Meeting Announcement

The March meeting will be held on Thursday, March 13th 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

The Greenville Chapter is indebted to Manuel del Valle for presenting at last month's meeting and following up with another program in March. Manuel is the real deal when it comes to design of clean spaces. Don't miss out on these programs to learn from his experiences.

Well its election time, not just for the country but for the Greenville Chapter. Instead of listening to the presidential candidates debate how much they might give you, take a suggestion from JFK and ask what you can do for Greenville ASHRAE. We already have candidates that have thrown their hats in the ring, but the offer is open to all chapter members who would like to be candidates for the offices of President-Elect, Treasurer, and Secretary. Please contact me if you would like to serve. Here are our officer candidates so far:

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

The Committee Chairmen are appointed by the Board of Governors (Officers) and the following members have offered to serve:

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

Please don't be afraid to 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
Chapter Programs

The Programs Committee is continually brainstorming for future program ideas. Please consider:

- 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.

March Meeting

Program: SA & EC HVAC Design guides for Pharmaceutical Aseptic Facilities
Presenter: Manuel A. del Valle

For our March meeting, Manuel A. del Valle of Manuel A. del Valle Consulting will be speaking about SA & EC HVAC Design guides for Pharmaceutical Aseptic Facilities. Manuel has 42 years of diverse experience in international HVAC design. Some of his pharmaceutical clients include Wyeth, Syntex, Bristol-Myers Squibb, and Hoffman La Roche. He has published articles in trade publications such as Pharmaceutical Engineering, BioPharm International and Clean Rooms Magazine.

Location: Roper Mountain Science Center (www.ropermountain.org)
Date: Thursday, March 13, 2007
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!

Read about our new lunch packages in the Membership Corner

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

Please RSVP to programs@ashrae4greenville.com no later than Noon Tuesday, March 11, 2007
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.

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](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.

ASHRAE Live Satellite Broadcast:

Integrated Building Design
Bringing the Pieces Together to Unleash the Power of Teamwork
April 16, 2008
1:00 – 4:00 PM
Lunch will be served at 12:30
Cost: $10
Location: Trane Carolinas
288 Fairforest Way
Greenville

RSVP to CTT@ashrae4greenville.com

This broadcast explains what you and other members of the building team must do to advance high-performance buildings with improved design, construction and operations processes. Buildings that meet the needs of occupants and truly achieve sustainability objectives can only be created if the building community shares its knowledge and experiences. Join ASHRAE in learning more about your role in integrated building design and helping to create a sustainable built environment.

ASHRAE Greenville Chapter is an approved sponsor of Continuing Professional Competency for engineers licensed in North Carolina.

Three PDH credits will be granted to those who view the program and then complete the Participant Reaction Form on the ASHRAE webpage following the broadcast.
DOE Webcast on Standard 90.1-2007

The U.S. Department of Energy is sponsoring a three part web-cast on 90.1-2007. The first part, on lighting, was broadcast in January. The second part, on the mechanical portions of the standard, was February 28. The third part, on the building envelope, is scheduled for March 27. These webcasts are good for PDH’s and CEU’s. Go to www.energycodes.gov for more information and to sign up.

Students & Scholarships

Would you like to build your own thermometer? ASHRAE has a section of their website dedicated to student activities. In addition to the scholarship information the site offers resources for presentations to students in the K-12 environment. Science experiment suggestions, including the thermometer, are posted at http://www.ashrae.org/students/.

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 2008-2009 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

Please remember to remind your companies about donating to the 2007-2008 ASHRAE Research Promotion campaign. We still have a long way to go to reach our goal as a chapter. Special thanks to all those who donated to the 2006-2007 ASHRAE Research Promotion campaign:

Mr. Douglas M. Wadas
Mr. Ronnie D. Hackett
Waldrop Heating & Air Conditioning, Inc.
Mr. Adolph Beyerlein
Mr. Steven V. Abernathy
Palmetto Air & Water Balance, Inc.
Duke Energy Corporation
Mr. Wade C. Crow

Mr. Harrison R. King
Essential Systems Engineering, P.A.
Mr. James W. Bryan
Mr. Frederick T. Scott
Mr. Paul E. Jensen
Wade Crow Engineering
Mr. Edwin W. Evans

If you have not already received your Donor Recognition Certificates, please come see me, I have them. Be sure to notify me of any upcoming dates in spring for conferences, industry seminars, golf outings, etc.
Spring Golf Tournament

ASHRAE SPRING 2008
GOLF TOURNAMENT & COOK-OUT

WHERE: BONNIE BRAE GOLF CLUB
1116 Ashmore Bridge Rd., Greenville, SC, (864) 277-9838

WHEN: THURSDAY, APRIL 3RD

GOLF: SHOTGUN START AT 12:00 PM
DINNER: LOW COUNTRY BOIL AT 5:30 PM

COST
Dinner - $10 /person
Golf & Dinner - $65 / player or $250 / foursome
(Incl. greens fees, cart, range balls, 2 drink tickets, prizes, dinner)
Mulligans - $20 / team (2 shots per player)

SPONSORS!!!
Hole Sponsorship: $200
Silver: $250 (1 hole sponsorship & 1 player in tournament)
Gold: $400 (1 hole sponsorship & 1 team in tournament)
Platinum: $500 (1 hole sponsorship, 1 team in tournament, plaque, name on ASHRAE webpage, recognition at all meetings)

*All sponsors will have their fees donated to ASHRAE Research in their company’s name

Please see next page for registration and contact information
Greenville Chapter Platinum Sponsors:

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<thead>
<tr>
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<th>Company</th>
<th>Phone</th>
<th>Fax</th>
<th>email</th>
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<td>Karl Counts</td>
<td>Day &amp; Zimmermann</td>
<td>241-8335</td>
<td>241-6750</td>
<td><a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a></td>
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<td>Vice-President</td>
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<td>Carrier Carolinas</td>
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<td>242-0290</td>
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<td>Programs Pres-Elect</td>
<td>Will Thomason</td>
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<td>298-6330</td>
<td><a href="mailto:programs@ashrae4greenville.com">programs@ashrae4greenville.com</a></td>
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<td>Secretary</td>
<td>Davin Sandhu</td>
<td>Johnson Controls</td>
<td>234-3819</td>
<td>676-1174</td>
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<td>Treasurer</td>
<td>Rodney Hinton</td>
<td>Palmetto Air and Water Balance</td>
<td>877-6832</td>
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<td><a href="mailto:treasurer@ashrae4greenville.com">treasurer@ashrae4greenville.com</a></td>
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<td>Trane Upstate Carolina</td>
<td>672-6130</td>
<td>672-6001</td>
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<td>Governor</td>
<td>Bill Knight</td>
<td>Greenville County Schools</td>
<td>355-7792</td>
<td>355-9388</td>
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<td>704-664-0846</td>
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<td>704-521-4444</td>
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<td>Wade Crow Engineering</td>
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<td>585-4528</td>
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<td>Karl Counts</td>
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<td>241-8335</td>
<td>241-6750</td>
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<td>Blane Walker</td>
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<td>Integrated Building Design</td>
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<td>Charles Gulledge</td>
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