



November 2017

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Photo Gallery

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Contact Us

P.O Box 180
600 East Capitol Avenue
Little Rock, AR 72203



President's Report

Our November Meeting (Nov 1st) is at **Camp Aldersgate!**

Cooler weather and football! What a great time of year! We should have great weather for the golf tournament. It is O Arkansas and should be a great time.

Our YEA Let's Study Event was a huge success. I would like to thank Phil Watson for his efforts in putting this together studying for the PE test the absolute best.

All of the things happening in ASHRAE has been made possible from volunteers. Thank you to everyone that gives of ! great.

Our November Meeting is at Camp Aldersgate. I hope to see everyone there!

Max Good

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Calendar of Events

Chris Nagle

Chris Nagle is the Vice-President of Water Systems at Evapco, Inc. Prior to Evapco, Chris worked as Commercial Equipment water treatment solutions with GE Infrastructure and before that the Ge Betz Laboratories, BetzDea Technologies.

Topic Spotlight

Currently ASHRAE Guideline 12-2000R - Proposed Revision of Guideline 12-2000, Managing the Risk of Legionellosis , Systems was issued for the first public review (July 2017). Based on this our speaker, Chris Nagle topic "Understanding Sources was very timely." This presentation seeks to provide a basic understanding of Legionella Bacteria and Legioni of bacteria supply and amplification will be reviewed along with tools to help reduce the risk of disease. Design and ma cooling equipment will also be discussed.

MONTH	MEETING TOPIC	SPEAKER	SECTION	DATE
Nov	Legionella – Water Treatment	Chris Nagle, Evapco	Central	11.01.17
			NWA	11.02.17
DEC	TBA - Sustainability	Joint Meeting with USGBC	Central	12.06.17
			NWA	12.07.17
JAN	Using Building Data to the Best Effect	Keith Larose, Copper Tree Analytics Inc.	Central	01.03.18
			NWA	01.04.18
FEB	TBA	TBA	Central	02.07.18
			NWA	02.08.18
MAR	TBA	Bjarne Olesen, Society President	Central	03.07.18
			NWA	03.08.18
APR	Second Annual – Arkansas ASHRAE - JOB FAIR	TBA	Central	04.04.18
			NWA	04.05.18
MAY	Past President's Night	N/A	Central	TBA
			NWA	N/A

HVAC Design Essentials Course

October 25, 2017

Don Brandt CEM, ASHRAE Instructor

Course Goals:

- To provide training to participants who want to gain a better understanding of HVAC design essentials, equipment and system applications to increase energy savings.
- To provide training on proven techniques to monitor, track, and reduce energy usage in public and commercial buildings.

Registration: <http://arkansasaee.org/meetinginfo.php>

Instructor: Don Brandt, CEM, ASHRAE, IEEE Life Member;
Don is a certified instructor for AEE's *CEM prep course*, ASHRAE's *HVAC Fundamentals*, and an IEEE Life Member.

Target Audience:

Contractors, Technicians, Engineers, Sales Managers and Facility Managers who want to expand their understanding of HVAC systems, design, operation, control, and efficiency.

Date: Wednesday, Oct 25th, 8:30am-4pm

Fee: \$40 members, \$50 non-members
Continental breakfast and lunch provided

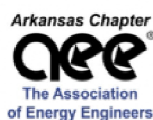
Location: Lake Point Conference Center
171 Lake Point Lane, Russellville, AR 72802

Educational Value: 6PDH

Topics covered:

- 1) Types of HVAC Systems, Common Applications and Selection
- 2) Heating and Cooling loads
- 3) HVAC Equipment Sizing, Duct Design and Fan selection
- 4) Energy Modeling and Efficiency - System Improvements
- 5) Overview of ASHRAE Stds 55, 62.1, 90.1, and 189.

For more information email:
energy_education@arkansasaee.org



Energy Efficiency Arkansas: Energy Efficiency Arkansas (EEA) is a partnership between the Arkansas Economic Development Commission's Energy Office and Arkansas's investor-owned electric and gas utilities and electric cooperatives through a ratepayer-funded program approved by the AR Public Service Commission.

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ASHRAE History

Arkansas ASHRAE History

Russell Black – Historian

Continuing with our publication of historic leadership recall interviews, here is an interview with Ed Tinsley of Tinsley-Mt Chapter Historian. Date: March 25, 1998

Ed was a two-year President of Arkansas ASHRAE in 1989 and 1990. Ed also wrote the very influential instructional book "ASHRAE Chapter" (May, 1991)

Question 1: Would you give a brief biographical sketch of your life including place of birth, family size, early schooling, background, current family, etc.

- Born on March 18, 1960 in Houston, Texas. I have two (2) sisters and two (2) brothers. I am the middle child.

- Have lived in Houston, Los Angeles, Red Oak IA, and Arkansas
- Graduated from Sheridan High School in 1978
- Married Paula Rae Nutt (high school sweetheart) on June 23, 1979
- Graduated from the University of Arkansas in 1982 with BSME.
- Worked for the University of Arkansas Physical Plant Engineering Department from 1979 until 1984.
- Worked for Pettit & Pettit Consulting Engineers from 1984 until 1987.
- Worked for St. Vincent Infirmary Medical Center from 1987 until 1992.
- Worked for Goodman Tinsley Engineers from 1992 until 1995.
- Worked for Tinsley-Mullen Engineers from 1995 until present.
- Paula and I have three (3) children ages 18, 16, and 10.

Question #2: Please describe what attracted you to the engineering industry as well as your first job in the engineering

- *I have always enjoyed math and science as school subjects.*
- *My father is employed in the engineering industry and my mother was a high school math teacher (now retired).*
- *My Sunday School teacher at the church we attended in Fayetteville worked for the UA Physical Plant as a mech job working as his assistant in 1979.*
- *Working at the Physical Plant taught me a great deal about the maintenance and operation of mechanical and el life systems at the same time that I was studying mechanical engineering was a tremendous opportunity. I began studies.*

Question #3: How and when did you get involved in ASH RAE?

When I worked at Pettit & Pettit the Principals in the firm strongly encouraged ASHRAE attendance. Kent Pettit, Sam C Arledge, Floyd Farmer, Jeff Roussel, Randy Ragsdale and others all attended the monthly meetings on a regular basis.

After working as the Reception Chairperson in 1985 I was asked to enter the officer rotation in 1986.

Question #4: As a past Arkansas ASHRAE President, what were some of the major issues facing the HVAC industry a

The major technical issues during my tenure as ASHRAE were Indoor Air Quality and CFC refrigerants.

Question #5: What was the single greatest challenge that faced you during the years you served as an officer for the A

The single greatest challenge during my tenure was coordinating the CRC in 1991 when the Arkansas Chapter was the Chairpersons, Bill Harrison and Sam Cummings, were seasoned ASHRAE veterans and knew what they were doing. T. CRC went very well.

Question #6: What people stand out as influences on your professional career?

I have been very fortunate to have worked for several of the giants in Arkansas ASHRAE including Kent Pettit, Sam Cu individuals demonstrated to me that ASHRAE involvement would yield many personal returns including technical knowl

Other individuals that strongly influenced my professional career include Dr. Rick Couvillion (UA Engineering Professor, the UA Physical Plant), Larry Whitt (Senior Vice President at St. Vincent Infirmary Medical Center), and Jim Bradford. C for education, Bill Harp demonstrated a love for the profession and a strong work ethic. Larry Whitt demonstrated comn Bradford demonstrated enthusiasm and perseverance.

Question #7: What advice would you give a young individual starting out in the HVAC industry today?

Without a doubt I would advise any young individual beginning a career in the HVAC industry to become heavily involve them that such a career will involve long work hours and that they had better enjoy their work.

Question #8: What advice would you give a current or future ASHRAE Chapter Officer?

I would advise them to ask prior Chapter Officers for assistance. There are many individuals that have been in the ASH work. Many of these individuals would be eager to help a new officer.

Question #9: Please describe any humorous and/or significant historical events that you recall from your ASHRAE exp

I have witnessed so many humorous and enjoyable events during my ASHRAE experience that I cannot recall one sing events that I have witnessed were when Jim Monk and Sherry Baldwin won the Golden Gavel

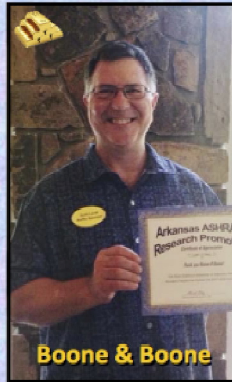
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