



Thin Air Bulletin

February 2017

February Meeting Announcement

Join us for our next chapter meeting of the 2016-2017 year. The topic is "Who Stole My High-Performance Building - Part 2 Hydronic Systems" by Distinguished Lecturer Todd L Rindlisbaker.

Date: Tuesday, Feb 21

Time: 11:30am - 1:00pm

Location: WisePies Arena aka The pit

Cost: \$20 (members) / \$25 (guests)

[Click here for more info or to register online.](#)
(Cash and credit cards also accepted at door)

Message from the President

Dear Members,

I hope groundhog day found you enjoying the last months of winter before the spring time and new construction gets into full gear.

Thank you to all who joined the Board of Governors on February 3rd for a bowling event at the Main Event. A fun afternoon was had by all!

This newsletter includes an ASHRAE press release from the Winter ASHRAE and AHR Expo. As you can see, this was a very successful event with almost 70,000 visitors. I

Winter Meeting 2017

LAS VEGAS—It is official. The 2017 AHR Expo is the largest in the Show's history in terms of attendance, as well as physical size.

"This is by far the biggest Show we've ever done," Clay Stevens, president of International Exposition Co., Show manager and producer.

But what does it mean to have the biggest Show ever? If the nearly 70,000 visitors and exhibitors walked up and down every aisle, they will have gone more than 8 miles.

The previous record-holder for the AHR Expo with the highest attendance was the 2014 Show in New York. However, Stevens told Show Daily that, preregistered attendance here in Las Vegas even before the Show

was among those visitors and I can assure you that the men's bathroom lines were long. The event was very successful and opened my eyes to many new products and systems introduced. With the recent EPA SNAP refrigerants ruling, many manufacturers introduced new ways of being energy efficient and reducing the global warming potential of any refrigerant leaks. I hope you consider going to the semi-annual winter meeting in Chicago 2018.

The ASHRAE Summer meeting will be held in Long Beach California this year. It isn't too early to start making plans to hit the beach!

And finally, just a reminder about the new program we are introducing. The chapter would like to pay for the cost of future chapter leaders to attend this event. The Spring 2017 YEA Leadership Weekend will be held in Denver, CO from March 3-5, 2017. Registration includes hotel accommodations for Friday and Saturday, meals during the event (dinner on Friday, all meals on Saturday, and breakfast and lunch on Sunday), and all necessary materials and resources. Airfare and any ground transportation costs are not included. If you (or one of your employees) are interested in attending, please send me interested candidates!

<http://www.ashrae.org/membership--conferences/young-engineers-in-ashrae/yea-leadership-weekend>

Feel free to e-mail me at stephen.fornier@trane.com with your thoughts and suggestions.

Sincerely,

Stephen Fornier
NM ASHRAE President
2016-2017

started on Monday was "a few thousand over the total we finished at on our record year."

Stevens noted that it isn't only location that are attracting visitors to the Show. "We've been here (Las Vegas) before, and the numbers are a great deal higher than in 2011, when we were here [in Las Vegas] the last time."

"However, I don't discount Las Vegas. Las Vegas is a popular place."

What really attracts visitors, says Stevens, is the Show itself. AHR Expo has long been the place where HVAC&R professionals can see the latest and most innovative products and technologies. "That hasn't changed a lot—It's just that this (2017) show has more of it." Specifically, Stevens noted "the whole energy issue, the whole idea of efficiency" is something attendees always look for at the Show. And, they can find it throughout the gamut of the Show's exhibits.

Because of the vast size and scope of the Show, Stevens suggests that attendees, rather than trying to just wander around, plan to focus on specific things of interest. "If they didn't," he said "They're gonna have some sore feet!"

As reported in yesterday's Show Daily, total space occupied by exhibitors in the three halls of the Las Vegas Convention Center, was the largest ever. Slightly more than 500,000 ft² of space is occupied for this Show. Stevens says that he doubts that any attendee could actually walk the entire show floor in three days. "It's way too much ground to cover without any direction."

To give attendees some needed direction, the Show floor is organized. For example, Building Automation and Controls exhibitors are grouped together in a single section. This niche of the industry is one where Stevens says he has seen the most growth over the years. Expansion of existing technologies is an area that Stevens says has tracked, and contributed to the growth of the Show.

To help attendees narrow their focus, and make the large Show more manageable, Stevens suggests using the Show's website (ahrexpo.com), as well as the Show's mobile app. Their included search functions enable users to find exactly what they are looking for.

"You can put together your own itinerary." This, he says, will give attendees "a fairly 'efficient' way to walk the Show and find the exhibitors showing the products one wants to see." The same, he says, applies to the numerous education sessions being offered at the Show.

Upcoming Events

Feb 21 Chapter Meeting

Joint Meeting with NMAEE - High Performance
Buildings 2
11:30am - 1:00pm
The Pit

Mar 21 Chapter Meeting

Joint Meeting with NMAEE - TBD
11:30am - 1:00pm
Pappadeaux

Apr 18 Chapter Meeting

Joint Meeting with NMAEE - TBD
11:30am - 1:00pm
Pappadeaux

[Click here for more info on our upcoming events](#)

2016-2017 Board of Governors

PresidentStephen Forner

President-Elect.....Jerry Hine

Treasurer.....Stacey Chan

Research.....Joseph Higham

Historian.....Gary Grange

Research (RVC).....Andrew Farrish

Membership.....Ryan Shaffer

Student Activities.....Douglas Brown

Grassroots Government....Trevor Keegan

Awards.....Rex Stockwell

Golf Tournament.....Allen Anaya

Membership Committee.....Ariel Nephew

Thank you to all our officers for volunteering their time and leadership for our chapter! Visit our website for their contact info.

In Other News...

Membership

Exciting news for the membership committee this month. Ariel Nephew of QA Engineering has graciously donated her time to serve as the Retention Chair for membership. Ariel is a recent graduate from the UNM mechanical engineering program. She learned about our

From the History Books

February 2006

President: Jason Moorhead

President-Elect: Deward Stegall

industry by taking the HVAC class (ME365) and has been able to quickly find a job after graduating, and through the donations that the ASHRAE membership made in supplying text books to the students was interested in working with the chapter now that she has begun her professional career. Please welcome Ariel to her new position and to our industry when you have an opportunity to meet her. Thank you for volunteering Ariel, we are all happy to have you on board.

Please remember if you have any colleagues and friends in the industry that are not currently part of the chapter, invite them to a meeting and introduce them around, there are many benefits to ASHRAE membership and we are always looking to add to the roster. Thank you all for your dedication to making the New Mexico chapter successful.

Contact Ryan Shaffer (ryan.shaffer@jci.com) for more details.

[Learn more about membership](#)

Secretary: Dan Beckley

Board Member #1: Dan Harmeyer

Board Member #2: JR Sunderman

The speaker for the evening was Gerald G. Dixon. He spoke about "Ten Tips to Surviving in a Litigious Society".

Young Engineers in ASHRAE

Look for the YEA Leadership Weekend and social activities announcement later this spring!

Student Activities

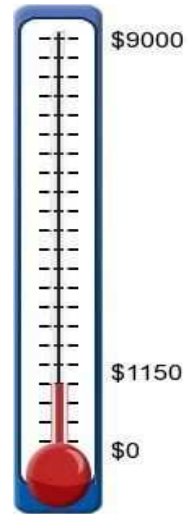
Look for the spring 2017 STEM day announcement!

Research Promotion Update

Major Donors \$250 - \$2,499
Yearout Mechanical & Engineering

Honor Roll \$100 - \$249

Allen Anaya
Stacey Chan
Michael Dexter
Andrew Farrish
Stephen Forner
Gary Grange
Joe Higham
Jerry Hine



Other Contributions
Scoggins Mechanical

Our goal for this year is \$9,000. I'm confident that our outstanding contributors can help us reach and surpass this goal. The cutoff for the 2016-2017 year is June 30, 2017, so there is still plenty of time to get your name on our list, or move your name up.

Full Circle is awarded to chapters where all officers contribute at least \$100 to Research Promotion. New Mexico received the Full Circle award for 2015-2016 and all officers have already made their contribution for 2016-2017.

Society News and Opportunities

ASHRAE Learning Institute

2017 Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

Phone: Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

One-part course (3 hours) \$284 (\$219 ASHRAE Member) --- Two-part course (6 hours) \$484 (\$359 ASHRAE Member)

Basics of High-Performance Building Design
Wednesday, February 8, 2017 – 1:00 p.m. to 4:00 p.m.

Designing Toward Net-Zero Energy Commercial Buildings
Tuesday, February 14, 2017 – 1:00 p.m. to 4:00 p.m.

ASHRAE Guideline 0: The Commissioning Process
Tuesday, February 21, 2017 – 1:00 p.m. to 4:00 p.m.

Commissioning Process & ASHRAE Standard 202
Monday, February 27, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Fundamental Requirements of Standard 62.1-2016
Thursday, March 9, 2017 – 1:00 p.m. to 4:00 p.m.

Commissioning Process in New and Existing Buildings
Part I: Monday, March 13, 2017 – 1:00 p.m. to 4:00 p.m.
Part II: Wednesday, March 15, 2017 – 1:00 p.m. to 4:00 p.m.

Design of Affordable & Efficient Ground Source Heat Pump Systems
Wednesday, March 29, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: Envelope/Lighting
Wednesday, April 5, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: HVAC/Mechanical
Tuesday, April 11, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: Appendix G
Tuesday, April 18, 2017 – 1:00 p.m. to 4:00 p.m.

Air-to-Air Energy Recovery Fundamentals
Wednesday, May 3, 2017 – 1:00 p.m. to 4:00 p.m.

Air-to-Air Energy Recovery Applications: Best Practices
Tuesday, May 9, 2017 – 1:00 p.m. to 4:00 p.m.

Humidity Control: Basic Principles, Loads and Equipment
Tuesday, June 13, 2017 – 1:00 p.m. to 4:00 p.m.

Humidity Control: Applications, Control Levels and Mold Avoidance
Tuesday, June 20, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs
Tuesday, July 11, 2017 – 1:00 p.m. to 4:00 p.m.

Advanced High-Performance Building Design
Wednesday, August 9, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Fundamental Requirements of Standard 62.1-2016
Wednesday, September 6, 2017 – 1:00 p.m. to 4:00 p.m.

Designing High-Performance Healthcare HVAC Systems
Tuesday, September 19, 2017 – 1:00 p.m. to 4:00 p.m.

Laboratory Design: The Basics and Beyond
Tuesday, October 10, 2017 – 1:00 p.m. to 4:00 p.m.

Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems
Monday, October 16, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016
Part I: Wednesday, November 1, 2017 – 1:00 p.m. to 4:00 p.m.
Part II: Tuesday, November 7, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs
Tuesday, December 5, 2017 – 1:00 p.m. to 4:00 p.m.

ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Dallas • Doha • Hartford • Toronto

HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

HVAC Design: Level II – Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register and learn how your Chapter can earn PAOE points.

Contact Karen Murray (kmurray@ashrae.org) to discuss scheduling ASHRAE HVAC Training in your Chapter.

5 Easy Steps to Earn and Maintain an ASHRAE Certification

1. Read the *Candidate Guidebook*

Visit www.ashrae.org/certification and download the guidebook for the program in which you are interested.

2. Complete the Application

Complete the online application at www.ashrae.org/certification. Membership in ASHRAE is not a requirement for certification.

3. Schedule an Examination

BCxP, BEAP, BEMP, HBDP, HFDP and OPMP examinations are offered at over 300 conveniently located computer-based testing centers worldwide. Candidates may schedule an examination appointment online or by telephone.

4. Review Available Resources

The *Candidate Guidebook* for a program identifies available resources, including practice exams, that may help candidates gain an understanding of the body of knowledge that the examination tests. Purchase of books or course registrations is not a prerequisite to taking any ASHRAE certification examination.

5. Renew the Certification

Each certification is renewable every three years. To retain certification, each certification holder must earn 45* Professional Development Hours (PDHs) during the three year period following initial certification or the last renewal.

*BCxP requires 50 PDHs.

Schedule an exam at one of over **300 testing centers** worldwide
TODAY!

To learn more or apply, please go to
www.ashrae.org/certification

More news at ashrae.org/news

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