



The Anthracite Chapter

NEWS

November 2018

ASHRAE - Shaping Tomorrow's Built Environment Today

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President's Message

As the leaves fall with winter just around the corner. It is time to spend with family and friends around the Thanksgiving table.

This month's meeting we show our commitment to the Engineers of the next generation. ASHRAE encourages engineering students to participate with student chapters. We sponsor YEA events that brings students from the local colleges together for a night bowling and pizza. We always welcome students to our meetings enticing them with a free meal. This gives them an opportunity to meet with the membership. Let any students that you know that they are always welcome to the meetings.

We are still in need of a Research Promotion chair let any of officers know if you are interested in the position. The Treasurer position is also open. Participation is critical for a successful chapter.

Thank you

Eric Turner



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

ASHRAE ANTHRACITE CHAPTER MEETING

Tuesday November 20, 2018

Kitchen Ventilation – Meeting Codes and Standards

Presented by

Jessica Harrington

Jessica Harrington graduated with her bachelor's in mechanical engineering from the University of Delaware in 2014. She completed her master's in mechanical engineering at UD the following year, while working full time for DuPont in their Engineering Research and Development group. After two years at DuPont, Jessica left the lab to pursue a customer-facing technical sales role at Accurex. She has been with Accurex for two and half years and is currently the Executive Account Manager for Eastern Pennsylvania, New Jersey, and Delaware.

Jessica's presentation will discuss the codes and standards that are applicable to kitchen ventilation systems, including hoods, filters, grease duct, exhaust fans, make-up air and controls.

- Hood Types I and II: when to use and why.
- When and why to use different types of Type I hood configurations.
- Sizing hoods, what overhangs are required.
- UL710 allowances and how you are able to be exempt from certain sections of IMC requirements.
- Types of cooking appliances and how they are rated (light, medium, heavy, extra heavy duty).
- Determining exhaust airflow rates – what to consider (IMC, UL, IECC, real life).
- Hood clearance to combustible requirements – what to watch out for.
- Grease filters use and their application.
- Fire Suppression types and requirements.
- Grease duct requirements – field fabrication versus prefabricated ductwork.
- Exhaust fan types applications and code requirement for accessories and clearances.
- Make-up air requirements for tempering and the types of supply fans available for use in kitchen ventilation.
- Control code requirements and the types of controls available to meet them.
- Constant volume controls versus variable volume (DCV).
- Demand Control Ventilation requirements as required per IECC and the use of electrically commutated motors (ECM).

A Certificate of Attendance will be available at the registration table

Location: Holiday Inn East Mountain
600 Wildflower Dr, Wilkes-Barre, PA 18702, (570) 822-1011

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 4 pm on FRIDAY November 16, 2018
to Walt Janus at (570) 202-2020 or via e-mail at wmjanus42@gmail.com

NEWS and Notes

ASHRAE Winter Meeting and AHR Expo

The 2019 ASHRAE Winter Conference & AHR Expo will take place in January at the Omni CNN Center and the Georgia World Congress Center in downtown Atlanta. Expect thousands of industry professionals, hundreds of learning opportunities, and a very short walk to the AHR Expo.

The technical program is comprised of eight tracks and offers 100+ technical sessions to choose from. The track focus areas include refrigeration, HVAC&R fundamentals and applications, systems and equipment, common system misapplications, and achieving high performance building operation after design. Others are aimed at moving building design, construction, and operation forward. Registration for the Conference is open.



2019 ASHRAE WINTER CONFERENCE
JANUARY 12–16 // **AHR EXPO** JANUARY 14–16



Sponsor the News

The Chapter offers to display a business card on this page in return for a nominal donation of \$50. Just send an e-mail to Newsletter Editor Walt Janus indicating if you want your prior graphic, or a new one, and send him (jpg preferred). Payments can be sent via mail (check) or paid at a future meeting (cash, check or credit card). As always, thank you for your support of the Anthracite Chapter.



Technology Corner

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

Thanks to Our Sponsors



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**Anthracite Chapter
Past-Presidents**

2017-18 Eric Turner	2007-08 Walt Janus	1997-98 Dean Butler	1987-88 Ray Suhocki
2016-17 Alyssa Procida	2006-07 John Havenstrite	1996-97 Charlie Smith	1986-87 Jerry Peznowski
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
2012-13 Tracey Jumper	2002-03 Phil Latinski	1992-93 Scott Harford	1982-83 Rich Santee
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	

ANTHRACITE CHAPTER MEETINGS & EVENTS 2018-19

Date	Theme	Program	Speaker
Sept. 15	Fun & Research Promotion	ASHRAE Car Show	--
Sept. 18	Membership/ Bring-a-Buddy	Bi-Polar Ionization (BPI) Technology	Carlos Gendron
Oct. 16	Research Promotion/ Donor Recognition	Natatorium Design and Best Practices	Chuck Nora
Nov. 20	Students/YEA	Kitchen Ventilation – Meeting Codes and Standards	Jessica Harrington
December	Family Night	No Meeting	--
Jan. 15	Research Promotion	Condenser Water Heat Recovery	Julian deBullet*
Feb. 19	Engineer's Week Joint Meeting w/ PSPE	2-Pipe Cascading Hydronic Systems	Brett Zerba
Mar. 19	Nominating Night Joint Mtg. w/ SMACNA	Displacement Ventilation	TBD
April 16	Students/Membership	Pressure Control for Healthcare and Labs	Steve Duerkop
April 18	ASHRAE Webcast	TBA	Panel
May 15	Past-Presidents	GBCI in 2019	Heidi J. Kunka
June 18	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
Aug. 15-17	Chapters Regional Conf.	2019 Region III CRC, Hampton Roads, VA	--

*ASHRAE Distinguished Lecturer

ASHRAE MISSION

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

ASHRAE VISION

- ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.

The Anthracite Chapter NEWS

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