

January/February Newsletter 2019

ASHRAE South Carolina Chapter



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UPCOMING IMPORTANT DATES

2019 Oyster Roast.....	January 18, 2019
January Chapter Meeting.....	January 22, 2019
February Chapter Meeting.....	October 26, 2019

January/February 2019

Hello from Atlanta, GA where I am attending the ASHRAE Winter Meeting. The Winter meeting is a good time to check out new products at the AHR Expo, one could attend technical committees and there are many opportunities for continued education.

I would like to remind everyone that 2019 CRC is in Mykonos Greece, and I encourage everyone in our local chapter to attend this yearly event. You can find more information on this event here: <http://www.spashrae.com/CRC2019>

I am excited for the new year, we have many great programs planned in the coming months. In addition to our regular chapter meetings we will have some networking opportunities with the USGBC and AIA. Our annual golf tournament is fast approaching, so lookout for registration information very soon. I also look forward to spouse's night this spring at a fireflies game and hope to see you all at the oyster roast on the 18th!



Michael Rushing

South Carolina Chapter President 2017-2019

michael.rushing@hbtech.biz

www.scashrae.clubexpress.com

Chapter Meeting

January Chapter Meeting Notice

Tuesday, January 22, 2019 at 5:30 PM

HVAC Controls

General discussion of digital controls systems targeted to explain in nonprofessionals' terms the design, implementation, execution, verification, and maintenance of modern DDC systems. We will discuss the difference between Industrial and Commercial systems as well as controls versus instrumentation. We will discuss proprietary, Open, Commercial, PLC and Fieldbus controls systems and the various pros and cons of each. Topic and presentation will appeal to Owners, Engineers, and Contractors. .

Bryan T. Lampley works as a sales and controls systems engineer for Hoffman Building Technologies, an independent Controls company located in Raleigh, North Carolina. He received his Bachelors Degree in Electrical Engineering from the University of North Carolina Charlotte in 1994. He has worked his entire 18-year career in the field of controls as it relates to process, HVAC, and Mission Critical systems. His experience ranges from hands on field engineering to systems design to overseeing implementation of Direct Digital Controls systems throughout the Eastern Seaboard. Mr. Lampley was elected as a full member of ASHRAE in 2000. He served the local chapter in the capacity of Programs Chair, Membership Chair for two years, CT2 Chair, Secretary, Treasure, Vice President, and President. While President the chapter won the prestigious Rudy Ferguson Award. As CT2 chair, he won the CT2 Emmy Award as well as the Society Dan Mills Technical Award. During this time, he represented the local chapter at the Regional level as their representative. Mr. Lampley now represents Region IV at Society as a member of the Society Nominating Committee.

Meeting Details

Date: Tuesday January 22, 2019 @ 5:30 PM

Social from 5:30 to 6:00PM

Speaker: **Bryan Lampley**

Location: Still Hopes, 1 Still Hopes Dr, West Columbia, SC 29169

Dinner will be provided at the meeting.

You MUST RSVP if you plan to attend the meeting. Please email us at scashrae@gmail.com. Also, you can also RSVP at <http://www.scashrae.clubexpress.com>. This helps the chapter accurately order food from the catering company

Applications Open for Leadership U



Are you active in your ASHRAE Chapter and looking to get more involved???? Make sure to apply for Leadership U! This program allows YEA members to shadow an ASHRAE Vice President at an ASHRAE Conference to get an in-depth look at the ins and outs of ASHRAE. Applications for the Leadership U program at the 2019 Winter Conference in Atlanta are open through October 1, 2018. [Learn more.](#)

With the 2018-2019 ASHRAE year starts, our YEA group thought it would be beneficial to host an event aimed at networking with other young professionals around the Columbia area. For those of you that don't know, YEA stands for Young Engineers in ASHRAE and we are the group of members under 35 years old that help promote ASHRAE events targeted at young professional engineers. Our aim is to not only network with other professionals in the industry, but also provide access to technical committees and scholarship opportunities.

As always, our chapter encourages anyone interested to come out to one of our monthly meetings for dinner, a great speaker, and networking! The Chapter still has a number of great events coming up, so check out <http://scashrae.clubexpress.com/> for a list and to register!



Hunter Wilson

YEA Chair, SC Chapter

Hunter.Wilson@hoffman-hoffman.com

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Since the last newsletter, we haven't had the greatest luck for Student Activities. At the beginning of the Fall Semester, we found out that the previous Student Chapter President had moved to another school. We wish him the best of luck there and hope he stays involved in ASHRAE. The student who replaced him decided to step down midway through the semester due to lack of involvement from other Students.

We're in the progress of setting up times for presentations to the Students in the mechanical engineering program. If you know of anyone at the university, either professors or other staff, that you think would be willing to help, please let us know. We could use all the help we can get. The last thing we want is to lose our USC Student Chapter.

If you ever see any Student Members at our monthly meetings, please be sure to engage with them and help them feel welcome. They are ASHRAE's future.



Sam Bernstel

Student Activities Chair, SC Chapter
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September/October 2018 Edition

Greetings!

Hi there, members

Once again, I would like to take this opportunity to welcome every member whether you are new to the ASHRAE organization or been member for a while. I am hoping that you will enjoy your time and find it beneficial to join ASHRAE in terms of career development and industry networking. We are always looking for new members, I encourage everyone to bring a guest to the chapter meetings and introduce them to the membership. I feel confident they will see the value of the continued education and networking opportunities.

Why Join?

Community – You'll see this incredible community fist-hand at the Winter Conference. Over 56,000 members, in 187 chapters. No matter what city you live in, chances are there is a group of ASHRAE friends nearby.

Involvement – Not required, but worth it. From technical committees to chapter-level volunteer opportunities, ASHRAE has a lot of ways for you to get involved.

Education – ASHRAE offers 900 Professional Development Hours of instruction, covering all major applications, and fundamentals. Members get discounts.

Publications – ASHRAE Members have access to the single largest source of HVAC&R knowledge in the world. And they get discounts.

ASHRAE South Carolina local chapter would not be successful without your support, if you have any questions about renewing the membership or would like to bring a new member to join ASHRAE, please don't hesitate to reach out to me, I will try my best to provide help and support.

We also encourage you to invite your co-workers, customers, suppliers or friends to come attend the local chapter events as guest or they can join as a member.

Joining ASHRAE membership Link (National Chapter)

<https://www.ashrae.org/membership--conferences/join-now>

Chapter Name: South Carolina, Chapter # 031, Region IV

<http://scashrae.clubexpress.com/>

Seak-Hwa Tan

MP Chair, SC Chapter

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Calling All Pieces of History!

Greetings everyone! We are very excited for a new year at ASHRAE. In a continuing effort to preserve the history of the South Carolina Chapter, we will be digitizing items of historical significance onto a central online database. With that being said, if there are any items that you've obtained over the years that you believe may help contribute to this preservation initiative, whether it be old pictures, signs banners, plaques, etc.. please contact Bryan Berg (bryan@hahn-mason.com)

Below is a highlight of one of the SC Chapters past presidents!



Donny R. Pittman, P.E. began his career working with B.F. Goodrich Company as a manufacturing engineer. In 1979, Donny co-founded Mechanical Engineering Consulting Associates (MECA), Inc. where he has 40+ years of experience in all aspects of mechanical engineering design, commissioning, system controls, and project management. Donny served as President of the SC chapter from 1987-1988. On behalf of the entire South Carolina Chapter I'd like to thank all past presidents for their diligent work in making us a successful chapter year after year!

Q: How long have you been involved with ASHRAE?

a. Since 1982

Q: What was your favorite position on the Board of Governors?

a. I don't know if you can have a favorite position on the board, but I guess treasurer since I've been doing it so long.

Q: What was your biggest challenge as President?

a. Getting paperwork from everyone, then getting it completed and into ASHRAE on time.

Q: What's your most fond memory of ASHRAE?

a. "Ladies Night" in May of 1988, when I got to hand the gavel off.

Q: What kind of change would you like to see the current SC community push for?

a. More involvement industry wide, especially from the consulting engineers in the industry. This society dictates our industry so it is our responsibility as engineers, contractors, reps, etc. to take care of it and participate to not only further ourselves but also our industry.

On behalf of the entire South Carolina Chapter I'd like to thank all past presidents for their diligent work in making us a successful chapter year after year!



Bryan Berg

History Chair, SC Chapter

bryan@hahn-mason.com

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Our first 50/50 raffle at the MCA Joint Meeting was a great success. We raised over \$200. Ty Fann was generous enough to donate all his winnings to the SC Chapter Endowment. We've also achieved Full Circle (when all BOG members personally donate \$100). In total, our endowment is up to _____. We require \$3,000 for the endowment to be fully funded. Once it's fully funded, we'll have recurring annual returns from the endowment that will contribute to our Chapter's RP Goal.

We're still planning the 2019 ASHRAE Golf Tournament. Information regarding the date and location will be released very soon. Please consider all colleagues inside and outside the HVAC community who would be interested in playing. The more teams that play, the more money we will be able to raise. We are also in need of hole sponsors, please consider donating to the research campaign. Please consider making a donation to the research campaign. If you have any questions, contact me.

As always check www.scashrae.clubexpress.com to stay informed about the latest SC ASHRAE events

AWW SHUCKS....

It's time for the ASHRAE
Annual

Oyster Roast

Including Beer, Wine, Chicken Bog & Chilli

Friday, January 18th at 5:30PM

Old Monticello Road Hunt Club

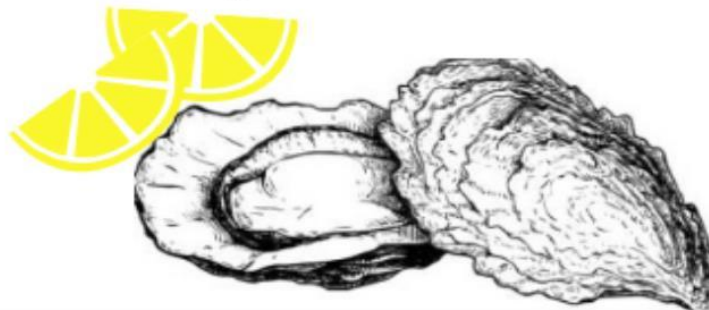
100 Monticello Trail

[Follow Signs]

Cost: \$40 Per Member
\$25 Per Additional Guest

R.S.V.P
by 1/15/19
to lauren@hahn-mason.com

****50/50**
CASH Raffle**



Sam Bernstel and Trey Brown

RP Co-Chairs, SC Chapter

Swb.engr@gmail.com Trey.Brown@hbtech.biz

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Who will be the 2017-2018 ASHRAE Sponsors? Sign up now!

\$800 – Diamond Chapter Sponsorship:

Includes:

- (1) Foursome for spring golf outing
- (1) Hole sponsorship for fall and spring golf tournaments
- Company logo on each newsletter and on SC Chapter main web page

\$200 – Web Site Sponsor

Includes:

- Company logo on SC Chapter main web page

\$200 – Chapter Meeting Sponsor

Includes:

- Table outside of meeting room for display or literature
- Logo on welcome message during meeting
- Announcement of sponsorship during meeting

If you would like to be a sponsor for the 2017-2018 calendar year, please click on the link for more information or contact Michael Rushing (below is the email)

http://scashrae.clubexpress.com/content.aspx?page_id=22&club_id=28006&module_id=254034&sl=712922394.

Michael Rushing

Chapter Board of Governors, SC Chapter

Michael.rushing@hbtech.biz

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Scholarships Available - Apply Today!

Through its scholarships, ASHRAE seeks to motivate students and prospective students worldwide to pursue an engineering or technology career in the HVAC&R field. The Society's Scholarship Program also serves the public interest by aiding in the education of men and women to become qualified to practice as engineers in HVAC&R. ASHRAE has 28 scholarships available for the 2015-16 school year, for high school seniors entering college through senior undergraduate engineering students and engineering technology students. ASHRAE is seeking your assistance in making student members aware of this financial assistance.

- * 8 regional/chapter and university-specific scholarships — \$3,000 to \$5,000 each. Now accepting applications!
- * 12 undergraduate engineering scholarships — \$3,000 to \$10,000 each. Now accepting applications!
- * 4 high school senior scholarships — \$3,000 each
- * 4 engineering technology scholarships — \$5,000 each

Qualified students are encouraged to apply online:

www.ashrae.org/scholarships

Annual Application Deadlines:

May 1st for Engineering Technology and High School Senior Scholarships

Scholarships are awarded for the academic year following the application deadline beginning with the fall semester. For a list of available scholarships, complete eligibility requirements, and an application, visit

www.ashrae.org/scholarships



Online Instructor-Led Courses

\$284 (\$219 ASHRAE Member)

Two-part courses: **\$484 (\$359 ASHRAE Member)**

All courses are archived for a period of time after their initial presentation. Receive a 10% discount on the PDF format of the Recommended Reference. (Discount is included in item prices on registration form.)

2019 Instructor- Led Courses

Click here to [register now!](#)

Thermal Energy Storage Systems for Air Conditioning	31 Jan 2019	Online	REGISTER
Save Over 35% Using Appendix G of ASHRAE Standard 90.1-2016 ES Practices	12 Feb 2019	Online	REGISTER
Humidity Control I: Design Tips and Traps IAQ Practices	26 Feb 2019	Online	REGISTER
Complying with Standard 90.1-2016: HVAC/Mechanical ES Practices	05 Mar 2019	Online	REGISTER
Air-to-Air Energy Recovery Applications: Best Practices ES Practices	19 Mar 2019	Online	REGISTER
Designing and Operating High-Performing Healthcare HVAC Systems	02 Apr 2019	Online	REGISTER
NEW! Choosing the Right Energy Code for Your Project: IECC 2018 or ASHRAE Standard 90.1-2016 - Two-Part Course	16 Apr 2019	Online	REGISTER

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Are you missing out?

Don't miss out on the latest ASHRAE publications! For more information, visit the Resources and

ASHRAE JOURNAL



Most college science buildings consume a lot of energy. But, the Davis Building at the University of Findlay has a site EUI of only 64

kBtu/ft², which is significantly lower than most similar buildings that include labs with many fume hoods. This issue also features articles about when adding more fan power can be a good thing, the future of residential construction and a side-by-side comparison of VAV vs. radiant.

[Learn More >](#)

HPB MAGAZINE



Learn how the Federal Center South Building 1202 fosters a culture of collaboration, while the Haywood

Community College Creative Arts Building welcomes artists with open, daylit spaces that maximize passive strategies to reduce energy use. The SIERR Building at McKinstry Station demonstrates that even a nearly condemned building can be transformed into a high performing, energy-efficient office.

[Learn More >](#)

PUBLICATIONS CATALOG



[Interactive Catalog](#)

[Downloadable Catalog \(PDF\)](#)

ASHRAE TERMINOLOGY



Explore this new free resource, a comprehensive online glossary of more than 3700 terms related to the

built environment, with a focus on HVAC&R terms. Learn more at www.ashrae.org/ASHRAETerms

Publications page: www.ashrae.org/resources--publications

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How Do I Join ASHRAE?

1. Visit <https://scashrae.clubexptess.com> to start the process
2. Click "Membership" on the horizontal menu bar
3. On the pull down menu, click "Join our Mailing List"
4. A prospective member will then be directed to enter his or her email information.
5. Our Membership Promotion Chair will then contact you to walk you through joining our chapter

Convenient and Useful ASHRAE Links

Again, this year, our use of the Internet to further embrace our goal of Modeling a Sustainable World will be continued. Please use the web sites listed below:

1. RSVP and prepay for each event through the SC ASHRAE <http://www.scashrae.clubexpress.com>. For events where meals are served, you must at least RSVP to ensure that there will be a meal for you. We encourage you to prepay, as this will speed your way through the check-in process.
2. Donate to ASHRAE Research Promotion. We have a fundraising goal of \$11,500 this year, so please do what you can to help fund ASHRAE research. Donate here: http://scashrae.clubexpress.com/content.aspx?page_id=301&club_id=28006