



Giga-Joule

Greenville Chapter

May 2008

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

Meeting Announcement

The May meeting will be held on Thursday, May 8th at the Roper Mountain Science Center. The details are listed on the Programs Page. For more information, please contact our Programs Chairman, Will Thomason, by phone at 864-232-0200 or, email at programs@ashrae4greenville.com

A Message from the President

On behalf of the Greenville Chapter, I want to thank Blaine Walker for his excellent presentation last month. It was a fascinating look back into the past history of the HVAC movement in South Carolina, and a reflection on those instrumental leaders who established ASHRAE in our state. Blaine has put a lot of hard work and research into documenting the ASHRAE lives of these fine men. With out all of their dedication, we wouldn't have the success we enjoy today.

In that one April meeting we covered the past and moved onto the Future. Congratulations to our new leaders for 2008-2009! Elections were held at the April meeting and here are your new officers:



President:	Will Thomason
Vice-President:	Karl Counts
President-Elect:	Davin Sandhu
Treasurer:	Rodney Hinton
Secretary:	Manuel del Valle Jr.
Governor:	Paul Jensen
Governor:	Bill Knight
Governor:	Carroll Suttles

Your Committee Chairmen are:

Programs:	Davin Sandhu
Membership:	Dorothy Bertolini
Research:	Brian Alexy
Chapter Technology:	Devon Cortright
Student Activities:	Hamp Crow

Call or email me with any comments or suggestions. I am always open to new ways to improve the ASHRAE experience for our members.

Karl F Counts PE
Greenville ASHRAE President
president@ashrae4greenville.com



Will Thomason
Programs Chairman
programs@ashrae4greenville.com

Chapter Programs

The Programs Committee is continually brainstorming for future program ideas.

- Has a recent magazine article piqued your curiosity on a new technology or application?
- Do you have a need for specific training?
- Would you like a full or half day seminar on a technical issue?

I would really like to hear your suggestions and extend the offer to join the Programs Committee. Besides proposing meeting subject matter, committee members receive the opportunity to review the suggestions of others and vote on which topics are selected. This is a great way for you to make yourself heard.

April Meeting

Program: **Integrated Building Design**

Presenter: **Chuck Gulledge**

For our May meeting, Chuck Gulledge will be speaking about the Integrated Building Design. Chuck works for AC Corp in Greensboro, NC and is an ASHRAE DL. This topic is a follow up to the satellite broadcast on April 16. This is an important topic that we all deal with. This is also our last meeting of the year. Hope to see everyone there.

Location: Roper Mountain Science Center (www.ropermountain.org)

Park at the top of mountain. Walk through the main building (up the stairs). We are in the David H Wilkins Conference Center, the building diagonally to the right across the courtyard.

Date: Thursday, May 8, 2008

Time:	11:30 a.m.	Doors Open
	11:35 a.m.	Lunch Served
	11:45 a.m. to 12:00 p.m.	Chapter Business
	12:00 a.m. to 1:00 p.m.	Main Program

Cost: **\$10/person (includes a catered lunch) Guests are welcome!**

Bonus Meal Cards are Free to Chapter Members, which offer a Free Meal after purchasing 4 Meals

Education Credit: This program qualifies for 1.0 PDH (including NC PE)

**Please RSVP to programs@ashrae4greenville.com
no later than Noon Tuesday May 6, 2008**

Membership Corner

It is once again time for our semi-annual **membership drive**. As always, if you bring a guest with a filled out application form, you and your guest will eat for free. We have a healthy base of regular attendees, and a many great guests. We average 32 attendees every month, and 29% of them are Guests. Now is a great time to join and become a full member. Special thanks also goes out to our regular Attendees. Some notable mentions go out the Jim Reeves, Walter Tuttle, Manuel Del Valle, Greg Kyzer, Bill Carnes, Jay McCutcheon, & Rob Rettew who over the past year and half show as our top meeting attendees. Thank you for all your support, and we look forward to this support every month in making us a great chapter.



Chris Adams
Membership Chairman
membership@ashrae4greenville.com

Why become a member? ASHRAE membership provides direct access into the Society's HVAC&R technical library of knowledge that is continually updated and expanded. Rooted in the Handbook, this knowledge base extends into cutting edge research papers and technical discussions published in the ASHRAE Journal and other Society periodicals. How do you keep up to date with changes in the industry? Where did you read about the details of a new integrated refrigeration control system strategy? Where did you see an advertisement for a new type of air quality sensor that's exactly what you need for a job you're bidding out next week? You probably read it in an ASHRAE publication...just part of your ASHRAE Membership experience.

Do you have 12 years combined education and work experience? UPGRADE TO FULL MEMBER STATUS TODAY!!!

For a membership application please visit <http://www.ashrae.org/members/page/589> and you can join online or print out, fill out, then mail or fax to ASHRAE. Please mark that you are joining the Greenville Chapter and we look forward to your support, and supporting you through the many benefits of ASHRAE.

Students & Scholarships

In 2007 ASHRAE awarded approximately \$86,000 in scholarships to college students. Each year the Greenville Chapter Board of Governors receives directives from national to promote scholarships, because they have not received enough applications for all of the possible awards. Scholarships are available in \$3000, \$5000, and \$10000 increments. But one must plan; applications for the undergraduate engineering scholarships were due in for the 2008-2009 year by December 1, 2007. Awards for the Undergraduate Engineering Technology Scholarships for the 2009-2010 year are due in by May 1, 2008. In addition to undergraduate scholarships, ASHRAE provides funding for senior projects and research grants for graduate students. Go to <http://www.ashrae.org/students/page/704> for more information. Keep in mind that undergraduate engineering scholarship applications for the 2009-2010 academic year must be submitted by December 1, 2008.

The ASHRAE scholarship web page also includes links on the requirements for the ASHRAE 2008 Student Design Competition. First place award is \$1500 and a trip to the ASHRAE 2009 winter meeting. Deadline for entry is May 9, 2008.

Research Promotion

Thanks to all who braved the cold & rainy weather to play in our Spring Golf Outing!! We had a scramble tournament on April 3rd at Bonnie Brae Golf Club, and although Mother Nature did not cooperate, a large contingent of ASHRAE members from our chapter certainly did, as we were able to raise over \$2,300 for Resource Promotion! We then celebrated with a wonderful low country boil afterwards, put on by our own Rodney Hinton, and our gratitude goes out to Rodney for a job well done.



Here is a recap of the winners!



1st Place Low Gross Score of a 9-under 63 (by way of tie-breaker):

Will Thomason
Philip Walpole
Bob Miller
Shane Blackwell

Closest to the pin: Ben McKay, hole # 7
Closest to the pin: Will Thomason, hole # 17
Longest drive: Rock Ramsey, hole #10

Special Thanks to our sponsors:

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Maddox Engineering
Waldrop Mechanical
Caviness Lambert Engineering
Thermal Resource Systems

We doubled the number of sponsors from the fall, great job to everyone! Please pass along any suggestions my way for next fall's outing, including courses to play at and possible dates.

Our 2007-2008 RP Donation Year is quickly drawing to a close, if you or your company has not yet donated I strongly urge you to help out in any way possible, and if you are unsure whether or not you have donations on the books for this year you can always check with me and I will find out for you. Thanks!



Brian Alexy
Research Chairman
rp@ashrae4greenville.com

Education Opportunities and Buildings in the South

Clemson is sponsoring a series of Thursday evening classes during the month of May on ductwork and hydronics at the University Center facilities of Greenville Technical College. Information is attached.

An associate at work reminded me of an article from a couple of years ago titled "Joe's Top Ten List of Dumb Things to do in the South". The very opinionated author has an ample supply of attitude and a number of valid points about buildings in the south. I do not agree with all of his points, but it is informative and entertaining at the same time. (Those from the north with thin skins should not read this one.) Among the items on his list are venting of attics, crawlspaces, carpeting in schools, and ASHRAE 62.

<http://www.buildingscienceconsulting.com/topten/south.htm>

Your Board of Governors is working on programs for next year. We want to provide programs that you are interested in. Please make a suggestion.



Devon Cortright PE
Chapter Technology
Transfer Chairman
dcortright@h2i.com

Greenville Chapter Platinum Sponsors:



2007-2008 Chapter Officers

Position	Officer/Chairman	Company	Phone	Fax	email
President	Karl Counts	Day & Zimmermann	241-8335	241-6750	president@ashrae4greenville.com
Vice-President	Eric Scott	Carrier Carolinas	232-6633	242-0290	vp@ashrae4greenville.com
Programs Pres-Elect	Will Thomason	James M Pleasants	232-0200	298-6330	programs@ashrae4greenville.com
Secretary	Davin Sandhu	Johnson Controls	234-3819	676-1174	secretaryt@ashrae4greenville.com
Treasurer	Rodney Hinton	Palmetto Air and Water Balance	877-6832		treasurer@ashrae4greenville.com
Governor (Historian)	Paul Jensen	Trane Upstate Carolina	672-6130	672-6001	history@ashrae4greenville.com
Governor	Bill Knight	Greenville County Schools	355-7792	355-9388	gov3@ashrae4greenville.com
Membership Chair	Chris Adams	Adams Companies	704-400- 6033	704-664- 0846	membership@ashrae4greenville.com
Research Prom. Chair	Brian Alexy	Carolina Cooling	633-9494	704-521- 4444	rp@ashrae4greenville.com
CTT Chair	Devon Cortright	H2L	233-8844	232-2679	dcortright@h2l.com
Student Activities Chair	Hamp Crow	Wade Crow Engineering	585-9903	585-4528	sa@ashrae4greenville.com
Webmaster	Karl Counts	Day & Zimmermann	241-8335	241-6750	webmaster@ashrae4greenville.com

Tentative Event Dates for 2007-2008

Tuesday 9/18/2007	Variable Refrigerant Flow	Chris Adams Adams Companies
Thursday 10/25/2007	Fall Golf Tournament	October 25 Willow Creek Golf Club
Tuesday 10/16/2007	Chiller Plant Piping	Chris Edmondson PE James M Pleasants
Thursday 11/8/2007	HVAC Engineer Legal Issues	Ward Lambert
Tuesday 12/11/2007	Compliance with ASHRAE Standard 90.1	Dick Lord
Thursday 1/10/2008	Mechanical Insulation	Roger Schmidt
Thursday 2/14/2008	Design Guides for Pharmaceutical Facilities	Manuel Del Valle
Thursday 3/13/2008	HVAC Equipment & MERS for Phar/Bio Facilities	Manuel Del Valle
Thursday 4/03/2008	Spring Golf Tournament	Bonnie Bare Golf Club
Tuesday 4/08/2008	Social Joint Meeting with the SC Mechanical Contractors Association	GM Mechanical Hosting
Thursday 4/10/2008	History of SC Chapters	Blaine Walker
Thursday 5/8/2008	Integrated Building Design	Charles Gullede



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Technology for a Better Environment

Region IV
Greenville Chapter