



Thin Air Bulletin

January 2018

January Meeting Announcement

Join us for our first meeting of the year. Topic is "**The Essential Role of Indoor Air Quality on Patient Outcomes:**" by Dr. Stephanie Taylor, MD.

Date: Tuesday, January 16, 2018

Time: 11:30am - 1:00pm

Location: [Pappadeaux Kitchen](#)

Cost: \$25 (members), \$30 (guests)

[Click here to register online.](#)

Presentation Info

The intersection of Indoor Air Quality (IAQ) and occupant health or disease is one of the least understood subjects in the field of public health, due to the lack of medical research on IAQ and health. Two significant trends are occurring in this century: people spend more and more time indoors, and the incidence of chronic disease is higher than ever before. Are these two factors related? If so, how can indoor air management support occupant health and not promote chronic illnesses?

In this presentation, we will accomplish the following:

- 1 - Understand the current Indoor Air Quality environment
- 2 - Present New Research findings on the relationship between indoor air management and patient infections in hospitals. Micro-biome Study will be presented with new data. (in press 2017)
- 3 - Review existing studies on IAQ and occupant health
- 4 - Review solutions to improve IAQ and maximize Patient outcomes in Healthcare facilities

Speaker Bio

Dr. Stephanie Taylor received her MD from Harvard Medical School, Boston, Massachusetts in 1984. For the next several decades, she practiced clinical medicine and did academic research in cellular growth mechanisms. Dr. Taylor then went back to school for a Master's Degree in Architecture and Engineering from Norwich University in Northfield, Vermont and worked several

years in an architecture firm which focused on hospital design. She is the founder of Taylor Healthcare Commissioning, Inc., a consulting company that specializes in designing, building and maintaining hospitals and other commercial buildings for optimal occupant safety.

Message from the President

Dear New Mexico ASHRAE members:

As we now find ourselves in 2018, I would like to wish all of you a prosperous and joyous year.

The ASHRAE Winter Conference and AHR Expo is January 20-24 in Chicago. There will be over 2,000 exhibitors at this year's Expo. Plus, you will have the opportunity to interact with thousands of HVACR professionals and experience the conference seminars. Please make plans to attend, if you are able.

YEA Leadership weekend registration is open for March 23-25, 2018 in Seattle. Space is still available for young engineers interested in a leadership role in their chapter, region or society. Attendees at the winter conference should check out the Young Engineers in ASHRAE (YEA) Hospitality Suite on Sunday, January 21 from 4-6 p.m. The suite offers social networking and refreshments will be served. Please send me an email if you would like more information on these YEA events.

As always, you can 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

December Presentation Available

The December presentation, "Path to Zero Energy Buildings" by NREL engineer Paul Torcellini is now available on our website at newmexicoashrae.org/links. Thank you all who attended the meeting and made it a success. Also a special thank you to NMAEE for co-hosting the joint meeting.

Upcoming Events

Jan 16 Chapter Meeting

The Role of IAQ and Patient Outcomes

11:30am – 1:00pm

Pappadeux Kitchen

Feb 20 Chapter Meeting

Understanding HVAC and Plant Dynamics

11:30am – 1:00pm

Pappadeux Kitchen

Feb 21 Los Alamos Meeting

Understanding HVAC and Plant Dynamics (Repeat)

11:30am – 1:00pm

Location TBA

March 20 Chapter Meeting

Distinguished Lecturer Dan Int-Hout

You Can't Afford Discomfort

11:30am – 1:00pm

Pappadeux Kitchen

March 21 Los Alamos Meeting

Distinguished Lecturer Dan Int-Hout

You Can't Afford Discomfort (Repeat)

11:30am – 1:00pm

Location TBA

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

Location TBA

In Other News...

History: October 1990

Chapter Officers were:

- President: Bruce Davis
- President-Elect: John Grapsas
- Secretary: Steve Maggert
- Treasurer: Mike Slaman

The program was "What's Going on in Washington" featuring John Ehrlichman, former council to the President of the United States. The meeting was held at the Bishop's Lodge near Santa Fe for both Albuquerque and Santa Fe members and guests.

Grassroots Government Advocacy Committee

Happy New Year NM Chapter!

New year, new projects! Albuquerque is looking at 45 different projects to be completed in 2018; An excellent opportunity for us to promote ASHRAE standards along with opening doors to our HVAC industry.

Find article here

<https://www.bizjournals.com/albuquerque/news/2017/12/28/these-construction-projects-are-expected-to-be.html>

Big things ahead, AMREP has big plans for the Rio Rancho area; this being a new movie theater along with a retail development. This means, more HVAC!

Find article here:

<https://www.bizjournals.com/albuquerque/news/2017/12/18/developers-pitch-for-new-theater-retail-project.html>

Respectfully,
Alex Quintero
Grassroots Government Advocacy Chair
ASHRAE NM Chapter

Local Job Listings

Job Title: Mechanical Engineer

Company Name: WHPacific, Inc.

Website Link: www.whpacific.com

Seeking qualified Mechanical Engineers for its Albuquerque Office 5-10 years experience in HVAC design or engineering for commercial and industrial facilities, proficient with ACAD MEP and/or Revit, and a team player. New Mexico PE preferred. Submit cover letter and resume on www.whpacific.com . WHPacific offers competitive salaries and benefits.

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

2018 ASHRAE Winter Conference and AHR Expo

Society News and Opportunities

[ASHRAE Launches New Building Energy Quotient Portal](#)

[ASHRAE Offers Free Residential and Refrigerants "Mini-Tracks" at AHR Expo](#)

[ASHRAE Earns Prestigious UN Environment Award for Dedication in Advancing Montreal Protocol](#)

[ASHRAE Publishes 2017 Version of Standard 55](#)

More news at ashrae.org/news

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