

2017

February

Charleston Engineer's Joint Council Banquet!

Save the Date!

Tuesday, Feb. 14th, 2017

5:30 P.M.—8:30 P.M.

Location: The Citadel—
Mark Clark Hall, Buyer
Auditorium, 2nd Flr
Avenue of Remembrance
Charleston, SC

Tickets: ASHRAE is
subsidizing tickets to only
\$25

Sign up online at
[http://
www.charlestonejc.org/
eweek-banquet/](http://www.charlestonejc.org/eweek-banquet/)

See flyer at the end of the
newsletter for more
information.

Visit the chapter
website

[https://
charlestonashraechapt
er.wildapricot.org/](https://charlestonashraechapter.wildapricot.org/)



Next Meeting Wednesday, February 22

Harbor Breeze at Patriots Point, Mt. Pleasant

BOG Meeting 5:00-5:30

Happy Half Hour 5:30-6:00

Dinner and Chapter Meeting 6:00-6:30

Technical Program 6:30-7:30

\$25/person +\$5 open bar

[REGISTER ONLINE](#)

February Speaker— Henry Slack

Speaker Summary:

Henry H. Slack, P.E.

Since 1991, Henry Slack has managed the Indoor Air Program for the U.S. Environmental Protection Agency (EPA), Region 4, which covers eight southeastern states. In this position, he offers expertise concerning indoor air to citizens or public agencies with questions on topics as diverse as mold, odors, ozone, carbon monoxide, air cleaners, ventilation systems, and secondhand tobacco smoke. The EPA program is non-regulatory. A frequent presenter at conferences, he wrote (with Janise Palmer) and presented “Elevated Radon in Concrete Residential Buildings” at the ASHRAE Indoor Air '13 Conference in Vancouver, B.C.



Mr. Slack had a temporary assignment to the CDC National Center for Environmental Health, Air Pollution and Respiratory Health Branch, in 1998, where he investigated the use of unvented residential heating appliances (which could lead to carbon monoxide poisoning). In 2004, he was appointed a Fellow through Partners of the Americas, and spent a month and a half in Barbados training and assisting staff of the Barbados environmental agency.

In previous work, was responsible for energy management programs for the U.S. General Services Administration, Region 4; designed rooftop air conditioning units for Seasons-4, Inc., a small manufacturer; and served as the Energy Coordinator at Fort McPherson in Atlanta.

Mr. Slack earned a Bachelor of Science in Chemistry in 1974 from Southwestern at Memphis (now called Rhodes College) in Memphis, Tennessee, and a Master of Science in 1980 from Georgia Institute of Technology. He became a registered Professional Engineer in the state of Georgia in 1988, the same year he joined ASHRAE.



CHAPTER SPONSORS

Thank you for your sponsorship. If you would like to support the chapter, please contact the Research Promotion Chair.

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DWG Consulting Engineers

Presidential Corner— Jan. 2017

I hope everyone had a wonderful holiday season and a Happy New Year!

The oyster Roast was a success. Thank you everyone for coming out and thank you again to our sponsors.

Charleston Joint Engineer's Council Banquet is coming up. Tickets will be subsidized by ASHRAE to \$25 for members and \$15 for students. See attached flyer for more information.

This spring we are going to do another sustainability project and volunteer for another Habitat for Humanity build.

Thanks to all of our members and volunteers.

Megan Rooney
President ASHRAE Charleston Chapter



CTT Corner

For more information about this column, contact Gene Brown, CTTC.



All members are encouraged to obtain ASHRAE professional certifications. ASHRAE is accredited by ANSI under ISO/IEC 17024 for the Building Energy Assessment Professional (BEAP), Building Energy Modeling Professional (BEMP), Commissioning Process Management Professional (CPMP), and High-Performance Building Design Professional (HBDP) program and has certified more than 2,500 Built Environmental Professionals.

ASHRAE president, Tim Wentz, gave an outstanding presentation at our January meeting.

Mr. Wentz showed us the slide rule which he used in college and early in his career. In its day the slide rule efficiently performed calculations using multiplication, division, trig functions and exponents. The hand held calculator rendered the slide rule obsolete. Our most advanced smart phones of today will be the slide rules of tomorrow.

ASHRAE University platform will be launched. An internship program will be launched. Two thirds of the time interns are offered a job by their employer.

Why join ASHRAE? In the room we have engineers, contractors, suppliers and competitors.

ASHRAE is in partnership with CIBSE, the Chartered Institute of Building Service Engineers.

ASHRAE will be adapting BEQ for use by student branches. Training will be made available for students. BEQ, Building Energy Quotient is a tool which rates building energy consumption without unduly penalizing buildings in a region where high energy consumption would be expected.

The ASHRAE Technology Portal, for members only, will provide all of the latest information.

What can we do: hire an intern; get more involved in ASHRAE; the greatest risk we face is resistance to change.

Courses will be at cost. Some things will be free to members. Internships will be available to students.





Chapter Officers

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BOG— Steve Marek, Ron Runyon, Randy Jones

Upcoming Event Excitement!

The Charleston STEM Festival is a celebration of science, technology, engineering and math in the Lowcountry area of South Carolina. The 3rd annual festival will be an outdoor event that provides opportunities for engagement between children, teens, families, and local STEM professionals and organizations.

We would love for you to be involved! If you would like to sign up as a team, email chs.stemfest.volunteers@gmail.com) with your anticipated number of volunteers or have members sign up at <http://vols.pt/e9pmKy>

Saturday, February 6, 2016 @ 10 AM–3 PM

Brittlebank Park

Attention all future leaders- Request for candidates!

Please see the attached announcement at the end of the flyer regarding the upcoming ASHRAE Leadership Academy, to be held on Saturday, April 8th. This will be great for new upcoming leaders that can prepare them carry forward into more prominent leadership roles in the future. Contact any of the chapter officers if you are interested in being nominated.

Goals of the Academy

- o Energize chapters and bring them together
- o Discuss what it means to be a leader in ASHRAE
- o Share best practices at the Chapter level
- o Learn from seasoned leadership

September— Tuesday 9/8
 October—Tuesday 10/13
 November—Tuesday 11/10
 December—Tuesday 12/8
 January—Tuesday 1/10
 February—Tuesday 2/9
 March—Tuesday 3/8
 April—Tuesday 4/12
 May—Tuesday 5/10
 June—Tuesday 6/14

Membership
 YEA!
 Donor Recognition
 Annual Oyster Roast
 Research Promotion
 History Appreciation
 CTTC
 Student Activities
 GGAC
 Annual Summer Social and Induction of Officers

Chapter Meetings



CEJC Annual Engineers' Week Banquet



 **Save The Date!**
Tuesday - Feb 14, 2017
5:30 - 8:30pm

Location:

The Citadel – Mark Clark Hall,
Buyer Auditorium, 2nd Flr
Avenue of Remembrance
Charleston, SC

Agenda:

5:30 Networking/Bar Opens
6:00 Opening Remarks/Posting of Colors
6:15 Buffet Line Opens
6:30 Awards & Recognitions
7:15 Keynote Speaker/Q&A

Cost:

\$40 for professionals/adults thru Feb 5th
\$45 for professionals/adults thereafter
\$25 for full time students

{actual purchase price may vary for
sponsored groups and subsidized CEJC
affiliate organizations' members}

Online Purchase via PayPal

coming soon

on the CEJC website Banquet Page

You must pay online to reserve your
seat at the discount price by 5 Feb;
Check or Cash only at the door if seats
remain available – check website
{300 seat capacity; no sales once sold out}

Please join us in celebrating the accomplishments of the local engineering & technical community. Attendees will enjoy a buffet dinner with open bar (beer & wine), the Lee H. Clippard, Jr. Memorial Scholarship presentation, annual recognition awards ceremony, and a rousing keynote speaker from our local Mercedes Benz Vans Manufacturing Facility.



Mercedes-Benz

Vans. Born to run.



For sponsorship & exhibitor opportunities:

Please contact Dave Draper, draper84@bellsouth.net or Dick Tiano, dick.tiano@ati.org



ASHRAE Leadership Academy

ASHRAE Headquarters, Atlanta, GA
Saturday, April 8, 2017

Designed for Society's Up-and-Coming Leaders

This is a crash course to simplify the learning curve of all things ASHRAE:

- Gain a better understanding of ASHRAE Society and obtain useful and practical knowledge essential for developing leadership skills
- Obtain tips and best practices that can be easily and immediately implemented
- Discuss hot topics and challenges identified by the attendees

Topics covered include:

- Creating an elevator speech
- Navigating the ASHRAE organizational structure
- Understanding all the tools and resources available to help chapters and their members succeed
- Managing effective meetings so that Board meetings and chapter meetings can run as smoothly as possible
- Delegating to and motivating volunteers

There is no charge for this program, however registration is required and space is limited. Talk to your Chapter officers about supporting attendance at the ASHRAE Leadership Academy.

Learn more and register today at www.ashrae.org/leadershipacademy.

Meet the Presenters



Devin A. Abellon, P.E.
Business Development Manager
Uponor
Region: X



R. Christopher Mathis
President
MC2 – Mathis Consulting
Company
Region: IV



Rachel Romero, P.E.
Energy Engineer
National Renewable Energy
Laboratory (NREL)
Region: IX