



Giga-Joule

May 2017

<http://www.ashrae4greenville.com/>

Meeting Announcement

Grassroots Government Advocacy in South Carolina

The Greenville meeting will be held on **Tuesday, May 9, 2017 at 11:45 AM**

RSVP here: <https://goo.gl/forms/f5XzkyYqJQ9TxWwf1> by Monday, May 8

Location: M.T. Anderson Support Center
100 Blassingame Rd
Greenville, SC 29605

Program Cost includes catered lunch!

- \$13 via website: <http://www.ashrae4greenville.com/next-greenville-meeting>
- \$15 at door for chapter members, \$20 for non-chapter members

Education Credit: This Seminar qualifies for 1.0 PDH each (including NC PE).

If you have any questions, contact: Jeremy Butdorf at 864.232.0200 or jeremyb@jmpco.com

Meeting Sponsor: **Sponsorships available!** Contact our Research Promotion officer Jeff MacNeil JMacNeil@hahn-mason.com for more information.

Upcoming Events

- Geothermal Summit on Monday, May 15, 2017 at Clemson University
- We will have a bus available to take us from ICAR to the Clemson Campus leaving at 8:00am sharp. Please sign up by contacting Rodney Hinton at rhinton@palmettoairbalance.com if you would like to take the bus.



Clemson® University

GEOHERMAL SUMMIT

may 15, 2017

A Message from the President



Rodney Hinton – President
ASHRAE – Greenville Chapter
RHinton@PalmettoAirBalance.com
864-303-5722

This will be the last official chapter meeting of the 2016/2017 year and therefore my last newsletter as President. I would like to thank my Board of Governors for their dedication and commitment, not only to ASHRAE, but to our community and me, personally. I also want to thank all the sponsors of our meetings and the golf tournament, without you we could not keep our meeting costs down or provide the quality of food that we serve. Lastly, I thank YOU for being a chapter member and participating in our meetings; you have made this year fun and a meaningful time in my life. During the year, we have hosted eleven educational meetings including two in Asheville, we worked with Habitat for Humanity to improve the lives of others in our community, we hosted a football tailgate “meet and greet” event at the home of the 2016 National Football Champions, an Oyster Roast, a Fly Fishing trip, we toured a microbrewery, we redesigned our website, we hosted a golf tournament and we prepared for the 2017/2018 ASHRAE year.

As a bonus, we proud to be co-hosting Clemson University’s Geothermal Summit on May 15, 2017!

Please check out the following link for complete details and mark your calendars!

<http://www.cugeosummit.com/> .

I want to personally thank Melissa Angulo, the 2017/2018 president elect for supporting me as president elect and I look forward to her leadership during the coming year.

Sincerely,

Rodney

April Meeting



T. R. "Randy" Jones

Program: **GGAC activity in South Carolina**

ASHRAE Highlights

Randy was the Director and Regional Chair for Region IV from 2010-2013. He is the past chair of the ASHRAE Building Energy Quotient committee, Research Promotion Committee, and Development Committee. He is presently serving on the GGAC committee, the ASHRAE Foundation and the standards committee drafting proposed BSR/ASHRAE STANDARD 214P, "Standard for Determining and Expressing Building Energy Performance in a Rating Program".

Randy was the winner of the William J. Collins Research Promotion award 1995-96 and Chapter Service award 2009, Regional Award of Merit 2012, the ASHRAE Distinguished Service Award 2015 and the ASHRAE Exceptional Service Award in 2016.

Current Position

President of the Chapman Company, manufacturers' representatives founded in 1994. The Chapman Company currently has offices in Charleston SC, Lexington, SC, Raleigh, NC, Charlotte, NC, and Atlanta GA. The Chapman Company is a leader in providing Seismic Restraints and Vibration Isolation in our territories. Randy entered the HVAC business in 1978 with Johnson Controls.

Randy was a commissioned officer in the United States Navy from January 1972 until July 1977. He served aboard the destroyer USS Cone DD-866 as First Lieutenant, Gunnery Officer, & Navigator until February 1975, including a combat tour in the Tonkin Gulf 1972-1973. Completed active duty in July 1977, and retired from the U.S. Naval Reserve as Lieutenant Commander in 1989.

Other Organizations

Currently an active member of the SC Mechanical Contractors Association. He serves as Vice President and Treasurer of Friends of Santa, a local charitable organization and is an active member of All Saints Lutheran Church in Mt. Pleasant, SC.

Education

Attended University of South Carolina from 1967-1971. Earned a degree in mechanical engineering. Returned to University of South Carolina and completed a Masters in Business Administration degree in August 1978.

Next Year's ASHRAE Greenville Chapter Board

Chapter Leadership for 2017-2018

Voting was conducted at the 4/11/17 chapter meeting

Chapter President	Melissa Angulo
Chapter President Elect	Jeremy Butdorf
Chapter Vice President	Rodney Hinton
Chapter Secretary	Dorothy Bertolini
Chapter Treasurer	Jeff B Beard
Chapter Board of Governors	Myrna Dayan
Chapter Board of Governors	Devon Cortright
Chapter Board of Governors	Karl Counts
Chapter Board of Governors	Bill Knight
Chapter Board of Governors	Brandt H Williams
Chapter Technology Transfer Chair	Jeremy Butdorf
Chapter Membership Promotion Chair	Carson Carpenter
Chapter Research Promotion Chair	Jeff MacNeil
Chapter Student Activities Chair	Ryan Tonnsen
Chapter Grassroots Government Activities Chair	Tigue Garick
Chapter Historian	Daniel Lowe
Chapter Honors and Awards	Devon D Cortright
Chapter Webmaster	Karl F Counts
YEA	Brandon Dillard

Membership Promotion



Jeremy Butdorf
Membership Chairman
jeremyb@jmpco.com

Thank you to all the members who continue to bring guests! We would love to see our chapter continue to grow and thrive! Remember - Bring a prospective member to the next meeting and have a chance to win one of 4 American Express \$25 Gift Cards. You must introduce the prospective member to me, so I can get their contact information.

We need your help! Please check your membership status with ASHRAE and be sure you are up to date – I will be contacting those of you with lapsed membership to help with any issues. With Greenville and Asheville constantly growing, we need to grow our membership as well. A big part of growth is bringing guests, but we also need to retain our members as well! ASHRAE is a great organization for learning, networking, and fellowship – Let's actively work together to grow our chapter and also keep around our long serving members!

Research Corner



Jeff MacNeil
Research Promotions Chairman
jeff@hahnmason.com

Thank you to everyone who has sponsored holes for this year's golf tournament and to those who have registered to play as well. It is much appreciated and we look forward to a great day on the links. We do have a few more openings if anyone is still interested in joining with a team or as an individual. You can either email me at jeff@hahnmason.com or visit the link below. We are playing at Legacy Pines on April 21st.

<http://www.ashrae4greenville.com/next-golf-tournament>

I would like to thank everyone who has donated to this year's campaign:

Wade Crow Engineering	James Reeves
Adolph Beyerlein	William Graves
Thermal Resource Sales	Palmetto Air & Water Balance
Commissioning Consultants	James M. Pleasants
Jamie Porterfield	Tigue Garick
Rodney Hinton	Jeff Beard
Melissa Angulo	Jeff MacNeil
Donald Willoughby	Dorothy Bertolini
Greenville ASHRAE Chapter	

We appreciate your continued support for our local ASHRAE Chapter.

Chapter Vice President



Tigue Garick
Vice President
TigueG@JMPCO.com

We successfully sent Bryan Chirillo, Clemson Student Chapter President, to this year's winter meeting. Please see attached letter from him concerning his trip.

Young Engineers in ASHRAE (YEA) Chairs



YEA Chairs

Brandon Dillard

brandonrdillard@gmail.com

Carson Carpenter

ccarpenter@devitainc.com

YEA is happy to announce we will be sponsoring a happy hour on April 20th at the Upstate Craft Beer Co., the first nano brewery in the Upstate. Please see the flyer included in the newsletter for more details. We look forward to seeing you there.

Young Engineers in ASHRAE (YEA) Chairs



Daniel Lowe

Chapter Historian

LoweD@CxConsultants.com

We are composing a biographical report on the career successes of Mr. Benny Bootle which will be submitted as a candidate for the Lou Flagg Historical Award! This award was established in 2002 "to recognize a Chapter Gold Ribbon Award winner for compiling information on outstanding historical projects or persons related to HVAC&R."

Student Activity Chair



Ryan Tonnsen
Student Activity Chair
wtonnsen@greenville.k12.sc.us

Clemson Student Chapter of ASHRAE will be having a job fair for engineering on Wednesday, March 8th. This is the perfect time to find some help for those tight deadline summer projects or look for candidates to fill open positions. Members of our Chapter have been very pleased with the quality of candidates they were able to recruit through this job fair in years past. Let's make it a success again this year.

If you are interested in participating, please contact Ryan Tonnsen or Daniel Lowe.

Clemson Student Branch President



Bryan Chirillo
Clemson Student Branch ASHRAE President
Senior Mechanical Engineering Student | Clemson University
bchiril@g.clemson.edu

Treasury



Jeff Beard
Treasurer Greenville ASHRAE
Jeff.beard@heattransfersales.com

Our finances remain stable and we continue to provide a great menu during our meetings. Thanks to the "Presenting Sponsors" of our meetings. If you are interested in being a presenting sponsor please let me know as these opportunities are filling up fast.

ASHRAE Greenville Chapter Board

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Chapter Webmaster	Karl F Counts
YEA CO-CHAIRS	Carson Carpenter Brandon Dillard,

Event Dates for 2016-2017

Date	Topic	Location	Presenter
Tuesday 09/20/2016	Integrating Indoor Air Quality and Energy Efficiency in Buildings	Lenoir-Rhyne-3 rd floor 36 Montford Ave. Asheville, NC	William P. Bahnfleth, PhD, PE, FASHRAE, FASME ASHRAE Distinguished Lecturer
Wednesday 09/21/2016	Integrating Indoor Air Quality and Energy Efficiency in Buildings	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	William P. Bahnfleth, PhD, PE, FASHRAE, FASME ASHRAE Distinguished Lecturer
Tuesday 10/11/2016	Fabric Ductwork Fundamentals and Applications	MT Anderson 100 Blassingame Rd Greenville, SC	Bret Pettit Regional Sales Manager Fabric Air
Saturday 10/15/16	YEA Tailgate Party: Starts 4 hours prior to the announced kickoff time for the NCSU vs Clemson Game	Parking Space 5179 Lot #5 West End Zone	Young Engineers in ASHRAE Committee (YEA) of the GSP Chapter
Monday 10/31/2016	Second Annual Fly-fishing Outing	ECO Elizabethan, TN	Chapter Function
Tuesday 11/1/2016	Building Performance Analysis for Building Performance Rating Systems	Lenoir-Rhyne-3 rd floor 36 Montford Ave. Asheville, NC	Dennis Knight ASHRAE Distinguished Lecturer
Wednesday 11/2/2016	Productivity and Leadership	MT Anderson 100 Blassingame Rd Greenville, SC	Dennis Knight ASHRAE Distinguished Lecturer
Wednesday 11/2/2016	Building Performance Analysis for Building Performance Rating Systems (1 hour Seminar after the meeting)	MT Anderson 100 Blassingame Rd Greenville, SC	Dennis Knight ASHRAE Distinguished Lecturer
Tuesday 12/13/2016	Condensing Boiler Piping Design	MT Anderson 100 Blassingame Rd Greenville, SC	Patrick Leake JMP
Tuesday 01/10/2017	Vibration and Seismic Topic TBD	MT Anderson 100 Blassingame Rd Greenville, SC	Jonathan Reinhardt Mason Industries
Monday 2/13/2017	Oyster Roast	Bimini's 100 Villa Road Greenville, SC	Chapter Social
Tuesday 02/14/2017	TBD	MT Anderson 100 Blassingame Rd Greenville, SC	Trane-TBD
Tuesday 03/14/2017	What is the current plan for commercial equipment efficiencies	MT Anderson 100 Blassingame Rd Greenville, SC	Gus Faris VP-Engineering Nailor Industries
Tuesday 04/11/2017	Digital Controls Systems Explained	MT Anderson 100 Blassingame Rd Greenville, SC	Bryan Lampley, PE
TBD	Spring Golf Outing	TBD	Chapter Function
Tuesday 05/9/2017	CGAC Topic	MT Anderson 100 Blassingame Rd Greenville, SC	T. Randy Jones