



Greenville  
Chapter of  
ASHRAE

# *Giga-Joule*

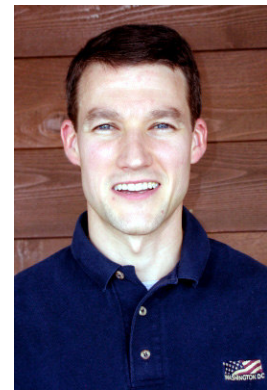
December 2005

## *Meeting Announcement*

This month's meeting will be held on **Tuesday, December 13, 2005, from 11:30 a.m. to 1:00 p.m.** at the **Roper Mountain Science Center** located at the intersection of I-385 and Roper Mountain Road. For directions, please contact Programs Chairman, Eric Scott, by phone at (864) 232-6633 x21, email at [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) or by visiting <http://www.ropermountain.org>

## *A Message from the President*

The Greenville chapter would like to thank Jeff Swiderski for a great presentation on Controls Protocols and Integration. We had a very good turnout and the information was very practical. The protocols discussed were BACnet, Lon Mark, ModBus, OPC, SNMP and HTTP. A description of each protocol, the history and its capabilities were discussed. These apply to industrial, pharmaceutical, commercial, institutional, and even some residential markets.



This month is a follow-up presentation from last year's satellite broadcast on Mold as well as our April meeting on Mold, Moisture and Building Pressurization. I received several responses from members regarding more on this topic; thus, December's topic is an Interpretation of a Mold Analysis by John McNamara, CIAQP, from AAA Environmental. Considering all the issues and problems in the industrial, commercial and residential markets, this meeting is a must.

I hope everyone has a wonderful Christmas holiday season.

If you have any questions or comments, please feel free to contact me.

**James Bryan PE**  
**Greenville ASHRAE President**  
**[president@ashrae4greenville.com](mailto:president@ashrae4greenville.com)**

# Chapter Programs



## Program: Mold Analysis

Here is a brief presentation outline on a Mold Analysis:

- What is Toxic mold?
- Is it truly a mold problem?
- Mold and moisture infiltration
- Sampling strategies, types, and interpretation for beginners
- Remediation of mold and design considerations
- Understand the numbers
- HVAC common sense tips

## Presenter: John McNamara, CIAQP - REPA

John has 15 years experience doing indoor environmental investigations. He surveyed over 500 residential and commercial buildings.

**Location:** Roper Mountain Science Center - Auditorium  
(See front page for directions)

**Date:** Tuesday, December 13, 2005

<b>Schedule:</b>	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:** \$10/person - Lunch is included & guests are welcome

**Eric Scott**  
Programs Chairman

### RSVP REQUIRED TO ENSURE LUNCH

Please reply to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) no later than Friday, December 9<sup>th</sup>.

**Education:** This program qualifies for 1.0 PDH (including NC PE as well)

The Greenville chapter would like to thank Jeff Swiderski for last month's program on Controls Protocols and Interpretation.

Don't forget to RSVP!

**Eric Scott**  
Programs Chairman  
[programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com)

## ***Research Promotion***

Research Promotion News - Dennis O'Keefe, RP Chairman

**I got a lot of feedback about having a golf outing on Friday afternoon, so this spring there will be no reason not to come as we have picked Friday, April 21, 2006. Mark your calendars now. I expect to fill the place up.**

If anyone has any ideas on fundraising events that we could apply to this Chapter please see me after the meeting. Thanks!

**Dennis O'Keefe  
Research Promotion Chairman**



## ***Membership Corner***

Tis the season for giving. So think about how you can give back to the industry which you have received so much from. If you are receiving this newsletter and you are not an ASHRAE member, please consider joining. Contact me or you can join on-line at the ASHRAE website. If you are a member consider getting involved with one of the many committees of the chapter. Thanks and have a happy holiday season!

Attendees at the November meeting were: Jim Ridenhour, Eric Scott, Joe Cain, Caroll Suttles, Devon Cortright, Karl Counts, Dennis O'Keefe, Gene Adams, Chris Adams, James Bryan, James McCarter, Jody Parker, Wade Crow, Jeff Swiderski, Robert Simpson, Tom Agnew, Scott Houston, Jim Reeves, Stan Hix, Steve Abernathy, Kevin Wilson, Barry Jones, Ray Putman, Jeff Mitchell, Kyle Loseke, Ken Clark, David Roberts, Rob Wetmore, T. Anderson and Paul Jenson.

New member applications can be obtained at our regular meetings or call me at (864) 233-7966.

**Caroll Suttles  
Membership Chairman**



## ***Chapter Finances***

Please see the attached .pdf file for the latest summary

**Devon Cortright PE  
Treasurer**

# Greenville Chapter ASHRAE

## 2004-2005 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	James Bryan	O'Neal, Inc.	298-2148	298-6330	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>
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Secretary	Scott Houston	Thermal Resource Sales	250-2822	250-0585	<a href="mailto:secretary@ashrae4greenville.com">secretary@ashrae4greenville.com</a>
Treasurer	Devon Cortright	H2L	233-8844	232-2679	<a href="mailto:treasurer@ashrae4greenville.com">treasurer@ashrae4greenville.com</a>
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Historian	Paul Jensen	Trane Upstate Carolina	672-6130	672-6001	<a href="mailto:history@ashrae4greenville.com">history@ashrae4greenville.com</a>
Webmaster	Karl Counts	Day & Zimmermann	241-8335	241-6750	<a href="mailto:webmaster@ashrae4greenville.com">webmaster@ashrae4greenville.com</a>

## Tentative Meeting Dates for 2005-2006

Tues 9/20/2005	Radiant Cooling Panels	Dr. Stanley Mumma PhD, PE; Penn State
Tues 10/18/2005	Why Water Source Heat Pumps?	Chris Edmondson PE, James M Pleasants
Tues 11/15/2005	Controls Protocols and Interpretation	Jeff Swiderski, Carrier Controls
Tues 12/13/2005	Interpretation of Mold Analysis	John McNamara CIAQP, AAA Environmental
Tues 1/17/2006	Warehouse and Industrial Heating & Make Up Air	Jamie Fry, Faulkner/Haynes & Associates
Tues 2/21/2006	Ductwork for Pharmaceutical/Biological Facilities	Manuel Del Valle PE, Fluor
Tues 3/7/2006	Joint Meeting with Mechanical Contractors Asso.	David Hensley, Hosted by GM Mechanical
Tues 3/21/2006	Natural Gas Piping 101	Steve Abernathy, Piedmont Natural Gas
Tues 4/18/2006	Understanding Waterhammer in Steam Systems	Wayne Kirshner PE
Wed 4/19/2006	Green Buildings: Sustainability and the Building Environment	ASHRAE Satellite
Tues 5/16/2006	Humidity Control for Commercial Buildings	Mark Nunnely PE, Nunnely & Associates

**Greenville Chapter of ASHRAE**



**ASHRAE**

Technology for a Better Environment