

JANUARY
2014 EDITION



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“THE GEE CHEE”

CHARTERED APRIL 14, 1971

THE OFFICIAL PUBLICATION OF THE REGION 4 CHARLESTON CHAPTER 113
AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS, INC.



MEETING SCHEDULE

TUESDAY JANUARY 14, 2014

LOCATION: HARBOR BREEZE @
PATRIOTS POINT- MT. PLEASANT

B.O.G MEETING: 5:00-5:30PM

“HAPPY HALF HOUR”: 5:30-6:00PM

TECH PROGRAM: 7:00-8:00PM

8:01.....SEE YOU NEXT MONTH!

COST: \$25 / PERSON + \$5 OPEN BAR

**THIS MONTH'S PRESENTATION BY:
DENNIS KNIGHT, PE**

**TOPIC:
VALUE OF EFFECTIVE COMMUNICATION &
ASHRAE BEQ**

This Month's Articles:

- **President's Message**
- **Chapter Sponsors – Thank You**
- **Monthly Topic and Speaker**
- **CTCC**
- **Member News**
- **Sponsorships and Investors**
- **The Wall of Honor/Research Promotion**
- **ASHRAE Chapter Meetings**

President's Message

ASHRAE Members and Guests,

JANUARY PRESIDENT'S LETTER

Happy New Year! I hope that 2014 is a year of success, health, and happiness to all, particularly those in our industry hit hard by the downturn.

Last month we enjoyed our annual Oyster Roast, affording our Chapter Members and spouses an opportunity to enjoy each other's company in a relaxed and fun Holiday setting. Many thanks to Cullum Mechanical Construction for hosting, and to Charles Hipp, III for organizing this great event. Turnout exceeded expectations with nearly 50 attendees. And the oysters were fantastic.

As you may know, Charleston will be hosting the 2014 Chapter Regional Conference (CRC) this coming Summer. Volunteers are needed to help organize this major event. Randy Jones will be telling us more at this month's meeting.

I look forward to seeing you on Tuesday January 14th at Harbor Breeze. Dennis Knight, PE, our very own ASHRAE Distinguished Lecturer, will be speaking. Should be very interesting, as always.

A handwritten signature in black ink, appearing to read "Chris Constantine". The signature is fluid and cursive, with a large initial "C" and "K".

Chris Constantine, PE
President ASHRAE Charleston Chapter

Chapter Sponsors

Thank You for Your Sponsorship

2012-2013 Sponsors

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Monthly Topic and Speaker

Dennis Knight, Member of the Charleston Chapter of ASHRAE for 34 years and founder of Whole Building Systems, LLC, a local engineering and energy efficiency consulting practice. Dennis is active in ASHRAE at the national level as the Chair of the ASHRAE/IBPSA 2014 Building Simulation Conference, Vice Chair of the BIM Multidisciplinary Task Group and a former Chair of TC 7.1 - Integrated Building Design. Dennis is an ASHRAE Distinguished Lecturer. Please congratulate Dennis at Tuesday night's meeting. He will be honored by being elevated to the level of ASHRAE Fellow during the Plenary Session at the ASHRAE Winter Meeting in New York this Saturday January 18.

Dennis plans to speak briefly Tuesday night at the beginning of his presentation about the value of effective communication and then discuss the ASHRAE BEQ High Performance Building rating system.

CTCC – Gene Brown

Our December meeting was a fantastic oyster roast at Cullum Constructors. A good time was had by all. All members are encouraged to submit entries for a Technology award. For requirements go to ASHRAE.ORG and search for: Chapter/Regional Technology Award Application Short Form. In recent years RMF and Charleston Engineering have had project awards. Anyone who has a refrigeration project should submit an entry for the Milton Garland award. For requirements go to Ashrae.org and search for Milton W Garland. Choose the third item down: "Milton W. Garland Commemorative Refrigeration Award for Project Excellence". Paragraph 5 describes requirements for submission.

Let me know if you make any presentations to government or professional groups or if anyone receives an ASHRAE certification or upgrade. All of these items qualify for PAOE points for the chapter and prestige for you and your company.

At our November meeting Rob Turner took a few minutes to give a synopsis of the ACE mentoring program. This program is an enormous benefit to high achieving students interested in architecture, construction and engineering. This was followed by our November program in which Chris Mathis gave an outstanding presentation, Energy Efficiency in Commercial Buildings.

Member News – Brian Keiser

The membership committee is not only responsible for the promotion of our local chapter but also for broadening the type of membership to include all individuals concerned with the HVAC industry. Whether you are involved in engineering, contracting, energy management, sales, operations, code enforcement, or education, or if you have an interest in HVAC in general, ASHRAE membership can provide you a wide variety of opportunities to help you pursue and keep informed of developments affecting the HVAC industry.

For member application or membership upgrade contact Brian Keiser @ brian.keiser@rmf.com. Alternatively, you can download a membership application or update your personal information by logging on to the ASHRAE Society web site at www.ashrae.org.

ASHRAE membership grades (as adopted from the ASHRAE Society Bylaws) may be granted as follows:

- Honorary Member - Any person of preeminent professional distinction as determined and elected by the ASHRAE Board of Directors
- Presidential Member - Upon the installation of a successor, the outgoing President of the Society shall become a Presidential Member
- Fellow - A Member who has attained distinction in the arts relating to the sciences of heating, refrigeration, air conditioning or ventilation, or the allied arts and sciences, or in the teaching of major courses in said arts and sciences, or who by reason of invention, research, teaching, design, original work or as an engineering executive on projects of unusual or important scope, has made substantial contribution to said arts and sciences, and has been in good standing as a Member for at least ten (10) years. Election by the ASHRAE Society Board of Directors.
- Life Member, Life Associate Member or Life Affiliate - Each shall be a member who has been a full Member, an Associate Member or an Affiliate in good standing for an accumulative total of thirty (30) years and who has attained the age of sixty-five (65) years. The member shall retain all the rights and privileges of the most recent membership grade.
- Member - A Member shall have the equivalent of twelve Society-approved years of experience composed of a combination of (a) completed education beyond high school, (b) work experience and (c) professional engineering or related professional registration or license issued by a legally authorized body. All technical and scientific education shall be based on curricula approved by the Board of Directors.
- Associate Member - An Associate member shall have a total of eight Society-approved years of experience as defined in Section 2.6 of the ASHRAE Society Bylaws.
- Student Member - A student member shall be matriculated in an approved course of study in Society-related fields of education at a university, college, junior college or technical institute. The Board of Directors may establish other criteria for acceptable student membership.

Congratulations to the following individuals who recently became ASHRAE members. Welcome to the Charleston Chapter!

- **Nancy Yannuzzi, John Holladay, Thomas Fugard, Danny Morrison**

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Sponsorships and Investors

2013-2014 ASHRAE Research Investors

CORPORATE/HONOR ROLL INVESTORS 2013-2014:

Platinum Level Donors: (\$800+)

Chapman Company
Triad Mechanical Contractors
James M. Pleasants
Thermal Resource Sales
Trane
SC Public Service Authority - Santee Cooper

Silver Level Donors: (\$300)

C R Hipp Construction Inc
Charleston ASHRAE Chapter
Epting Distributors
Whole Building Systems
Weeks-Williams-Devore, Inc
CDI, Custom Curbs
Adams Companies

Bronze Level Donors: (\$150)

Constantine Engineering Associates, LLC

Please consider investing in THE organization of our industry.

Contact Steve Marek at:

(843) 534-6264

stevemarek.pe@hotmail.com

The Wall of Honor (2013-2014)

Individual Donations of \$100.00 or More

Marcus Googer, Dennis Knight, Ron Runyon
Del Laquiere, Randy Jones, Steve Marek
David Tomayko, Dick Trent, Eric Crawford
Brian Keiser, Clarence Ham, Chris Constantine
Ronnie Hackett, Al Hitchcock, Emad Afifi
Austin Jones, Philip Runyon

Much of ASHRAE Research funding comes in through individual donations,
so, please give.

CAN WE PUT YOUR NAME HERE?

Research Promotion – Steve Marek

Number One, thanks for all your donations from last year and HAPPY NEW YEAR, 2013 was a quick one.

I am in the midst of setting up the Spring Golf outing, should have info out soon.

Check out the Sponsor lists and support the people who donate to ASHRAE Research and keep the Charleston Chapter at the forefront of Research. Check out our individual Honor and Corporate Roll Donors, some give every year and are included automatically, if you see your name and you still need to make your donation please contact me.

Visit ASHRAERP.com for all the info on the campaign and see where your dollars go, it is a great web site provided by the Atlanta Staff.

We are close to goal, let's get this thing behind us, remember we are Hosting the CRC this year and will be looking for sponsors, let me know if you can help.

Thanks

Steve Marek
RP Chairman

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Grassroots Government Activities Committee (GGAC) Corner

The whole list of duties for the GGAC Chapter Chairs is overwhelming. The purpose of this article is to identify a few things for you, the individual ASHRAE member, to focus on now. Later, other items will be added to the list.

1. The GGAC Committee will continue to gather contact information for building code enforcement officials and politicians and their administrative staff at community and state/provincial levels, specifically for persons that influence local policy and legislation that falls within the ASHRAE area of interest. Also we will try to identify chapter members that have good working relationships with these contacts. These chapter members can ease introductions, if/when your chapter has an issue to discuss. Remember, this contact list should not include everyone in local government, but just those that are accessible and can influence policy and legislative outcomes.
2. The Committee will identify key contacts in other organizations within the Charleston Chapter jurisdiction that have intersecting goals, interests and issues to those of our ASHRAE Chapter. These organizations may represent architects, mechanical contractor and other trades groups, codes officials, energy efficient and green building organizations, etc. If there are issues of common interest, we will work with them to try and find common ground and a united voice when approaching government contacts about the issue.
3. Please watch for GGAC relevant issues arising within our jurisdiction and bring this to the attention of our ASHRAE Chapter. To ensure that all ASHRAE members within the jurisdiction speak with a unified voice, discuss these issues at our Chapter Meetings and develop plans for action with them.
4. Year end is a time when politicians and government officials tend to reconnect with their constituencies/home bases. This makes it a good time for you to (re)connect with them. This can be done at social events or by sending them a card offering seasons' greetings, and a gentle reminder that ASHRAE members can provide unbiased expertise and information on certain technical issues.
5. Remind BOG members, committee chairs and membership to report qualified, GGAC PAOE activities, and enter PAOE points before the end of year.

Eric Crawford

ecrawford@pepcoenergy.com

GGAC Chair

ASHRAE CHAPTER MEETINGS

October Meeting

Building & Design Social,
Student Activities Night

November Meeting

Research Promotion Night

December Meeting

Annual Oyster Roast

January Meeting

CTTC Night

February Meeting

Membership Night

March Meeting

GGAC Night

April Meeting

History Night

May Meeting

Student Activities Night

June Meeting

Annual Summer Social
Induction of Officers

ATTENDANCE

Mariah Schwartz is putting together a phone tree to help promote attendance at Chapter meetings. She may be contacting you in the near future to participate. If anyone would like to volunteer to be a part of the phone tree, please let Mariah know at your earliest convenience. mschwartz@wholebuildingsystems.com

PUBLICATIONS

Tim and Megan are working on the new website layout design. They are planning to update the design and incorporate a slideshow of pictures of Charleston on the homepage. Other updates will include providing links to become a member, a resource tab that will provide a place for ASHRAE members to post job announcements, and much more. Date of release is to be determined. Contact Tim and Megan with any suggestions or questions.

Tim@trinityengrs.com; mrooney@dwginc.com

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GET INVOLVED

CONTACT ONE OF OUR COMMITTEE CHAIRS TO SEE HOW YOU CAN MAKE A DIFFERENCE

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