFE)*
- *See Products & Services that **WILL SAVE YOU MONEY***

SHOW LOCATION

Florida State Fairgrounds
Expo Hall
4800 US Highway 301 North
Tampa, FL 33610

SHOW HOURS
(Exhibits)

Wednesday, April 29, 2015
9:00 am - 2:00 pm

CONFERENCE HOURS

Wednesday, April 29, 2015
9:00 am - 2:00 pm

REGISTER TO ATTEND @ MAINTENANCESHOWS.COM

TO BECOME AN EXHIBITOR CALL GENE PETRE at 321-784-5111

SPONSORS!!!

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



PLOTTER FOR SALE!!!

We would like to offer for sale our Oce plotter. It has a \$3,000.00 trade-in value. We are asking only \$1,200.00 for it. We are the original owners and it is still under service maintenance. It has the following specifications:

Oce TDS 400 Laser Plotter

SPEED:4 D-Size (36" x 24") Per Minute

MAXIMUM SIZE:36" x 500"

PAPER SOURCE: 2 Rolls

PAPER ROLL SIZES:18" to 36" 500 Foot Rolls

RESOLUTION:600 x 600 dpi

TONER YIELD:15,000 Square Feet

DIMENSIONS:(H x W x D) 50 x 53 x 40

If interested, please contact:

Warren G Hahn
wghahn@hahneng.com

Hahn Engineering, Inc.
3060 S. Dale Mabry
Tampa, FL 33629
Phone: 813-831-8599
Fax: 813-835-7046
www.hahneng.com

2014-2015 NEWSLETTER AND WEBSITE ADVERTISING 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 our most valuable resource for generating operating capital remains chapter sponsorships through paid advertisement. 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 20,000 individual IP computer hits since its launch in September 2013.

2014-2015 NEWSLETTER AND WEBSITE ADVERTISING PRICING PACKAGES

Please consider advertising in the Florida West Coast Chapter of ASHRAE's newsletter and/or website. Your advertisement is published 10 times per ASHRAE year in the emailed newsletter, and can be updated at any time with a new copy if desired. Advertising on the website includes a revolving advertisement at the bottom of each webpage that contains a link to your company website. The chapter encourages its members to review the newsletter and website whenever they consider a product for the project designs.

For the 2014-2015 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.

2014-2015 ASHRAE FWC Advertising Rates (All Rates are for the ASHRAE Year - September 2014 through June 2015)		
Ad Type and Size:	ASHRAE FWC Members Fee:	Non-Members Fee:
10 Monthly Newsletter Ads (Business Card Size) <i>Reaches over 1,000 people per month!</i>	\$100.00	\$150.00
10 Month Website Ad (Business Logo and Link Included) <i>Website has over 20,000 hits!</i>	\$250.00	\$300.00
10 Monthly Newsletter Ads and 10 Month Website Ad	\$300.00 <i>A savings of \$50.00!</i>	\$400.00 <i>A savings of \$50.00!</i>

Please indicate your interest in advertising with us by responding to the email address below and remit your business card and/or logo in either PDF or JPEG formats to Mike Costello. Please send payment to the address below made out to "ASHRAE Florida West Coast". Advertising fees shall be prorated based on the number of newsletter editions and website months remaining upon the purchasing of your advertising plan.

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

mcostello@cea-engineers.com

ASHRAE Florida West Coast Chapter
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