



Giga-Joule

Greenville Chapter

September, 2011

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

Meeting Announcement

The March meeting will be held on Thursday, September 8th at the Roper Mountain Science Center. The details are listed on the Programs Page. For more information, please contact our Secretary, Ryan Tonnsen, at secretary@ashrae4greenville.com

A Message from the President

Welcome to the start of another ASHRAE year! My name is Grant Wiegmann and I am excited to be the new President of the Greenville ASHRAE Chapter for 2011-2012. I would like to introduce myself to those of you who do not yet know me. I work locally here in Greenville as a Sales Engineer for Trane, where I have worked for a little over 3.5 years. Before that I attended the University of Missouri, where I received a mechanical engineering degree. Go Tigers (the black and gold Tigers that is...)! I look forward to meeting you and serving as your President.



We are in the process of putting together an exciting list of speakers that are going to be presenting this year at our chapter meetings. If you have any comments or suggestions, please let anyone of the board members know because we are always looking for new ideas and suggestions. We are still looking for someone to serve as our Programs Chair (this is being done by committee until we find a chair). If you or someone you know is interested in being on the Board, please let me know.

On that note, I'd like to again thank Devon Cortright for doing a great job of serving as our President for the 2010-2011 year. Our President-Elect had to move for a job opportunity, and Devon stepped up and filled in nicely.

I am looking forwards to a prosperous year and hope that you can come join us. Below is a list of our Chapter Officers and Committee Chairman for the coming year.

This year's Officers:

Grant Wiegmann (President)
? (Programs/PE)
Rodney Hinton (Treasurer)
Ryan Tonnsen (Secretary)
Bill Knight (BOG)
Carrol Suttles (BOG)
Karl Counts (BOG/Webmaster)

This year's Committee Chairman

Dorothy Bertolini (Membership)
Daniel Lowe (Student Activities)
John Mullis (Historian)
Will Thomason (RVC RP)
Brandt Williams (CRC Chair)
Lee Chapman (RP)

Grant Wiegmann
Chapter President
president@ashrae4greenville.com

Membership Corner

Well it's that time again ~ The kids are settled back in to their routine which gives us the ability to get back to business. ASHRAE Greenville has been working hard in the off season. Most recently, along with several other members of the Board, we had the opportunity to meet with our counterparts in the Region at the yearly CRC Meeting held earlier last month in Myrtle Beach. Thanks to all who took the time to attend and to those who worked so hard behind the scenes to provide us with a great meeting at a spectacular location. By the way – The Greenville Chapter of Ashrae will be hosting CRC for 2012...if you are interested in helping out, please contact me or any of the Board Members for more information.



New to Ashrae?? Here's a little Tid Bit: Membership in ASHRAE – the American Society of Heating, Refrigerating and Air-Conditioning Engineers – is open to any person associated with heating, ventilation, air conditioning or refrigeration through such disciplines as indoor air quality and energy conservation, for example. Membership in ASHRAE allows access to state-of-the-art HVAC&R technology and provides many opportunities to participate in the development of that technology.

We had some growth in the Greenville Membership last year and would like to continue the trend as we head into this new season of ASHRAE Greenville. We would like to thank all members who recently joined via a Membership Promotion Meeting, a transfer in, or just the desire to be a Member, we appreciate your support. Welcome back to our existing members, and those who serve on the board...we could not do this without everyone's participation.

Now...we need you to share with your friends and colleagues the benefits of being a Member of the Greenville Chapter of ASHRAE. **Invite, invite, and then invite some more...**any new potential Non-Members. Don't forget about those Young Engineers – ASHRAE offers a special membership for engineers currently under the age of 35 to encourage them to be involved...these are our future leaders.

Existing MEMBERS – Ask Me about Upgrading your Membership by going online to www.ASHRAE.org to update and complete your BIO...this process will automatically upgrade your membership based on the information that you supply...it's quick and it's easy ~ After all it's all about YOU!

Just a reminder: **Chapter Members** in good standing (paid dues) **\$10.00** per meeting – lunch included.
Non-Chapter Members \$15.00 per meeting – lunch included.

We will also once again be offering a Discount Card – attend and pay for (4) meetings and be our guest at the 5th for FREE. Please pick up your Discount Cards at the sign in table.

I am always available to discuss your questions and concerns, or if you have a good idea or suggestion on how we can increase membership – trust me...We are interested. Drop me an email Membership@ASHRAE4GREENVILLE.COM or call me at 444-0219.

Best Regards,
Dorothy Bertolini
Membership Chair – ASHRAE Greenville SC
membership@ashrae4greenville.com

Chapter Programs

As mentioned above, we are handling the Programs Chair by committee until we come up with a chairman.

This month, Chris Pavlatos w/ FOF products will be flying in from Wisconsin to give us a presentation on Fabric Duct Design. Please RSVP soon so that we can make sure there will be enough room and food for everyone. Please see the meeting agenda below for information on the program.

September Meeting

Program: Fabric Duct Design

Presenter: Chris Pavlatos

Born and raised in Chicago IL and moved to Wisconsin in 1974 where I attended high school. Went to Devry Institute of Technology in Chicago in 1980 for two trimesters of electrical engineering. Decided to go back to Wisconsin to attend University of Wisconsin Whitewater. Received my degree in Mathematics in 1985 to pursue a career in education. I was hired by Westenn mechanical contractors in Elkhorn after college. Was responsible for a wide range of duties from fabricating ductwork to running commercial jobs. Left Westenn to work for R.A. Heating in 1992. Was responsible for all fabrication, inventory and later estimating. Left and Started at FOF Products in 1998. Started at FOF estimating and eventually responsible for fabrication, design, inventory, and estimating. Purchased the company in 2007 and moved the company to our present location to expand and development new technology in field of fabric air diffusers.

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

Date: Thursday, September 8, 2011

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 p.m. to 1:00 p.m. Main Program

Cost: Lunch Program: \$10/chapter member \$15/non-chapter member (catered lunch)

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

**Please RSVP to secretary@ashrae4greenville.com
No later than Noon Tuesday, September 6, 2011**

Chapter Technology Transfer

CTTC

Welcome to the new ASHRAE year. The programs committee is working on a slate of speakers and programs for the coming year. We welcome your suggesting and input.

I closed out last year with an article on the User's Manual for 62.1-2007 and the spreadsheet that accompanies the manual, 62MZCalc. One of my comments on the spreadsheet was that there were fields with unexplained acronyms. After the article was published someone pointed out to me a pull down menu with an explanation for the acronyms. I have used 62MZCalc extensively since the article as well as a customized version developed by USGBC for LEED compliance. I am impressed with its capabilities and the spreadsheet will be my primary means of checking for ventilation compliance in multi-zone spaces. I still believe that it should be more transparent and all cells visible - some are locked and hidden - but the spreadsheet greatly simplifies ventilation analysis.

In the February 2011 column I noted that a lawsuit had been filed against USGBC by a contractor. The Eindustry newsletter from ASHRAE recently reported that the suit had been dismissed in federal court.

Eindustry also reported that the Department of Energy (DOE) has established ASHRAE Standard 90.1-2007 as the commercial building reference standard. All states are required to upgrade their building energy codes to meet 90.1-2007 by July 20, 2013. Previously 90.1-2004 was the referenced standard.

With the new ASHRAE year we will add to the paperwork for North Carolina registered PE's. As an approved continuing education provider for North Carolina we are required to collect a program review form from those wanting to claim NC pdh's. We are asking NC PE's to complete two review forms for the coming programs; one for ASHRAE and one for the North Carolina Board of Examiners for Engineers and Surveyors.

Devon Cortright , P.E., LEED AP
Chairman Chapter Technologies Transfer, Greenville Region IV
ASHRAE Member Since 1982



Devon Cortright PE
Chapter Technology
Transfer Chairman
ctt@ashrae4greenville.com

Tentative Event Dates for 2011-2012

Thursday 09/08/2011	September Chapter Meeting: Fabric Diffuser Systems	Presenter: Chris Pavlatos
Thursday 10/13/2011	October Chapter Meeting: Water Treatment for Cooling Tower, Hot Water and Chilled Water Systems	Presenter: David Graham
?	ASHRAE Golf Tournament	
Thursday 11/10/2011	November Chapter Meeting: Variable Volume Kitchen Application/Design	Presenter: Matt Pavlovich
Thursday 12/08/2011	December Chapter Meeting: Wireless Controls	Presenter:
Thursday 01/12/2012	January Chapter Meeting: IAQ Method of 62.1	Presenter: Charles Waddell
Thursday 02/9/2012	February Chapter Meeting: Flow and Energy Meters	Presenter: David Pleasants
Thursday 03/8/2012	March Chapter Meeting: Smoke Evacuation Systems	Presenter: George McCall
Thursday 04/12/2012	April Chapter Meeting:	Presenter:
?	ASHRAE Golf Tournament	
Thursday 04/19/12	ASHRAE Webcast: Dedicated Outdoor Air Systems	
Thursday 05/10/2012	May Chapter Meeting: Retro-Commissioning	Presenter: Roy H. Bohanon ASHRAE Distinguished Lecturer



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Region IV
Greenville Chapter