

Central PA ASHRAE Newsletter

October 2018

Central Pennsylvania ASHRAE

Centralpaashrae.com

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“To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.”

Welcome to Fall in Central PA!

By Lindsey King

Every year at this time I think how did another summer go by? I get stuck in a “what’s next” mindset, and very rarely slow down enough to reflect on how I’ve gotten where I am.

As important as it is to look forward, I think it is just as important to remember how we’ve gotten to where we are today. It’s important to recognize the leaders that built the industry into what it is. I’m grateful to the people that have become before me, to those whose designs I use every day, to those who mentor me, encourage me, or just are a pleasure to listen to.

Isaac Newton once said, “If I have seen a little further it is by standing on the shoulders of giants.”

We celebrate these giants in October at our Historical and Past Presidents Night. All Past Presidents’ dinners are free as our way of recognizing you for being an active part of this chapter’s history.

Our topic for the month will be on Water Treatment (details on page 2).

All the best,

Lindsey
2018/2019 Central Pennsylvania ASHRAE President

Water Treatment Fundamentals

*Presented by Jon Cohen
Technical Staff Consultant at ChemTreat*

Water treatment is used in most industries to provide protection for critical water using system components. These systems range from HVAC systems to heavy industrial processes. The basic principles of water treatment are to prevent scale, corrosion and microbial fouling. In addition, properly treated water systems are more energy efficient and environmentally friendly. This seminar will outline the basics of water treatment, components of water treatment and key performance indicators for water treatment programs.

Jon is a Technical Staff Consultant with ChemTreat, Inc. located in Richmond Virginia. He has over 25 years of professional experience in all aspects of water treatment.

Jon has authored papers for and made presentations at various trade organizations including: ASHRAE, CTI, WaterReuse, Fuel and Ethanol Workshop and NASA.

Jon is a member of several ASHRAE Standards committees including AHSRAE/ANSI 188-2015, ASHRAE 191P and ASHRAE 64 and also active on the committees writing ASHRAE Guideline 12 and CTI Guideline 159 on Legionella. He is also active on ASHRAE society level committees, current Vice Chair of the Conferences and Exposition committee, ASHRAE technical committees, CTI Technical Committees and a current member of the Board of Directors for CTI.

Jon has a B.A. in Biology from Drake University, a M.S in Chemical Engineering from the University of Illinois Chicago and an M.B.A. from Northern Illinois University. He also holds the LEED AP and CWT designations.

**Come join us at the Red Lion Inn on Tuesday 10/23/18 from 5:00-8:00 PM!
4751 Lindle Rd. Harrisburg, PA 17111**

**Members Online \$32
Members via Cash or Check \$30
Students and Retirees \$5
Life Members FREE**

Add \$10 for Non-member Registration and \$5 if no RSVP

**Please RSVP online at centralpaashrae.com
Or to Bradley Willis at presidentelect@centralpaashrae.com**

**Do you have additional program ideas or want to provide feedback?
Please fill out the following survey: <https://goo.gl/forms/jdeBQ6CgXdk45frY2>**

If you were able to attend the September meeting, you will remember a commitment to post Chris Mathis' slides on the website. We have received the slides and they will be posted to the website soon under Member Area.



Research Promotion!

Are you interested in supporting ASHRAE or just want to know more about it?
Reach out to president@centralpaashrae.com



PA Day on the Hill

Our Day on the Hill was so successful that they have asked for a repeat performance. Please let me know at president@centralpapresident.com if this is something you'd be interested in.



Student Activities

As with every year, Central PA ASHRAE supports local student activities that encourage STEM (Science, Technology, Engineering and Math).

So far this year:

We have partnered with the ACE Mentoring program in Cumberland County, where students learn by doing in various projects ranging from measurement and verification to plumbing design.

We sponsored the Future City Program where students imagine, research, design and build cities of the future.

Are you doing anything to promote STEM, let us know about it!



Students with their Future City!



ACE Students on HVAC Plumbing Activity Night 2017!



Volunteers about to hand out awards at the 2017 Future Cities Competition!

Society Update:

Winter Conference Registration is now open!

Reach out to president@centralpaashrae.com if you have any questions about what the conference offers.

Go here to sign up!

<https://www.ashrae.org/conferences/winter-conference>



See below for top ASHRAE news and Events:

ASHRAE News

Top News ASHRAE Realigns Relationship with IAQA ▶

Top News ASHRAE Learning Institute Announces Course Offerings for 2019 Winter Conference in Atlanta ▶

Top News ASHRAE Launches Online Standards Review Database ▶

Top News Registration Opens for the 2019 ASHRAE Winter Conference ▶

Top News ASHRAE Announces 2018–2019 Student Scholarship Recipients ▶

ASHRAE Events

15-19 Oct Minneapolis, MN ASHRAE HVAC Design Training ▶

19-21 Oct Belgrade, SRB Young Engineers in ASHRAE (YEA) Leadership International ▶

29 Oct Online ASHRAE Instructor-Led Online Course: High-Performance Building Design: Applications and Future Trends ▶

2-4 Nov Portland, ME Young Engineers in ASHRAE (YEA) Leadership Weekend ▶

6 Nov Online ASHRAE Instructor-Led Online Course: Complying with ASHRAE Standard 90.1-2013: HVAC/Mechanical ▶

Mark your Calendars!

October Meeting Thursday 10/23 Water Treatment 101

Red Lion Inn, Harrisburg PA

3:30 Board Mtg; 5:00 Happy Hour

November Meeting.

Energy Conservation Forum

Armstrong in Lancaster; ~4-9PM

