

Upcoming Events

February 10, 2016

- Lew Harriman

March 9, 2016

- Jerry Spies

SWFL ASHRAE Meeting Announcement

Joint meeting with A.I.A.!

Date: Wednesday, February 10, 2016
Location: Holiday Inn at Gulf Coast Town Center

Time 6:00 to 7:00 Networking
 7:00 to 8:30 Dinner and Main Program

Cost: \$35.00 Per Attendee
 There is no cost for college students with a valid student I.D.
 Pre-Pay on our chapter website www.swflashrae.org
 or RSVP to Richard Brooks at Richard.Brooks@FPL.com

Main Program: Real World Integrated Design

Integrated design for buildings offers the potential for major, world-class reductions in energy, as well as improvements in comfort and cost reduction. But the process is not always smooth. This talk describes some of real-world interactions between buildings and HVAC systems in daily operation. With this information, both Architects and Mechanical Engineers will understand ways to improve buildings and HVAC systems for the benefit of the occupants as well as the benefit of building owners. This lecture has proven popular with Architects, Energy Auditors and Building Managers in addition to Mechanical Engineers and students.

Guest Speaker: Lew Harriman, is Director of Research at Mason-Grant Consulting in Portsmouth, NH. He has 35 years of experience researching and solving problems related to energy, humidity and moisture in buildings and industrial processes. In recognition of his professional accomplishments, in 2010 Lew was elected a Fellow of ASHRAE. Lew was the lead author and project manager for the ASHRAE Humidity Control Design Guide, and also for the ASHRAE Guide for Buildings in Hot & Humid Climates. He serves as Chair of ASHRAE Technical Committee 1.12 (Moisture Management in Buildings), and also as Chair of the Document Revision Committee for the ASHRAE Position Document titled: Limiting Indoor Mold and Dampness in Buildings. Lew received his degree in Visual studies/Architecture from Dartmouth in 1971, where he also served as a Spanish language instructor. He served five years in the U.S. Air Force as a Captain in the Engineering & Services Division of the Headquarters, Strategic Air Command, and ten years working as application engineer and new markets manager for an international manufacturer of precision dehumidification systems. For the last 25 years, Lew has been a building science consultant, building forensic investigator, researcher, lecturer and author. He has lectured on the topics of humidity control design and trouble-shooting, ventilation system design, building moisture management, infrared analysis of building systems, mold prevention and building energy retrofits for architects, engineers, contractors and building operators throughout North America, Europe and Asia.

A message from Mr. Jason Hardman,
 SWF ASHRAE President

We had a fantastic meeting last month with our own President-Elect and Membership Promotion Chair Richard Brooks discussing the changes with the FPL Rebates. There are a lot of great changes that affect many of us in the industry, so hopefully you were able to make it to learn about these changes.

We are very excited and honored to have ASHRAE Distinguished Lecturer Lew Harriman for this month's meeting. We are also having a joint meeting with AIA (American Institute of Architects), so we hope to have a packed house! Please RSVP to Richard.Brooks@fpl.com as soon as possible and no later than Friday, February 5th.

Last month we had several volunteers for our FIRST Lego League Tournament as well as our FIRST Tech Challenge. Thank you to Richard Brooks, Isaac Lima, James Martin, Gena Knight, Heath Caulfield, and Bill Malphus for volunteering your time. The parents, coaches, and kids really appreciate it! There are still more opportunities to volunteer including the STEMtastic event that will be held at the Harborside Events Center on Saturday, February 13th. Stay tuned for more info.

Planning is ongoing for the SWFL CRC, which will be held from August 3rd through August 6th at the Hyatt Regency at Coconut Point. It's only February, but before you know it, May and June sneak up on us. Don't forget to Reserve your Hotel for this year's CRC! Rooms are first come, first serve and you will NOT be charged until the day of the event, so book now and get it out of the way! The Hyatt Regency at Coconut Point is an amazing location and we are very excited to be having the event here. We are looking for sponsors for this event. See the CRC Sponsorship Flyer later in the Newsletter. We will be uploading sponsor logos to the CRC, Chapter, and Regional websites as we get commitments, so let Kathleen know ASAP if you would like to sponsor so we can get your company logo uploaded!

It brings deep sorrow to bring you the news of one of our Regional Members recently passing. Mr. Bob Baker passed away on Sunday, January 10th. Bob was our CTTC Regional Vice Chair for Region XII as well as a part of many Technical Committees. Many of you know Mr. Baker as he was very involved with ASHRAE at a local, regional, and society level. Formal announcements have not been sent out, but will be forwarded once available.

SWF ASHRAE Chapter Officers 2015 to 2016			
President:	Jason Hardman	Newsletter:	Heather Hsi
President Elect:	Richard Brooks	Webmaster:	Matt
Vice President:	Ashley Fernandez	Sustainability Chair:	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		
Fishing Chair:	Shane Vaughan		

For Chair and Officer contact information, please visit www.SWFLASHRAE.org.

Save the Date! Chapters Regional Conference (CRC)

SW Florida Chapter #139 is hosting this year's CRC. The venue will be held at the Hyatt Regency Coconut Point in Estero. The dates are Wednesday 08/03/2016 through Saturday 08/06/2016. The schedule looks like golf on Wednesday, business meetings on Thursday, caucus on Friday, workshop/training on Saturday for the different chair positions.

A flyer will be emailed shortly with the details on how to reserve your room. You can log into the Hyatt's automated registration link, provide a credit card to hold your room, and you will not be charged until the event in early August. I urge you to reserve your room now as the number of rooms are limited. We are also looking for volunteers to help coordinate this event. Please contact Richard Brooks if interested. His email address is Richard.Brooks@FPL.com There are no shortage of things to do!!!

Lastly, sponsorships are available for this great event. If interested, please contact Kathleen Simpson to coordinate. Her email address is ksimpson@bandiflorida.com This is a great way to show your company's support of ASHRAE.

Many thanks to those companies that have already committed to sponsorships:

Luvata, B & I, Flow Control, & Conditioned Air

Without your help and patronage, this event would not be nearly as successful. **Thank you!!!**

Membership Update – 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. Our local chapter receives "points" for upgrading to the next level of membership. Please update your ASHRAE profile online at the ASHRAE website. If appropriate, update your membership type (say from Associate to Member). In Southwest Florida we currently have 119 active members. 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 our newest members:

- Joshua Wolfe
- Steve Clark
- William Mejia

Welcome!

Refrigeration Update – James Martin

Guidance on Low-GWP Refrigerants Presented at ASHRAE Winter Conference

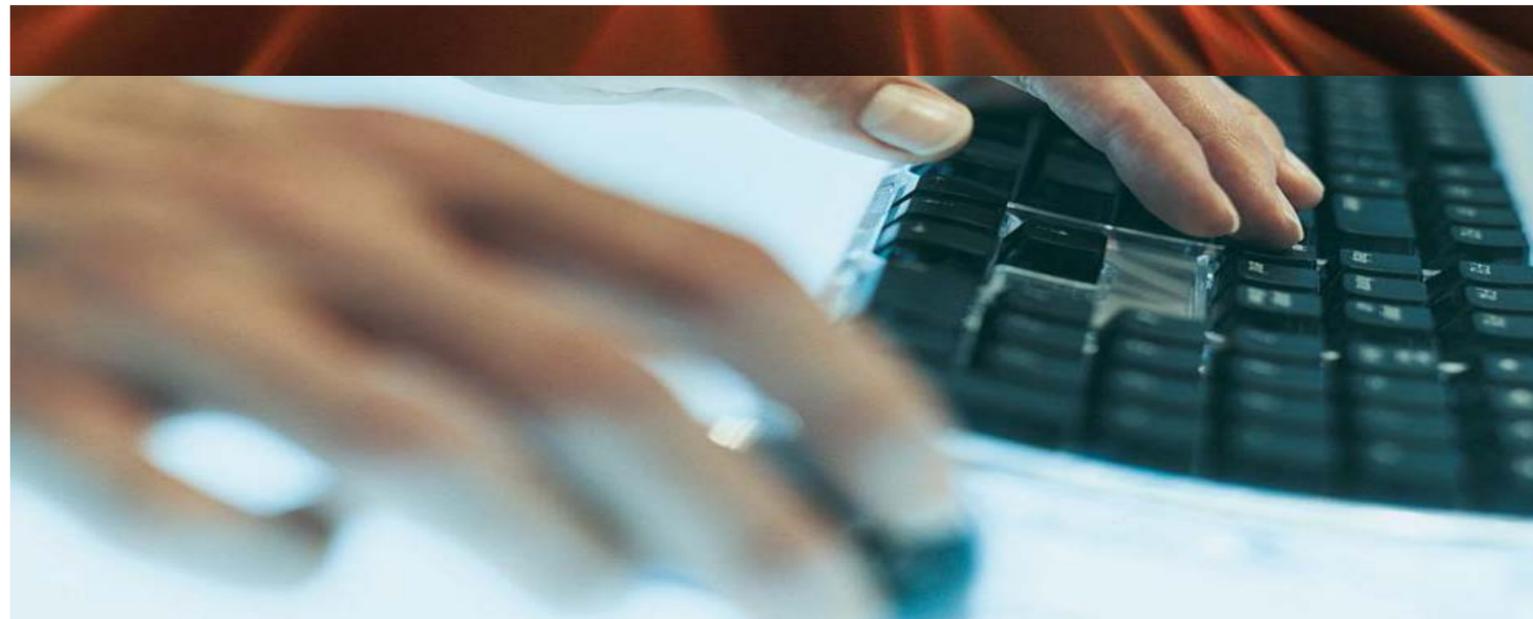
Countries with hot climates are seeking next-generation low global warming potential (GWP) refrigerants. The challenges of hot countries to find refrigerant alternatives for the widely used HCFC-22 in residential air-conditioning will be discussed in a seminar at the 2016 ASHRAE Winter Conference. Countries with high dependency on refrigeration and air-conditioning applications are mainly located in the Middle East and particularly in the Gulf region. Those countries have traditionally been recipients of globally proven refrigeration technologies. "This trend is witnessing a change lately with movement of regional industry to enhance its research and selection capacities, but it remains framed with what is commercially available worldwide in terms of the raw materials," said seminar chair Walid Chakroun, Ph.D., Fellow ASHRAE. The seminar, "Evaluating Low-GWP Refrigerants for Air-Conditioning Industry in High Ambient Temperature Countries," is part of the Conference's Technical Program, which features eight tracks and some 100 sessions. The Conference will be held Jan. 23–27 in Orlando, Fla.

– Article by eSociety@ashrae.org E Society Monthly News - January 2016 Vol. 8, No. 1



Research Promotion Update – Ashley Fernandez

The new year is upon us and I am happy to report we are well on our way to meet our RP goal. Attached is an updated RP fund thermometer, we are currently 54% of our goal, which has us right on target for the year. Look out for our Fishing tournament to come in April 2016 and as always thank you for your support!!!!



GGAC Regional and Chapter Activities

Senate Energy Bill Derailed by Flint Water Crisis Funding Fight

US Senate consideration of the Energy Policy Modernization Act ([S.2012](#)) has, at least temporarily, ground to a halt as a result of disputes over emergency funding levels in response to the drinking water crisis in Flint, Michigan. Senator Lisa Murkowski (R-AK), Chairwoman of the Energy & Natural Resources Committee, proposed an amendment that would have provided \$550 million to Flint, however a group of Democrats united in opposition, seeking another solution. Negotiations are ongoing, and while Senators are expressing hope, it is clear that much work remains and time is short, as Senators are becoming anxious to move on to other matters that demand their attention.

To date, over 300 amendments have been proposed, and votes have been held on 38. One of the amendments that ASHRAE supports (promoting the use of reclaimed refrigerants in federal facilities) was approved by voice vote. The Society is encouraging Senators to allow votes on several other amendments on a variety of issues that we support. No amendments that ASHRAE opposes have been added to the bill.

ASHRAE Submits Comments to EPA on Proposed Refrigerant Management Rulemaking

Responding to the US Environmental Protection Agency's (EPA) proposed rulemaking on refrigerant management under Section 608 of the Clean Air Act, ASHRAE submitted comments to EPA in January. The Society's comments addressed several areas, including: Enforcement, Technical Certification, Recordkeeping, Leak Detection and Repair, Recovery, Standards, and Seasonal Variances.

Now Available! Revised OMB Circular A-119 "Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities"

It's been quite a while, but the US Office of Management and Budget (OMB) has released an update to its Circular A-119, which provides guidance to Federal agencies, and encourages them to promote participation in and rely on standards developed by the private sector. The previous update to the Circular was issued 18 years ago in 1998.

Arizona House Bill 2130 a Virtual Repeat of Last Year

Lawmakers in Arizona, concerned about the constitutional viability of legislation passed last year that prohibited cities and counties from mandating benchmarking of buildings, have introduced a virtually identical bill this year. Last year's bill is subject to a lawsuit which, in part, is called into question because it may have violated Arizona's rules that two unrelated provisions may not be bundled into the same legislation. Dave Palty, Chair of the Tucson Chapter's GGAC, has sent (on behalf of the Chapter) an email of opposition to every member of the Arizona legislature. His email outlines the importance of obtaining and interpreting building energy data for that state's future.

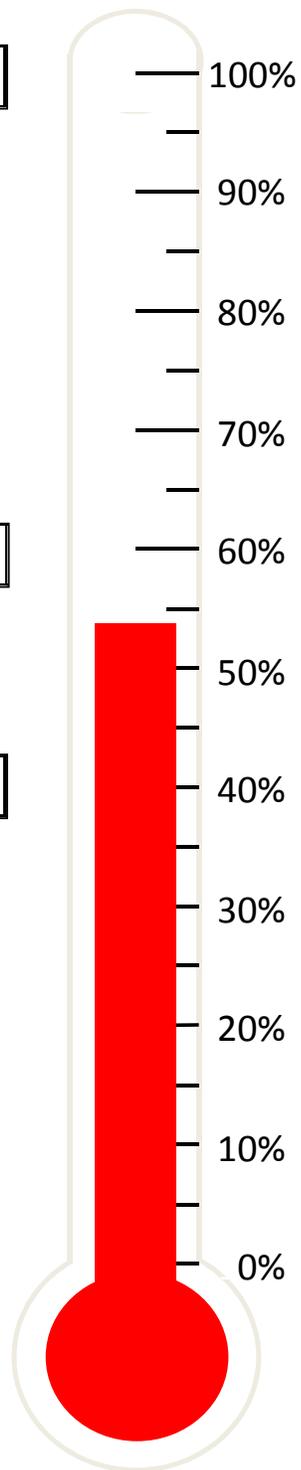
ASHRAE Twin Tiers Chapter Plans EWeek Celebration

The ASHRAE Twin Tiers Chapter is planning a celebration dinner as part of this year's recognition of Engineers Week (EWeek). The Holiday Inn Arena in Binghamton, NY is the location of the meeting, "Let's Make A Difference", which will feature a dinner, guest speaker, poster presentation and awards. Each individual or company is invited to bring a poster and an easel to "show off" a completed project that was successful. All posters will be on display for viewing during arrival time.

Goal Amount: \$ 15,500

Current Amount: \$ 8,493

Goal Achievement: 54%



ASHRAE SWFL RP FUND



ASHRAE South west Florida Chapter



January 2016 Meeting and
FL Lego League



January 2016 AHR EXPO

On January 26th, 2016 Tri-County Apprenticeship Academy with the generous help of ASHRAE and the Educational Committee of SWAACA made it possible for 36 HVAC Apprentices to attend the 2016 AHR Expo in Orlando Florida. The apprentices enjoy a day filled with vendors, manufactures and completions. Apprentices were given the opportunity to acquire credit towards classroom related instruction when they completed an event summary sheet. The assignment required that all apprentices would have to visit ten booths at the event and gather information about new technology, products and services to the HVAC industry. Anthony Tovar - HVAC Year 1 apprentice made comment; "I enjoyed every minute of the event and can't wait to do it again." Our apprentices were fascinated with all the new products and technology that will help them me more efficient in their daily task, as well as allow them to provide better service to their customers. Many of the vendors were interested in providing donations to the academy of new technology, tools and equipment that the apprentices can work with during their lab instruction. Tri-County Apprenticeship Academy also had an HVAC Year 2 apprentice "Graydon Bullard" participate in The Hilmor Fastest Hands Challenge. It was nice seeing the apprentices cheer on their fellow classmate. This was TCAA's first time taking our apprentices to an event like this and they had a great time. Several of our Participating Employers brought their apprentices to the event and seeing the contractors taking a hands-on approach to furthering their apprentices learning experience is what "Apprenticeship" is all about!

