



Johnstown ASHRAE October 2017 Meeting

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- o Date: Tuesday, October 10, 2017
 - o Location: Boulevard Grill
(165 Southmont Blvd, Johnstown, PA 15905)
 - o Speaker: Mark Pfeifer, P.E., LEED AP BD+C
 - Topic: **Efficient Cooling Tower Operation**
 - Efficient Cooling Tower Operation
 - Cooling Tower Primer
 - Cooling Tower Energy Savers
 - o VFD's
 - o Cooling Tower Efficiency
 - System Design Energy Savers
 - o Optimize cold water set point
 - o Variable Flow
 - o Free Cooling
 - Water Savers
 - o Increase cycles of concentration
 - o Condensate Recovery
 - Performance Closer – Maintenance
- o RSVP
- o by October 6, 2017
- o Cost: \$25 per Person
- o Time: 5-6 pm: Social Hour
6-8:00 pm: Dinner/Presentation

Prepay and RSVP from our website

Speaker Bio

Mark Pfeifer, P.E., LEED AP BD+C

Overland Park, KS, SPX Cooling Technologies.

Mark holds a BSME in Mechanical Engineering from Kansas State University, is a registered Professional Engineer in the State of Kansas and is a LEED accredited professional. His cooling tower career spans more than 25 years in various roles including materials engineering, proposal management and applications engineering. In his recent role Mark manages the Technical Services department providing technical support for sales representatives and customers. Mark is a member of ASHRAE and USGBC.

Mr. Pfeifer has done numerous presentations to engineers, architects and contractors on the subject of cooling towers and their application to HVAC and Industrial projects.

President's Message

2017 was another great year for the Johnstown ASHRAE Chapter. Last spring, we established the J. Thomas and Linda Sobieski Johnstown ASHRAE Scholarship Fund, which will allow our chapter to award up to \$1,500 every year to local students pursuing a degree related to the HVAC industry. We also continued our tradition of hosting a successful Golf Outing over the summer, and recently the very popular Clay Shoot at Seven Springs. Thanks to the success of these events, the Johnstown Chapter once again led our region in total dollars per member contributed to ASHRAE Research. This past year also saw our Chapter host its first ever Bowling Tournament. We plan to continue this event in 2018 with the 2nd Annual Johnstown ASHRAE Bowling Tournament currently scheduled for February. We're also hoping to launch a few new events over the next few months, so stay tuned for future announcements.

In October we will resume our regular meetings with a presentation on Efficient Cooling Tower Operation by Mark Pfeifer. Mark will be coming to us with over 25 years of cooling tower experience and should be able to provide some valuable insight. Attendees of this month's presentation will also be eligible for one hour of continuing education credits, so this really is a meeting you won't want to miss.

Justin S. Kalanish, P.E.



Society Scholarships



ASHRAE Society Scholarships Available for 2018-2019

As a student of engineering or engineering technology, planning is one of the things you do best. With 33 Society scholarships available for the 2018-2019 academic year, ASHRAE would like to remind you that it's never too early to plan for your future. Qualified pre-engineering, engineering and engineering technology students have the opportunity to apply for a scholarship worth between \$3,000 and \$10,000.

Visit www.ashrae.org/scholarships to find an application, eligibility requirements, information about the program, and discover how past recipients have benefited from ASHRAE scholarships. Be sure to check out other scholarship opportunities that may be available locally through many of our chapters.



J. Thomas and Linda Sobieski

ASHRAE Johnstown Chapter Scholarship Fund

The purpose of the Johnstown Chapter Scholarship is to honor Mr. Thomas Sobieski and his wife Linda for their years of unwavering support of the Johnstown Chapter and the International Society of ASHRAE. The scholarship is intended to encourage college students to pursue studies and seek professions in the heating, refrigerating and air conditioning industry.

Up to **\$1,500** in scholarships available on a yearly basis.

Certification



ASHRAE has certified more than 2,000 professionals who have demonstrated their knowledge and expertise in the HVAC&R industry. Discover how you can gain a competitive edge by earning an ASHRAE certification.

Certifications

- BEAP** - Building Energy Assessment Professional Certification
- BEMP** - Building Energy Modeling Professional Certification
- CPMP** - Commissioning Process Management Professional Certification
- HFDP** - Healthcare Facility Design Professional Certification
- HBDP** - High-Performance Building Design Professional Certification
- OPMP** - Operations and Performance Management Professional Certification

The Value of Certification

ASHRAE certification programs were founded to meet industry need as identified through market research and today provide value to many important stakeholders. Developed by subject matter experts, including those recruited from allied professional organizations, ASHRAE certification programs benchmark with the ANSI/ISO accreditation standards for personnel certification programs to help ensure quality. For the past 100+ years ASHRAE has worked hard to earn and maintain a worldwide reputation for being the leader in HVAC&R design. ASHRAE certification programs serve to reinforce that reputation.

Value for Certification Earners

The decision to pursue a certification – on top of all of their other commitments - is not one lightly made by busy professionals, but the benefits of getting certified are many:

- Greater confidence in competence in critical job knowledge, skills and abilities
- Portable credential recognized and valued by employers
- Competitive edge and respect among peers, in the workplace and among potential clients
- Heightened job satisfaction

Value for Building Owners

Building owners want to know who they should hire to design critical building systems that will impact occupant comfort, safety, efficiency and - ultimately – profitability. Hiring a firm that assigns an ASHRAE-certified professional to a project confers the following benefits:

- Increased confidence in critical job knowledge, skills and abilities
- Compliance with applicable local, state and federal requirements
- Confidence in corporate commitment to the professional development of its employees and to providing the best possible resources for projects
- Disciplinary process to follow in case of complaints

Value for Employers

Hiring - and retaining - the right employees is an expensive proposition with many unknowns.

Taking ASHRAE certification into consideration during the process – and embracing it in the corporate culture - confers the following benefits to HR, the hiring manager and the employer:

- Recruit the most-qualified professionals
- Elevated reputation and credibility among current and potential customers
- Enhanced compliance with applicable local, state and federal requirements
- Greater job satisfaction and resulting lower turnover
- Provides clear, value-added professional development path

Research Promotion

What is the RP Campaign?

The RP Campaign is an annual fundraising campaign benefiting the funding of numerous ASHRAE Programs. These programs include:

- ASHRAE Research
- ASHRAE Scholarships for undergraduate students
- ASHRAE Learning Institute (ALI) development of new courses & materials
- Graduate Research Projects (Grants-in-Aid)
- Young Engineers in ASHRAE (YEA) Leadership Training
- Permanently endowed support to all of the above programs

The RP Campaign is overseen by the RP Committee, a standing ASHRAE Committee. The Committee is made up of 14 Regional Vice Chairs (RVC), 1 Consultant (past RVC), 3 Vice Chairs (past Consultant), and Chair (past Vice Chair). Staff support includes a 3-member team based at ASHRAE Headquarters.

The RP Campaign raises over \$2.2 million a year from over 6,000 donors. These donors are made up of ASHRAE Members, industry associations, and industry organizations.

If you need further information please contact RP Staff – rp@ashrae.org - they'll be happy to help answer your questions or direct you to another staff member who specializes in that area.

Calendar of Events

Date	Topic	Theme/Event	Location
10/10/2017	Optimal Cooling Tower Selection and Design	Student Activities	Boulevard Grill
11/14/2017	Dann Holes - NSF International	Joint ASPE Meeting	Rizzos
1/9/2018	TBD	Research Promotion	Boulevard Grill
2/13/2018	TBD	Joint PSPE Meeting	UPJ
3/13/2018	BRD Noise Attenuation	TBD	Boulevard Grill
4/10/2018	TBD	TBD	TBD
5/8/2018	TBD	TBD	TBD

Chapter Contacts

2017 - 2018 Chapter Officers		
President	Justin Kalanish	Contact
President-Elect	Luke Shumaker	Contact
Vice President	Amanda Cronauer	Contact
Treasurer	Mike Finnigan	Contact
Secretary	Reuben McClelland	Contact

2017 - 2018 Committee Chairs		
Membership	Paul Petrilli	Contact
Student Activities Co-Chair	Kevin Walker	Contact
Student Activities Co-Chair	Sean Trabold	Contact
Young Engineers in ASHRAE	Luke Shumaker	Contact
Grassroots Govt Activities	Kyle Koval	Contact
CTTC Chair	Amanda Cronauer	Contact
Research Promotion	Chris Albright	Contact
Historian	John Weiland	Contact
Webpage Editor	David Anderson	Contact
Newsletter Editor	David Anderson	Contact