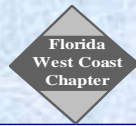


Keeping it Cool with ASHRAE



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

From the Desk of the President



According to my kids, the world has ended. Summer is over and school is back in session. There is nothing you can do as a parent that is crueler than making your kids get up before lunch time, get dressed, actually eat breakfast and go off to school. You know, school. That place where their minds get enriched and they learn to become useful members of society. Well the kids may have had 90 days of sheer summer bliss but your ASHRAE board has been very busy during the off months preparing for the upcoming year. Our primary focus this summer was to reenergize the Monthly Programs and Chapter Activities.

Our first meeting of the year will be on September 18, 2012 at the Columbia Restaurant. The topic will be Florida Energy Codes and ASHRAE 90.1-2013 by Chris Mathis, ASHRAE Distinguished Lecturer. Please see the meeting flyer in the Addenda.

We have a lot of new things happening for the Monthly Programs this year, such as alternate locations, and Joint Meetings with RACCA and USGBC. We are also bringing back the technical sessions that will be

based on fundamentals of the evening's topic. These will primarily be geared toward YEA and student members. In case you did not know, the tech sessions are those smaller meetings that take place while everyone is in the bar.

We had 12 FWC members attend the Chapters Regional Conference (CRC) which was held August 9th-11th in Miami Beach. The CRC is where the Chapters carry forth any motions or issues from members to the regional board for review. This year we carried forth two such motions; both of which were accepted and will be carried forward to the applicable national committees. Also, during the CRC, the incoming chairs received training and ideas from other chapters and Regional Leaders.

One of the highlights of the CRC was the awards ceremony where The Florida West Coast Chapter continued the set the standard in Region XII. Below is a list of the awards presented:

- Best Chapter in Region XII – Florida West Coast
- Best Section in Region XII – Sarasota Bradenton Section
- Best Membership Promotion Chair in Region XII – Joe Souza
- Best Research Promotion Chair in Region XII – Philippe Jean
- Best Refrigeration Chair in Region XII – Debie Horsey
- Best CTTC Chair in Region XII – Jason Proctor
- Chapter Service Award – Jeff Ross
- PAOE Sustainability Award – Shawn Jeffrey
- PAOE Star Award (PAR in all categories)
- Research Promotion Full Circle Award

Inside This Addenda Issue:

Presidential Address	1
Research Promotion	2
Membership Promotion	3
ASHRAE Refrigeration Awards	4
First Meeting of the Year Flyer	6
FWC Clay Shoot Tournament	7
Advertise with FWC ASHRAE	9

I look forward to serving our members this year as the Florida West Coast Chapter President. If you have any ideas or suggestions, please feel free to contact me.

Jason Proctor, FWC President (2012-2013)



Florida West Coast Chapter

SEPTEMBER 18, 2012

R. CHRISTOPHER "CHRIS" MATHIS
 President, MC2 Mathis Consulting Company



The Florida West Coast Chapter of ASHRAE is proud to introduce Chris Mathis as our speaker on September 18, 2012 at the Columbia Restaurant in Ybor City about:

Energy Codes, Florida and ASHRAE 90.1-2013:

From the Already Chaotic Present to a More Challenging Future

R. Christopher "Chris" Mathis is a building scientist who has spent the past 30 years focusing on how buildings and building products perform – from energy efficiency to code compliance to long-term durability and sustainability. ASHRAE Member and Distinguished Lecturer Chris Mathis will take us on an informative and humorous romp through the history of codes, how ASHRAE 90.1 has changed and is changing, and why Florida risks becoming an island in this sea of change. He's shoving a 4-hour workshop into an hour of fun – so you may want to plan to get the full story from Chris following this monthly ASHRAE meeting presentation.

Please RSVP on the FWC website at: http://www.ashrae-fwc.org/chapter_meetings.htm

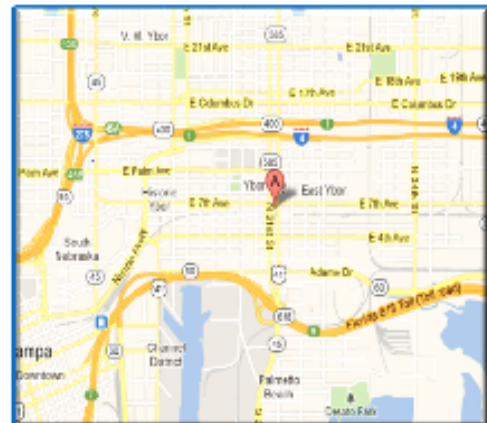
Cost: \$35 thru Paypal or \$40 day of Event
 (It is still \$40 day of even if you RSVP but do not pay thru Paypal)

Email me with any questions or to RSVP @ pjean@stanweaver.com or call (813)879-0383.
 Philippe Jean, P.E., FWC Programs Chair

Meeting Schedule:

- Board Meeting: 4:15pm — 5:30pm
- Registration: 5:00pm — 6:00pm
- Main Meeting: 6:00pm — 8:00pm

Columbia Restaurant
 2117 East 7th Avenue
 Ybor City, Florida 33605



Research Promotion

Welcome Back! I hope everyone enjoyed their summer break, and welcome to the 2012-2013 ASHRAE year.

Our chapter has again been tasked with a goal of \$21,000 for our Research Promotion drive this year, and our RP committee is already hard at work raising money to support the future of our industry... after all, we are the best darn chapter in the region! I'm happy to report that the chapter achieved Full Circle by the end of July (a hearty "thanks" to our chapter leadership team), and we've currently raised \$3557 in RP donations.

I'm pleased to announce that we will host the 3rd annual *FWC Research Promotion Clay Shoot* on November 9th, please mark your calendar and make plans for a great time. Likewise, we've added some great sponsorship opportunities this year and we'll be sharing these with you shortly.

Why is it important for all of us to support ASHRAE Research? Simple... just imagine life with no air conditioning, no refrigeration... I suspect that Florida would be a far less populous state had it not been for research in the HVAC-R industry. I hope that the industry has been good to you, and I ask that you generously help our chapter be good to the industry by supporting our fundraising drive.

A FEW PENDING RESEARCH PROJECTS:

° **1262-RP Relate Air Quality and Other Factors to Comfort and Health Related Symptoms Reported by Passengers and Crew on Commercial Transport Aircraft**

- 2.2 billion passengers fly every year
- 250,000 people in the air every hour of the day, 365 days a year
- ASHRAE- Examining the link between cabin air quality and health

° **1257-TRP, Indoor Environmental Effects on the Performance of School Work by Children**

° **1320-RP, The Impact of Household Refrigerator Storage Conditions on Shelf-Life of Fruits and Vegetables**

You get the picture... you know the importance of ASHRAE research. Will you please help us achieve our 2012-2013 RP goal? Please log on to <http://www.ashrae.org/contribute> and make your generous contribution online while you're thinking about it. We appreciate your support!

Joe Souza
Research Promotion Chair (2012-2013)

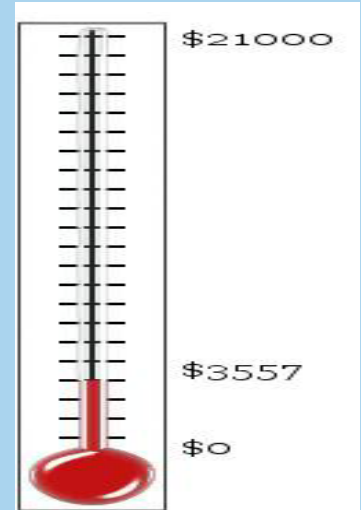
2012-2013 ASHRAE FWC Sponsors and Donators

Individual Endowment (\$2500 and Up):

Mr. Philippe B Jean

Individual Honor Roll (\$100 and Up):

Mr. Mike Costello	Mr. Michael J Cowles
Mr. Isaac W Crimm	Mr. Alberto J Sanchez
Mr. Jason C Proctor	Mr. Joseph R Cox
Mr. Joseph D Souza	Mr. Shawn M Jeffrey
Mr. Jasper S Scott	





THE 3rd ANNUAL FLORIDA WEST COAST

Sporting Clay Shoot

**2012-2013
Research Promotion
Kick-Off!**

Date: November 9, 2012

Time: 1 pm

Register by: October 31, 2012

This will be a 100 bird shoot. Included in the price is a catered BBQ pork lunch prior to the shoot.

Entry fees:

- \$80 for "Chapter" members (Chapter dues current)
- \$90 for non-members
- Shotguns are available for rent for \$30
- Ammo can be provided for \$35 for 100 shells
- Golf Cart Rental \$25 for a team of 4
- Stand Sponsorship with Company Logo \$ 150.00

A limited number of carts and shotguns are available for rent, so get your registration in early to guarantee one!

**Additional Sponsorship
Opportunities Available
Contact Joe Souza for details!**



Location:

Fishhawk Sporting Clays
13505 Hobson Simmons Rd
Lithia, FL 33547
813.689.0490
www.fishhawkclays.com

Additional Information:

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

Contact Joe Souza at 813-308-2155 or joseph.souza@lge.com

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

ASHRAE Clay Shoot
c/o Joe Souza
4208 Fox Ridge Blvd.
Wesley Chapel, FL 33543



Team Captain Name:	Team Member Names:	Total:
1.) _____	2.) _____	\$ _____
Phone Number : _____	Shotgun Rental: Yes / No	
Email: _____	Buy Ammo: Yes / No Gauge: 12 / 20	
ASHRAE Number : _____	3.) _____	
Shotgun Rental: Yes / No	Shotgun Rental: Yes / No	
Buy Ammo: Yes / No Gauge: 12 / 20	Buy Ammo: Yes / No Gauge: 12 / 20	
Stand Sponsor: Yes / No	4.) _____	
	Shotgun Rental: Yes / No	
	Buy Ammo: Yes / No Gauge: 12 / 20	

**** PROCEEDS BENEFIT ASHRAE RESEARCH - THANKS FOR YOUR SUPPORT! ****

Membership Promotion

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.

If you have any questions, please contact me at: 813-250-0488, or jcox@sladerossinc.com.

Joe Cox
MP Chair (2012-2013)

ASHRAE Government Affairs

It's a new year for Florida West Coast ASHRAE chapter and time again to look into projects that may qualify for the ASHRAE Technology Awards!

If you have been involved in or know of a recent project that has been occupied for at least a year, get it recognized! The ASHRAE Technology Awards starts at the Chapter level. Locally awarded recipients may go on to the Regional and Society Award competitions to be recognized as leaders in sustainable and cutting-edge building design. The application is relatively simple and the deadline in March 2013 will be approaching fast. If you have any suggestions of building projects we encourage you to apply.

In addition, as your Tega representative, my goal is to track any discussions and/or meetings that members of the Florida West Coast Chapter may have in educating government officials (at any level of government including school boards, city, county and state employees, and university folks) in which ASHRAE related topics were discussed. If you have not received your TEGA update cards, let me know as I'll have additional copies at our next chapter meeting.

Let's have a great 2012-13 year!

Malia Powers
Government Affairs Chair (2012-2013)

How to Contribute to ASHRAE Made Easy

2012-2013 ASHRAE RESEARCH **Florida West Coast Chapter** **Contribution Format:**

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.

Contact: Joe Souza
4208 Fox Ridge Blvd, Wesley Chapel, Florida 33543
(813-308-2155 or joseph.souza@lge.com)



Shaping Tomorrow's
Built Environment Today

ASHRAE STUDENT TRANSFER FORM



save money. save time. transfer online.
www.ashrae.org/smartstart

Mr. Miss Ms. Mrs. Member No. _____ *Birth _____ / _____ / _____
(Month) (Day) (Year) *Required for membership demographics

Name _____
(First) (Middle) (Last) (Designation)

Current Address: (This will be where all correspondence will be sent unless otherwise specified)
 Address _____
 City _____ State/Province _____ Zip/Postal _____ Country _____

Permanent Address: (OPTIONAL - During the summer months and after graduation)
 Address _____
 City _____ State/Province _____ Zip/Postal _____ Country _____

Business Address: (OPTIONAL - Fill out this section and check the box below if you prefer correspondence mailed to your business address)
 Address _____
 City _____ State/Province _____ Zip/Postal _____ Country _____

E-mail _____ Alternate E-Mail _____
 Telephone _____ Fax _____

ASHRAE Email Usage Policy - ASHRAE respects the privacy rights and communication preferences of its members. To support ASHRAE's commitment to sustainability, ASHRAE actively seeks to reduce the amount of paper and mail used to communicate Society information. By supplying your email address, you are agreeing to receive electronic communications from ASHRAE, with the knowledge that you may opt-out of certain types of electronic communication once you become a member. Occasionally ASHRAE makes under proper safeguard physical address mailing lists - not email - to third parties for HVAC&R technology related direct mail purposes. If you DO NOT wish to receive these physical mailings please check here.

Please select preferred method of contact? Current Address Permanent Address Business Address

What version of the ASHRAE Handbook would you like?
 I-P (inch/pound units version) SI (metric units version) CD (I-P & SI)

Method of Payment
 By completing the payment option below and submitting the student transfer program form, ASHRAE will charge the amount selected below to your credit card.

\$120: For all three years (\$20-\$50-\$50) \$20: For one year only (your next two renewals will be \$50/year)

Visa Mastercard American Express Check or money order Enclosed Amount
(Checks must be payable to ASHRAE in US funds drawn from a US bank.)

Card # _____ Expiration Date _____ / _____ CVV _____
(Month) (Year)

Name on Card _____ Signature _____

To receive your subscription to the ASHRAE Journal, please answer the following questions by entering the appropriate codes in the spaces provided.

Which best describes your firm?
 11. Consulting Engineering
 12. Architect/Architectural & Eng Services
 15. Design/Build
 21. Contractor
 26. Property Mgmt & Dev
 27. Industrial Facility
 41. Commercial Facility
 42. Government, Healthcare, Education
 43. Utility
 51. Manufacturer/MNC/Equip
 61. Manufacturer's Representative
 62. Sales Engineering
 71. Wholesaler or Distributor
 82. Library
 84. Technical, Professional or Trade Association
 86. Student ***
 91. Other (Please Specify) _____

Which best describes your title?
 B. President
 C. Partner
 D. Associate
 E. Owner
 F. Vice President
 G. Vice President Eng, Chief Engineer
 K. Design Engineer
 L. Project/Application Engineer
 O. Facility Engineer/Manager
 F. Research/Development Engineer
 R. Sales Engineer, Sales
 S. Purchasing Agent
 T. Draftsperson
 U. Estimator
 W. Technician
 X. Instructor/Professor
 Y. Student ***
 Z. Librarian
 ZZ. Other (Please Specify) _____

Which best describes your function?
 1. Design/Application
 2. Manufacturing
 3. Maintenance/Operations
 4. Management
 5. Sales
 6. Research
 7. Teaching
 8. Other (Please Specify) _____

MAIL OR FAX BACK COMPLETED FORM ALONG WITH APPROPRIATE FEES TO:
 American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. • 1791 Tullie Circle NE, Atlanta, GA 30329
 Phone: 1-800-527-4723 (U.S. and Canada) • 404-636-8400 (world-wide) Fax: 404-321-5478 • www.ashrae.org

ASHRAE Refrigeration Rewards

It's time for FWC to be recognized for our outstanding engineers and the projects they design....so contact me (dhorsey@carrollair.com) and tell me about your projects as detailed below and I will get them entered for you!!!!

Introducing the ASHRAE Refrigeration Awards:
Milton W. Garland Commemorative Refrigeration Award for Project Excellence
Refrigeration Comfort Cooling Award for Project Excellence

The Refrigeration Committee of ASHRAE seeks to promote refrigeration education and development at all levels of the society. As a part of these activities, the Committee can recognize and honor two projects annually for excellence. These two awards are the Milton W. Garland Commemorative Refrigeration Award and the Refrigeration Comfort Cooling Award.

The Milton Garland and the Comfort Cooling awards are given to project designers and owners to recognize innovative concepts, incorporation of new technologies, or solutions to complex refrigeration problems. These awards communicate innovative solutions to other ASHRAE members and highlight the technical achievements of ASHRAE members to associated professionals, other societies, and other refrigeration facility owners.

For each winning award the project's designer receives a plaque at ASHRAE's winter meeting. The winning project is described in the printed program along with the names of the awardees. The project's owner is honored with a plaque at a refrigeration program meeting of the local ASHRAE Chapter. And the local Chapter receives a felt patch to go on its award banner. Winning projects are announced in Insights, the ASHRAE Newspaper; and a news release is developed and distributed to the Chapter and award recipients for use in other publications and media. Documentation accompanying the winning projects is also made available to ASHRAE's Journal.

Refrigeration plays a critical role in the health, safety, and comfort of humanity. Sharing inventive solutions and technological developments ensures that the refrigeration field continues to advance in meeting these needs. Participation in these Award competitions brings peer recognition to innovative projects, recognizing the commitment made by owners and the technical proficiency of the project design team. Additional information can be found at the ASHRAE web site www.ashrae.org/refrigeration.

Debie Horsey
Refrigeration Chair (2012-2013)

Advertise with ASHRAE

Your companies name and line can be advertised here.
Contact Michael Cowles with the ASHRAE
Florida West Coast Addenda Newsletter
today to learn how and see the flyer on the next page.

Michael Cowles
FWC Addenda Newsletter Editor
(813)-241-6488
mike.cowles@kpiengineering.com



Please consider advertising in the Florida West Coast Chapter of ASHRAE’s newsletter and website. Your advertisement is published 10 times per year, and can be updated through the year with a new copy if desired. In addition, your business card will be scanned and included on the chapter website, and your company name and contact information is included on the Chapter Affiliates page of the website. The chapter encourages its members to review the newsletter and website whenever they consider a product for the project designs.

For the 2012-2013 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.

2012-2013 ASHRAE FWC Advertising Rates (All Rates are for the Business Year Including 10 Newsletter Publications and 10 Months of Information Placed on the Florida West Coast Brand New Website)		
Ad Type and Size:	ASHRAE FWC Members Fee:	Non-Members Fee:
1/4 Page Newsletter/Website Ad (Include Business Card on Website)	\$125.00	\$150.00
Half Page Newsletter/Website Ad (Includes Business Card on Website)	\$200.00	\$250.00
Full Page Newsletter/Website Ad (Includes Business Card on Website)	\$350.00	\$400.00
Monthly Full Page Newsletter Ad (Includes Business Card on Website)	\$75.00	\$100.00
Monthly Full Page Website Ad (Includes Business Card on Website)	\$100.00	\$150.00

Please indicate your interest in advertising with us by responding to the email address below and remit your ad copy in either PDF or JPEG formats to Mike Cowles. Please send payment to the Chapter address below to ensure placement of the ad in the September edition of the newsletter. Advertising fees shall be prorated based on the number of newsletter editions remaining upon the purchasing of your advertising plan.

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

mike.cowles@kpiengineering.com

Florida West Coast Chapter of ASHRAE
 3203 Queen Palm Drive · Tampa, Florida 33619 · (813)-241-6488

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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 Fareed 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
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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
	2011-2012 Shawn Jeffrey, Sr.

Upcoming FWC Events

September 18, 2012:

ASHRAE 90.1-2012
Speaker: Chris Matthews DL
Membership Promotion Night

October 16, 2012:

ASHRAE 62.1-2010
Speakers:
Al LaPera
John Sigenthaler
Philippe Jean, PE

November 9, 2012:

3rd Annual Florida West Coast
Clay Shoot Tournament
Fish Hawk Clays

November 13, 2012:

ASNI ASHRAE 149 2000
Speaker: Bryce Wentworth

December 18, 2012:

ASHRAE 3738 (RP-592)
Thermal Storage Round Table
Panel Discussion
Refrigeration Night

All Meetings Start at 6:30 PM.



Board Members, Committee Chairs and Contact Info:

<u>Jason Proctor</u> President 813-250-0488	<u>Philippe Jean</u> Pres. Elect/Programs 813-541-3516	<u>Joe Souza</u> V.P./Research Promotion 813-309-2155	<u>Joe Cox</u> Membership 813-250-0488	<u>Mike Costello</u> Treasurer/Shrimp Boil 813-300-4662	<u>Ike Crimm</u> Secretary/Golf Event 813-288-1500
<u>Leon Boe</u> YEA Chair/Governor 813-879-2749	<u>Dan Herrera</u> Historian 813-839-0506	<u>Jeff Ross</u> CTTC Chair 813-250-0488	<u>Debie Horsey</u> Refrigeration 813-748-9406	<u>Malia Powers</u> Governor/TEGA Chair 813-220-0588	<u>Michael Cowles</u> Newsletter/Governor 813-241-6488
<u>Shawn Jeffrey</u> Nominating/Governor 813-250-0488	<u>Michael Cowles</u> Facebook Page 813-241-6488	<u>Jacob Moberg</u> Reception Chair 813-448-0225	<u>Cyber Chair</u> Jason Babinec 813-620-6152	<u>Eric Viera</u> Chapter Roster 813-448-0225	<u>Chris Brown</u> Publicity 813-784-1740