

November 2015 Edition

### Upcoming Events

- November 12, 2015
  - Meet President Underwood!
- December 9, 2015
  - December Brewery Tour
- January 13, 2016
  - FPL Rebate Program

### SWF ASHRAE Chapter Meeting Announcement

**Date:** Thursday, November 12, 2015  
**Location:** Holiday Inn at Gulf Coast Town Center

**Time**      **5:30 to 6:30**      **Social**  
                  **6:30 to 8:00**      **Dinner and Program**

**Cost:**      **\$35.00\*\* Per Attendee – Reservations please!**  
**There is no cost for college students with a valid student I.D.**  
**Pre-Pay** on our chapter website [www.swflashrae.org](http://www.swflashrae.org)  
 or RSVP to Richard Brooks at [Richard.Brooks@FPL.com](mailto:Richard.Brooks@FPL.com)

#### Main Program: Dinner with the President!

President Underwood's theme for 2015-2016 focuses on the important goal of "Making Connections". As stated in his 2015 Annual Conference address, "We're most effective when researchers, consultants, contractors, owners and users are connecting and collaborating." President Underwood will present his theme and its importance to the ongoing success of our industry.

#### Guest Speaker: Society President David Underwood, P.Eng., Fellow ASHRAE, Life Member, CPMP

As ASHRAE's president, Underwood chairs the Society's Board of Directors and Executive Committee. His presidential theme is "Making Connections."

Underwood was awarded a Bachelor of Science in Civil Engineering from the University of Manitoba. Immediately upon graduation, he entered the HVAC&R industry and was employed by a major products manufacturer for approximately 10 years. In 1975, Underwood founded Isotherm Engineering Ltd., an HVAC&R design-build enterprise, which continues to be operational.

He was a volunteer Board member of ORAC (the Ontario Refrigeration and Air Conditioning Contractors Association) for many years and served in all executive positions. He also served on the CSA B52 committee on Mechanical Refrigeration, the advisory committee that assisted the Ontario government in developing refrigeration regulations for Ontario.

He is an ASHRAE Distinguished Lecturer and a member of Technical Committee 7.2, HVAC&R Construction & Design Build Technologies, and of the Building Performance Alliance Ad Hoc Committee.

## A message from Mr. Jason Hardman, SWF ASHRAE President

Greetings SWFL Chapter! Let me start off by thanking all of our Volunteers and Sponsors for our Golftoberfest!!! It was an AWESOME event and we had a great turnout! Isaac and Ashley did an amazing job preparing and coordinating everything. We're already looking forward to next year! We are in the beginning phases of planning for our Annual Fishing Tournament and Shane Vaughan has volunteered to be this year's Fishing Chair! If you would like to help in planning this awesome event, please contact Shane ([svaughan@bandiflorida.com](mailto:svaughan@bandiflorida.com)). More information to come soon.

We are also planning the Region XII CRC, which will be held in SWFL next August at the Hyatt Regency at Coconut Point. Stay tuned for more info, but we will be looking for Sponsors and Volunteers. If you are interested, please contact Richard Brooks ([Richard.Brooks@fpl.com](mailto:Richard.Brooks@fpl.com)). If you've never been to a CRC, I would highly recommend attending next year!

This month's meeting should be exciting as we have Society President David Underwood visiting us. Mr. Underwood will be giving his Presidential Address, which focuses on the importance of "Making Connections." You won't want to miss it!

We are still looking for volunteers and judges for the FIRST Lego League. There will be a Practice Tournament on Saturday, December 12<sup>th</sup> and then the Qualifying Tournament on Saturday, January 16<sup>th</sup>. We also have the FIRST Tech Challenge coming up. More information to follow. One last thing, we are also looking for volunteer judges for the 59<sup>th</sup> Thomas Alva Edison Kiwanis Science and Engineering Fair, which will be held on Saturday, January 23<sup>rd</sup>. If you would like more information on any of these events, please contact Bill Malphus ([bmalphus@earthlink.net](mailto:bmalphus@earthlink.net)).

As always, thank you all for your support!

SWF ASHRAE Chapter Officers 2015 to 2016			
President:	Jason Hardman	Newsletter:	Heather Hsi
President Elect:	Richard Brooks	Webmaster:	James's Friend
Vice President:	Ashley Fernandez	Sustainability:	Joy Milliman
Secretary:	James Martin	Golf Chair:	Isaac Lima
Treasurer:	Woody Wilson		Ashley Fernandez
Research Promotion:	Ashley Fernandez	Reception:	Isaac Newton
Historian:	Isaac Lima	BOG 1:	Bill Malphus
Membership:	Richard Brooks	BOG 2:	John Pennington
CTTC:	Kathleen Simpson	BOG 3:	Woody Wilson
Programs:	John Pennington	BOG 4:	Pat Graef
Student Activities:	Bill Malphus		
YEA:	Newton Freire		
Refrigeration:	James Martin		
Honors and Awards:	Woody Wilson		
GGAC Chair:	Heather Hsi		
Sustainability Chair:	Joy Milliman		
Fishing Chair:	TBD		

For Chair and Officer contact information, please visit [www.SWFLASHRAE.org](http://www.SWFLASHRAE.org).

## 2016 ASHRAE Winter Conference and AHR Expo

Sun and fun make Florida a global destination! The 2016 ASHRAE Winter Conference and AHR Expo serve as similar attractions, drawing industry professionals from around the world to advance personally and professionally. The Conference will have a fresh feel with new tracks focused on design-build practices and residential systems as well as programs that align well with current trends in HVAC&R engineering. Energy efficiency and sustainability are emphasized along with current engineering and construction practices outside of the U.S. and Canada. Come experience Florida's attractions and ASHRAE's advances in technology.

### Highlights!

- ASHRAE Headquarter Hotel is connected to the Orange County Convention Center, site of the AHR Expo. An easy walk to the latest and greatest technology!
- Kick off the Conference with a Welcome Party at SeaWorld!
- Technical Program features fresh feel with new tracks!
- Please visit [ASHRAE.org](http://ASHRAE.org) for additional details!

## Research Promotion – Ashley Fernandez

Thank you from RP!

We would like to take a few minutes this month to recognize all of our donors who graciously contributed to ASHRAE RP last year. This month will be RP Donor Recognition night and we look forward to personally recognizing all of our donors (companies and individuals). We hope to see all of our donors at this month's meeting, you deserve the recognition!

Our Golftoberfest event took place last month and it was a great success. Thank you to all of our sponsors and volunteers for the continued support. A special thanks goes out to Isaac Lima, Golf Chair, for taking the lead and ensuring another successful Golf outing! Attached are a few pictures from the event, see you again next year!!!

## Refrigeration Update – James Martin

### California Approves Economizers With Refrigerant Cooling for Data Centers

SACRAMENTO, Calif.—California building regulators recently approved the use of economizers that use refrigerant for data center cooling. The change has been incorporated into the part of the state's building standards code that deals with energy efficiency. Data center operators in California can now install economization systems that use specialized refrigerant fluid as a medium for exchanging heat instead of water. Until recently, the California Building Standards Code, also known as Title 24, required use of economizers in data centers but only economizers that either pull outside air into the building (air-side economizers) or systems that use water to transfer heat outside (water-side economizers). The change is meant to save water in the drought-stricken state.

– Article by [eindustry@ashrae.org](mailto:eindustry@ashrae.org) The HVAC&R Industry, ASHRAE's free weekly eNewsletter 10/8/15

### ASHRAE HVAC Design Training Coming to Miami

I am pleased to let you know that the 3-day HVAC Design: Level I – Essentials training and the 2-day HVAC Design: Level II – Application is confirmed for April 11-13 and April 14-15, 2016 respectfully. The training will be held in Miami, FL.

Please visit the HVAC Design Training webpage at [www.ashrae.org/hvactraining](http://www.ashrae.org/hvactraining) for more details on the value of this training.

## Membership Promotion – Richard Brooks

Did you know that there are several types of ASHRAE members? The four main categories are as follows: Student, Affiliate, Associate, and Member.

ASHRAE worldwide has about 54,000 members. In Southwest Florida we have 119 members. We have been challenged to grow our membership to 122 members by the end of this year. We are on track to accomplish this goal.

ASHRAE's Affiliate Member Grade allows a young member to join at a reduced cost. The first year the dues are reduced to \$54, the second year \$74, and the third year \$95. Please consider bringing your young employees and coworkers to an ASHRAE meeting and joining this great organization as an Affiliate Member.

Please welcome some of our newest members:

- Craig Selover-Selover Consulting
- Richard Nadeau-Johnson Controls/York
- David Moorhead- B&I

I would like to remind everyone that ASHRAE's Mission Statement is "To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world."



## GGAC Regional and Chapter Activities

### US Federal Legislative & Regulatory Activities

For additional information on federal legislative and regulatory issues, please contact Mark Ames, ASHRAE's Senior Manager of Federal Government Affairs, at [mames@ashrae.org](mailto:mames@ashrae.org).

### Rep. Paul Ryan (R-WI-1) Selected as New Speaker of US House of Representatives

This past Thursday, Representative Paul Ryan was elected as the new Speaker of the US House of Representatives, making him one of the most powerful Republicans in the nation, as he now plays a central role in setting the legislative agenda for the House.

Ryan comes to power during a time of conflict within the Republican Party, and will be challenged to balance the demands of its centrist and more conservative wings. Going forward, Ryan will seek to reunify his party, and will likely enjoy a short honeymoon period. The question that many are asking is what legislation will the new Speaker seek to pass during this window of good feelings?

### House Consideration of Energy Legislation May Have to Wait Until After Thanksgiving

Following the anticipated trend of a cramped congressional agenda, it now appears likely that House floor debate on the North American Energy Security and Infrastructure Act of 2015 ([H.R.8](#)) will occur sometime after Thanksgiving. As previously [reported](#), this bill contains the harmful building energy codes language that ASHRAE and many other groups strongly oppose. The delay in consideration may be a boon, as it provides additional time to discuss our concerns with Members of Congress and reach agreement.

### DOE Releases Updated Methodology for Assessing Cost-Effectiveness of Building Energy Codes

Earlier this month, the US Department of Energy (DOE) unveiled an updated methodology that it uses for assessing the cost-effectiveness of building energy codes. The Department relies upon this methodology in evaluating both potential code changes and entire new editions of model codes, such as the IECC Standard 90.1.

### EPA Releases Proposed Rule for Clean Power Plan Federal Backstop

To comply with the Clean Power Plan (CPP), States are encouraged to submit plans the US Environmental Protection Agency (EPA) for achieving certain greenhouse gas emissions reductions for existing fossil fuel-fired electric generating units. For States that do not submit an approvable plan, or who would rather not draft their own, the Agency will develop, implement, and enforce a Federal plan. Last week, EPA released a proposed Federal plan to meet the requirements of the CPP.

Comments are due on or before January 21, 2016.

### Comment Period Reopened for DOE Proposed Rulemaking on Energy Conservation Standards for Refrigerated Beverage Vending Machines

Responding to a request from several stakeholders, DOE has reopened the comment period for its proposed rule on energy conservation standards for refrigerated beverage vending machines. The comment period is now opened through November 23, 2015.

The proposed rule discusses ASHRAE Standard 32.1-2010 Methods of Testing for Rating Vending Machines for Sealed Beverages.