



ASHRAE

Mobile  
Chapter

# September Newsletter 2017

## National Officers

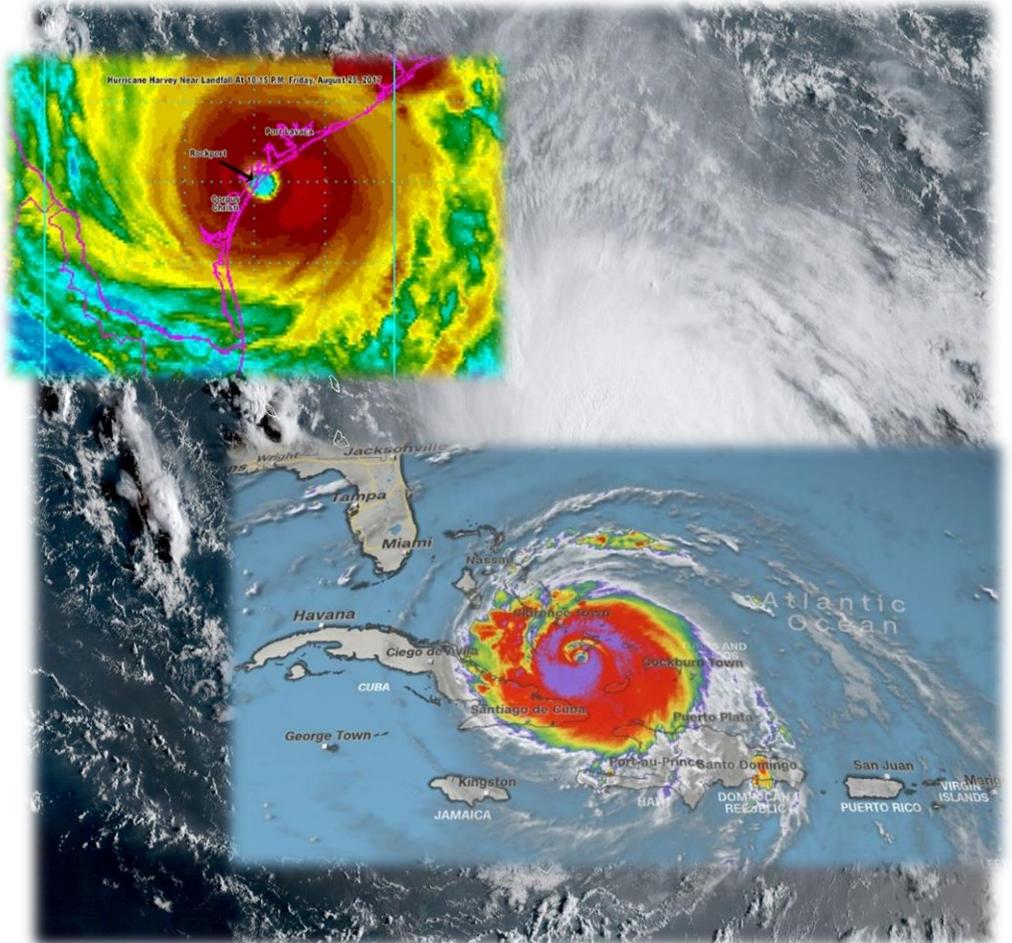
President	Bjarne W. Olesen
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Vice President	Michael Schwedler
Vice President	Ginger Scoggins
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Secretary	Jeff H Littleton

## Chapter Officers

President	Scott Gentry
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Secretary	Matthew Simmons
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B.O.G.	Roger Smith
B.O.G.	Cullen Millsap

## Committee Chairs

Programs	Vacant
Research	Richard Ramirez
Historian	Vacant
CTTC	Robert Hangen
Student Activities	Trent Walters
Membership	Vacant
Newsletter	Matt Songe



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**American  
Red Cross**  
[www.redcross.org](http://www.redcross.org)



<https://www.unicefusa.org/>

## September Meeting

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** September 13, 2017

**Time:** 11:30am – 1:00pm

**Speaker:** Christopher M. McDonald

**Topic:** Document Management & Discovery



# President's Notes

## August 2017

As I'm writing this, Hurricane Irma is about to make her run up the spine of Florida. Last time I sat down to put my thoughts down for the President's Notes, the world had not yet seen what Hurricane Harvey was going to do to Texas and Louisiana. It's in times like these I want to reiterate the importance of what we do. No, we're not professional first responders, meteorologists, or politicians able to release aid money. We're just HVAC nerds who make life as we know it in the Southeastern United States a possibility.

We bear a responsibility. There are millions who are going to be affected by Irma, and millions who are already suffering the effects of Harvey. These population centers in southeast Texas and Florida exist because of our industry. I'm not saying we should regret the work we do that enables these millions of people to live and work in climates generally ill-suited to support those population numbers. No, we should take pride in it, but we should be mindful that our work has, in no small way, literally changed the world.

I'm suggesting we approach the work we do with a sense of reverence. When we're designing and participating in the construction of a hospital, we should weigh the impact of our work in terms of human lives. Robust designs save lives. Likewise with multi-family work, which is so common in these population centers. Increasingly data centers will factor into this reality as well. Is the work you do intended to enhance the safety and well-being of the building occupants? We're not just designing buildings, we're enabling life.

I'm also reminded that our work as an industry is nowhere near done. While many may balk at increasing efficiency requirements, I ask you to make an honest and thorough self-evaluation to really nail down why you feel the way you do in regard to these changes. Weigh the cost of what it means to reduce our energy consumption as a planet. I know politics comes into play here, and I cannot shy from it. I'll plant my flag here: I sincerely believe increasing energy efficiency requirements are good and will result in a better world. But I also believe these requirements should only be changed with great wisdom and foresight. And so I'm proud to be a part of an organization, ASHRAE, that makes every attempt to update requirements with intelligence and care.

We may be simple HVAC nerds. But the impact of what we do is, in fact, far reaching. Don't dismiss your work – it is making a difference in many lives you will likely never know.

Regards,  
Scott Gentry  
ASHRAE Mobile Chapter President



# 2017 Shrimp Boil

This year's annual shrimp boil was a huge success! The chapter served up 150 lbs of shrimp to over 70 attendees. Congrats to those who walked away with one of the great door prizes donated for the event. We were happy to see everyone and we want to extend a big thank you to our sponsors and volunteers who made this event possible!



Sponsored by:





# Chapter Calendar

## September Meeting

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** September 13, 2017

**Time:** 11:30am – 1:00pm

**Speaker:** Christopher M. McDonald

Document Management & Discovery – How Documents & E-mails are Used in Litigation

This talk will explain how documents and e-mails are used in litigation. It will provide sample documents to help illustrate how adversaries will use documents to their advantage in litigation. It will also provide tips on how to manage documents to avoid creating documents that can be taken out of context and used against a potential defendant.

## October Meeting

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** October 4, 2017

**Time:** 11:30am – 1:00pm

**Speaker:** Tom Kolsun

A Holistic Overview of Technologies and Strategies to Achieve Deep Energy Reductions in Laboratories. As we strive to build more energy efficient laboratories and vivariums, the most impactful approach is often to reduce the outside airflow. In the last few years new design approaches such as demand based control of lab air change rates, chilled beams (hydronic cooling), and VAV exhaust fan control have been successfully employed to safely reduce these lab airflows to as low as 2 ACH to cut energy consumption significantly. Although these concepts may be discussed individually in the past, this talk provides a holistic discussion of how these and other energy saving technologies such as heat recovery can be combined to create a whole that is greater than the sum of the parts. Several case studies will be provided as well as the results of a sophisticated lab energy analysis tool to determine potential energy and capital cost savings for a typical lab building.

## November Meeting

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** November 8, 2017

**Time:** 11:30am – 1:00pm

**Speaker:** Andy Jackson

**Topic:** Understanding AMCA 500-L Louver Weather Testing & Louver Requirements in the Hurricane-Prone Region.

An in depth look at AMACA 500-L weather testing for louvers (Water Penetration vs Wind Driven Rain), understanding the requirements for louvers to meet code in Hurricane-Prone Regions, louver test procedures (MISSLE test AMCA 540 and AMCA 550) what to specify to meet code and what types of louvers comply.



# Chapter Calendar

## **ASHRAE Christmas Party**

**Location:** Malaga Inn

**Date:** December 1, 2017

**Time:** 6:00 PM

Come for live music, great company, and cheer.

Free to all. Silent auction benefiting Ronald McDonald House and Penelope House Charities

## **January Meeting**

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** January 10, 2018

**Time:** 11:30am – 1:00pm

**Speaker:** Chris Edmondson

**Topic:** Key Impacts of ASHRAE Standards on Water Side Design

This seminar will take 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 goal of this talk is to approach a few of the key issues explaining why they are needed from an energy and health standpoint from a real world view point

## **February Facility Tour (tentative)**

**Location:** USA Central Plant Tour

**Date:** February 14, 2018

**Time:** 11am – 2pm

**Host:** Evan Helinski & USA

A review of District Cooling.

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. We will see the inner workings of the central cooling plant.

## **March Meeting**

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** March 14, 2018

**Time:** 11:30am – 1:00pm

**Speaker:** Danny Dunaway

**Topic:** Pump types, accessories, and what not to do.

Pumps come in a variety of orientations and types. This discussion will cover the spectrum of HVAC pumping choices that are made in design including pump efficiency, head loss through strainers, adequate turbulence control, and marbling!



# Chapter Calendar

## April Meeting

**Location:** Wintzell's Oyster House, Downtown Mobile

**Date:** April 11, 2018

**Time:** 11:30am – 1:00pm

**Speaker:** Kyle DelPiano

**Topic:** VRF & Hydronic Systems: A Strategic Comparison

This discussion will compare VRF and Hydronic systems with a review of lessons learned from the ASHRAE Headquarters in Atlanta GA. The ASHRAE Headquarters used both VRF and Ground Source Hydronic systems in the building.

## 2018 ASHRAE 4th Charity Golf Invitational

**Location:** Timbercreek Golf Course

**Date:** April 2018 TBD

**Time:** 8:00 AM

4-man team scramble

Benefiting 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!