



ASHRAE

Mobile
Chapter

December Newsletter 2016

National Officers

President	Timothy G Wentz
President-Elect	Bjarne W. Olsen
Treasurer	Sheila J. Hayter
Vice President	Walid Chakroun
Vice President	Patricia T Graef
Vice President	M Ginger Scoggins
Vice President	Frank Coda
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Chapter Officers

President	Scott Gentry
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Vice President	Chris Stripling
Secretary	Jim Bray
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B.O.G.	Matt Songe
B.O.G.	

Committee Chairs

Programs	Vacant
Research	Richard Ramirez
Historian	Vacant
TEGA	Vacant
Student Activities	Trent Walters
Membership	Vacant
Newsletter	Matt Songe



2015 ASHRAE Mobile Chapter Christmas Party

THE MOBILE CHAPTER OF ASHRAE WOULD LIKE TO EXTEND OUR WARMEST WISHES FOR YOU AND YOURS THIS HOLIDAY SEASON. PLEASE COME AND JOIN US FOR A NIGHT OF GOOD FUN, ENTERTAINMENT AND GIVING BACK.

DECEMBER 9TH, 2016
6:00-10:00PM

5 RIVERS DELTA RESOURCE CENTER
30945 FIVE RIVERS BOULEVARD
SPANISH FORT, AL 36527

6:00PM Social Hour
7:00PM Dinner
Silent Auction All Night!

FREE TO ALL!

PROCEEDS FROM THIS YEARS EVENT WILL BE GOING TO THE FOLLOWING:

PENELOPE HOUSE
&
RONALD MCDONALD HOUSE OF MOBILE

(Must be 21 or older to attend)

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Please RSVP with Cullen Millsap at
Email: cullen@walterscontrols.net
Phone: 251-533-8332

If viewing this from your computer, please follow this [Eventbrite link](#) to RSVP, add the event to your calendar, and get all of the party details.



President's Notes

October 2016

Coming off of a long, taxing election season, I can breathe a sigh of relief. This isn't because my candidate won, but because it's finally over, and we can now focus on what makes us unified as a nation and not on what divides us. I'm sure you noticed it was rare to find someone who wasn't passionate about this past election. People cared about the outcome deeply and surprisingly, and therefore, they voted. They cared about something and they voiced their opinion.

I can't help but reflect on how fortunate we are to have that freedom. How terrible would it be if our voices couldn't be heard? What if the federal government made decisions about who would lead our country with little to no regard for the voice of the people? What if our citizens didn't care enough to voice their opinions? What a miserable nation we would be, I'm sure you would all agree.

Have you ever considered how those concepts are at play in our HVAC/R industry? I'm talking about the voicing of opinions, the voting, the leadership, and the legal, ethical, and environmental ramifications of our decisions. Like our great nation, we, as member of the HVAC/R community, are able to voice our opinions, selecting who leads us, what standards are published, and what is included in those standards. Do you realize that you have a say in these things if you are a member of ASHRAE? Do you realize the magnitude of ASHRAE standards on our day-to-day activity? It is, in a word, definitive.

In another word, it is inclusive.

You see, ASHRAE defines much of what we do and how we do it. This is equally true for the engineer, contractor, architect, and manufacturer. If you participate in this industry, ASHRAE unavoidably and indelibly permeates everything you do. This reality benefits us in that there is a standard for so many things that were previously unmonitored at best and harmful at worst.

As professionals, ASHRAE makes it possible for many of us to enjoy careers designing, installing, servicing, and selling HVAC/R systems. As a professional, you must have an opinion - and preferably a strong one - on the right way and the wrong way to do things. You must have an opinion of ASHRAE. And I encourage you to voice that opinion. Get active in ASHRAE on a chapter level and a society level. ASHRAE has paved the way for you to have a career. Don't you owe it to ASHRAE, and all your peers, to participate?

To quote one of our greats, Ken Buck said, "The primary benefit of being a member was the exchange of knowledge." We all, as benefactors of this exchange, are deeply indebted to those who preceded us, as well as to our peers who maintain this exchange. Opinions, specifically yours, matter. Join in and share them, the stronger the better.

Regards,
Scott Gentry
ASHRAE Mobile Chapter President



November Chapter Recap

Technical Sessions:

Key Impacts of ASHRAE Standards on Water Side Design

Last month's session was given by Chris Edmondson. The session covered a common sense approach to specific sections of 90.1, 188-2015 and others that have a direct impact on water side HVAC installation and design. The session approached key issues explaining why they are needed from an energy and health standpoint.

Chapter Meetings:

Modern Pump Selection for System Efficiency

Our chapter meeting included a lecture on VFD energy savings in relation to proper pump selections. Efficiency depends on the configuration of pumps vs. load and flow conditions. The lecture covered how to analyze a system in order to give more accurate estimates on VFD savings. This lecture was also given by Chris Edmondson.

About Our Speaker

Chris Edmondson received his B.S. Degree in Mechanical Engineering from North Carolina State University in 1967. After graduation, he spent four and a half years as a salesman with the Trane Company. In 1971, he came to work for the James M. Pleasants Co., Inc. He worked as an Outside Salesman until 1978, when he was promoted to Vice President and Sales Manager till 1987. From 1987 to 2010, he has served as President of the Pleasants Company. Chris is currently CEO of James M. Pleasants Company.

Chris has served many years in the ASHRAE organization, holding positions such as Secretary/Treasurer, Vice President and President of the North Piedmont Chapter. For the fiscal year, 1985-86, Chris received the Rudy Ferguson Memorial Award (Presidential Award of Excellence). In 1985, he became a Technical Speaker to various ASHRAE chapters and he is a Distinguished Lecturer for ASHRAE. He held the position of Educational Activities Vice Chairman for Region IV from 1992 to 1994. In 1995 he was the Chapter Program Chairman for Region IV. He has served as Region IV DRC and on the ASHRAE Board of Directors. He has also served on the ASHRAE nominating committee. He is also an approved instructor on many USGBC GBCI LEED Presentations.



Chapter Calendar

January Meeting:

Location: Wintzell's Oyster House, Downtown Mobile

Date: January 11, 2017

Time: 11:00 am – 12:45 pm

Speaker: Bob Fedulk

Optimizing Ventilation Design and Understanding the ASHRAE Multi-Space Equation

Arriving at the correct ventilation system design for a multiple-zone application using the ASHRAE Standard 62.1-2004 (2007) Ventilation Rate Procedure is not a simple task. There are many variables that must be factored into the process some of which include complex equations. The reader should first have an understanding of all the Ventilation Rate Procedure concepts. Arriving at the optimized ventilation system design for a multiple-zone application requires further analysis. This may include the ability to utilize load calculation software to evaluate multiple scenarios in order to arrive at the most cost effective quantity of ventilation air while maintaining good indoor air quality for the specific application.

February Facility Tour:

Location: Wallace & Bankhead Tunnel

Date: February 8, 2017

Time: 11:00 am – 2 pm

Host: City of Mobile

Come see the ventilation system, construction, and traffic management of our very own tunnels.

Tour is limited to 30 people. Sign-up early. First come first serve. Box lunches will be provided. Parking arrangements to be sent out prior to event. Program begins with lunch and 15 minute presentation. Extensive walking will be required. We will see the inner workings of the tunnel ventilation and construction. Tour consist of both tunnels.

Sponsor Appreciation Dinner:

BY INVITATION ONLY

Location: TBD

Date: March 16, 2017

Time: TBD

Cost: Free

Guest: Ginger Scoggins, PE, Society Vice President

Come join us for dinner as an appreciation of your long devotion and support to ASHRAE and the Mobile Chapter.



Chapter Calendar

Consulting Engineer Round Table Breakfast:

BY INVITATION ONLY

Location: TBD

Date: March 17, 2017

Time: TBD

Cost: Free meeting, Dutch meal

Guest: Ginger Scoggins, PE, Society Vice President

Round table breakfast with the society Vice President

A survey will be sent out to local consulting engineers for questions they would like to ask the society president. Ginger will be able to provide great insight into ASHRAE operations, future of ASHRAE, and how new standards will affect industry.

March Meeting:

Location: Wintzell's Oyster House, Downtown Mobile

Date: March 17, 2017

Time: 11:00 am – 12:45 pm

Speaker: Ginger Scoggins, PE, Society Vice President

Topic TBD

Ginger Scoggins, P.E., is president, Engineered Designs, Raleigh, N.C. which she co-founded in 1997. She received a Bachelor of Science in Mechanical Engineering from Tennessee Technological University in 1986. She formerly served on the Board of Directors as Region IV director and regional chair and is a recipient of an Exceptional Service and a Distinguished Service Award. As a vice president, Scoggins is a member of the Board of Directors and the Executive Committee and serves as vice chair of Technology Council.

April Meeting:

Location: Wintzell's Oyster House, Downtown Mobile

Date: April 12, 2017

Time: 11:00 am – 12:45 pm

Speaker: Andrew Sorenson

Textile Air Dispersion Design and Applications

The presentation will go in depth on proper Textile Air dispersion design, specification, installation considerations. The presenter will also provide an overview of where textile air dispersion products can be applied and the latest in air dispersion technologies.



Chapter Calendar

2017 ASHRAE 3rd Annual Charity Golf Invitational:

Location: Timber Creek Golf Course

Date: April 14, 2017

Time: 8:00 am

Cost: TBD

Four man team scramble

Benefits will go to Ransom Ministries and ASHRAE RP

We look forward to seeing everyone at these events and we appreciate your support! Please visit our website (<http://mobileashrae.weebly.com>) for updated information on chapter functions and meetings!



Member Spotlight

October 2016

Life Member R. Gary Bailey is president of LANICO, Inc. He received his Bachelor of Mechanical Engineering Degree from Georgia Tech in 1960 and passed the Engineer in Training examination. During his free time, Gary enjoys deep sea fishing, college football, Mardi Gras and Irish genealogy.

Here are the main questions:

What is the history of Lanico?

LANICO, Inc. began as the R. G. Bailey Co., Inc. in 1980 and evolved into LANICO, Inc. in 1987. We are sales reps for commercial air conditioning and heating products.

What are the biggest changes to the industry you've seen over the years?

Undoubtedly the biggest change for sales representatives has been the time saved with computer programs for the selection of air conditioning and heating equipment. At one time it took approximately one hour to select an air handling unit with chilled and hot water coils. Order entry required another hour.

How did you become involved in the HVAC/R industry?

Shortly after completing Army Reserve training, I began with the Industrial Division of American Standard that incorporated American Blower, Kewanee Boiler and Ross Heat Exchanger companies.

What is a word of advice for new graduates and those new to the industry?

Since most of the world's inhabitants are living indoors, indoor air quality (temperature, humidity and cleanliness) will be the prime objective for owners, architects & engineers, contractors and sales representatives. My advice is to take an entry level job in any one of those fields and move around until the best fit is found.

What is the most rewarding part of your job?

Making a living at something I really enjoy.

What is your past involvement in ASHRAE?

I joined ASHRAE in 1963 in Atlanta and served in all officer's positions in the Mobile (Gulf Coast) Chapter. At the time I joined the Mobile Chapter, the meetings were held exclusively in the evening. Many of the meeting venues no longer exist, such as the Bienville Club, The Townhouse Hotel, Holiday Inn on the Causeway, and Korbet's at the Loop. It was a social event with a happy hour, and an opportunity to get the latest scuttlebutt and have a great technical presentation. Changes to the industry have made the social aspect difficult to support. Further, it is my observation that the current generation of our leaders are doing a great job.