



Thin Air Bulletin

September 2017

September Meeting Announcement

Join us for our first chapter meeting of the 2017-2018 year! Scott Atwater will present his lecture "Data Center Design" at this month's meeting.

Date: Tuesday, September 19, 2017

Time: 11:30am - 1:00pm

Location: [Pappadeaux Kitchen](#)

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

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

Dear New Mexico ASHRAE members:

I hope you had a fantastic Labor Day weekend. Labor Day signifies the end of summer and the inevitable start of fall. As such, it presents the opportunity to reflect, as well as look forward to the upcoming 2017-2018 ASHRAE year.

This summer saw a unique YEA event July 22 at the Albuquerque Ninja Park, where our young engineer members were able to try their hand at skills challenges such as the warped wall and jumping spider. It was a fun and interesting team-building event. The region IX Chapters' Regional Conference was held August 2-5 in Kansas City. The New Mexico chapter was well represented at the conference. Plans are in the works for a joint 2019 CRC in San Diego, to be co-sponsored by our New Mexico chapter and the San Diego chapter of Region X.

September events include the New Mexico ASHRAE 2017 annual golf tournament, September 15 at the UNM Championship Course. Sponsorships are still available. Please help support our New Mexico Chapter and come out and have a little fun teeing it up with your fellow members. Our first chapter luncheon is scheduled for September 19 at Pappadeaux Seafood Kitchen. The topic will be Data Center Design. The 2018 ASHRAE Winter conference and AHR Expo will be held in Chicago

this year, January 20-24. The 2018 Expo will host more than 2,000 exhibitors and 65,000 industry professionals.

Thank you for joining me in ushering in the 2017-2018 ASHRAE year, and making it a huge success. Please feel free to contact me at jhine@siglers.com with any questions, ideas, suggestions and input you might have to help us along this path.

Sincerely,

Jerry Hine, P.E.

New Mexico Chapter President

2017-2018

Upcoming Events

Annual Golf Tournament Fund Raiser Announcement

Sign up now!!!!!!

Friday September 15th, 2017

7:30am Shotgun Start

Join us for our annual golf tournament! Our golf tournament is our only fundraiser for the year, providing for speakers, student activities, scholarships, and leadership and professional development opportunities. All participation and sponsorships are greatly appreciated! A big thank you to our sponsors this year:

- **Title Sponsor: Daikin Applied / Varitec and Daikin AC**
- Gold Sponsor: Mechanical Representatives
- Silver Sponsor: Bridgers and Paxton Engineering, Engineering Equipment Sales & Testing, Norman S. Wright Co.
- Beverage Sponsors: BG Buildingworks, Miller Bonded Inc, Sigler, Testudo Engineering, Therm Air Systems
- Hole Sponsors: AC New Mexico, ArSed Engineering Group, Boyd Engineering, CAC Inc, Champion Cooler (Spec Air), Desert Aire and Varitec, Johnstone Supply, Loren Cook, Mitsubishi Electric, Panasonic, RenewAire, Scoggin Mechanical, Siemens, Socha Company, Titus, Trane, York

Player Registration still available. \$115 per person or \$460 per team. Register online here: [2017 Annual Golf Tournament - Player Registration](#)

Thank You to everyone who participated in making last year's tournament successful. We are looking to make this year more successful; thus if you have any comments, please feel free to contact me or anyone else on the board.

Allen Anaya
505-385-7338
allena@varitecsolutions.com

Upcoming Meetings

Sept 19 Chapter Meeting

Data Center Design

11:30am – 1:00pm

Pappadeux Kitchen

Oct 17 Chapter Meeting

Ethics

11:30am – 2:00pm

Pappadeux Kitchen

Nov 14 Chapter Meeting

Meteorology and Climate of New Mexico

11:30am – 1:00pm

Pappadeux Kitchen

Dec 19 Chapter Meeting

Zero Energy Building Design

11:30am – 1:00pm

Location TBA

In Other News...

Membership

The membership committee would like to recognize the following new members:

- Camille Bryant
- Jason Hebert
- Alex Quintero
- Jacob Maestas

Please congratulate the following members on their membership advancement

- Byron Smith (Associate to Member)
- Ariel Nephew (Student to Associate)

The committee is currently looking to fill positions for recruitment and retention, if you are interested please contact Ryan Shaffer either on the phone at 505-382-8310 or by email at Ryan.Shaffer@jci.com

Grassroots Government Advocacy

My name is Alex Quintero, I have volunteered as the new Grassroots Government Advocacy Chair (GGAC) for our New Mexico ASHRAE chapter. I hope to be a good contribution to our chapter. Following, are two articles with links that relate to the HVAC industry in our community.

New Mexico is rated one of the top states for growing construction and has been on the top since 2009. Expectations are not clear since there's constant fluctuation in the market, but there definitely seems to be multiple projects coming together in fields such as healthcare and data centers, which means more HVAC jobs in our state.

<https://www.usnews.com/news/best-states/new-mexico/articles/2017-05-03/construction-industry-booms-in-new-mexico>

New Mexico has had a 3.4% increase in jobs and renovations since the 2008 recession. The University of New Mexico and Albuquerque Public Schools are two big contributors in implementing HVAC technology to operate buildings more efficiently. Find a link here:

<https://www.bizjournals.com/albuquerque/news/2017/08/03/see-over-112m-of-aps-latest-construction-projects.html>

Sincerely,
Alex Quintero

New Mexico Chapter GGAC
2017-2018

History: September 1978

Chapter Officers were:

- President: Jerry Tankersley
- President-Elect: Larry Hood
- Secretary: Pete Golwas
- Treasurer: David Summers

David Summers was the speaker for the evening. He spoke about "The Realities of the Nuclear Fuel Cycle." He presented a down-to-earth picture of the full cycle from mining of the uranium ore, its milling, processing, use in power plants, final storage and disposal of the spent fuel.

2017-2018 Board of Governors and Committee Chairs

PresidentJerry Hine
President-Elect.....Stacey Chan
Treasurer.....Trevor Keegan
Research Promotions.....Stephen Forner
Historian.....Gary Grange
CRC Chairperson.....Joe Higham
Membership.....Ryan Shaffer
Student Activities.....Ariel Nephew
Grassroots Government.....Alex Quintero
Awards.....Rex Stockwell
Golf Tournament.....Allen Anaya
Electronic Communication...Clay Andrews

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

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

Learning 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)**

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! Variable Refrigerant Flow System: Design & Application
Wednesday, November 29, 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 & Operation Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Columbus • Denver • Dubai

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 area.

Society News and Opportunities

[HVAC Design and Operations Training](#)

[2017 Online Course Series](#)

[Registration Open for 2017 Chapter Regional Conference \(CRC\) Region IX : Kansas City, MO](#)

More news at ashrae.org/news

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Contact email: newmexicoashrae@gmail.com

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