



August 2012

## Message from the President

[Michael Collarin - AME Consulting Engineers](#)

The 2012-13 ASHRAE year is upon us! 2011-12 proved to be yet another successful year in Southern Piedmont and I am hoping to continue that successful tradition. At the beginning of August, several of our members were in Greenville, SC for the Region IV CRC in which Southern Piedmont had another great showing, bringing home the following awards:



CTTC:

Chipper Award for Best Programs Chair

Research Promotion:

Money Bags Award for Best Research Promotion Chair

Thank you to our volunteers for all of their hard work and sacrifices that helped make 2011-12 a successful and award-winning year. And of course thank you to all of our chapter members that make the Southern Piedmont Chapter successful, enjoyable and a great community to call home! You make it a pleasure and an honor to represent Southern Piedmont.

Speaking of community, this year's Society President Tom Watson's theme for the year is "Broadening ASHRAE's Horizons." As Tom explains, "it means providing solutions for issues that affect people – people in the communities in which ASHRAE members live and work." Your community. Our community.

As such, it is my personal goal for this year is to organize a Southern Piedmont ASHRAE build day with Habitat for Humanity. When I first moved to Charlotte, I became active in Habitat's Habitat Young Professionals (HYP) group. Almost immediately, I began feeling more connected to the community that I had just become a part of. Not long after that, I joined the ASHRAE community and felt even more at home. And now I'd like to bring the two communities together. As ASHRAE members, we are problem solvers. We provide solutions through "the application of technology to better serve humanity and promote a sustainable world." Join me in doing just that.

This year, we have a great team in place. Our Programs Chair and Vice President Matthew Byrne is working on an exciting year of excellent technical topics. Jason Smith is planning a number of great events, including two golf tournaments to help Research Promotion. Neil Poissant will be working hard to grow our Membership. Adam Parker will be leading our Student Activities and helping our future engineers learn more about ASHRAE and our great industry. Daniel Flora will be energizing our Young Engineers in ASHRAE with some exciting new events. Tracie Monfort will be updating our website to keep you all up to date on the latest news and events. Xun "Alexis" Jia, our newest Chapter Officer, will be keeping minutes and compiling our newsletter as Chapter Secretary. And Jerry McAuliffe will continue to make sure we have money!

Charlie Wooten and Paul Tuggle will continue to document our History so that future generations can look back on how much fun we have. They will also be putting together something special for our Annual Christmas Party this year as the Southern Piedmont Chapter celebrates its **60<sup>th</sup> Anniversary!!**

We really do have a great team and they give a lot of their time; some year in and year out. I ask that we all give a little time this year to support the best chapter in society.

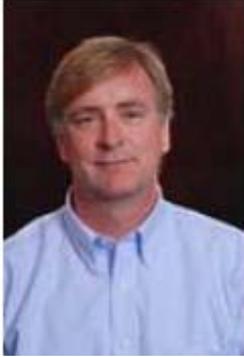
Please join me at the first meeting of the year on Thursday September 13th. We will be meeting at our normal location, Byron's Southend, but at a new time! Our first meeting this year will be a **dinner meeting**. Doors will open at 5:30p with a cocktail hour. Dinner will begin around 6:00p and our technical presentation will begin at 6:15p.

Due to the Democratic National Convention, please also note that our first meeting is actually on the second Thursday of September. All of our following monthly meetings will be on the first Thursday of each month.

Remember, ASHRAE needs your support. Without you, ASHRAE would not exist. And without ASHRAE, you would not have an organization to develop the standards that you use every day! Furthermore, remember that this is a volunteer organization, and that we always need more volunteers. So when you get that call, please consider giving a little of your time back to this valuable organization. ASHRAE would not be ASHRAE without you!

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## Programs



[Matt Byrne - Hoffman Building Technologies](#)

Welcome to the 2012-13 ASHRAE year! Last year, Michael Collarin followed in David McDaniel's footsteps by delivering an excellent technical program as Programs Chair and earning recognition at our Regional Conference as the best Programs Chair in Region IV for 2011-12. It is my commitment to the Southern Piedmont chapter to do my best to build on the successful technical programs that both David and Michael delivered the last two years.

ASHRAE's incoming president, Tom Watson, has chosen as his presidential theme "Broadening ASHRAE's Horizons." Watson asks the question, "As a technical society, how can we broaden the application of our technology to better serve humanity and promote a sustainable world?" As the new Programs Chair, I hope to provide you with technical sessions that are focused on delivering solutions to some of the many complex problems that our industry faces. I will also be working with local chapters of other organizations – like PENC, AIA, USGBC – to find areas in which collaboration can lead to greater success in promoting member involvement in activities that benefit our local communities.

Our first presentation will be Control Systems For Chilled Water Plants: Integrated Plant Automation for Ultra-Efficient Performance presented by Eric Hancock of Armstrong

## Coming Events

**September 13th, 2012**

### **Dinner Meeting**



### **Control Systems for Chilled Water Plants:**

**Integrated Plant Automation for Ultra-Efficient Performance**

**Eric Hancock - Armstrong**



[For more information and to register, visit the Events page of our website, or follow this link.](#)

Pumps, Inc. Eric is a National Sales Manager for Armstrong Pumps, Inc. headquartered in North Tonawanda, New York. He manages the Armstrong Solution Provider program within the United States and has over 19 years of experience in the HVAC industry - specifically HVAC control systems. Eric has a Bachelor of Science Degree in Industrial Technology from Kent State University and has been a member of the Cleveland, OH ASHRAE chapter since 2002. His presentation will review chilled water plant performance, old and new PID control technology, demand-based control strategies and their impact on energy conservation. He will discuss new, integrated control technology and operating system that optimizes the plant and demonstrate how this technology contributes to enormous energy and cost savings. The presentation will touch on the benefits of integrated control systems and the various ways that integrated controls can contribute towards LEED® points earned for a building project.

With the DNC taking place in Charlotte the first week of September, we will be starting our year off a week later than usual. We also are trying something new this year by holding our first and last meeting of the year in the evening, making those dinner meetings rather than lunch meetings. The venue will be the same - Byron's South End. So be sure to mark your calendars for Thursday, September 13<sup>th</sup>, 5:30-7:30 PM to come socialize with your peers, enjoy a great meal, and "broaden your horizons."

We are continually looking for ways to make your Chapter experience a great one. Again this year, you'll be able to pay for monthly meetings, golf outings, donations, etc on the website. You can pay via credit card or PayPal account. As always, checks and cash are still accepted at the door. If you intend on paying

## **October 11th, 2012 Fall Golf Tournament**

### **Pine Lake Country Club**



[Click here for more information on the Fall Golf Tournament](#)

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at the door, please e-mail me ([matt.byrne@hbtech.biz](mailto:matt.byrne@hbtech.biz)) to make your reservation. Please RSVP at your earliest possible convenience so that we can accurately plan.

I am looking forward to another great year with Southern Piedmont ASHRAE and to seeing you at our kickoff event. Thanks.

## Research

[Jason Smith - Carrier Corporation](#)



When was the last time you used your ASHRAE Handbooks, Standard 90.1, 62.1 or even Standard 55? Chances are that it has been within the last week or so. Now imagine that when you had a question that you could not go to these manuals to seek the answer. That is the position you would be in without ASHRAE Research Promotion. 100% of your donation goes to fund research that is documented in your handbooks, standards and many other publications that you use on a daily basis. The tax deductible donation will benefit your profession for many years to come. So let's make this a profitable year for the Southern Piedmont chapter and help earn some PAOE points toward the Rudy that deserves to be back here in Charlotte (not RALEIGH) next year!!!

I would also like to sincerely thank all of the donors for their contributions to last year's campaign. I look forward to acknowledging your donations at this year's donor recognition night and also working with you or your company to exceed this year's goal. THANK YOU!!

We have two wonderful golf tournaments scheduled this year. Our first event will be back at the beautiful Pine Lake Country Club on October 11<sup>th</sup>. Please see the attached flyer for all the details. The second golf outing will be held at the Pine Island Country

Club on May 15<sup>th</sup>, 2013. Both tournaments will be limited to the first 108 golfers so get your forms and payments in early to ensure your teams spot in the field. We will also have our annual Christmas party and auction on December 6<sup>th</sup>, more details will be provided in the next few weeks. Keep an eye out for more announcements regarding other fundraising events throughout the 2012-13 campaign which ends next June.

[Click here for more information on the Fall Golf Tournament](#)

## Membership

[Neil Poissant - Adams Companies](#)



As we begin our 2012-2013 ASHRAE year, I want to thank all of our members for their support. The Southern Piedmont chapter is one of the best in Region IV, arguably the best. This is due in to it members!

I was once asked the question “why join ASHRAE?” There are several reasons to join ASHRAE:

- Networking with other HVAC professionals
- ASHRAE handbooks (available online)
- ASHRAE journal - the most trusted technical magazine in the HVAC community, sent monthly
- High Performance Buildings – quarterly magazine for innovation in building

## Student Activities

[Adam Parker - Pace](#)



Student Activities is off to a promising start this year with several opportunities that we hope to take advantage of. With the help of Todd Horton, we are actively working to rejuvenate the UNC Charlotte Student Chapter. We are currently working on our first meeting date of the school year for the UNC Charlotte Student Chapter. As we work to schedule the meeting dates for this year, we will be looking to our membership base for speakers. Please let Todd Horton or myself know if you would be interested. Our meeting times are flexible at this point, so we can always plan them at a time to best fit your schedule.

Please also keep us up to date on any contact that you may have with K-12 or college students throughout the year. I ask that as you speak to these students about ASHRAE, that you send me a quick email

technology design and operation

- HVAC Industry News – A weekly news resource that keeps members up to date on the latest industry news and information
- Access to more than 300 technical publications
- Professional Certification
- Access to education, course and webcasts
- And much more

If you're not a member and in the HVAC industry you should ask yourself "Why aren't I a member of ASHRAE?"

If you are interested in helping the chapter feel free to contact any of the officers. Please note that the September meeting is a 5:30pm dinner meeting. Guests and prospective members are always welcome to attend. If you know someone interested in AHRAE please invite them to a meeting, we will do our best to make them feel welcome. We have a great line-up of programs scheduled and I hope that we see you soon.

at [ataparker@pacewebsite.com](mailto:ataparker@pacewebsite.com) with a brief description of your conversations. A few documented minutes of talking to a student or group of students about ASHRAE, allows for our Chapter to receive special recognition, and more importantly can go a long way in helping the younger generation understand who we are.

If you have or know of any college age students in an accredited engineering program, keep in mind the December deadlines for scholarships. All applications go into the general pool from which society and regional scholarships are granted. There is quite a bit of money available from these scholarships, and we need to make our students more aware of this.

For more information on scholarships and other Student Activity items, please visit the Student Zone at [www.ashrae.org](http://www.ashrae.org).

## Announcements

### ASHRAE Standards

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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