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Upcoming Events:

April 4th – Annual Shrimp Boil

May 20th – Monthly Dinner Meeting

For More Information:

<http://www.ashrae-fwc.org/>

-OR-

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From the Desk of the President Philippe Jean, P.E.

Greetings to all of the Florida West Coast members and guests. We are into April and getting ready for the annual Shrimp Boil.



The Shrimp Boil is a great event and we look forward to your support. Join us at the Davis Island Garden Club on April 4th. Please contact Mike Costello for information on sponsorship or attending the event. The following is the Paypal link for the event:

<http://www.ashrae-fwc.org/event-registration/?ee=11>

Last month's meeting was a great success with Al LaPera from TLC Engineering for Architecture putting on a great presentation on building modeling. The audience participation was very interesting as they chose building configuration, orientation and types of building construction.

Our next and final chapter meeting will be on May 20th. This presentation will be an overview of ASHRAE Standard 189.1 2011. ASHRAE 189 deals with high performance buildings. The presenter is Dr. Tom Lawrence. Dr. Lawrence is a distinguished lecturer and is chair of ASHRAE Technical Committee 2.8. This presentation will be very informative I look forward to seeing all of you at this meeting.

2014 ANNUAL ASHRAE SHRIMP BOIL



Friday, April 4, 2014
6:00 - 11:00 PM
Davis Islands Garden Club
81 Columbia Drive, Tampa

Individual Ticket
 (via PayPal or Check)
\$30 in advance, \$35 day of event
 (includes all you can eat shrimp & chicken,
 unlimited beverages)

\$150 Corporate Sponsorship
 (includes company name/logo on table display
 AND (2) Shrimp Boil entries)

REGISTRATION:

Attendee Name: _____	Additional Attendees
Company Name: _____	Name: _____
Mailing Address: _____	Name: _____
City, State, Zip: _____	Name: _____
Phone: _____	Name: _____
Email: _____	Name: _____

PAYMENT INFORMATION:

Type: _____ # Attendees _____ \$ _____

Pay online via PayPal @ <http://www.ashrae-fwc.org> OR Fill out this form and mail to:

ASHRAE-FWC Shrimp Boil, C/O Mike Costello, 8365 Gunn Highway, Tampa, FL 33626. Please make checks payable to ASHRAE-FWC.

For more information, email questions to mcostello@cea-engineers.com



HOLD THE DATE!!!

Tuesday May 20, 2014

PAST PRESIDENTS NIGHT!

ASHRAE-FWC welcomes Distinguished Lecturer
Dr. Tom Lawrence for his
Overview of Standard 189.1-2011 for High Performance
Green Buildings Presentation

The U.S. Green Building Council's *Leadership in Energy and Environmental Design* (LEED) program was created in order to raise awareness and move the marketplace toward a more sustainable design practice. This talk provides an overview of the various LEED programs, with an emphasis on the areas that are particularly important to MEP professionals. The current status and brief review of the contents for the new ASHRAE Standard 189.1-2011, *Standard for the design of High-Performance Green Buildings, Except Low-Rise Residential Buildings* will be also be discussed.

Presenter for the Evening
THOMAS M. LAWRENCE, Ph.D., P.E., LEED®AP
Chair of ASHRAE Technical Committee 2.8
ASHRAE Distinguished Lecturer
Faculty of Engineering
The University of Georgia

We will also hold a
50/50 drawing, so
don't forget to bring
some cash and Good
Luck!

Dinner \$35 in advance
or
\$40 day of event

[http://www.ashrae-
fwc.org/monthly-meetings/](http://www.ashrae-fwc.org/monthly-meetings/)

Location

Columbia Restaurant

2117 East 7th Ave

Ybor City, Florida 33605

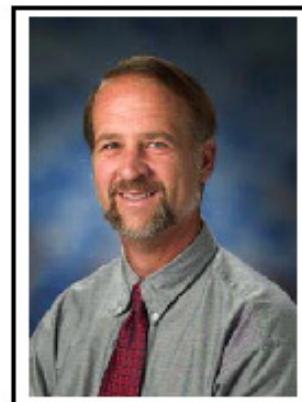
Meeting Schedule:

Tech Session – “2030 Challenge”:

5:15 pm - 6:00 pm

Registration: 5:00 pm - 6:00 pm

Main Meeting: 6:00 pm - 8:00 pm



The Program will offer the following Continuing Education Credits

- 1 LU/HWS AIA Hour
- 1 PDH credit Hours
- 1 USGBC CE Hours

Smart Start Program

by Mike Costello

Are you or someone you know a student member of ASHRAE that is close to graduating? ASHRAE's Smart Start Membership Program is for them! 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 \$192 per year). Information can be found at: www.ashrae.org/smartstart.

If you have any questions, please contact me at: 813-300-4662, or at mcostello@cea-engineers.com.



ASHRAE Membership Facts

by Mike Costello

DID YOU KNOW...ASHRAE has over 54,000 members in over 130 countries!

DID YOU KNOW...ASHRAE has 170 chapters all over the world!

DID YOU KNOW...Our ASHRAE Florida West Coast Chapter has over 350 members!

Not a member? Why not? Join today at www.ashrae.org. Or contact me at mcostello@cea-engineers.com, or 813-300-4662.

Mike Costello

ASHRAE Florida West Coast Chapter Membership Promotion Chair (2013-2014)

ASHRAE FWC Research and Promotion Donations

by Joe Cox

Let me start by personally thanking each and every investor both individual and corporate, it is because of you that the Florida West Coast Chapter continues to set the standard and lead the way, not only in Region XII but on a national level. As of March 31, 2014 the Florida West Coast Chapter has collected \$ 12,816.00, please be sure to recognize those investors below.

Please make your contributions early this year either by check 'Payable to ASHRAE RP' and turn them in to me or if you prefer you can make online donations at:

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

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 jcox@sladerossinc.com.

ASHRAE Research Investors 2013-2014				
Individual Investors			Company Investors	
HR = Honor Roll participants \$100 min			HR = Honor Roll participants \$150 min	
Joe Souza	\$266		Original Solutions	\$650
Isaac Crimm	\$118	\$23,000	Air Mechanical & Service Corporation	\$1,000
Joe Cox	\$101	\$22,000	Advanced Automation Systems	\$250
Jaime Szikszay	\$101	\$21,000	Slade Ross, Inc	\$250
Philippe Jean	\$101	\$20,000	Tampa Bay Trane	\$250
Leon Boe	\$100	\$19,000	Tom Barrow	\$200
Jason Proctor	\$101	\$18,000	Automated Building Controls	\$750
Mike Costello	\$101	\$17,000	Ossi Consulting Engineers	\$250
Dan Rogers	\$1,750	\$16,000	Thermal Tech, Inc.	\$200
Jennifer Isenbeck	\$205	\$15,000		
Ted Hansen	\$119	\$14,000		
Ross Montgomery	\$100	\$13,000		
Shawn Jeffrey	\$125	\$12,000		
Jack Eunson	\$100	\$11,000		
Gregory Hatfield	\$150	\$10,000		
Mike Gutowski	\$100	\$9,000		
Thomas Williams	\$100	\$8,000		
Robert Moyer	\$100	\$7,000		
Richard Gramlich	\$250	\$6,000		
Gregory Long	\$150	\$5,000		
William Smith	\$500	\$4,000		
		\$3,000		
		\$2,000		
		\$1,000		
		\$0		

New ASHRAE eLearning Course on Humidity Control Design

Submitted by Jennifer Isenbeck

ASHRAE is contacting people interested in humidity control to advise them of a new offering.

If controlling humidity issues concerns you or your firm, Humidity Control Design: Basic Principles, Loads and Equipment will be a valuable addition to your training options. This 3 hour course gives a strong foundation for the knowledge needed by technical professionals to avoid classic problems in buildings caused by excessive or uncontrolled humidity.

There simply is no more convenient or effective way to learn:



- The elements of dehumidification loads in buildings
- How loads can be easily approximated with the included spreadsheet
- Which of the many different climatic design extremes must be used when sizing and selecting dehumidification components, and where that data can be found
- The basic types of dehumidification equipment, how they perform, and why they perform that way
- How to quantify the effect of different climates and different types of buildings on dehumidification component sizing and selection

Like all ASHRAE eLearning courses, Humidity Control Design: Basic Principles, Loads and Equipment is:

Authoritative	Built upon ASHRAE's extensive pool of knowledge
Effective	Fully narrated. Searchable. 3 viewing modes. Dynamic exercises test understanding and give you instant feedback.
Economical	\$50 for 12-month access (\$42 for ASHRAE members). No travel-related expenses. Corporate discounts available.
Convenient	Subscribe and start immediately. Train at your own pace and schedule from any computer with internet access.

Grassroots Government

Submitted by Malia Powers

House Subcommittee Approves STEM Education Reform Bill

Last week a House subcommittee [approved](#) a bill that seeks to lead improvements in science, technology, engineering, and mathematics (STEM) education, while also focusing federal investments in the National Institute of Standards and Technology (NIST) and National Science Foundation (NSF).

The Frontiers in Innovation, Research, Science, and Technology (FIRST) Act ([H.R.4186](#)) takes steps towards consolidating federal STEM education programs by creating a new STEM Education Advisory Panel that would be made up of key stakeholders from the education and private sector/industrial communities. The Panel would be charged with providing recommendations to the President and federal agencies on a number of areas, including how federal STEM education programs should be evaluated and how public-private partnerships can be used to improve these programs. The bill would also require NSF to review STEM education programs throughout the federal government to improve coordination and reduce duplication.

Although the STEM provisions in the FIRST Act have received bipartisan praise, the bill as a whole has drawn [sharp criticism](#) from Democrats and a number of scientific and educational organizations who argue that the FIRST Act does not pave the way for sufficient funding of NIST and NSF or create a road map for reinvigorating American research and innovation.

The bill now awaits further action from the full House Committee on Science, Space, and Technology. Significant additional action is not expected in the near term largely due to ideological disagreements between the Republican-controlled House and Democratic-controlled Senate.

Prospects Dim for Congressional Action on Energy Efficiency

The reintroduction of the Energy Savings and Industrial Competitiveness Act (also known as “Shaheen-Portman”) ([S.2074](#)) came about with a large amount of fanfare – ten bipartisan amendments were added to the bill, along with seven Republicans and six Democrats – including top leadership of the powerful Senate Energy & Natural Resources Committee. On top of this, the House recently passed the Energy Efficiency Improvement Act ([H.R.2126](#)), which was approved by a vote of 375 to 36, with about equal numbers of support from Democrats and Republicans.

With all of this bipartisan momentum it seemed likely that some form of energy efficiency legislation would be enacted by Congress in the near term. However after several meetings with Republican and Democratic office staffers, it is clear that the prospects of enactment are still far away. The reasons for this are fairly simple, and perhaps understandable: This is an election year, and Republicans and Democrats alike wish to hold votes on issues that would increase their popularity with their constituents, and avoid votes that would decrease their support. Thus, unless an agreement to limit amendments on Shaheen-Portman or the Energy Efficiency Improvement Act can be reached (a very unlikely scenario at this stage), energy efficiency – and many other issues – are effectively put on hold until after November.

That said, an energy efficiency bill hasn’t been enacted for seven years, and pressure continues to build in Congress for action. Thus, with steady, strong bipartisan support for efficiency, Congressional Leadership could decide to take up this issue at almost any time. As a result, the building community finds itself asking not “if” energy efficiency legislation will be enacted, but “when”.