



February

2010

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MARCH MEETING

March 4, 2010

ASHRAE President
Gordon Holness,
P.E.

*Sustaining Our
Future By Rebuilding
Our Past*

**11:30am-1:30pm
Byron's Southend**

Design Center of the
Carolinas - Courtyard
101 W. Worthington
Avenue, Suite 110
Charlotte, NC 28203

President's Message

[Jerry McAuliffe \(East Coast\)](#)

I'd like to extend a gracious Thank You to Chris Adams with the Adams Companies for stepping in to sub for our scheduled speaker who couldn't make it due to a family crisis. It was a very insightful and informative subject on Digital Scroll Compressors. Our next meeting is a luncheon on Thursday, March 4th. We're honored to have Gordon Holness, the '09-'10 President of ASHRAE, join us and speak to our chapter this month. I had the chance to hear his president's message in Tampa at the CRC last August and assure you it's a presentation you'll want to hear. Mark your calendars for our Spring Golf Tournament on Wednesday, April 14th. The venue for this outing is Pine Lake Country Club, once again. Remember, this is the month for Engineer's Week. If you can spare a lunch hour to share with a class what we do as engineers, there are numerous opportunities. Check with Todd Horton if you're interested in participating.



[Click for MAP](#)

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[*See Announcement section for a note on the monthly meeting fee change*](#)

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[RSVP ONLINE](#)
(Registration using PayPal is available online, or you can [RSVP by email to Neil Poissant, neil@aci-hvac.com](#))
(\$20/\$25 per person)

[SCHEDULE](#) **[2009-2010](#)**

[*See Announcement section for a note on the monthly meeting fee change*](#)

March-

3rd-
YEA Hockey Night

4th-
Lunch Meeting - ASHRAE
President Gordon Holness

April-

1st-
Lunch Meeting - Energy
Management w/ Dick Pearson
and 3 hr continued ed (for a fee)

14th-
Spring Golf Tournament at Pine
Lake Country Club

May-

6th-
Lunch Meeting - Leadership and
Motivational speaker Emory Austin

June-

3rd-
Continuing Education Class

Programs

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

During this month's lunch meeting our featured presenter will be Gordon Holness. Gordon is the current Society President. He will be addressing the chapter on his presidential theme, Sustaining Our Future by Rebuilding Our Past, which addresses energy efficiency in existing buildings.



As always, you will be able to pay for monthly meetings, golf outings, donations, etc on the website. You can pay via credit card or paypal account. Checks and cash are still accepted at the door. If you intend on paying at the door, simply e-mail me (neil@aci-hvac.com) to make your reservation. Please RSVP at your earliest possible convenience so that we can accurately plan.

During the last few meetings, we had several folks use either the light rail or carpool. Hopefully this trend continues.

Please mark your calendars for this year's meetings as well as the spring golf outing. We hope to see you all soon.

Please note that we have added a 4-hour continued education class that will be held on June 3rd.

Research Promotion

[Billy Austin \(Shultz Engineering Group\)](#)

Be sure to mark your calendars for the amazing events we have coming up.



Our Spring ASHRAE Research Promotion Golf Tournament will be held at [Pine Lake Country Club](#) on April 14th. This is the same awesome course, lunch, and

accommodations as this past Fall. Be on the lookout for a registration email soon.

On June 3rd, we will be hosting a 4 PDH continuing education course featuring Dave Knebel of AAON regarding practical psychrometric applications, to be held at the Piedmont Natural Gas Cooking Technology Center with a fabulous lunch prepared by PNG's renowned chef, Doug Allen.

Please know that your ASHRAE chapter has been, and will continue to make these events the best they possibly can be!

Membership

[Bill Brown \(AME Consulting Engineers\)](#)



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.

*** Top 10 Reasons to Join ASHRAE ***

- 1) ASHRAE members are leading the technologies of the green building movement - who doesn't want to be part of that?

- 2) Members receive discounts on ASHRAE products including publications, standards, online courses, conferences, certifications, and much more

- 3) Members have an opportunity for professional development by serving in leadership positions that have value with industry companies and leaders
- 4) Members can use career services programs to hire for their company or look for jobs
- 5) Members have access to continuing education to keep up with current technologies in our ever-evolving industry
- 6) Members have networking opportunities for technology, employment, and projects
- 7) Members can be represented in an industry with respect for their ASHRAE affiliation
- 8) Members have free access to \$2.9 million (this year alone) worth of industry specific research information
- 9) Members are a part of a society committed to making the world a better place to live in through enhancing the air we breathe, improving workplace environments, and creating a better quality of life by providing sustainable solutions
- 10) ASHRAE members have a lot of fun and a true sense of accomplishment for their efforts

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.

Please Include the following with/on your application:

1. Please state your intention to participate in the Southern Piedmont Chapter.
2. National membership dues are \$165...please include an additional \$30 for Chapter

dues...Total=\$195.

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

YEA (Young Engineers in ASHRAE)

[Michael Collarin \(HESM&A\)](#)



Come out enjoy a great night of hockey with fellow YEA members.

Charlotte Checkers vs Cincinnati Cyclones with Southern Piedmont YEA

DATE: **Wednesday, March 3, 2010**

TIME: 7:00 PM

LOCATION: Time Warner Cable Arena

COST: \$10.00*

MORE: Wet Your Whistle Weekday - \$3 12 oz. Bud Lights

RSVP: Please contact Michael Collarin by Monday, March 1, 2010.

[PAY ONLINE](#)

*As a special promotion, those YEA members who attend will receive \$10 OFF of the monthly Technical Meeting being held the following afternoon.

Student Activities

[Todd Horton \(Hahn-Mason\)](#)



The tail end of January and February proved to be a great time for Student Activities in the Southern Piedmont.

We ended January with our first meeting on UNCC's campus in many years. Mike McGuire spoke about the various career opportunities within the HVAC&R industry and did an excellent job comparing them to the more familiar opportunities within manufacturing and design such as automotive that are often popular on campus. We had 11 students in attendance,

many of whom were able to join us the following week for our regular chapter meeting.

We also are proud to announce that Dr. Wilson and Dr. Sleti applied for an undergraduate grant for "Vapor Absorption Refrigeration Trainer," and have been awarded a grant up to \$5,000.00 for the project. To my knowledge this is the first grant in many years that our local chapters have attained. Congratulations to both Dr. Wilson and Dr. Sleti.

National Engineers Week was also celebrated during the middle of the month. Though I have not heard from anyone, I am sure there are several of you who have participated in events related to N.E.W. or plan to. Remember, just because it is officially a week in February; please do not feel limited in volunteering, especially with the many K-12 opportunities the spring offers.

I look forward to the positive direction we have S.A. moving in our Chapter. Mike Maloney will be speaking with the UNCC folks on Tuesday, March 2nd, for our second meeting on campus. I expect to have several students in attendance that Thursday for our regular meeting as well. It looks as though we have a plant tour of the Piedmont Natural Gas - Liquefied Gas Facility in Huntersville for later this spring. These activities coupled with the your work throughout the community should help the Southern Piedmont Chapter shine within the region and society this spring.

To learn more about activities and opportunities you can participate in, please visit the Student Zone on the ASHRAE website:

<http://www.ashrae.org/students/> or contact myself or any other member of the Board of Governors.

Honors & Awards Committee

[Bill Garrott \(East Coast\)](#)

Recognizing the 'E' in ASHRAE

The Honors and Awards Committee will recognize and thank

Shultz Engineering Group for their contribution to our industry at the February meeting.

Announcements

MONTHLY MEETING FEE CHANGE

Our contract with Byron's requires us to inform them of the number of attendees so they can properly plan our meal. The only way we can accurately do this is by RSVP's or pre-payments made online. We have to do this by 12pm on the Tuesday before the meeting. The Southern Piedmont Chapter has been losing money at each meeting due to having to subsidize this shortfall. Therefore, starting with the February meeting, RSVP's before this deadline is still \$20. After this deadline, we have to charge \$25 at the door or online.

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.

Email tracie.monfort@hesm.com to add announcements, job postings, etc. in future newsletters.
