



## Johnstown ASHRAE March 2016 Meeting

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- o Date: Tuesday, March 8, 2016
- o Location: Boulevard Grill  
(165 Southmont Blvd, Johnstown, PA 15905)

#### Joint Meeting with ASPE

- o Speaker: Joe Hannigan
- Topic: Monochloramine
  
- o RSVP
- o by March 4, 2016
  
- o Cost: \$25 per Person
  
- o Time: 5-6 pm: Social Hour  
6-8:00 pm: Dinner/Presentation

\*New for 2016\*

Prepay and RSVP from our website

# Speaker Bio

Joseph M. Hannigan Jr., CWT, HEM

CEO

Klenzoid, Inc. / Sanipur US LLC

912 Spring Mill Ave.

Conshohocken, PA 19428

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Fax :( 610) 825-0238

Email: [joe\\_hannigan@klenzoidinc.com](mailto:joe_hannigan@klenzoidinc.com)

- Currently President and principal partner of Klenzoid, Inc. and Sanipur US LLC. Specializing in the design, installation and operation of water treatment systems and technologies for municipal, industrial and institutional Environments.
- Served in numerous engineering and sales positions over 40 years with Klenzoid beginning in 1974 as an entry level Field Engineer.
- Holds three (3) U.S. Patents (assigned to Klenzoid) for various water treatment processes including Cooling Tower water filtration, Zero Discharge Cooling Tower Treatment and Zinc Pyrophosphate, a unique corrosion inhibition molecule.
- Past President (1997), Association of Water Technologies (AWT)
- AWT Chairman, ASHE Legionella Task Group
- AWT Association Liaison, AWT/ ASHE
- Member, American Water Works Association ( AWWA)
- Member, American Society for Healthcare Engineering (ASHE)
- Member, International Society of Pharmaceutical Engineers (ISPE)
- ECRI, Certified Healthcare Environmental Manager (HEM)
- AWT, Certified Water Technologist (CWT)
- ASHRAE 188-2015 Committee Member
- Author and Presenter “Alternative Approaches to Cooling Water treatment...” AWT 1996
- Co-author “Evaluation of Chlorine Dioxide...” ASHE 2001
- Co-author and Presenter, “Managing Legionella in a Regional Healthcare Complex...” AWT 2002.
- Author and Presenter, “ Control of Waterborne Pathogen in Plumbing System” ASPE 2003
- Co Author and Presenter. “ Limited Evaluation of corrosion...Copper/ Silver Ionization” AWT 2013

# President's Message

## A MESSAGE FROM THE PRESIDENT'S DESK

I want to thank everyone who attended last months meeting and came out to see a past Society President, William Bahnfleth speak at the annual PSPE/ASHRAE Engineer's Banquet. It was a great honor to have him as our distinguished lecturer.

Congratulations to all of those young students who earned awards from Math Counts, ASHRAE, IEEE, PSPE and UPJ. Also special congratulations to Sean Trabold for receiving the ASHRAE Johnstown Chapter Scholarship and Brett Yonish for being awarded Young Engineer of the Year by PSPE.

For our upcoming meeting we will have our second joint meeting of the year with ASPE. Mr. Joe Hannigan from Sanipur will be our presenter, topic being disinfection of building water piping systems utilizing Monochloramines.

Please see our upcoming schedule of events - as the year moves forward, we have many more exciting events for you to participate in and I certainly hope to see you there!

Thanks again and we'll see you at the meeting!

Kyle E. Koval

ASHRAE Johnstown  
Chapter President

# Chapter History

This month we take a look back in time and recognize past chapter presidents. A strong Chapter relies on good presidential leadership, so we thank all those who have served in this role in past years. As you can see, there are many years where I do not have record of the Chapter President. If you or someone you know served as Chapter President for one of the missing years, please let me know so I can update our archives. Thanks!

Year	President
1980 - 1981	James Thompson
1988 - 1989	Bruce Grasser
1990 - 1991	Barry Lampel
1991 - 1992	Paul Petrilli
1992 - 1993	Tim Earhart
1993 - 1994	Tim Earhart
1995 - 1996	Peter Spinelli
1996 - 1997	Fouad Youssif
1997 - 1998	Paul Petrilli
1998 - 1999	Scott Mack
1999 - 2000	John Solarczyk
2000 - 2001	John Solarczyk
2003 - 2004	Greg Gallardy
2004 - 2005	Rich Seyerle
2005 - 2006	John Weiland
2006 - 2007	John Weiland
2007 - 2008	Tim Sample
2008 - 2009	Chris Albright
2009 - 2010	Chris Albright
2010 - 2011	Cory Eberhart
2011 - 2012	Cory Eberhart
2012 - 2013	David Anderson
2013 - 2014	David Anderson
2014 - 2015	Christopher Conrad
2015 - 2016	Kyle Koval

John Weiland, P.E.  
ASHRAE Johnstown  
Historian

# ASHRAE 2016 Conference



St. Louis, MO  
June 25 – 29, 2016

## ASHRAE Learning Institute 2016 Spring Online Course Series

### 2 WAYS TO REGISTER

Take 3 or more courses and save 15% off registration!

Internet: [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Price: **\$264** (\$219 ASHRAE Member); Two-part courses: **\$484** (\$359 ASHRAE Member)

Note: You may register up to 24 hours prior to an online course. Courses are in US Eastern Time.

**Combined Heat & Power: Creating Efficiency through Design & Operations**

Mon, March 28, 2016 – 1:00 pm to 4:00 pm EDT

**Commissioning Process & Standard 202**

Wed, March 30, 2016 – 1:00 pm to 4:00 pm, EDT

**IT Equipment Design Evolution & Data Center Operation Optimization**

Wed, April 6, 2016 – 1:00 pm to 4:00 pm, EDT

**Complying with Standard 90.1-2013: HVAC/Mechanical**

Wed, April 13, 2016 – 1:00 pm to 4:00 pm, EDT

**Laboratory Design: The Basics and Beyond**

Mon, April 18, 2016 – 1:00 pm to 4:00 pm, EDT

**Standard 188-2015 – Successfully Managing the Risk of Legionellosis**

Mon, April 25, 2016 – 1:00 pm to 4:00 pm, EDT

**Air-to-Air Energy Recovery Applications: Best Practices**

Wed, April 27, 2016 – 1:00 pm to 4:00 pm, EDT

**Fundamental Requirements of Standard 62.1-2013**

Mon, May 2, 2016 – 1:00 pm to 4:00 pm, EDT

**Variable Refrigerant Flow System Design & Applications**

Mon, May 16, 2016 – 1:00 pm to 4:00 pm, EST

**The following courses are comprised of two parts. Registrants must attend both parts in order to receive CE/UPDH credits.**

**Exceeding Standard 90.1-2013 to Meet LEED® Requirements**

Part 1: Mon, April 11, 2016 – 1:00 pm to 4:00 pm, EDT

Part 2: Wed, April 20, 2016 – 1:00 pm to 4:00 pm, EDT

**Operations & Maintenance of High-Performance Buildings**

Part 1: Tue, May 17, 2016 – 1:00 pm to 4:00 pm, EDT

Part 2: Wed, May 18, 2016 – 1:00 pm to 4:00 pm, EDT

## ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Cleveland • Halifax • Hong Kong • Kuala Lumpur

Miami • Minneapolis • San Francisco • Vancouver

**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](http://www.ashrae.org/hvactraining) to register.



## 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

# Calendar of Events

## ASHRAE Chapter Programs Planner - 2015-2016

No.	Meeting Date	Theme / Events	Topic	Speaker	Location	Joint Meeting With
	September 18, 2015	Sporting Clay Event	Social Event		7 Springs Resort	-
1	October 13, 2015	YEA & MP Night Student Activities Night	Refrigeration Choices	Cory Eberhart	Boulevard Grill	-
2	November 18, 2015	ASPE Joint Meeting	Fuel Oil Pumping	Provided by ASPE	Rizzo's	ASPE
2a	November 30, 2015	Half Day Seminar	ABAA Presentation - Air Barrier Design	Laveme Dalglish	HF Lenz Co	-
3	December 8, 2015	Research Promotion Night	Flight 93 Tour	Flight 93 Tour	Flight 93	-
4	January 13, 2016	MP Night	Iso Room Design	Tim Earhart	Boulevard Grill	-
5	February 2016 TBD	Student Activities Night	bEq	William Bahnfleth	UPJ	PSPE
6	March 8, 2016	ASPE Joint Meeting	Monochloramine	Joe Hannigan	Boulevard Grill	ASPE
7	April 12, 2016	AIA Joint Meeting	TBD	TBD By AIA	Marzoni's	AIA
8	April 2016 TBD	WebCast	TBD	TBD Webcast	HF Lenz Co	-
9	May 10, 2016	TBD	Standard 189.1	Dru Crawley	Boulevard Grill	-
10	July 2016 TBD	Golf Outing	Social Event	Champion Lakes Golf Resort		-



# Chapter Contacts

## **President:**

Kyle Koval  
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## **President - Elect:**

Kevin Walker  
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## **Vice President:**

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## **Secretary:**

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## **Treasurer:**

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## **Government Activities**

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## **BOG:**

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