



*The Anthracite Chapter*

**NEWS**

**September 2017**

**ASHRAE - Shaping Tomorrow's Built Environment Today**

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**President's Message**

September is here so starts a new year of activities for the Anthracite Chapter of ASHRAE. I am honored to serve as President and want to thank everyone for their support. Together we will make this year as successful as last year. The success of our chapter is built upon the involvement of the membership and the volunteer's hard work.

In 2017 we are once again having a car show at the Wyoming Valley Mall on October 8<sup>th</sup>, from 10:00 am to 3:00 pm. Registration opens at 9:00 am. Many thanks to Ron Sibulsky for his hard work on organizing the car show. If you would like to volunteer you can contact Ron at 610-223-6528 or e-mail him at [www.ashraecarshow@com/info](mailto:www.ashraecarshow@com/info).

The Chapters Regional Conference was held in Roanoke, Virginia in last month. The Roanoke Chapter put on a great Conference in a nice location. The Anthracite Chapter walked away with few awards. For the Presidential Award of Excellence, Alyssa Procida received the Honor roll and a Special Citation. Ruth Ann Rocchio did a fine job with Research Promotion, receiving a Certificate, a Full Circle Chevron and a Silver Treasury Ribbon. Our outgoing Chapter Technology Transfer Chair Matt Archey ended his chairmanship on a high note receiving the TEC Award.

This month's meeting theme is Bring-a buddy, ask a colleague or friend to come to the meeting. This is a great way to introduce ASHRAE to young engineers and people whom are involved with the HVAC industry. This month's speaker will be Patrica T. Graef, P.E., ASHRAE Fellow the topic will be about the new Legionella standard.

Thank you.

*Eric Turner*

**Chapter Website:** <http://anthracite.ashraechapters.org>

# **ASHRAE ANTHRACITE CHAPTER MEETING**

**Tuesday September 19, 2017**

## **The New Legionella Standard: ANSI/ASHRAE 188-2015 Legionellosis: Risk Management for Building Water Systems**

Presented by

**Patricia T. Graef, PE, ASHRAE Fellow**

Patricia Graef, P.E., Fellow ASHRAE, LEED GA, is senior Engineer, Munters Corp., Fort Myers, FL. She has spent the past 44 years focusing on engineering and developing products that control temperature and moisture in building air as well as the water associated with the processes. Graef received her bachelor of science in mechanical engineering from the University of Florida. In the time she has worked for Munters, she has served as a Scientist in the cooling tower division, was the Director of Core Technology for Humidification and Engineering and Development Manager for the HumiCool division. Today she is senior engineer for the Air Treatment division and has more than a dozen international patents in her name.

Graef is a 42-year member ASHRAE and currently serves as Society Vice President and a member of the Board of Directors. She has been a voting member of Guideline 12 Managing the Risk of Legionellosis Associated With Building Water Systems since 1995 and Standard 188 Legionellosis: Risk Management for Building Water Systems since 2004. She has contributed to four ASHRAE handbook chapters including Water Treatment, Humidification, Evaporative Cooling, and Gas Turbine Inlet Cooling. Graef has shared with the HVAC industry her knowledge by contributing to ASHRAE Handbooks, standards writing, monitoring research projects, and program presentations. She also serves on the Board of Governors of her local ASHRAE Chapter.

ASHRAE has been actively involved in providing information on Legionella since 1979 in response to the first Legionnaire's disease outbreak in 1976 and the subsequent discovery by the CDC of the causative bacteria – Legionella. While Legionnaire's disease has been known for many years, recent outbreaks have increased awareness of the disease, its causes and prevention strategies. The CDC estimates 8-18 thousand cases per year, of which more than 10% are fatal.

ANSI/ASHRAE 188 first published in June 2015 establishes minimum Legionellosis risk management requirements for building water systems. It is intended for use by owners & managers of human-occupied buildings, and also for those involved in design, construction, installation, commissioning, operation, maintenance & service of centralized building water systems and components.

This session provides an overview of Legionella bacteria, its source, how it is amplified, how it is transmitted and who is susceptible. There will be a detailed look at the standard, the background on its development and what is required for its application and adoption. Specific topics include the framework for legionella bacteria control measures, health care facility requirements, requirements for adopting a Water Management Program for specific devices such as cooling towers, ornamental fountains, spas, etc., elements of a Water Management Program, and designer requirements.

**A Certificate of Attendance will be available at the registration table**

Location: **The Woodlands Inn**  
1073 Highway 315, Wilkes-Barre, PA 18702, (570) 824-9831

Schedule: 5:00-5:45 p.m. Business Meeting (All are Welcome)  
5:30-6:30 p.m. Social Hour (Cash Bar)  
6:00-6:30 p.m. Dinner/Program Registration  
6:30-7:15 p.m. Dinner (Buffet)  
7:15-8:30 p.m. Announcements & Presentation

Cost: **\$ 30.00** cash or check / **\$ 32.00** credit card / **FREE** for Students

**Only If You Are Planning to Attend Please Respond by NOON on FRIDAY September 15, 2017**  
to Walt Janus at (570) 342-3700 Ext. 286 or via e-mail at [wjanus@gpinet.com](mailto:wjanus@gpinet.com)

## **NEWS and Notes**

### **It's Time!! 2017 ASHRAE Anthracite Chapter Fall Car Show**



Make sure you have your calendars marked for October 8<sup>th</sup> at the Wyoming Valley Mall.

I'd like to thank Associated Steam Specialty Company, Jump Start Building Commissioning, LLC and Highland Associates for their full sponsorships of our car show along with all the other sponsors and supporters which are listed on the website. There are still award sponsorships available. You can sponsor an award for as little as \$20.00. Just go to the website, <http://ashraecarshow.wixsite.com/info> and click on the "sponsorship" tab, or call or text me at 610-223-6528.

I'd also like to thank those who have already volunteered to help the day of the show, but I can always use more hands, especially during registration. If you could spare some time that morning to help support your chapter please give me a call at 610-223-6528 or email me at [rsibulsky@associatedsteam.com](mailto:rsibulsky@associatedsteam.com)

Thank you and I hope to see you all on the 8<sup>th</sup>. – Ron Sibulsky

### **ASHRAE Winter Conference in Chicago**



ASHRAE Winter Conference & AHR Expo is where passionate people come together to share knowledge, learn new things and meet new people. The 2018 Winter Conference will be at the Palmer House in Chicago, January 20-24, and the AHR Expo is at McCormick Place, January 22-24. The 2018 Expo will host more than 2,000 exhibitors and 65,000 industry professionals. Registration is now open and early-bird rates are available through November 2. For complete program information and to register, visit <https://www.ashrae.org/membership--conferences/conferences/2018-ashrae-winter-conference>.

### **Technology Corner**

There is no technical article included in this month's edition of the *NEWS*. Please submit articles to the CTTC chair for consideration to be included in future editions.

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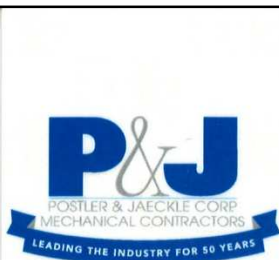
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2015-16 Rich Karns	2005-06 Manish Patel	1995-96 Chuck Swinderman	1985-86 Lee Garing
2014-15 Matt Archey	2004-05 A.J. Lello	1994-95 John Walker	1984-85 Spence Martin
2013-14 Matt Archey	2003-04 Dennis Gochoel	1993-94 Dennis McGraw	1983-84 Donald Brandt
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2011-12 A.J. Speicher	2001-02 Mike Moran	1991-92 Dan Mello	1981-82 Bob Mugford
2010-11 Tom Swartwood	2000-01 Dennis Gochoel	1990-91 Mark Hagen	1980-81 Kerry Freeman
2009-10 Brian Flynn	1999-00 John Durdan	1989-90 Paul Dreater	
2008-09 Eric Zanolini	1998-99 Matthew Martin	1988-89 Bud Reilly	
2007-08 Walt Janus	1997-98 Dean Butler	1987-88 Ray Suhocki	

## ***ANTHRACITE CHAPTER MEETINGS & EVENTS 2016-17***

<b>Date</b>	<b>Theme</b>	<b>Program</b>	<b>Speaker</b>
<b>Sept. 19</b>	<b>Membership/ Bring-a-Buddy</b>	<b>The New Legionella Standard ANSI/ASHRAE 188-2015 Legionellosis: Risk Management for Building Water Systems</b>	<b>Patricia Graef*</b>
<b>Oct. 8</b>	<b>Fun &amp; Research Promotion</b>	<b>ASHRAE Car Show</b>	<b>--</b>
Oct. 17	Research Promotion – Donor Recognition		
Nov. 21	Students/YEA		
December	Family Night	No Meeting	--
Jan. 16	Research Promotion		
Feb. 20	Engineer's Week Joint Meeting w/ PSPE		
Mar. 20	Nominating Night Joint Mtg. w/ SMACNA		
April 16	Students/Membership		
April 19	ASHRAE Webcast	Myths About Energy Efficiency	Panel
May 15	Past-Presidents		Mike Morgan
June 19	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
Aug. 16-18	Chapters Regional Conf.	2018 Region III CRC, Pittsburgh, PA	--

\*ASHRAE Distinguished Lecturer

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