

Upcoming Event Excitement!

We have a lot of exciting events around the corner!

April 14th:

**Spring Sustainability
Activity**

June 12th:

**Summer Low Country
Boil Social**



Next Meeting Tuesday, April 10th

Harbor Breeze at Patriots Point, Mt. Pleasant

BOG Meeting 5:00-5:30

Happy Hour 5:30-6:00

Chapter Meeting/Dinner 6:00-7:00

\$30/person

[REGISTER ONLINE](#)

Research Promotion Night—April 10th

Presidential Corner by Philip Runyon

We had an exceptional turnout for our spring golf tournament. Thanks to all that attended and helped with sponsorship. This should be a great additional to our research promotion campaign and we thank each and every one of you for your support!

Please keep in mind that April is our month for nominations for the upcoming year's board & committee member positions. If you are interested in participating in our local chapter in any capacity please feel free to reach out to any board member and get your name in the hat for the upcoming year. We are having a lot of moving parts this year so there are many positions that need to be filled including Secretary, Membership Promotion, Special Events, YEA, etc. Thanks for all who have stepped up thusfar to offer their name for nominations.

Look forward to a great presentation and see you all next Tuesday, 4/10 for the meeting at Harbor Breeze as well as the last Wednesday 4/25 down in Savannah for our sectional meeting.

Philip Runyon



ASHRAE Research Investors

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

Corporate Donors (\$1,000+)

Chapman Company
Triad Mechanical
James M. Pleasants

Corporate Donors (\$500+)

MSS Solutions
Constantine Engineering Associates, LLC

Corporate Donors (\$300+)

Carotek
Rivers Plumbing & Electric
Cullum Constructors, Inc
Lee Abernathy
New England Tech Air
Trane
WBS
Allied Applications

Honor Roll Donors (100+)

Marcus Googer
Megan Rooney
Dennis Knight
Philip Runyon
Jacob Yount
Tim Niles
Randy Jones
Steve Marek
Pete Conroy
Gene Brown
Victor Fallon
Mariah Schwartz
Ron Runyon
Del Laquiere
Greg Hudson



April Meeting Event

Cooling Tower and Condenser Water Piping

Presentation Summary:

Basic review of cooling tower piping practices including flow balance for multiple cells. Also covers cooling tower pumping design with a brief discussion of NPSH requirements.

Speaker:

Patrick Leake

Patrick Leake, has over 22 years of Sales and Management experience with hydronic systems and equipment for commercial and industrial applications.

He graduated with a B.S. degree from Clemson University in 1995 and began working for James M. Pleasants Co. Inc. in that same year. Mr Leake is a member of ASHRAE, ASPE and USGBC.

Mr. Leake's main areas of interest are steam systems, chiller plants, high efficiency boilers, & green plumbing systems.

HVAC Design Essentials Scholarship

Applications for the HVAC Design Essentials Training will be available in May 2018. The scholarship covers the cost of registration for HVAC Design Essentials - Level I training. Five YEA members will be awarded scholarships between July-December 2018. [Learn more.](#)



CTTC Corner

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



Tom Phoenix gave an outstanding presentation at our March meeting. Tom has held every chapter and regional position in ASHRAE. ASHRAE does everything with volunteers.

In a typical workplace, seventy percent of employees are moderately to fully disengaged. We are all products of our experiences and influences.

A grand master of aikido once told Tom to stretch further. Tom told him something will break. He said the body is rigid because the mind is rigid. The key is passion.

A young man arrived in America with \$50 in his pocket. He couldn't speak English. He founded several corporations. He managed to get High Point University out of debt and make it a very successful school.

Passion ignites energy. Energy ignites purpose. Purpose leads to success. Nothing happens without passion.

What if all sports fans were as passionate about things that matter in their lives?

Emotion is not passion. Passion is tied to purpose and tasks – Alabama football coach Nick Saban.

To be successful you have to love what you do. You have to have determination and more desire than any ten people. Don't give up when things get rough. Success consists of going from failure to failure without loss of enthusiasm – Winston Churchill.

Dedication, discipline and sacrifice are necessary. There is no overnight success.

People will judge us on our performances, not our promises.

Bill Walton of the Boston Celtics said "chase your dream, make your dream your job, make your job your life."

ASHRAE members are encouraged to participate in the "Day on the Hill". Members will meet with state lawmakers to encourage legislation which promotes sustainability and energy efficiency. Tom said the "Day on the Hill" was held in NC last year and was a tremendous success.

Upcoming YEA Leadership Events

Keep an eye out for information regarding upcoming YEA Leadership events this fall! We'll have a YEA Leadership Weekend in North America and a YEA Leadership International event. As details become available, they'll be posted at www.ashrae.org/yea and on the YEA Facebook page. We hope you can join us!

FREE ASHRAE Webcast 2018

Looking to expand your knowledge about energy efficiency in the built environment? Save the date for April 19, 2018, ASHRAE Webcast, Making Energy Efficiency a Reality. This webcast will feature industry experts who will focus on strategies and policies that dive into deep efficiency goals. You may also be awarded 3 PDHs, 3 LU/HSWs from AIA, or 3 CEs from GBCI by completing the participant reaction form.

Registration opens on March 1, 2018. [Learn More.](#)



RP Corner:

Hello Everyone,

What a Great Golf Outing at the 'Muni', the turnout was fantastic. Give a big shout out to Philip, Greg and David for running an outstanding event.

Come to the meeting on Tuesday Night for Research Promotion Night and I will have the final tally from the Golf Outing and let you know just how close we are to finishing out another great year and surpassing our Goal of \$17,000, it is still not too late to give, we probably just need a few hundred more.

Also, Thanks so much for David Kaufman for taking over as Research Promotion Chairman for 2018/2019.

Thanks everyone and see you Tuesday,

Steve Marek

RP Chairman Charleston Chapter

GGAC Corner:

Our Day on the Hill Event was March 21st, and was quite a success. We had 7 members from the Charleston and South Carolina Chapters participating. The afternoon began with lunch with Alan Wilson, the SC Attorney General. He gave us some great tips on how to reach best the legislators and make our presence known. The Senate and House were both in session, so we met several lawmakers in the statehouse lobby for introductions. Senator Stephen Goldfinch honored the group by recognizing us in the Senate Chambers, and we received a rousing applause!

Thanks to the following ASHRAE Members for their attendance:

Randy Jones
Ricky Espinosa
Pete Conroy
Hunter Wilson
Cooper Collins
Sam Bernstel
Paul Gazda

Pete Conroy
GGAC Chair





Chapter Officers

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BOG— Steve Marek, Megan Rooney, Randy Jones

2018 Events

April 10th, 2018 **Meeting @ Harbor Breeze— [Cooling Tower and Condenser Water Piping](#)**

April 14th, 2017 **ASHRAE Charleston — Sustainability Project: DNR's South Carolina Oyster Restoration and Enhancement (SCORE) Program @ 217 Fort Johnson Rd, Charleston SC 29412 from 11:00 AM — 2:00 PM**

April 25th, 2018 **Savannah Section Meeting @ Wild Wing Café — [“The Great Seismic Headache”](#)**

May 8th, 2018 **Meeting @ Harbor Breeze— [Dehumidification Solutions to Maximize the MRE for DOAS and other Low Dewpoint Design Applications](#)**

June 12th, 2018 **Summer Low Country Boil Social @ Harbor Breeze @ 6:00 PM**

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!





Spring Sustainability Activity

Join us volunteering with DNR's South Carolina Oyster Restoration (SCORE) Program prep bags of oyster shells for building reefs next year.

Where:
217 Fort Johnson
Road
Charleston, SC 29412

Time:
11:00a to 2:00p

Date:
Saturday,
April 14th



RSVP: Online!

www.charlestonashraechapter.wildapricot.org

Note: Wear close toed shoes and clothes that can get dirty.



CHARLESTON CHAPTER- SAVANNAH SECTION

DATE: WEDNESDAY-4/25/18

LOCATION: WILD WING CAFÉ (27 BARNARD ST)

**TIME: “HAPPY HALF HOUR” STARTS 5:30 WITH
DINNER/TECH PRESENTATION TO FOLLOW**

COST: \$35 DINNER/BAR

Name of the course: “The Great Seismic Headache”

Description of Course:

The course is based on the International Building Code 2015 edition and the ASCE 7 standard 2010 edition. The course is designed to raise awareness of the potential risks associated with non-structural failures and the costly consequences associated with those failures. Attendees will be guided down a path to discover why restraint requirements exist, what are the restraint requirements, what happens when restraints are not properly designed and installed, and understand the key roles that each party on the design and installation team play in assuring compliance.

Joel A. Davis, Sr., PE

CEO – Synergy Engineering



Mr. Davis is a founding partner in Synergy Engineering, and has been a driving force in the industry, working diligently to re-shape the concept of seismic restraint for non-structural components through marketing and education.

Mr. Davis has over 25 years of experience in the HVAC business. The early portion of that experience included various roles on the contractor side. Eight years were spent learning the trade working as a helper, mechanic, foreman, superintendent, estimator, assistant project manager, and project manager.

Mr. Davis worked as a manufacturer's representative serving North & South Carolina, Georgia and Eastern Tennessee. His experience includes roles as a Product Specialist, Territory Manager, and Vice President helping guide the industries approach to the seismic restraint of mechanical, electrical, and plumbing systems during the transition from the 1999 SBC to its current edition of the IBC 2015.

Mr. Davis is an active member of the Southern Piedmont Chapter of ASHRAE. He is a past president of the Southern Piedmont Chapter of ASHRAE and also the Pinnacle award recipient for the 2002-2003 campaign years. He is a licensed professional engineer in the states of North Carolina, South Carolina, Alabama, Missouri, and Florida.

