

Upcoming Event Excitement!

We have a lot of exciting
events around the corner!

Sustainability
Activity – Date TBD



Next Meeting Tuesday, November 13th

Harbor Breeze at Patriots Point, Mt. Pleasant

BOG Meeting 11:30-12:00

Chapter Meeting/Luncheon 12:00-1:00

\$30/person

[REGISTER ONLINE](#)

November 13th Meeting—Luncheon

A Case for Steam: Steam vs. Hot Water

Spirax-Sarco Corporate Training

Presentation Summary:

The presentation will start with the basics of Saturated Steam and the application of steam heating systems. Misconceptions of steam as a heat source will be presented, as well as a discussion on the efficiency of a condensing hot water boiler. Comparison of a steam and hot water distribution system will be offered with real-life examples to demonstrate the pros and cons of using steam.

Speaker:

Reece Barefoot

Reece Barefoot has been with Spirax Sarco since 1998 when he was hired as an Account Executive for the Charlotte, NC branch office. In 2005, Reece moved to Richmond, VA to become the Virginia Area Manager. Reece and his team won the President's cup in 2010 for the overall outstanding branch office in the United States. On June 1, 2014, Reece Barefoot was promoted to the Southeast Regional Manager position. **Reece lives in Midlothian, VA with his wife Renee, and their daughter Sydney (17). His son Zach (21) is currently attending Virginia Tech majoring in Mechanical Engineering.**

Graduated from N.C. State University (1991) – B. S. Textile Engineering

Worked at Sara Lee Corporation (1992 – 1998) in Technical Services

Currently working on his MBA at Longwood University



ASHRAE Research Investors

Thank you for your sponsorship. If you would like to support the chapter, please contact the President.

Corporate Donors (\$1,000+)

Corporate Donors (\$500+)

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Jacob A. Yount

David Kauffman

Malcolm D. Knight, PE

Marcus Dee Googer

Philip Runyon

Steven A. Marek

Randy Jones



CTTC Corner

For more information about this column, contact **Gene Brown** (gene3380@gmail.com).

At our October meeting **Conn Fraser** gave an excellent presentation:

“Energy in Action: The South Carolina State Energy Plan.”

The goal is to reduce energy consumption in our state by 20%. According to the plan, financial assistance will be provided for capital projects utilizing approved energy savings methods that project less than an 8 year payback. Currently, over 80 recommendations have been developed.

One main focus of the plan is the availability and utilization of Natural gas. Natural gas is a more efficient fuel source than its alternatives. Studies are being accomplished to identify where **natural gas is currently available** and where future distribution could prove most useful. In places where no natural gas distribution exists there are obviously no current users so the study will include speculation to determine where new supplies should be located to attract large customers, which can justify the infrastructure expenditure and have a bigger impact on energy efficiency.

The state will make an effort to lead by example, first by getting more alternative fuel vehicles on the road, such as Natural Gas and LP fueled vehicles.

The 2009 International Energy Conservation Code (IECC) has been adopted. The state is developing energy audit procedures to follow up on energy efficient initiatives. The goal is to conform to the requirements of Level 2 ASHRAE audits. The state is also offering several courses to better educate the public and private sectors, as well as training owners, contractors and design professionals to support these initiatives.

ASHRAE Insights publishes the names of each member, Society wide, who earns an ASHRAE Certification. All members are encouraged to earn a certification. Every area of certification is highly relevant to our industry.

-Gene Brown



Research Endowments Update:

This year we have a new Endowment to fill, one in honor of **Clarence Hamm**. The great benefit to our Chapter is that once this commitment as a group to this Endowment is filled, **the Chapter will receive 5% annually**. So, if you are thinking of contributing to research this year, please think about adding a little to this Endowment. Our other Endowments can be added to as well, as there is no limit as to how much is in the Endowment. The nice thing we get 5% annually on what is in these Endowments.

Did you know that RP also has a small part in scholarships? Last year Society scholarships went to 34 different people. As part of our RP goals this year our chapter has a goal of raising \$250 for scholarships. When donating online just fill in the amount you would like to donate under the ASHRAE Scholarships line. Should we complete this goal by November 15th we will get additional PAOE Points!!!!!!!!!!!!

David Kauffman

RP Chair

Presidential Corner:

For those interested, we will be joined at a future meeting (TBD) by David McDaniel where he will give a short presentation on next year's CRC in hopes of relieving any apprehension about travelling to Greece. Please stay tuned for the date and try to attend if interested.

Jacob A. Yount

Chapter President



Chapter Officers

PRESIDENT—Jacob Yount

Phone: 743-0234
jyount@brph.com

VICE PRESIDENT—Tim Niles

Phone: 654-1508
timothy.niles@rmf.com

SECRETARY—Bret Turkall

Phone: 875-3637
bturkall@cems-ae.com

TREASURER—Randy Jones

Phone: 881-0051
rjones@chapmancompany.com

BOG— Steve Marek, Philip
Runyon, Pete Conroy

2018-2019 Events

November 13th, 2018 **Lunch Meeting @ Harbor Breeze— 12:00 pm**

December 11th, 2018 **Winter Annual Oyster Roast @ TBD**

January 8th, 2019 **Lunch Meeting @ Harbor Breeze— TBD**

February 12th, 2019 **Meeting @ Harbor Breeze— Critical Room Control**

March 12th, 2019 **Meeting @ Harbor Breeze— TBD**

April 9th, 2019 **Meeting @ Harbor Breeze— TBD**

May 14th, 2019 **Meeting @ Harbor Breeze— TBD**

June 2019 **Summer Low Country Boil Social @ TBD**

What is YEA?

To ensure a bright future for ASHRAE and the industry, the Young Engineers in ASHRAE (YEA) Committee was developed to create programs and develop a path for our young professional members. Any current ASHRAE Affiliate, Associate or Member who is 35 years of age or younger is considered a YEA member, and automatically has a wide variety of programs, events, and opportunities at their fingertips!

