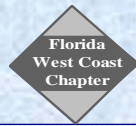


Keeping it Cool with ASHRAE



Florida West Coast Chapter
 ASHRAE
 3203 Queen Palm Drive
 Tampa, Florida 33619

From the Desk of the President

Those of you that attended the ASHRAE Winter Meeting already heard about the “rebranding” of ASHRAE with our new motto “Shaping Tomorrow’s Built Environment Today”. For more than 100 years, ASHRAE has provided guidance for HVAC&R. As time and technology have changed, so has ASHRAE, moving from focusing solely on HVAC&R to providing guidance for total building design, reconstruction, construction and operation.

In recognition of this evolution, ASHRAE is making some changes regarding how we brand the Society. Our promise for sustainability encourages us to improve the quality in the built environment while leaving a lasting legacy for future generations. The new ASHRAE brand supports our focus on improving engineering standards and our market position as a community of engineers and related professionals united by knowledge, mission and a code of ethics to design, construct and operate better places for people to live, work and play.



This is an exciting time for our Society our more than 52,000 members around the world to shape tomorrow’s built environment today.

That being said, we have an exciting and busy month of February for the FWC as well; with our YEA/Refrigeration Night and our Annual FWC Golf Tournament both coming up quickly.

February 7th, the Young Engineers in ASHRAE Event (YEA) as well as the FWC’s Refrigeration Night will be a tour of the ice making facility at the Tampa Bay Times Forum (formally the St. Pete Times Forum). The Lighting are playing the LA Kings; and we have secured a private party area with hamburgers, hot dogs, baked beans, potato salad, soda and water provided. Alcoholic drinks are currently on your own.

February 17th, the FWC Annual Golf Tournament at the Eagles Golf Course. Ike Crimm is putting this on again this year and as always will be highly attended and a excellent time for all.

Shawn M. Jeffrey, Sr., FWC President (2011-2012)



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Research Promotion

Hello Florida West Coast Chapter,

The Florida West Coast Chapter has collected over \$ 5,400.00, please be sure to recognize and thank those investors that are listed in this newsletter.

A special thank you to all the participants in the Energy Code Seminar. This event rose over \$1,500 for research. Christopher Mathis from MC² Mathis did an excellent job presenting and we thank him for the generosity of his valuable time and knowledge.

We are entering the last half of the fiscal year of ASHRAE. With all of your support we will reach our goal of \$21,500.

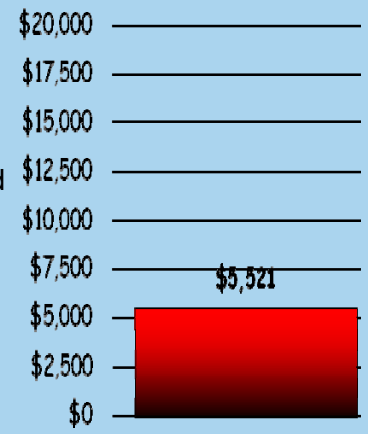
If you have not yet donated to Research Promotion, please make your valued contribution to this worthy cause.

Please make your contributions early this year either by check 'Payable to ASHRAE Research' and turn them in to me or if you prefer you can make online donations at https://www.ashrae.org/aboutus/resource_promotion.asp . If you have questions please let us help, contact Philippe Jean at 813-879-0383.

If you make a donation online, please forward me a copy of the emailed invoice so I can ensure that proper credit is given at pjean@stanweaver.com.

Thank you all for your support.

Philippe Jean, PE, LEED AP, Research Promotion Chair (2011-2012)



2011-2012 ASHRAE FWC Sponsors and Donators

Bronze:

Florida West Coast Chapter

Honor Roll:

Consulting Engineering Associates
Ossi Consultant Engineering
Aqua Air Products
Original Solutions Company

Individual Investors:

- | | |
|-----------------------|-------------------------|
| Malia Powers | Heather Tank, P.E. |
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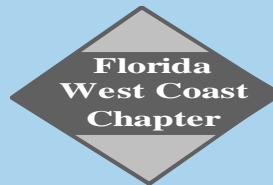
Free Dinner & Television from Membership Promotion

I'm happy to report that our MP promotion has resulted in 3 new members to date, and I look forward to seeing many new folks added to our roster by the May cut-off date for our TV promotion. One area that has not moved forward is advancements, and I'm asking any Associate members that have recently earned their PE, or met the 12-year experience requirement to reach out to the MP committee so we can process your advancement.

Just as a reminder... The rules of the contest are as follows:

Each FWC member that brings in a **new member** (as identified by Society) will receive a ticket for a drawing to be held during our Past President's night on May 15, 2012. There is no limit on the number of entries you may earn, so the more new members you bring to the organization, the better your chances of winning! Please be sure to let me know who you have sponsored so I can match their membership to your referral and award your entry ticket for the drawing; unfortunately, Society does not provide that data.

I can be reached by cell at 813-309-2155 or jsouza@filtrine.com



Joe Souza
Membership Promotion Chair (2011-2012)

ASHRAE Awards

ASHRAE's Honors and Awards Program recognizes the dedicated ASHRAE members who give freely of their time and expertise to fulfill the Society's mission of advancing the arts and sciences of HVAC&R to serve humanity and promote a sustainable world.

Any successful organization has a way of rewarding those who contribute to its mission in a meaningful manner – so it is with ASHRAE. Our award recipients exemplify the best in engineering and engineering technology by continually bringing credit to the profession and the Society.

ASHRAE is proud of the many contributions its men and women have made on behalf of the Society and to our industry. We encourage you to help us recognize those members who deserve to be thanked by nominating them for an appropriate award.

Please contact me if you would have any questions or would like to learn more.

Malia Powers, TEGA Chair (2011-2012)

How to Contribute to ASHRAE Made Easy

2010-2011 ASHRAE RESEARCH, Florida West Coast Chapter

Contribution Form:

This industry gives all of us our livelihood. ASHRAE's research and educational programs are what keeps our industry and profession on the leading edge and assures its continued existence. Confident that you will recognize the benefits of this investment, I am asking you to help fund future HVAC&R research and development.

Amount enclosed: ___ \$250 ___ \$150 ___ \$100 ___ \$50 ___ Other (specify) _____

Name: _____

Address: _____

Phone Number: _____ Member Number (If known): _____

Mail completed form with your check, payable to ASHRAE Research to:
Philippe Jean, Stan Weaver and Company, 4607 North Cortez Avenue, Tampa, FL 33614

ASHRAE Announces Energy Modeling Conference

ATLANTA – An upcoming ASHRAE specialty conference seeks to advance the industry's ability to more accurately model and simulate a building's energy use.

ASHRAE's Energy Modeling Conference – Tools for Designing High Performance Buildings is slated for Oct. 1-3, 2012 in Atlanta. The conference will guide building design professionals about what does and does not work when using currently available modeling tools to design and analyze buildings and their energy using systems.

"The conference will provide the design professional with 'workarounds' that may be applied to improve the results of their modeling results when their modeling tool of choice may not be capable of modeling some of the more unique or hybrid buildings or energy using systems being used in high performance buildings today," Dennis Knight, conference chair, said.

With a focus on case studies and real world examples, the conference will allow an exchange of ideas among design professionals and software developers to facilitate understanding of current modeling tools and their capabilities and limitations and identify the need for new tools and improvements to existing modeling and simulation tools. The conference will guide design professionals toward developing in-house modeling checklists and quality control procedures to improve their competence and confidence in making decisions and recommendations based on modeling in their day-to-day practices.

Building on the successful Energy Modeling Conference format in April 2011, this conference will begin with an interactive session with modeling software developers presenting common modeling scenarios on how their specific software can model a scenario, whether there are any limitations and what might be the best work around and exceptional modeling practices to obtain acceptable results when the tool cannot model the scenario out-of-the-box.

Call for Presenters:

ASHRAE seeks presentations on case studies and actual projects and how they were analyzed and designed using modeling tools as well as integrated and interoperable modeling tools to best optimize buildings and energy-using systems.

Presentation abstracts are requested on the following topics:

- HVAC load analysis
- Energy modeling
- Side-by-side software provider presentations on their ability to address specific modeling system types and applications and energy simulation programs
- Code and standards compliance issues
- ENERGY STAR, LEED® and other high performance building guidelines' impacts on models
- Innovative system modeling: chilled beams, water source heat pumps, renewables, variable refrigerant flow, co generation, labyrinths, electronically commutated motors
- Integration of analytic modeling tools with building information modeling
- Exceptional modeling techniques for when tools just do not work
- Simplified and rapid modeling techniques that may be applied for early analysis.
- Integration of daylighting, computational fluid dynamics and other exceptional modeling techniques and results into HVAC simulations
- Life cycle cost analysis

To submit a presentation application, visit www.ashrae.org/EMC2012. Information required for the submission are a 300-500 word abstract, 100 word "promotion" abstract and other information.

Presenters will give an oral presentation, have their presentations posted online for conference attendees and receive a substantially-reduced conference registration rate.

Presentation Schedule:

Full Page Abstracts Due: Feb. 15, 2012

Notification of Abstract Decisions: March 15, 2012

Accepted Speaker Forms Due: April 15, 2012

Presentations Due: Sept. 1, 2012

Conference: October 2012

For more information, go to www.ashrae.org/EMC2012.

Past Presidents

1957-58 Karl K. Hickman	1984-85 Charles E. Langbein
1958-59 Sam F. Graziano	1985-86 Thomas H. Williams
1959-60 Julian Johnson	1986-87 Caire A. Boe
1960-61 Ken Whittington	1987-88 Frank Grandinetti
1961-62 Mark E. Mooney	1988-89 Carl B. Lawson
1962-63 James A. Hargan	1989-90 Robert M. Little
1963-64 Daniel R. Manrique	1990-91 Edward C. Spivey
1964-65 E. J. Bauerlien	1991-92 Robert P. Sutton
1965-66 Henry Graham	1992-93 Roger B. Redman
1966-67 Richard Kohle	1993-94 Stephen Chittenden
1967-68 Lamar King/Leland Menard	1994-95 William M. Slade
1968-69 Ed Fuller	1995-96 Juan A. Soler
1969-70 William A. Smith	1996-97 Timothy J. Citek
1970-71 Fared T. Ossi	1997-98 Mark Smith
1971-72 Lee Bendall	1998-99 Joseph Griner, III
1972-73 John Degian	1999-00 Colleen Smith
1973-74 Mark Chambers	2000-01 John W. Wells, III
1974-75 Charles "Stan" Weaver	2001-02 Gary Stenlund
1975-76 Charles D. Jacobs	2002-03 Bill Wright
1976-77 Peter Scott	2003-04 Don Crosby
1977-78 Ray Rinke	2004-05 Ted S. Hansen, Sr.
1978-79 Lloyd H. Biossoneault	2005-2006 P.J. Crespo
1979-80 James H. Carroll, Jr.	2006-2007 Dan Herrera
1980-81 S. Michael Tappouni	2007-2008 Jennifer Isenbeck
1981-82 Alberto J. Sanchez	2008-2009 Debie Horsey
1982-83 James L. Repp	2009-2010 Drew Elsberry
1983-84 Rodney C. Thomas	2010-2011 Jeff Ross



Professional Engineer Position (Mechanical)

University of South Florida
 Facilities Planning and Construction
 4202 East Fowler Avenue
 Tampa, FL 33620
 Hiring Salary/Salary Range: Negotiable

Duties:

The position provides mechanical engineering services for specific departments within the University and is responsible for planning and designing systems, preparing engineering plans and specifications, estimates, project management (major, minor projects) studies, review of projects, developing building standards (major, minor projects), strategies for building inspection. Responsible for campus energy/ sustainability master plan. Provide code reviews for major and minor projects. This position oversees construction and recommends final acceptance of project, coordinates engineering matters within the registered discipline, and oversees engineers, city and county officials, and other state agencies regarding the design and construction of systems. This position may supervise other employees. Supports the Building Code Administration Program by ensuring applicable outside Agency Permits, as required, are identified, acquired and cleared for use for all affected projects. Provides inspection for code compliance as licensed.

Minimum Qualifications

The position requires master's degree in Engineering or an appropriate area of specialization; or a bachelor's degree in Engineering or an appropriate area of specialization and two years of appropriate experience. Directly related career experience may be substituted for the degree requirements on a year for year basis. Experience in project management for major projects, master planning, LEED certified projects.

Preferred Qualifications

5-8 years of appropriate experience. Central Plant and Infrastructure Planning, Development and Operations.

Special Skills/Licenses/

Training/Certifications Necessary:

Registration as a professional engineer in accordance with Chapter 471, Florida Statutes is required.

Board Members, Committee Chairs and Contact Info:

<u>Shawn Jeffrey</u> President 813-731-1062	<u>Jason Proctor</u> Pres. Elect/Programs 813-250-0488	<u>Philippe Jean</u> V.P./Research Promotion 813-541-3516	<u>Joe Souza</u> Membership 813-309-2155	<u>Joe Cox</u> Treasurer 813-763-9654	<u>Mike Costello</u> Secretary/Student 813-300-4662
<u>Leon Boe</u> YEA Chair/Governor 813-879-2749	<u>Dan Herrera</u> Historian 813-839-0506	<u>Ike Crimm</u> Governor/ Golf Event 813-758-2749	<u>Debie Horsey</u> Refrigeration 813-748-9406	<u>Malia Powers</u> Government Affairs 813-220-0588	<u>Michael Cowles</u> Newsletter/Governor 813-241-6488
<u>Jeff Ross</u> Nominating/Governor 813-250-0488	<u>Technical Energy</u> Joe Souza 813-309-2155	<u>Jacob Moberg</u> Reception 813-448-0225	<u>LAIR Services</u> Cyber Chair 813-404-2955	<u>Eric Viera</u> Chapter Roster 813-448-0225	<u>Could Be You?</u> Publicity ???



Please Join the FWC
Chapter of ASHRAE for

YEA/Refrigeration Night

Tampa Bay Times Forum Plant Tour and Hockey Game
Tuesday, February 7, 2012

Plant Tour begins promptly at 5:30 pm
Meet at Gate D

Tampa Bay Lightning vs. Los Angeles Kings

at 7:30 pm

\$35 per person includes
Game Ticket, Plant Tour and access to the Party Deck Area
with Hamburgers, Hot Dogs, Baked Beans,
Potato Salad, Soda and Water

"YEA" is the Young Engineers of ASHRAE, 35 years of age or less

ALL are welcome! Bring a guest!

RSVP NOW!

Contact Leon Boe for more information
leon@glspies.com • (813) 728-9257





**ASHRAE - Florida West Coast Chapter
Annual Golf Tournament
Friday, February 17th 2012 @ 12:30pm**

Sponsorship Levels:

- \$700.00..... Gold Team Sponsor...save \$50**
Includes: 4-some Golf Team + Tee Box Sign (1) + Hole Pin Flag (1)
- \$560.00..... Silver Team Sponsor...save \$40**
Includes: 4-some Golf Team + Tee Box Sign (1)
- \$520.00..... Bronze Team Sponsor save \$30**
Includes: 4-some Golf Team + Hole Pin Flag (1)
- \$2,000.00..... Event Shirt Sponsor**
Company name/logo embroidered on sleeve of polo shirt given to each golfer & volunteer
- SOLD..... Tote-Gift-Bag-Sponsor**
Company name/logo recognition on Tote-Gift-Bag given to all Golfers
- \$750.00..... Beverage Cart/Snack Sponsor – (1) sponsor per 9 holes; (2) sponsorships available**
Company name/logo recognition on Beverage Cart
- SOLD..... Golf-Cart-Sponsor**
Company name/logo recognition on each Golf-Cart
- SOLD..... Lunch-Sponsor**
Company name/logo recognition on signage at Lunch-serving station
- SOLD..... Golf-Towel-Sponsor**
Company name/logo on Golf-Towel given to each golfer
- SOLD..... Putting-Contest-Sponsor**
Company name/logo recognition on signage at Putting-Contest
- SOLD..... Awards-Dinner-Sponsor**
Company name/logo recognition on signage in Clubhouse during Awards Dinner
- \$200.00..... Tee Box Sponsor**
Company name/logo featured on a sign prominently displayed at a Tee Box
- \$150.00..... Longest Drive Sponsor**
Company name/logo recognition on signage at Tee Box for hole
- \$150.00..... Closest to the Pin Sponsor**
Company name/logo recognition on signage at Tee Box for hole
- \$150.00..... Hole Pin Flag Sponsor**
Company logo featured on weatherproof Pin Flag placed at hole on course / returned to sponsor after event
- \$100.00..... Individual Golfer**
Includes: Bag Lunch, Practice @ Range, Gift Bag, Golf & Cart Fee, and Awards Dinner



Donations of your company's logo items are also welcome for inclusion in the participant Gift Bag or as Raffle Prizes

Location: The Eagles Golf Club of Tampa Bay
Forest Course
16101 Nine Eagles Dr.
Odessa, FL 33556
Ph# 813.920.6681



Special Contests Longest Drive hole, Closest to the Pin hole, and Putting Contest

Schedule: 10:30am Registration Begins, Practice at the Range, Receive bag lunch
12:30pm Shotgun Start of Golf Tournament (4-person Scramble format)
5:30pm Reception and Awards Dinner (approximate time)

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Mission: Founded in 1894, ASHRAE is an international nonprofit technical engineering society. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration (HVAC&R) to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

Research: ASHRAE's research program, established in 1912, supports 140 research projects with a combined value of more than \$15 million. Research focus includes energy and resource efficiency, indoor environmental quality, design and operation and management tools, alternative technologies and materials and equipment. Through scholarships, grants and awards, the Society supports engineering education for undergraduate students and research projects for graduate engineering students and new post-doctoral scholars.

[Proceeds from the ASHRAE-FWC Golf Tournament benefit ASHRAE RESEARCH and Local Chapter](#)



ASHRAE - Florida West Coast Chapter Annual Golf Tournament

Friday, February 17th 2012 @ 12:30pm

Registration Information / online @ www.ASHRAE-FWC.org
All Payments Required Prior to Day of Event

Corporation /Name: _____

Contact and Title: _____

Mailing Address: _____

City/State/Zip: _____

Phone: _____

Email Address: _____

Golfer #1 Name: _____ Shirt Size: _____

Golfer #2 Name: _____ Shirt Size: _____

Golfer #3 Name: _____ Shirt Size: _____

Golfer #4 Name: _____ Shirt Size: _____



Sponsorship

Type/Level: _____ Qty: _____ Fee: \$ _____

Type/Level: _____ Qty: _____ Fee: \$ _____

Total Sponsorship Fees: \$ _____

Submit JPEG/Vector file LOGO by January 27th, 2012 to: isaaccrimm@engineer.com

Payment Information:

Use PayPal online at: <http://www.ashrae-fwc.org/golftournament.htm>
 OR...make checks payable to ASHRAE-FWC and mail to the following address:
 ASHRAE-FWC Golf Tournament C/O Isaac Crimm
 1511 N. Westshore Blvd., Suite #820
 Tampa, FL 33607
 For more information please email questions to: isaaccrimm@engineer.com

Event Photos from 2011 ASHRAE-FWC Golf Tournament

