

President's Message

**Public Private  
Partnership**

*Presented by: Forum*

**Monday, February 5th, 2018**

**Past President's Meeting**

**11:45 am – 1:00 pm Lunch Meeting**

**11:30 am Check In**

**Clarion Hotel – Overland Park**

12601 95<sup>th</sup> St.

Lenexa, KS 66215

\*\*If you haven't pre-paid for a meeting, you are **required to pay cash or check at the door to attend.**

Invoicing is not an option.\*\*

**RSVP at [www.kcashrae.org](http://www.kcashrae.org) by**

**Deadline Thursday, Feb. 1<sup>st</sup>**

\$25 = On-line before deadline

\$30 = after RSVP deadline

**MENU**

**Champagne Chicken**

The Winter ASHRAE and AHR Expo was a very successful event. The event opened many eyes to various new products and systems introduced. With the recent EPA SNAP refrigerants ruling, many manufacturers introduced new ways of being energy efficient and reducing the climate change potential of any refrigerant leaks. Climate change will continue to have an increasing effect on the design and operation of the built environment.

The use of flammable and toxic materials as refrigerants is nothing new, such as propane and ammonia, but their use has been restricted to appropriately designed systems. Presently, concern about global climate change is driving the cooling industry to consider new classes of chemicals to be used as refrigerants. With the new chemicals are new safety classifications for flammability, including "Class 2L". ASHRAE Standard 34 maintains a list of refrigerants with a standardized system of assigned refrigerant numbers and well defined safety classifications, including toxicity and flammability ratings. This ever growing list of refrigerants currently includes 161 chemicals and chemical blends that have been proposed for use as refrigerants

We are excited to see what Groundhog Day 2018 will bring! Make your plans soon to celebrate Groundhog Day with your friends and family! Phil will leave his burrow at 7:25 a.m. February 2nd at Gobbler's Knob in Punxsutawney, Pennsylvania. Phil will... observe the weather conditions and look for his shadow he will then make his prediction for the remainder of winter.

Thank you  
Kevin Morris  
Chapter President



Monday, February 5th, 2018 at Clarion Hotel Kansas City 12601 95th St. Lenexa, KS 66215

## Presentation Overview

### **PUBLIC PRIVATE PARTNERSHIPS:**

There has been a lot of news regarding Public-Private-Partnership construction arrangements. A public-private partnership or P3 is an arrangement between a governmental body and a private entity. The goal of the partnership is to provide public benefit, either an asset or a service with the private entity designing, building and financing the project. This has been happening nationwide and now locally with some high-profile projects in Kansas City and the surrounding area. Please join us for a panel discussion to gain insight from industry experts regarding their experience with Public-Private-Partnerships.

Our panel will provide diverse perspectives on this project delivery method. We will hear from an investment viewpoint, a legal viewpoint, a public/municipal viewpoint and the contracting viewpoint. Our esteemed panel will be moderated by Eric Danielson. Eric is the Director of Science and Tech. at JE Dunn and his voice may sound familiar to some as he is the In-Game Public Address Announcer for the University of Kansas at Allen Field House.

We hope you will gain a better understanding of the relationships among the different entities and how to better navigate the P3 process.



### **SPECIAL NOTE: PAST PRESIDENT'S MEETING**

We will be honoring the past presidents of ASHRAE



## Local Job Opportunity



### Lead Commissioning Professional

The Clark Enersen Partners, one of the Midwest's most respected architecture and engineering firms, is seeking a full-time Lead Commissioning Professional to help start a firm-wide commissioning department in our Lincoln, NE or Kansas City, MO office. Our work includes a wide variety of projects, including corporate office buildings, collegiate facilities, K-12 schools, hospitals/healthcare facilities, civic buildings, and athletic facilities. We aim to provide lasting value in all we do, with projects that benefit our communities for years to come.

#### Responsibilities:

- Lead all commissioning for valued corporate client at each of their facilities, including headquarters and multiple satellite offices in the Midwest
- Market commissioning services to new and existing clientele
- Lead and expand the firm's commissioning services through targeted marketing and market share growth
- Participate in firm's QA/QC process to by providing feedback on lessons learned in commissioning process
- Mentor and develop younger staff as needed in a team-based atmosphere
- As needed, assist in the design and documentation of engineering systems for a wide variety of project types
- Travel as necessary to accomplish responsibilities

#### Qualifications:

- Commissioning certification (e.g. CxA, CCP, CPMP, or similar) preferred, but not required
- Licensed Professional Engineer with 5+ years of experience in the MEP industry preferred, but not required
- Effective verbal and written communication skills
- Strong organizational, analytical, and problem-solving skills

#### Benefits:

- Competitive salary and benefits package with profit-sharing potential
- Opportunities for professional growth and advancement
- Flexible hours
- Casual work environment

Qualified applicants should electronically submit a resume to [peggy.merkel@clarkenersen.com](mailto:peggy.merkel@clarkenersen.com)

## 2019 Annual ASHRAE Meeting

### Volunteers NEEDED!

The Annual ASHRAE meeting will be in Kansas City June 2019. We will need about 100 volunteers to help in various facets to ensure a positive conference. If you are interested in joining a committee or helping the week of the conference, please contact Blake Ellis ([blakeashrae@gmail.com](mailto:blakeashrae@gmail.com)).

If you are interested in helping plan prior to the conference please let Blake know which committee you are interested in joining

- Entertainment – Plan Welcome Party, Members Night Out, WiA Happy Hour
- Hospitality – Staff member lounge
- Tours – Choose technical and general tours, coordinate transportation, check-in attendees
- Information/Publicity – Staff host desk, publicize conference through various media outlets
- Sessions – Day captains and monitors for technical sessions
- Sustainability Project – Determine project, coordinate volunteering efforts, fund-raising to help cover project costs

### 42<sup>nd</sup> Annual ASHRAE Golf Tournament

**Save the Date:** May 11th, 2018

Overland Park Golf Course

Shotgun start at 12:30

Keep an eye out for online signups. Any questions, contact Ann Peratt ([ann.peratt@pkmreng.com](mailto:ann.peratt@pkmreng.com))

## Student Activities

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### Annual ASHRAE High School Job Shadowing Program:

Job Shadowing Program is just around the corner. Let Adam Neth (adam@insitegroup.net) or Keith Hammerschmidt (khammerschmidt@mfec.com) know if you or your company is interested in showing high school juniors and seniors what our profession entails. It is just a 2 hour commitment with 4-6 students. If you are interested send them an email and they will get you the information. They will be reaching out to the companies that have participated in the past.

### K-8 STEM Outreach:

STEM activities are a good way to get young kids interested in our profession. If anyone wants to present a STEM activity to any K-12 students and doesn't know what to do, then please reach out to Keith or Adam and they will provide you with multiple activities. We will give you the instructions, supplies, and everything you need to get K-12 students excited about our profession. Please don't hesitate to contact us, as we have a number of resources to help get students engaged.

### High School Senior Scholarships:

Is someone you know a high school senior looking to pursuing an engineering degree associated with the HVAC industry? Encourage them to apply for a KC ASHRAE Scholarship at <http://www.kcashrae.org/committees/students/> (2) **\$500 Scholarships**. Applications are due on Friday, **May 4th!**

## WiA (Women in ASHRAE)

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### Hockey Night:

Come join us for a Maverick's game and Tour with ASHRAE on Feb 23rd! The tour will start at 4:30 pm and is open to ASHRAE members. This game at 7:05 pm is open to significant others and families. Tickets are \$27 each. Please register on the KC ASHRAE website at <http://www.kcashrae.org/events/>.

If you have any questions please contact Misty Givens (mgivens@bldgcontrols.com).



# Government Grassroots Advocacy Committee

## JOCOBO Update:

Overland Park continues to inform JOCOBO they are adopting the 2018 International Code suite. Other jurisdictional members of the JOCOBO have taken a “wait and see” attitude but the overall discussion is that they will all end up adopting 2018 sometime this year or perhaps next year.

## Kansas Legislature Update:

The Kansas Legislature is back in session. Early bills of interest include:

**HB 2185** which proposes to restore local control over wage requirements for construction projects. It was proposed in Appropriations but has been transferred to Commerce, Labor and Economic Development Committee for review and refinement.

**HB 2190** which regulates the electric utilities and sale of renewable energy. It has been referred to the Energy, Utilities, and Telecommunications committee for review and refinement.

**SB 76** which states that the state licensing authority will exempt low income individuals earning no more than 130% of the national poverty limit and military families from payment of licensing fees. It has been withdrawn from General Orders Committee and has been referred to the Federal and State Affairs Committee.

## Missouri Legislature Update:

The Missouri Legislature is back in session. Early bills of interest include:

**HB 1702** which establishes the Missouri Prompt Pay Act related to payment dates for contractors and subcontractors. It has had a second reading and been referred to the House Professional Registration Licensing Committee.

**HB 1575** which modifies the provisions on ratemaking related to public electric utilities has had a second reading but has not been referred to a committee.

**HB1878** which establishes the Rate Case Modernization Act, relating to ratemaking for gas corporations has had a second reading but has not been referred to a committee.

**SB 564, 572, and 642** are similar bills which modify provisions to public utilities rate adjustments outside normal rate proceedings for investor owned utilities for **SB 564 and SB 572**. SB 642 modified provisions for rate making for public owned utilities. SB 564 has been referred to the Senate Commerce, Consumer Protection, Energy and the Environment Committee. SB 572 and 642 have had first readings and have not yet been referred to a committee.

**SB 730** which establishes the Rate Case Modernization Act, relating to ratemaking for gas corporations has had a first reading but has not been referred to a committee.

**SB 815** modifies the civil penalty for violating federally mandated natural gas safety standards.

**SB 816** modifies the civil penalty for violating underground facility safety standards.

## Grass Roots Energy Update:

The KCC is currently deliberating the proposed merger of KCP&L and Westar. This is a major merger that will impact most energy users in Kansas. There is a meeting at the Washburn Institute of Technology at 6PM on 1/22/18. If you have an option please go participate and be heard. Key points:

- Solar rate changes – customers with rooftop solar power should insist the utilities agree to wait for solar industry penetration to at least 5% of the market share before adjusting rates for solar customers. It is currently less than 1%.
- The merger will provide equal access to energy efficiency and rebate programs that KCP&L has historically offered to its Missouri Customers.
- It is anticipated that there will be customer benefits as a result of the merger including improved customer service. Neither company expects any job losses as a result of the merger and intend to share bill credits to retail customers in KS and MO approximated at \$31.25 per customer.

## GGAC (con't)

### Federal Government Update:

A tax has been proposed at the federal level which may have impacts on wind energy development in Kansas. The tax bill in question is the BEAT tax. This tax works to undermine the \$28 billion already invested in 17 gigawatts of wind energy projects across the country. It also works to put \$34 billion of projected wind energy investment at risk.

Without changes to allow the PTC and ITC to offset the BEAT, the provision would effectively freeze the tax equity markets which are currently used to finance 70% of all wind projects and 90% of all solar projects, and because of the retroactive effect of the provision it will jeopardize projects already in development.

Kansas is a large exporter of wind energy and this tax bill is particularly important to the state.

Billions of dollars in tax incentives are in jeopardy. This translates to vital Kansas jobs being in jeopardy. You are urged to contact your senators to help preserve the investment in renewable wind energy.

A simple fix that has been proposed is to treat the PTC and ITC the same as the R& D credit in the BEAT proposal.

Senator Jerry Moran  
DC Office  
Phone: (202) 224-6521  
Fax: (202) 228-6966

Senator Pat Roberts  
DC Office  
Phone: (202) 224-4774  
Fax: (202) 224-3514

### Grassroots Update:

Overland Park, KS, is currently taking on an interesting project which allows the public to provide opinion and input on the future of development in the city. This project called Forward OP. The leadership committee for the project is more than happy to have members of KC ASHRAE that live or work in Overland Park to participate in this process. There is an Imagine Tomorrow Workshop on Tuesday January 30 7:00-9:00pm at Overland Park Convention Center. Learn more and RSVP at [ForwardOP.org](http://ForwardOP.org)

### AEE-KC Updates

#### CEM Training and Course Exam

April 16th - 20th, 2018

8am-4pm; Monday-Friday, Location: TBD

Cost: \$2,490.00 per person

Signup Deadline: March 31, 2018

[Click Here to Register](#) or contact

- Jerry Casey, [jcasey@mcpower.com](mailto:jcasey@mcpower.com)

PH# [618-806-0571](tel:618-806-0571)

- Ryan Lowe, [rlope@cdjones.com](mailto:rlope@cdjones.com)

PH# [816-400-7749](tel:816-400-7749)

## IMAGINE TOMORROW WORKSHOP

TUESDAY  
JANUARY 30

7:00-9:00pm  
Overland Park Convention Center  
6000 College Boulevard

Join others who care about the future of Overland Park to help create a vision for the community, and hear an inspiring keynote address from author and community strategist Peter Kageyama.

Learn more and RSVP at  
[ForwardOP.org](http://ForwardOP.org)

# Membership Promotion (MP)

## Get Your Volunteer Hours with Us

We are doing a lot this year and could use help with everything from event planning to data entry to fundraising to technical session development. All experience levels can find something to help out with. Would you like to see the chapter do something more or differently, sign up to volunteer.

## Welcome to the following New and Returning Members!



- **John McGinty**
- **Eric Nielsen**
- **Caleb Collier**
- **Benjamin MacKenzie**
- **Robert Poling**
- **Rajinder Bagga**
- **James Beecher**
- **Sterling Embers**
- **John McGinty**
- **Jason Franklin**
- **Ian Nelson**
- **Michael Panethiere**
- **Catherine Gryszowka**
- **Tyler Lewis**

# YEA (Young Engineers in ASHRAE)

## 2nd Annual Bowling Tournament:

Friday, February 9<sup>th</sup>. Stay tuned for more information!

We are still looking for sponsors! If you are interested please contact Christian Ford ([Christian.ford@dialecticeng.com](mailto:Christian.ford@dialecticeng.com)).



# Research Promotion (RP)

**We've begun the 2018 Campaign already and I hope we can once again count on your support of ASHRAE Research this year.**

ASHRAE conducts timely research to remain the foremost, authoritative and responsive international source of technical and educational information, standards and guides on the interaction between people and the indoor and outdoor environment through the operation of HVAC&R systems in buildings and other applications.

**The Kansas City Chapter would like to make you aware of the following Donor Levels**

## \$250- Major Donor Antique

- Company name listed in annual ASHRAE Investor Honor Roll as part of the ASHRAE Journal

## \$500- Major Donor Bronze

- Company name listed in annual ASHRAE Investor Honor Roll as part of the ASHRAE Journal
- Recognized in KC Donor Recognition meeting (December 2018)
- Company name posted on donor page of KC website from July 2018 to June 2019

## \$1,000- Major Donor Silver

- Company name listed in annual ASHRAE Investor Honor Roll as part of the ASHRAE Journal
- Recognized in KC Donor Recognition meeting and company logo displayed (December 2018)
- Company name posed on donor page and logo posted as revolving display on front page of KC chapter website from July 2018 to June 2019.

**Donate online at [www.ashrae.org/contribute](http://www.ashrae.org/contribute)**

Contact Dieter Myers with more information

[dmyers@burnsmcd.com](mailto:dmyers@burnsmcd.com)

816-822-3537.

ASHRAE Kansas City Chapter

Home About Events News Committees Resources Contact

KC ASHRAE  
Welcome to the Kansas City Chapter of  
ASHRAE

**Featured Partner**

REVOLVING DISPLAY OF COMPANY LOGOS FROM \$1,000 DONORS. FIRST LOGO WILL BE RANDOMLY SELECTED EACH TIME THE PAGE LOADS. LAST YEAR ONLY 4 COMPANIES DONATED AT THIS LEVEL.

**Featured Events**

December 4, 2017  
December Meeting: Energy Code Compliance  
11:30am-1pm  
The Breeze

ASHRAE Facebook Page  
ASHRAE Twitter Page  
ASHRAE Society Page  
ASHRAE Region IX Page

**President's Desk**

Elections have been decided, the turkey is prepped (or gone...)

[Read More](#)

**Our Newsletter**

Check out this issue of the breeze for info about our next meeting.

ASHRAE Research Links  
To Support Research-Click Here  
To Learn More-Click Here

[The Breeze](#)

## KC ASHRAE - Committee Members

Position	Name	E-Mail Address	Phone Number
BEP/Sustainability	Taylor Sheperd	Taylor.Shepherd@tmi-kc.com	816-728-5379
Communications	Jerri Brewer	jerri.brewer@hendersonengineers.com	913-742-5531
CTTC	Jarrold Foster	Jarrold.Foster@usengineering.com	816-751-9280
Govt. Grassroots	Andrea Phillips	Andrea.Phillips@crbusa.com	816-891-3715
Historian	Blake Ellis	bellis@burnsmcd.com	816-822-3332
Honors and Awards	Jim Noe	jnoe@epluses.com	913-915-1681
Membership Co-Chair	Amy Stadler	astadler@fscmep.com	913-722-3473
Membership Co-Chair	Aaron Spencer	aaron.spencer@trane.com	913-599-4664
PAOE	Kevin Morris	kmorris@cdjones.com	816-896-7966
Publicity	Richard Chushuk	rchushuk@fscmep.com	913-722-3473
Product Directory	Keith Williams	kwilliams@aesc.com	913-894-4455
Programs Committee	Stuart Bradent	sbraden@wlc-kc.net	816-842-8437
Programs Committee	Kelley Cramm	kelley.cramm@hendersonengineers.com	913-742-5672
Programs Committee	Amy Stadler	astadler@fscmep.com	913-722-3473
Programs Committee	Blake Ellis	bellis@burnsmcd.com	816-822-3332
Refrigeration	Gene Ziegler	ejziegler@parker.com	816-509-8480
Refrigeration	Greg May	Greg.May@hei-eng.com	913-742-5604
Research Promotion	Dieter Myers	dmyers@burnsmcd.com	816-822-3537
Student Activities	Keith Hammerschmidt	khammerschmidt@mfec.com	913-322-1400
Student Activities	Adam Neth	adam@insitegroup.net	816-228-3377
YEA Co-Chair	Chris Swingle	chris@martinkc.com	816-215-1712
YEA Co-Chair	Christian Ford	christian.ford@dialecticeng.com	816-997-9601
WiA	Misty Givens	mgivens@bldgcontrols.com	816-518-3571
Website	Aaron Wagner	aaron.wagner@crbusa.com	816-891-3616

## KC ASHRAE - Board of Governors

Position	Name	E-Mail Address	Phone Number
President	Kevin Morris	kmorris@cdjones.com	816-896-7966
President Elect	Dieter Myers	dmyers@burnsmcd.com	816-822-3537
Vice President	Jarrold Foster	Jarrold.Foster@usengineering.com	816-751-9280
Treasurer	Susan Nagel	susan.nagel@crbusa.com	816-880-9800
Secretary	Ann Peratt	ann.peratt@pkmreng.com	913-492-2400
BOG	Amy Stadler	astadler@fscmep.com	913-722-3473
BOG	Andrea Phillips	Andrea.Phillips@crbusa.com	816-891-3715
Past President	Jim Root	jim.root@tmi-kc.com	816-213-6932

**Are you looking for quality Engineers, Contractors, or Sales Representatives involved in the ASHRAE community, but don't know where to advertise your job posting?**

KC ASHRAE has a solution for you! A **half page job posting** can be advertised in the Breeze and on the website for a **\$100 RP** donation (per posting, per month). Please contact Ann Peratt at [ann.peratt@pkmreng.com](mailto:ann.peratt@pkmreng.com) if you are interested in advertising in the Breeze and online.

## 2017-18 KC ASHRAE Calendar of Events

Date	Event	Speaker	Location	Guests	Time
5-Feb	Public Private Partnership	Forum		Past Presidents	11:45-1:00
9-Feb	YEA Bowling Tournament	--	TBD		TBD
23-Feb	WiA Mavericks Tour and Game	--	Silverstein Eye Center		5:00, 7:05
5-Mar	Compressor Technology	Forum	Clarion Hotel	Student Night	5:30-7:00
9-Apr	Leadership and Management for Engineers	Rich Rooley	Clarion Hotel		11:45-1:00
11-May	42nd Annual Golf Tournament	--	OP Golf Course		11:30-6:00