



# ASHRAE

Advancing HVAC&R to serve humanity  
and promote a sustainable world

# The Rebel

THE OFFICIAL NEWSLETTER OF THE ASHRAE SOUTHERN PIEDMONT CHAPTER

August

2010

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## September MEETING

Sept 2, 2010

Dwight Landry,  
BRD Noise Control

*The  
Fundamentals of  
Noise Control for  
the HVAC Market*

**11:30am-1:30pm**  
**Bryon's Southend**  
101 W. Worthington  
Avenue, Suite 110  
Charlotte, NC 28203

[RSVP ONLINE](#)

# The RUDY is BACK!!!

## President's Message

[Neil Poissant \(Adams Companies Inc\)](#)

Welcome to the 2010-2011 edition of ASHRAE Southern Piedmont. I hope that everyone has had a safe and enjoyable summer vacation. Several Officers, Committee Chairs, and BOG members returned a few weeks ago from the Chapter's Regional Conference (CRC) held in Greensboro. It was a fun, interesting, and very productive conference. We were able to spend time with our new Director and Regional Chair (DRC), Randy Jones. Randy brings with him a level of enthusiasm that is contagious and plans to visit our chapter.



While at the CRC, Southern Piedmont was awarded the highest honor in Region IV, the Rudy Ferguson Award. This was due to the leadership of Jerry McAuliffe, hard work and a true team effort by the officers, committee chairs, and BOG members. Along with a remarkable effort lead by last year's Research Promotion Chair Billy Austin, who's phenomenal

**(Registration using  
PayPal is available  
online, or you can [RSVP  
by email to David  
McDaniel](#))**

## **SCHEDULE 2010-2011**

### **September-**

2nd-

Lunch Meeting - Fundamentals of  
Noise Control for HVAC

### **October-**

7th-

TBD

13th-

Fall Golf Tournament

### **November-**

4th-

Controls Topic

### **December-**

9th-

Christmas Party and  
Auction

### **January-**

6th-

Pressure Independent Flow  
Balancing vs. Pressure  
Independent Control Valves

### **February-**

3rd-

TBD

### **March-**

3rd-

TBD

### **April-**

7th-

TBD

### **May-**

5th-

TBD

### **June-**

2nd-

TBD

effort lead the way for Southern Piedmont in breaking it past RP goal and raised over \$50,000. Thanks to all that helped and a special thanks to all of our donors.

As mentioned above, the Rudy Ferguson Trophy is awarded to the best chapter in Region IV. Region IV consists of the following chapters: Atlanta, Charleston, Greenville, North Piedmont, South Carolina, Southern Piedmont, and the Triangle; arguably one of the best regions in ASHRAE. Rudy Ferguson was a former Southern Piedmont President as well as a partner in Sullivan-Ferguson a local rep firm. Rudy was also a former U.S. Marine. After serving his country Rudy was a dedicated business man giving his time and efforts to the HVAC industry and ASHRAE. After his untimely death, the Rudy Ferguson Award was created. It is an honor for Southern Piedmont to bring the Trophy back home!

I hope that you all will mark your calendars for the first Thursday of every month. This year's Program Chair David McDaniel is working hard on putting together informative programs. Along with our monthly meeting we will also have our yearly Christmas party and two golf outings. Please come out and support ASHRAE Southern Piedmont.

I'd also like to take a moment to mention newest ASHRAE President, Lynn Bellenger is the first female president in ASHRAE history. The theme this year is "Modeling a Sustainable World", and is the fifth year in a row that the theme is focused on sustainability. It is truly an exciting time to be involved in ASHRAE.

Our first meeting is Thursday September 2nd at Byron's South End. Make your reservations early!

## **Programs**

[David McDaniel \(Pace, Incorporated\)](#)

Well, it's the beginning of another



ASHRAE year and I couldn't be more excited to be a part of the best chapter in our region! I would like to personally congratulate the Southern Piedmont Chapter for winning the Rudy! This was a team effort of the entire chapter (members and officers). Now the challenge is to repeat it this year.

As the Programs Chair, I hope to put together a schedule of informative topics that will provide a broad range of technical knowledge for our meeting attendees. If there are any topics that you feel have not been covered already, feel free to drop me a line and I will try to cover those where possible.

The September meeting topic will be "The Fundamentals of Noise Control for the HVAC Market". The presenter will be Dwight Landry of BRD Noise Control (see full bio). The meeting will be held at Byron's South End on Thursday, September 2nd. You can register and pay for the meeting by using Paypal, or pay at the door by cash or check. If paying at the door, please email me at [dmcdaniel@pacewebsite.com](mailto:dmcdaniel@pacewebsite.com) to register. Remember that if you travel via light rail, we will pay for your return trip.

The Southern Piedmont Chapter has also been designated as a Sponsor for PDH Credits in NC and will be providing certificates at every meeting this year. All Professional Engineers will receive 1 PDH for each meeting they attend where a technical topic is presented. A signup sheet will be at the registration desk. Be sure to sign up with your P.E. Number for record keeping and reporting requirements.

And finally, ASHRAE's Chapter Technology Transfer Committee (CTTC) has implemented a Distinguished Lecturer (DL) Evaluation Pilot Program for our Region IV. This program will automate evaluations following each DL visit with a linked survey form. If this program is successful, it will be expanded. It is hoped that this process will result in greater numbers of

completed DL evaluations. You will receive an email after each DL visit with a link to the evaluation form. Please complete the evaluation within 48 hours.

See the complete schedule of this year's meetings. Presenters and Topics will be completed hopefully by next month's newsletter.

## Membership

[Jason Smith \(Advantix Systems\)](#)



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.

\* Southern Piedmont Chapter by Numbers \*

Total Active Members - 335

Total New Members since January 2010 - 19

For a pdf membership application you can print out, fill out, then mail or fax to ASHRAE, please visit [www.spashrae.com/pdf/ASHRAE\\_application0707.pdf](http://www.spashrae.com/pdf/ASHRAE_application0707.pdf). Include the following with/on your application:

1. Please state your intention to participate in the Southern Piedmont Chapter.
2. National membership dues are \$180...please include an additional \$30 for Chapter

dues...Total=\$210.00

We look forward to having you all on board!!!

## Research Promotion



[Dan D'Aloia \(D'Aloia Engineering, PLLC\)](#)



[Matt Byrne \(Schneider Electric\)](#)

Our chapter had an outstanding year for Research Promotion under Billy Austin's leadership. You'll be proud to know that your research dollars are being used for thousands of projects addressing subjects from human comfort to energy analysis - a sincere thanks to all of you who contributed to this worthy cause! We all look forward to having another great year with your continued support!

Registration forms are currently being sent for this fall's Research Promotion Golf Tournament, which will be held on October 13th at Pine Lake Country Club ([www.pinelakecountryclub.com](http://www.pinelakecountryclub.com)). All proceeds from the tournament go to ASHRAE Research. Please remember to sign up as soon as possible as we do have a limited number of golfers at this fine private course.

Hole sponsorship is a great way to show your company's leadership in promoting ASHRAE Research. Hole sponsorship is where the majority of our funding comes from, so please consider sponsorship at \$250, and have your company's sign prominently displayed at a tee box.

Upcoming Research Promotion events include the Christmas Auction and April Golf Tournament. We are always looking for new ideas or activities to enhance our Research Promotion efforts. New activities could include education seminars, sporting clay shoots, etc... Please contact me, Dan Daloia: [dmdaloia@gmail.com](mailto:dmdaloia@gmail.com) or 704-562-1733, with any ideas or comments you may have regarding our fundraising efforts. Again we sincerely appreciate your continued contributions to ASHRAE Research!

## YEA - Young Engineers in ASHRAE



[Michael Collarin \(Elm Engineering, Inc.\)](#)



[Miles Grubbs \(Saber Engineering\)](#)

The start of the 2010-11 ASHRAE year is upon us here in Southern Piedmont. And as we welcome the new year, I'd like to welcome a new addition to the YEA committee! Miles Grubbs will be co-chairing YEA this year. Miles is a 2008 graduate of North Carolina State, including a year of study abroad in Tokyo. He has been working at Saber Engineering for the past two years doing HVAC design & Energy Modeling. He is also an active volunteer with Habitat for Humanity. I look forward to being able to work with Miles to make this upcoming year a success.

Our first order of business will be to conduct a survey to provide you with YEA events that you will enjoy and fit within your busy schedules. Please be on the lookout for an email regarding this survey and do your best to provide us feedback. Afterall, you all stand to benefit from your responses.

## Announcements

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### ASHRAE STANDARDS LIBRARY

Check out the main library in downtown Charlotte for hard copies of all of the ASHRAE Standards. These are available in the reference section.

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Email [tracie.monfort@hesm.com](mailto:tracie.monfort@hesm.com) to add announcements, job postings, etc. in future newsletters.

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