



Thin Air Bulletin

April 2018

April Meeting Announcement

Join us for a joint IFMA/ASHRAE meeting on Tuesday April 17. The topic is "How to Implement Demand Control Ventilation and Comply with ASHRAE Standards" by ASHRAE Distinguished Lecturer Hoy Bohanon, PE.

Date: Tuesday, April 17, 2018

Time: 11:30am - 1:00pm

Location: [Pappadeaux Kitchen](#)

Cost: \$25 (IFMA or ASHARE members), \$30 (guests)

[Register for the Albuquerque meeting here.](#)

A repeat presentation will be held in Los Alamos on Tuesday, April 17 from 5:30pm - 7:00pm.

Location is Project Y Los Alamos (150 Central Park Square). [Register for the Los Alamos meeting here.](#)

Presentation Info

ASHRAE standards 90.1 and 189P require demand control ventilation in some instances. ASHRAE standard 62.1 allows demand control ventilation but places restrictions on its application. Many existing installations do not comply with the requirements of ASHRAE Standard 62.1. What is required and what strategies and technologies can be used to meet the requirements of the all the standards?

GBCI Approved | 1 CE Hour | 0920010384

AIA Approved | 1 LU/HSW | BOHANON02

Speaker Bio

Hoy Bohanon, PE, LEED AP, BEAP is principal in Hoy Bohanon Engineering, PLLC, a firm that focuses on improving the performance of existing mission critical buildings. Mr. Bohanon has written technical papers and articles on indoor air quality, operations, and maintenance and is a frequent presenter at technical society meetings. He is a recipient of the ASHRAE Distinguished Service Award and is chair of ASHRAE Standard 62.1 committee, *Ventilation for Acceptable Indoor Air Quality*. He also serves on the bEQ committee,. He is chair of the US Technical Advisory Group panel 1 (general principles) and panel 4 (indoor air quality) for ISO

TC205 *Building Environment Design*. He is a co-author of *The Indoor Air Quality Guide: Best Practices for Design, Construction and Commissioning* and *Performance Metric Protocols for Commercial Buildings: Best Practices Guide*. He also teaches multiple courses for the ASHRAE Learning Institute addressing ASHRAE 62.1 and IAQ. Mr. Bohanon is also a member of the Professional Engineers of North Carolina, US Green Building Council, and I2SL.

Distinguished Lecturer Program

The purpose of the ASHRAE Distinguished Lecturers (DL) Program is to provide ASHRAE Chapters with lecturers equipped to speak on relevant subjects of interest to ASHRAE members and guests without incurring huge costs by covering travel expenses to and from the host city. Distinguished Lecturers are nominated by ASHRAE members and presentations are evaluated. The Distinguished Lecturer Program is supervised by the Chapter Technology Transfer Committee. For the 2017-18 Society Year, 195 visits are allocated to the 15 ASHRAE Regions. The CTTC Regional Vice Chair for each Region allocates visits to the Chapters.

Message from the President

Dear New Mexico ASHRAE members,

Happy spring! Easter's in the rearview and summer's straight ahead. There are only a couple more Chapter meetings before our summer break, and I will finish my term as your chapter president. It has been a great ride.

Thank you for attending March's chapter meeting on occupant discomfort and reduced productivity in energy-saving applications. The luncheon was well attended, and there was a lot of enthusiasm about the topic. I think all that attended gained a better insight into the pitfalls of reduced comfort and productivity.

Our April meeting will address demand controlled ventilation systems and it's compliance with ASHRAE standards. The meeting, featuring ASHRAE Distinguished Lecturer Hoy Bohanon, will be held April 17th at 11:30 at Pappadeux. This will be a joint meeting with IFMA. Thank you for your support of ASHRAE. I will see all of you all at the chapter meeting.

Please feel free to contact me at jhine@siglers.com with any questions, ideas, suggestions and input you might have regarding anything and everything ASHRAE.

Sincerely,

Jerry Hine,P.E.

New Mexico Chapter President

2017-2018

Watch the ASHRAE Webcast with Us

The Chapter will be hosting an On-Demand session of the 2018 ASHRAE Webcast titled "Making Energy Efficiency a Reality." This is a free event and will provide viewers with 3 PDHs. Light refreshments will be served.

Thursday, April 26, 2:00pm - 5:00pm

CNM Advanced Technology Center, Room 108 (4700 Alameda Blvd NE)

[More info or RSVP here.](#)

Save the Date!

2018 ASHRAE Golf Tournament

Friday, September 14

Sponsorships Available.

Upcoming Events

April 17 Chapter Meeting, Joint meeting with IFMA

Distinguished Lecturer Hoy Bohanon

How to Implement Demand Control Ventilation and Comply with ASHRAE Stds

11:30am – 1:00pm

Pappadeux Kitchen

April 17 Los Alamos Meeting

Distinguished Lecturer Hoy Bohanon

How to Implement Demand Control Ventilation and Comply with ASHRAE Stds (Repeat)

5:30pm – 7:00pm

Project Y Los Alamos, 150 Central Park Square

April 26 ASHRAE Webcast

Making Energy Efficiency a Reality

2:00pm - 5:00pm

CNM Advanced Technology Center, Room 108 (4700 Alameda Blvd NE)

May 15 Chapter Meeting

Distinguished Lecturer Pat Graef

ANSI/ASHRAE 188-2015 Legionellosis: Risk Management for Building Water Systems

5:30pm - 7:00 pm

Pappadeux Kitchen

May 16 Chapter Meeting

Distinguished Lecturer Pat Graef

ANSI/ASHRAE 188-2015 Legionellosis: Risk Management for Building Water Systems (Repeat)

11:30am - 1:00 pm

Location TBD

In Other News...

Membership

Please take the opportunity to invite someone that you feel would benefit from ASHRAE meetings. We have an interesting guest speaker in Hoy Bohanon, and would love to see some new faces at the meeting.

YEA and Student Activities

Thank you for those who volunteered to judge last month's Science Fair. The event was a great opportunity to see the growth of the science & engineering field. Within the hundreds of projects, 2 were chosen as the ASHRAE NM winners. The Junior category winner was project called "Evaporation Sensation", researched and presented by a young gentleman by the name of Mark Stotzer. Mark researched the science and engineering behind evaporation and used a number of swamp cooler pads with a mixture of different liquids in order to maximize the cooling efficiency of the cooler.

The Senior category winner was a project called "Home of the Future", researched and presented by two high schools students, Conner Kohen and Brittany Everett. Conner and Brittany used the integration of Bluetooth programming within a domestic home setting to help conserve energy usage. Using smartphones, wifi and a Bluetooth hub, the user is able to leave a room without the need to turn off lights as they go. This comes in handy when occupants forget to turn off lights and various other electronic devices while out of the house, consequently saving money on electric bills.

Our winners will be invited to our May Chapter meeting in Albuquerque.

Grassroots Government Advocacy

Hello New Mexico Chapter,

I hope everyone is having a fantastic year so far. Here are some articles I would like to share with you all, regarding what is happening in our state.

New Mexico School for Arts has broken ground and will be starting phase 1. This 72,668 square foot campus will bring lots of opportunity to integrate our experience designing HVAC systems.

See article here: <https://www.bizjournals.com/albuquerque/news/2018/03/19/30-million-phase-for-new-mexico-school-for-the.html>

UNM will be integrating a new building consisting of labs, offices, and classrooms. As we all know, these projects require special HVAC equipment to operate safely and efficiently. This is a great opportunity for us to apply our knowledge.

See article here: <https://www.bizjournals.com/albuquerque/news/2018/03/13/unm-set-to-break-ground-on-65-million-project.html>

Have a great week, Everyone!

Sincerely,
Alex Quintero

New Mexico Chapter GGAC
2017-2018

History: Septmeber 1978

Chapter Officers were:

- President: Michael Slaman
- President-Elect: Al Guera
- Secretary: Harold Trujillo
- Treasurer: Steve Willard

Everett W. Heinonen was the speaker for this meeting. Mr. Heinonen spoke about work being conducted to develop alternatives and substitutes for halon fire extinguishing agents, whose production had been banned since the end of 1993 due to concerns over atmospheric ozone depletion.

The New Mexico Chapter sponsored a Refrigeration Certification Seminar which incorporated both the instructional and test for universal technician category as mandated by the EPA Section 608.

Local Job Listings

Job Title: Plumbing Engineer

Company Name: Bridgers & Paxton Consulting Engineers, Inc.

Website Link: www.bpce.com

Contact Information: Employee Services

Seeking qualified Plumbing Engineers/Designers for its Albuquerque Office 3-20 years experience in plumbing piping design or engineering for commercial, industrial, medical, and laboratory facilities, proficient with ACAD MEP and/or Revit, and a team player. Submit cover letter and resume on www.bpce.com B&P offers competitive salaries and benefits as well as 4 ½ day work weeks in a progressive, cooperative, and friendly atmosphere.

Job Title: Mechanical Engineer

Company Name: Bridgers & Paxton Consulting Engineers, Inc.

Website Link www.bpce.com

Contact Information: Employee Services

Seeking a Mechanical Engineer with 8 plus years of experience in the design of building mechanical systems. Successful candidate must be capable of obtaining and maintaining a security clearance. Design experience with office and laboratory systems desired. Work may

include new facility design, major renovation, and operations and maintenance type equipment replacement. Energy modeling, LEED, and REVIT/Microstation experience a plus. Submit cover letter and resume on www.bpce.com B&P offers competitive salaries and benefits as well as 4 ½ day work weeks in a progressive, cooperative, and friendly atmosphere.

For info on how to submit a job listing, refer to newmexicoashrae.org/jobs

Annual IFMA NM Spring Conference

Annual International Facilities Management Association (IFMA) New Mexico Spring Conference

Whether you are tenured in your position or new to your role, this year's conference has something for everyone.

Albuquerque, NM: The NM chapter of IFMA presents another exciting Spring Conference with our signature innovative approach to FM issues. ***Raising the Bar: Operational Excellence and Strategic Impact in Facility Management.*** Top experts will show how you can become a strategic player in your organization.

"This year's conference will have something for everyone who has interest in the *built environment*," said Peggy Baca, Director and Spring Conference Chair, IFMA NM.

Baca added, "You will have the opportunity to learn from top experts about current trends and developments that can impact your facility and career. Our presenters will cover *key core* IFMA competencies: leadership & strategy, human factor, operations & maintenance, finance & business, & technology. I encourage you to register today to ensure that you have the tools you need to address what matters with insight and innovation. I look forward to seeing you at this eagerly anticipated event!"

Date: Friday, April 20, 2018

Time: 8:00 am – 3:30 pm

Where: Sandia Resort and Casino

Member price - First 20 sold \$99; thereafter \$129

Non-Member price - First 20 sold \$129; thereafter \$159

Conference speakers:

- John Freisinger, Executive Director, Innovate ABQ – Conference Keynote
- Randy Sanchez, General Manager, Coronado Center

- Katie Snapp, Owner, Better-Leadership Professional Development & Embedded Quality Professional at Sandia National Labs
- Alfred Sena, Director, UNM Physical Plant
- Ted Ritter, Principal LMI360, Co-Founder of DrawAlert

About IFMA: Founded in 1980, [IFMA](#) is the world's largest and most widely recognized international association for facility management professionals, supporting 24,000 members in more than 100 countries. The [NM Chapter of IFMA](#) inspires strong alliances for collaboration & education that improve the Facility Management community & those who support it.

LEED Green Associate Training

"Leading Green" has invited ASHRAE members and friends to a LEED Green Associate Training on UNM Campus. See below for more info.

When: April 12th 2018 – 6:00PM to 10:00 PM

Where: University of New Mexico – George Pearl Hall - Room P139

Registration: <https://leadinggreen.com/unewmexico/>

Early-Bird Cost: \$300 (\$200 for full time students)

ASHRAE Summer Conference



Houston, Texas | June 23 - 27, 2018

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