



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



Keeping it Cool with ASHRAE



Special points of interest::

- > Next Monthly Meeting Tuesday October 20th, 2009
- > A big thank you to everyone who had a hand in making our CRC one of the best ever.



From the President

Welcome back, everyone!

It's that time of year again when footballs get kicked off, leaves change color (in some places they do - I promise), and the ASHRAE season gets cranking. And I'm excited to say that after the many articles I've written over the years, I get to write my first one as the President.

I still remember walking into John Wells' office as a fresh-faced sales engineer, new to the area and just out of college, asking what I can do to help the Chapter. Through his infinite wisdom he gave me the keys to the Publicity Chair car and thus my journey began. Coincidentally, our new face on the board is John's right-hand man, Mike Costello, who will be taking over - you guessed it - our Publicity Chair position. Mike will also be helping Ike Crimm as our Special Events Co-Chairs. Joe Cox has taken the reigns as our new Student Activities Chair, while two Past Presidents - Debie Horsey and Dan Herrera - have stepped in as our YEA Chair and Chapter Historian, respectively. This is an excellent group we have assembled and I can promise everyone we've got a terrific year lined up.

The year has gotten off to a bang already as our annual CRC was hosted right here in St. Petersburg. The Tradewinds Hotel was the site of an ASHRAE extravaganza consisting of members and guests from all over - Florida, Georgia, North & South Carolina, Puerto Rico, Brazil, and Argentina - as this was a joint CRC between Region 12 (that's us) and Region 4. It was quite an honor to have the new President of ASHRAE, Mr. Gordon Holness, grace us with his presence. He's also a proud member of Region

12. I don't need the countless emails of praise to tell everyone that it was one of the best CRC's ever. I'd like to take this time to voice my appreciation to all Florida West Coast members (you know who you are) for volunteering your time to make this CRC come together.

Special appreciation should go to Jennifer Isenbeck who as our Past President and current Region 12 DRC of Membership assumed the added responsibility as our CRC Chair, which I can assure everyone consumed much time and energy, and really made the whole event come to life. I'd also like to give special thanks to our generous CRC sponsors (listed on page 5) who with their valued support made everything possible. Thank you to everyone involved!

Our staple events - Golf Tournament, Shrimp Boil, Casino Night - are already in the works, as well as YEA Night. Keep an eye on the calendar and these Addendas for updates and announcements. We also have something a little different lined up for our December meeting and even expect to have a couple of lunch meetings this season, just to spice things up a bit. Our first meeting, however, will be business as usual - the evening of September 15th at Sam Seltzer's Steakhouse.

You won't want to miss Opening Night. I know our newest Programs Chair, Jeff Ross, has a solid opener planned.

We have an excellent year ahead of us. I look forward to sharing it with everyone!

Drew Elsberry
FWC President, (2009-2010)

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Upcoming FWC Meetings:

September 15th, 2009

Pas President's Night

October 20th, 2009

Presentation on Solar Energy

November 17th, 2009

Discussion on Temperature and Humidity Control in Pharaoh's Tomb (Speaker from Cairo, Egypt)

Programs

Danny Hall speaking on Natatorium (Indoor Pool) Design:

Danny Hall is the director of New Business Development for Desert Aire, a manufacturer of refrigeration-based industrial dehumidification equipment located in Milwaukee, WI. With over 28 years of experience in the HVAC industry, he has spent the last 12 years with Desert Aire. Prior to joining the company, he was an independent rep for 13 years selling HVAC equipment, including Desert Aire products.

At the start of his HVAC career he also worked as a consulting engineer designing temperature and humidity control systems for the commercial and industrial industries. He has been involved in designing all of Desert Aire's outdoor air and IAQ products. He also co-authored the patent for Desert Aire's Q-Pump™, the industry's only 100% outdoor air water source heat pump system with hot gas reheat and LAT control in the heating and cooling modes.

Jeff Ross
Programs Chair (2009-2010)

Research Promotions

What is ASHRAE Research? It is the principals that go behind the development of all standards, drives the development of new products and new ways of improving the HVAC&R professional community and the world.

ASHRAE needs your help. Please consider making a personal or company, tax deductible, donation to ASHRAE research. Even the smallest donation helps. As a chapter we have a goal of \$23,500 dollars.

If you would like to make a donation please mail it to:

ASHRAE Research
C/O KPI Engineering, Inc.
3203 Queen Palm Drive
Tampa, Florida 33619
Attn: Shawn Jeffrey, Sr.

Shawn Jeffrey, Sr.
Research Promotions Chair
(2009-2010)



Are you interested in becoming more active in the FWC chapter? We are looking for some volunteers to help out with chair positions, special committees etc. If you're interested please e-mail Michael Cowles at mike.cowles@kenyonandpartners.com

Next Florida West Coast Chapter Meeting:

**September 15th,,
2009**

**Speaker
Danny Hall**

**Sam Seltzer's
Steakhouse
4744 N. Dale
Mabry
Tampa, FL
33419**

**Times:
Social hour
5:30 -6:30 p.m.
Dinner and
Presentation
6:30 - 8:30 p.m.**

Upcoming FWC ASHRAE Events:

**October 20th:
Presentation on
Solar Energy**

**November 17th:
Presentation on
Temperature and
Humidity Control
in the Pharaoh's
Tombs
The Speaker
Dr. Essam Khalil
is from Cairo,
Egypt**

Refrigeration

Check Out ASHRAE's On-Line Refrigeration Resources

For those who have been ASHRAE members for any length of time, you probably have used ASHRAE's website before. Maybe it was to renew your membership or check out a topic that interested you. In case you needed to research a particular subject related to refrigeration, here is a list of some past ASHRAE Journal articles that you can access through the ASHRAE.org website if you are a card-carrying ASHRAE member:

[Secondary Coolants, Part II](#)

ASHRAE Journal, Vol. 46, No. 11,

[Supplement: A History of Refrigeration](#)

ASHRAE Journal, Vol. 46, No. 11,

[Ammonia Refrigeration Applications: Liquid Recircu-](#)

ASHRAE Journal, Vol. 46, No. 10,

[Liquid Recirculation Systems](#)

ASHRAE Journal, Vol. 46, No. 9,

[Selecting Lubricant for the Ammonia Refrigeration](#)

ASHRAE Journal, Vol. 46, No. 8

[Merchant CO 2 Systems](#)

ASHRAE Journal, Vol. 46, No. 7,

[Secondary Coolants](#)

ASHRAE Journal, Vol. 46, No. 6

[The Art of Freeze Drying](#)

ASHRAE Journal, Vol. 46, No. 5,

[Vacuum Cooling Of Vegetables and Flowers](#)

ASHRAE Journal, Vol. 46, No. 4,

[Cooling for Dams](#)

ASHRAE Journal, Vol. 46, No. 3,

[Maintaining Industrial Refrigeration Systems](#)

ASHRAE Journal, vol. 46, no. 2,

[Maintaining Industrial Refrigeration Systems](#)

ASHRAE Journal, vol. 46, no. 1, p. 39

[CO 2 Making Comeback](#)

ASHRAE Journal, vol. 45, no. 12,

[Efficiency for R-717 And R-22 Systems, Part 5](#)

ASHRAE Journal, vol. 45, no. 11,

[Efficiency for R-717 And R-22 Systems, Part 4](#)

ASHRAE Journal, vol. 45, no. 10,

[Efficiency for R-717 And R-22 Systems, Part 3](#)

ASHRAE Journal, vol. 45, no. 9,

[Efficiency for R-717 And R-22 Systems, Part 2](#)

ASHRAE Journal, vol. 45, no. 8,

[Efficiency for R-717 And R-22 Systems](#)

ASHRAE Journal, vol. 45, no. 7,

[Energy Conservation in Industrial Refrigeration Systems](#)

ASHRAE Journal, vol. 45, no. 6,

[Increasing Operating Efficiency](#)

ASHRAE Journal, vol. 45 no. 5, p.73

[Refrigeration for Mine Shafts](#)

ASHRAE Journal, vol. 45, no. 3,

[Moisture Loss During Freezing](#)

ASHRAE Journal, Vol. 44, No. 11,

[Individually Quick Frozen Fluidized Freezers](#)

ASHRAE Journal, vol. 44, no. 1,

[A Primer on Plate Freezers](#)

ASHRAE Journal, vol. 43, no. 12,

If you are anything like me than you probably do not have the time to read the ASHRAE Journal cover to cover. But, if a certain area of refrigeration requires your attention, then referring back to past ASHRAE Journal articles is a great way to leverage one of the many benefits of being an ASHRAE member.

Sincerely,

Adam L. Parke
FWC Refrigeration Chair
(2009-2010)



ASHRAE

Advancing HVAC&R to serve humanity
and promote a sustainable world

ASHRAE'S Core Values

I. Advancement:

We are committed to the advancement of the arts and sciences of HVAC&R for the benefit of society through research, technology development and transfer, and education and training.

II. Leadership

We are committed to providing leadership within our industry, and developing leadership qualities in our members.

III. Integrity

We are committed to honesty in the practice of our profession as embodied in the ASHRAE Code of Ethics.

IV. Service

We are committed to service to our members and to the public.

V. Excellence

We are committed to the achievement of technical quality and excellence in our programs, publications, courses and other activities.

ASHRAE Membership

Many people do not know that there are several different levels of membership within ASHRAE.

- Affiliate Member:** This is a low cost introductory membership for people under the age of 30 and is interested in the HVAC&R industry. It is an excellent way for young graduates to meet people in the industry.
- Associate Member:** An Associate member can participate in local chapter leadership roles. An Associate member will also receive a yearly copy of the ASHRAE handbook.
- Full Member:** Anyone who has a total of 12 years combined experience (i.e. education, professional licensure, and work experience) in the HVAC&R industry qualifies as a full member.

ASHRAE is no longer accepting applications for grade advancement – this is a Board Approved change to membership. To advance from associate to member, a member must update their ASHRAE bio online, and notify membership@ashrae.org they have an updated bio and wish to be considered for grade advancement.



Florida
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Tips for updating bios:

- Go to www.ashrae.org
- Login
- In Member Central, Click “Update Your Bio”
- Go through each of the small blue tabs to enter demographics, contact information, education, professional registration, etc. It’s very easy!

Jason Proctor
Membership Promotion Chair (2009-2010)

Past Presidents

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

Your Florida West Coast Chapter website has been updated and is looking for more content! Is there information you would like to see made available online? Do you have questions about the Florida West Coast Chapter? Let us know! Feel free to email your Cyber Chair, [Jason Babinec](mailto:Jason.Babinec@ashrae.org) with any concerns or comments.

This home page is maintained by the Florida West Coast Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. ASHRAE chapters may not act for the Society and the information presented here has not had Society review. To learn more about ASHRAE activities on an international level, contact the ASHRAE home page at <http://www.ashrae.org>.

CRC 2009 Sponsor List:

A big thank you to all of our sponsor helping us put on a great show at CRC!

Platinum Palm—\$5,000:

Carroll Air Systems
James M. Pleasants Company
Daikin A/C

Pirate's Gold—\$2,500:

KMC Controls
Johnson Controls

Sunset Silver—\$1,000:

AMSCO
B&I Contractors, Inc.
Duke Energy
Tampa Bay Trane
Automated Building Control Systems

Breezy Bronze \$750:

CSSI
Stan Weaver and Company

Seaworthy—\$500:

Addison
Sunbelt Engineering
Jim and Nancy Fields
Flow Control Technologies, Inc.

Luau—\$250:

Ajax Construction
Evapco
Hansen Professional Services, Inc.
Quality Systems and Controls
Slade Ross Inc.
The Phoenix Agency

Board Members, Committee Chairs and Contact Info:

<u>Drew Elsberry</u> President 813-267-0973	<u>Jeff Ross</u> Pres. Elect/Programs 813-918-8252	<u>Shawn Jeffrey</u> V.P./Research Promotion 813-731-1062	<u>Jason Proctor</u> V.P./Membership 813-917-1648	<u>David Henry</u> Treasurer 813-310-8977	<u>Joe Souza</u> Secretary 813-309-2155
<u>Debie Horsey</u> YEA Chair 813-97748-9406	<u>Dan Herrera</u> Historian 813-839-0506	<u>Philippe Jean</u> Governor 813-541-3516	<u>Adam Parke</u> Refrigeration 813-228-1755	<u>Joe Cox</u> Student Chair/Governor 813-763-9654	<u>Michael Cowles</u> Newsletter/Governor 813-241-6488
<u>M. Costello / I. Crimm</u> Special Events 813-758-2749	<u>P. Jean / L. Boe</u> Education 813-879-0383	<u>Jason Babinec</u> Cyber Chair 813-241-6488	<u>M. Costello</u> Publicity 813-300-4662		

Looking for Volunteers for the MOSI Outreach Project for the Tampa Bay Engineers Week Banquet 2010

As part of this year's Tampa Bay Engineers Week Banquet, we are kicking off an Outreach project in conjunction with the event. For this project, we are volunteering and assisting MOSI as they move forward to develop an Energy Center for the science center. The Energy Center is a long-term project and is in preliminary stages. MOSI has come to the engineering community to gather basic details about different forms of energy and alternative energy sources which we have incorporated into this Outreach project. I am attaching the guidelines for the research paper so you can get a better idea of what we are doing.

This project can be done by individuals, professional societies and/or companies that are interested in getting involved. Each society can take on the project as they choose. Most other groups are forming a small team within their professional societies or companies and then picking a topic or providing individuals that are interested in joining an already existing team.

The proposed topics are as follows:

1. Solar Photovoltaic
2. Solar Thermal
3. Nuclear
4. Wind
5. Geothermal
6. Hydroelectric
7. Waste to Energy
8. Coal
9. Faraday Effect
10. Ocean Thermal Conversion
11. Cold Fusion
12. Biofuel
13. Hydrogen
14. _____ (Write in Suggestions)

For any questions or to volunteer contact Rachel Cantor at Rachel@rcassociatesllc.com or 813-286-2075.