



THIN-AIR BULLETIN

American Society of Heating, Refrigeration, and Air Conditioning Engineers NM Chapter Region IX Albuquerque, NM

October Meeting

President's Message

CHILLED BEAM Application in Hospital Patient Rooms

Abstract:

Presbyterian Healthcare System is embarking on the upgrade of its B&C Patient Towers originally constructed on its main Albuquerque campus in the 1960s. This phased renovation will replace all the mechanical/electrical/plumbing/fire protection systems, and will be undertaken on a floor-by-floor basis while the building remains occupied. Mr. Dexter will present the major challenges, the HVAC evaluation process, and the chilled beam system which will be provided to serve the patient rooms.

Bio:

Michael E. Dexter

Mike has practiced mechanical engineering in New Mexico and New York for over 30 years. He specializes in health care and central utility applications. Mike holds BS, MS and MBA degrees from UNM. He is registered as a professional engineer in mechanical and fire protection engineering. He serves as president of Bridgers & Paxton Consulting Engineers.

Dear ASHRAE Member,

The Balloons are here which means Fall is upon us. Your local chapter would like to welcome everyone to a new year of Chapter hosted lunch and learning. We will continue to meet at Pappadeaux Seafood Kitchen at lunch for the majority of the Year. We are also looking at a Social Event/Tour for our December meeting.

Thanks to the members who have made program topic suggestions and I would like to again encourage everyone else to let us know if there is a speaker or topic you would be interested in hearing this year.

The chapter would like to thank all of you that participated in our successful AHSRAE Golf Tournament this year.

Morgan Royce
President
2013-2014



WHEN: Tuesday October 22, 2013 at 11:45 am **COST:** \$20 Members, \$25 for Guests

WHERE: Pappadeaux Seafood Kitchen, 5011 Pan American West Fwy NE, Albuquerque, NM

RSVP to Erin Coffman by **Friday October 18th**. Email: Erin.M.Coffman@jci.com or Register Online at newmexicoashrae.org.

From the History Books

May 1973

President: Paul Arnold
President-Elect: Gary Mays
Secretary: J. O. Coupland
Treasurer: M. U. Grover



Four Seasons Motor Hotel – Albuquerque

The guest speaker was Frank Bridgers and his topic was “Energy Conservation for Albuquerque Public Schools”.

The Research Fund Chairman – Frank Bridgers – reported that the funds collected was at \$2,170.00.

The special guest at the April meeting was Bob Pagliasotti, Region IX Director. He discussed the state of the Region and invited all members to attend the upcoming CRC in Denver.

The ASHRAE-CSI-AIA golf tournament is scheduled for June 8th. The event will be at the Paradise Hills Country Club.



ASHRAE NM 2013 Golf Tournament

On September 27, 2013 the chapter held our annual golf tournament at Sandia Golf Club. The tournament is our fundraiser of the year with the majority of the proceeds being used to promote the HVAC industry to our community at large, not only the local chapter members but also to students in both the K-12 and collegiate levels. This year was again an early Golf start and it continues to be a success! There were a total of 12 teams this year. First places honors going to the Socha Company team composed of: Mike Mauchline, Wayne Yevoli, Cody Hanna and David Hassard. The NM Chapter of ASHRAE would like to thank all those who participated and especially to the prize donors, hole sponsors & beverage sponsors:

EEST Inc.
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NM Sheet Metal Contractors Association
Bridgers and Paxton Consulting Engineers
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Johnson Controls Inc.
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Captive Aire
Socha Company
Titus
Southwest Trane
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CAC

Again, thank you to everyone who participated, and special thanks to Sandia Golf Club for being such a great host. We ask for feedback on the event in order to help make next year an even better tournament! Email Stephen Forner at Stephen.Forner@trane.com or Morgan Royce at mbroyce@bgce.com.

ASHRAE Conferences 2013-2014

Attend to See What's New, Learn New Skills, Earn PDHs, Network with Peers

ASHRAE IAQ 2013: Environmental Health in Low Energy Buildings

Oct. 15-18, 2013 | Vancouver, BC, Canada

www.ashrae.org/IAQ2013

Comprehensive overview presented via papers.

Co-organizer:



ASHRAE 2014 Winter Conference

Jan. 18-22, 2014 | New York, NY

Jan. 21-23, 2014 | AHR Expo

www.ashrae.org/newyork

Bookstore Sponsor:



First International Conference on Energy and Indoor Environment for Hot Climates

Feb. 24-26, 2014 | Doha, Qatar

www.ashrae.org/hotclimates

Papers focused on arid and humid hot climates.

Organized by:



Qatar Environment & Energy
Research Institute

Member of Qatar Foundation

ASHRAE Qatar Oryx Chapter

Co-sponsor:



Gold sponsor:



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High Performance Buildings Conference

April 7-8, 2014 | San Francisco, Calif.

www.hpbmagazine.org/hpb2014

State-of-the-industry presentations



Efficient, High Performance Buildings for Developing Economies

April 24-25, 2014 | Manila, Philippines

www.ashrae.org/Developing2014

First ASHRAE conference on this topic.

Organized by:



Co-sponsor:



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ASHRAE 2014 Annual Conference

June 28-July 2, 2014 | Seattle, Wash.

www.ashrae.org/seattle

2nd Annual Research Summit presented.

2014 ASHRAE/IBPSA-USA Building Simulation Conference

Sept. 10-12, 2014 | Atlanta, Ga.

www.ashrae.org/Simulation2014

Single collaboration of Energy Modeling and SimBuild Conferences.

Organized by:



Get Updated on Current Trends and Make Industry Connections at an ASHRAE Conference!

www.ashrae.org/conferences



Society News Release

October 8, 2013

ASHRAE, AHR Expo Return to New York City for 2014 Winter Conference

ATLANTA— New York City's iconic skyline serves as the perfect backdrop for the 2014 ASHRAE Winter Conference. With a special focus on the design, development and operation of tall buildings, the Conference's Technical Program examines themes relevant to NYC, as well as the basics of HVAC systems, refrigeration and many other topics significant to the building industry.

The 2014 Winter Conference takes place Jan. 18-22 at the New York Hilton. To register and for complete Conference information, visit www.ashrae.org/newyork.

The International Air-Conditioning, Heating, Refrigerating Expo®, held in conjunction with the Winter Conference, runs Jan. 21-23. The Expo, held at the Javits Convention Center, takes place Tuesday, Wednesday, Thursday as opposed to the traditional Monday, Tuesday, Wednesday. More information is available at www.ahrexpo.com.

More than 100 New York PDHs, AIA LUs, PDHs and LEED AP credits are available through ASHRAE Learning Institute courses and Technical Program sessions.

The Technical Program features more than 200 sessions addressing building information systems; hydronic system design; improving building performance; indoor environmental air health/IEQ; refrigeration; HVAC&R systems and equipment; and HVAC&R fundamentals and application.

Two particular tracks of note are Tall Buildings, which examines opportunities in the design, development and operation of tall and super-tall buildings, and International Design, addressing innovative design strategies to meet environmental elements, geography and cultures.

Also, choose from 23 Professional Development Seminars and Short Courses to help you stay current on HVAC trends. The ASHRAE Learning Institute offers new updates to Standards 90.1 and 62.1, in addition to 11 new courses that include Standard 55, building enclosure commissioning, electric rates and regulations, health care facilities, building energy audits and ground source heat pumps. ALI courses are approved for renewal of professional engineer and professional architect licenses, as well as for industry certification programs. For a list of all courses, visit www.ashrae.org/newyorkcourses.

Additionally, ASHRAE offers a special administration of all six certification examinations on Thursday, Jan. 23: Building Energy Assessment Professional (BEAP), Building Energy Modeling Professional (BEMP), Commissioning Process Management Professional (CPMP), High-Performance Building Design Professional (HBDP), Healthcare Facility Design Professional (HFDP) and Operations & Performance Management Professional (OPMP). More information on each certification can be found at www.ashrae.org/certification.

ASHRAE Conference technical tours give you a first-hand look at technology developed by members to further the industry. Tours include the Tishman Speyer Rockefeller Center central refrigeration plant, building management system and ice storage facility; the cogeneration project at One Penn Plaza; and the cooling system of the New York Hilton, to name just a few.

The Conference's Plenary will feature Mark Sanborn, president of Sanborn & Associates, Inc., an idea lab for leadership development. In addition to his experience leading at a local and national level, Sanborn has written or co-authored eight books, and is the author of more than two dozen videos and audio training programs on leadership, change, teamwork and customer service. He has presented over 2,400 speeches and seminars in every state and a dozen countries. The Plenary takes place on Saturday, Jan. 18.

ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow's built environment today.
