



September 2012

Message from the President

[Michael Collarin - AME Consulting Engineers](#)

It's hard to believe, but we're already three months into the ASHRAE year. The first couple months of planning paid off nicely as we held our first evening meeting as a Chapter in quite some time. Thank you to all of the members and guests that attended as you helped make this a successful meeting. I'd also like to thank our committee members for their assistance in putting this meeting together. With the change of date and change of time, it took some good communication in getting you all there. And how about those new name tags! Excellent job, Matt! If this is a sign of things to come, we are in for a great year!



In my previous newsletter article, I had mentioned organizing a day for ASHRAE members to volunteer on a Habitat for Humanity project. I would like to begin planning this and my first course of action will be to garner how much interest there is from our members. If you are interested in volunteering, please send an email to president@spashrae.com. Once I have an idea of how many people we could expect, I can begin working with Habitat Charlotte on getting a volunteer day scheduled.

We have another great program lined up for October; one which all Professional Engineers should seriously consider attending as it involves "Ethics in Engineering".

Also coming up in October is our ASHRAE Fall Golf Tournament. Besides being a great time, the proceeds benefit a great cause – ASHRAE Research! ASHRAE conducts timely research to remain the foremost, authoritative and responsive international source of technical and educational, standards and guides on the interaction between people and

the indoor and outdoor environment through the operation of HVAC&R systems in buildings and other applications. Your donations and contributions help fund this research. And with the ASHRAE Fall Golf Tournament, you get to have a little fun in return!

Programs

[Matt Byrne - Hoffman Building Technologies](#)



Thank you to everyone who came out last month to support the start of our 2012-13 ASHRAE Southern Piedmont Chapter Programs year. I hope everyone enjoyed the incorporation of an evening meeting in this year's calendar and want to let you know that we have another one planned for the end of the year. We had a very

good turn out and I think most enjoyed the opportunity for some after-hours socializing. I also wish to thank the speaker, Peter Thomsen, who demonstrated in-depth knowledge while presenting a very interesting and complex topic.

Our next presentation will be [Ethics in Engineering](#), which covers the Rules of Professional Conduct and includes a case study involving a Professional Engineer's 20 year history with the Board. It will be presented by **David J. Evans** with the North Carolina Board of Examiners for Engineers and Surveyors. David joined the staff of the North Carolina Board of Examiners for Engineers and Surveyors in 1998. As the Board's Assistant Executive Director he supervises investigations of engineers, surveyors and corporations as well as non-licensed practice. David also oversees business licensure and compliance; continuing professional competency; license renewals; and the Board's regular program of enforcement and education.

Next Meeting

October 4th, 2012

Lunch Program:

Byron's Southend

101 W. Worthington Avenue,

Suite 110 Charlotte, NC 28203



North Carolina Board of Examiners *for* Engineers & Surveyors

Ethics in Engineering

David J. Evans

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

October 11th, 2012

Fall Golf Tournament

Pine Lake Country Club

David previously conducted criminal investigations in the U.S. Army as a Military Police Investigator. He is a past Chairman of the Committee on Law Enforcement for the National Council of Examiners for Engineering and Surveying. David has a B.A. in History and Social Science from Eastern Connecticut State University.

Our chapter is continually looking for ways to improve your ASHRAE experience. For those who attended last month, you know that we are starting to use permanent name badges at our meetings. In order for that to work as intended, it is important that you stop by the registration table when you arrive at the meeting to pick up your name badge and drop it off in the same place on your way out. You will also need to notify us if any of your name badge information is incorrect or out of date.

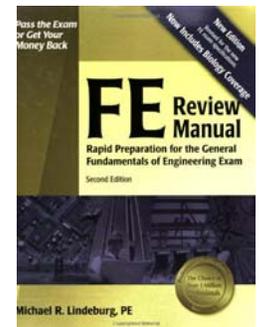
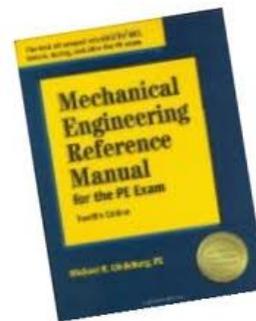
Another improvement that we hope to have in place very soon will be an option to pay at the door by credit card. Once available, it will offer our members the convenience of paying for lunch meetings, as well as special events like our golf outings and Christmas auction, by credit card at the point of sale. We still ask that you please RSVP at your earliest possible convenience for all of our events so that we can accurately plan.

Thanks again to all of you for your continued support of ASHRAE and I look forward to seeing you at Byron's next Thursday.



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

PE, FE Exam Roundtable Discussion



Contact [Daniel Flora - Leach Wallace](#) if you are interested in attending!

Research

[Jason Smith - Carrier Corporation](#)



In case you have not seen the flyer, our fall golf tournament is right around the corner next Thursday, October 11th. Please plan on joining your fellow ASHRAE members for a day out on the course at Pine Lake Country Club in Mint Hill. We will need tournament sponsors, hole sponsors, drink sponsors and door prizes for the golfers. Please contact me as soon as possible to let me know if you would like to participate or sponsor the tournament in any way.

ASHRAE is always in need of volunteers, especially for research promotion!! If you would like to volunteer with research or any other position please contact one of the current board members. This month I would like to thank all of the \$500+ donors to the 2011/2012 campaign. These individuals and companies were key contributors to the successful year. THANK YOU!!

- Hahn-Mason Air Systems – Charlotte
- Process & Air Conditioning Equipment
- Mike Moore Sales & Consulting LLC
- Norris Parker
- David McDaniel
- Shultz Engineering Group PC
- Adams Companies
- Carolina Cooling LLC
- Bruce Air Filter Company
- United Mechanical Corporation – Charlotte
- McKenney's Inc – Charlotte
- Paul Tuggle
- Heat Transfer Sales – Charlotte
- J G Blackmon & Associates
- Airtight Mechanical Inc
- Daniel Flora
- Richard Hahn
- Engineered Air
- Carrier Corporation – UTC

I look forward to working with these fine ladies and gentleman this year to exceed our goal!! We have been tasked with raising \$38,000 this year to go towards ASHRAE Research and I am confident that we will be able to do this with everybody's support.

Additionally, it is very important that I mention the Lynn Bellenger Scholarship Endowment. Many of you had the opportunity to meet Lynn when she came to speak at our chapter in April of 2011. As 2010-11 Society President, Lynn Bellenger was a leader and recognized expert in energy management. This was highlighted in her theme for the year: Modeling a Sustainable World. The message was reinforced with the launching of ASHRAE's first Energy Modeling Conference, which enjoyed unparalleled success and continues as a highly successful Conference today. When President

Bellenger, who served as the Society's first woman president, passed away in October, 2011, ASHRAE established the Lynn G. Bellenger Scholarship, used to further the education of deserving engineering students. Our chapter has been asked to raise \$450 towards the \$25,000 goal Society would like to raise by October 15th to meet the one year anniversary of Lynn's death. If you are interested in contributing, please be sure to earmark your contribution for Bellenger Endowment. If you have any questions on how to do this, feel free to contact me.

See you on the golf course!

Jason Smith jason.smith@carrier.utc.com 704.301.3067

Membership

[Neil Poissant - Adams Companies](#)



I want to thank our members for their attendance at last month's dinner meeting. I also want to recognize new members to our chapter:

- Daniel Bennett
- James Sullivan, Jr
- Patrick Stark
- Mike Warmbold
- Christopher Shipp
- Adam Deloney
- William Aldridge
- Sean Helmbrecht

Please give them a warm welcome when you see them at our next meeting or at the fall golf outing.

Many of you probably know that there are several membership grades within ASHRAE. It is important for you to have the correct grade. The

Student Activities

[Adam Parker - Pace](#)



As we strive to make our way out of these rough economic times, engineering students continue to have trouble locating jobs while in college and after graduation. ASHRAEjobs.com offers free internship postings that may just help your company find that bright young engineer to fill an open position. Please keep this in mind as your company looks to replenish its workforce. If you could use help in setting up a listing, feel free to contact me personally at 980-322-1145 or by email at aparker@pacewebsite.com.

Young engineers are out there looking for experience every day, and it is our job to make them aware of what is available.

grade of member versus associate is very important. In order to be a chapter officer or hold a regional position you must have the grade of member. Also, to become a life member you need to have the grade of member for 30 years. There have been a few folks holding the grade of associate for 30+ years. Please don't let this happen to you. It only takes 10-15 minutes to update your bio online. If you are a P.E., you qualify for member grade. Below is a list of the member grades and instruction on how to update your bio:

Member undefined The grade of Member is awarded to individuals who have twelve or more years of qualified industry-related experience. Credit for industry related experience can be earned from any combination of approved education, work experience and professional registration.

Associate Member undefined The Associate Member grade is awarded to individuals who have less than twelve years of ASHRAE-approved industry experience in the heating, refrigerating, air-conditioning, or ventilating fields.

Affiliate Member undefined ASHRAE's newest grade is an introductory grade for applicants with a general interest in the Society's programs and services. Assignment to this grade is limited to those who are under 30 years of age who are first-time new members.

Student Member undefined To qualify as a student member you must be studying or have an interest in an HVAC&R industry-related field. Eligible students must be participating in an approved course of study in a university, college, junior college, or technical institute.

To advance from Associate to Member, you must update your ASHRAE bio online, and notify membership@ashrae.org that you have an updated bio and wish to be considered for grade

YEA

[Daniel Flora - Leach Wallace](#)



Do you remember when you first started in the HVAC industry? Remember your first application of the first law of thermodynamics to heating and cooling systems, your first all nighter finishing up a project or even your first paycheck out of college? For some of our newer members that memory is only a few months past.

The goal of the YEA program is to connect these young engineers with experienced "seasoned" veterans with hopes that the next generation of ASHRAE members will build a solid foundation in their professional careers and expand their network of resources as they design the facilities we will use in our lifetimes.

Our job as the "seasoned" veterans is to provide education, mentorship, networking and leadership opportunities that will challenge our newest members to be the most talented engineers in the area.

As the year goes by, when you see a new face at a meeting or event, make sure to introduce yourself and ask about them. Engage them in a conversation about their hobbies and interest, who they work for or what they thought about the Dallas Cowboys beating the Super Bowl Champion New York Giants on their home field! Make them feel comfortable so they will be more

advancement.

Steps for updating your biography:

1. Log into www.ashrae.org by selecting 'Join or Login' in the upper right corner. Enter your email address and password then select 'Sign In.'
2. Hover over the 'Membership & Conferences' tab and select 'My Membership.'
3. Under 'Manage Personal Information,' select 'Change Your Address/View or Edit Your Profile.'
4. Select the 'Edu. Pro. Reg' link located in the blue font above your name. Add all of your educational history, relevant professional licenses and work history.
5. Confirm that your contact information is current by clicking on 'Contact Info.'

Please take the time to update your bio

If you are interested in helping the chapter feel free to contact any of the officers. If you know someone interested in AHRAE please invite them to a meeting, we will do our best to make them feel welcome. The fall golf outing is coming soon, please put together your teams and consider being a sponsor.

apt to make appearances at all of our events.

Speaking of professional growth, our first task at hand is to provide guidance for all college graduates in our industry **taking the PE or FE exam in October or April**. This roundtable discussion will take place at a local conference room (to be determined based on participants) within the next few weeks, one evening after work. ***Please contact me if you are interested in hearing more about this event.***

For those of you that might already be a PE with a few years of experience, you should nominate yourself (or have your manager nominate you) for ASHRAE's New Faces of Engineering. This is an excellent opportunity to demonstrate your achievements and honors if you are under the age of 30 as of December 31st, 2012. The following link will provide more information on the nomination process.

[2013 ASHRAE New Faces of Engineering](#)

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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