



## TOPICS THIS MONTH

- This Month at ASHRAE
- President's Corner
- February Recap
- Upcoming Meetings
- ASHRAE CRC 2017 & 2018
- Technology Awards
- Research Promotion

## THIS MONTH AT ASHRAE Mega-Tech Session

**Date:** Wednesday, March 22<sup>nd</sup>

**Location:** West Des Moines Marriott  
1250 Jordan Creek Parkway  
West Des Moines, IA 50266

**Schedule:** 12:45 Registration  
1:00 Psychrometrics Presentation  
2:15 DOAS Presentation  
3:30 VRF Presentation  
4:30 Social / History Presentation / Chapter Meeting

**Cost:** There is a \$50 fee for all three presentations. Each presentation will have a separate sign in sheet that will be posted to the website after the event and will serve as your certificate of attendance. Because there is no meal at this meeting, there will be no member discount (coupon).

[Register](#) online today!



# PRESIDENT'S CORNER:

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Welcome to March everyone! As the weather begins to thaw, I hope you keep ASHRAE in mind. We have a lot of great content coming up for our membership in the next few months to round out the chapter year. In February, we had great attendance for our lunch meeting on Space Pressurization: Concept and Practice with ASHRAE Distinguished Lecturer James Coogan, P.E. I hope this proved to be interesting subject matter for many of our members

March 22nd brings a Mega-Tech Session with three presentations on inter-related subjects: Psychrometrics, Dedicated Outdoor Air Systems (DOAS) and Variable Refrigerant Flow (VRF) systems. The venue is the West Des Moines Marriott, 1250 Jordan Creek Parkway and the presentations start at 1PM.

One note to all design firms and contractors reading this: Please consider submitting a project for our annual chapter technology awards. It is an easy process to fill out the short form to be considered at the chapter level, and move on to being recognized by ASHRAE region. It is also a free opportunity to gain valuable recognition for all of the hard work your companies do in our region. Contact our technology awards chairs, Iyhab Hasan ([ih966@msn.com](mailto:ih966@msn.com)) or Peter Ernzen ([ernzenpj@kjjww.com](mailto:ernzenpj@kjjww.com)) for more information, or visit the society web page: [www.ashrae.org/technologyawards](http://www.ashrae.org/technologyawards) . The due date is coming up on March 22nd, 2017, so hurry and register.



**Andrew Pospisal** ([email](mailto:andrew.pospisal@ashrae.org))  
**ASHRAE Iowa Chapter**  
**President 2016-2017**

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# PAST ASHRAE IOWA CHAPTER PRESIDENTS

Matt Gumm	2015-2016
Justin Barrett	2014-2015
Tim Conrad	2013-2014
Matt Jesson	2012-2013
Kelly Crow	2011-2012
Holly Elbert	2010-2011
Roger Leshner	2009-2010
Kit Cartwright	2008-2009
Jerrold Sieverding	2007-2008
Jason Kems	2006-2007
Chuck Heldenbrand	2005-2006
Jeff Gross	2004-2005
Ron Engelhardt	2003-2004
Dan Zaug	2002-2003
Susan Oltrogge	2001-2002
Christopher Nelson	2000-2001
Donald Swanson	1999-2000
Edward Truslow	1998-1999
James Hall	1997-1998
Robbin Vannoy	1996-1997
Mark Conway	1995-1996
Paul Melton	1994-1995
Gregory Maxwell	1993-1994
Jeffery Hammer	1992-1993
Jack Culp	1991-1992
James Lee	1990-1991
Clint Leonard	1989-1990
Charles Pedersen	1988-1989
Gary Reynolds	1987-1988
Dennis Hogan	1986-1987
Eugene Zefron	1985-1986
Donald Hagge	1984-1985
Robert Rist	1983-1984
Joseph Proctor	1982-1983
Mark Allen	1981-1982
Curtis Klaassen	1980-1981
Gerald Anderson	1979-1980
C.W. Miller	1978-1979
Richard South	1977-1978

Verne Stewart	1976-1977
Curtis Hammer	1975-1976
Ralph Schilling	1974-1975
Donald Bonicamp	1973-1974
Kent Mosher	1972-1973
Thomas Van Hon	1971-1972
Robert McBride	1970-1971
William Whitman	1969-1970
Einar Dahl	1968-1969
Eugene O'Neil	1967-1968
James Green	1966-1967
Neil Hanson	1965-1966
Bob Flanagan	1964-1965
Lyndon Kelley	1963-1964
Elwood Giberson	1962-1963
Vern Polly	1961-1962
John Bain	1960-1961
Crom Campbell	1959-1960
R.T. Howard	1958-1959
W.A. Schworm	1957-1958
D.E. Schroeder	1956-1957
G.J. Kraai	1955-1956
W.E. Nanes	1954-1955
J.F. Sandfort	1953-1954
R.H. Schnell	1952-1953
C.H. McGuinness	1951-1952
R.S. Stover	1950-1951
D.E. Wells	1949-1950
D.C. Murphy	1948-1949
C.A. Wheele	1947-1948
E.O. Olson	1946-1947
B.E. Landes	1945-1946
W.W. Stuart	1944-1945
C.W. Helstrom	1943-1944
P.E. Triggs	1942-1943
Perry LaRue	1941-1942
R.A. Norman	1940-1941
Tracy Johnson	1939-1940
W.R. White	1938-1939

## February Meeting

February 22<sup>nd</sup>, 2017

Exile Brewing Company



### *Space Pressurization: Concept and Practice*

Program teaches ventilation control design for critical pressurized spaces such as laboratories, clean rooms and health care facilities. Topics run from basic physics of pressurization, through air flow control technology and detailed design procedures. Covers goals and concepts behind pressurization. Emphasis on the importance of the room envelope. Explains the common control methods, and when to choose each one.





## April YEA Meeting

**Date:** Thursday, April 6<sup>th</sup>  
**Time:** 5:00 PM  
**Location:** Up-Down  
 500 East Locust Street  
 Des Moines, IA 50309



More details to come!

## ASHRAE Webcast



Take Control:  
 Using Analytics to Drive Building Performance  
 April 20, 2017 1:00 - 4:00 PM EDT

## Future Meetings

Month	Date	Location	Topic
March	22	West Des Moines Marriott	Technical Session
April	20	N/A	ASHRAE Webcast
May	TBD	Glen Oaks Country Club	Spring Fling Golf Outing

January	28-1	Las Vegas, NV	2017 Winter Conference
April	20-22	St. Louis, MO	Region VI CRC
June	24-28	Long Beach, CA	2017 Annual Conference



Join us on our 100th Anniversary for the 2017 Chapter Regional Conference in St. Louis!

**[REGISTER NOW](#)**

**WHEN:** 4/20-22/2017 – [Schedule](#) & [Speakers](#) & [After Party](#) (see details below)

**WHERE:** [Hyatt Regency Downtown St. Louis](#): It is directly across the street from the Gateway National Expansion (St. Louis Arch) grounds, and is tied in by the new Gateway Mall project with the Arch grounds. The hotel is 1 block from the Old Courthouse, 2 blocks from the Old Cathedral, 3 blocks from BallPark Village, and 5 blocks from Busch Stadium, home of the Cardinals. Many restaurants, entertainment venues, and public transportation options are all within walking distance.

**HOTEL:** We have a block of rooms reserved at a discounted rate, please using the following link to secure your room:

<https://resweb.passkey.com/go/ASHRAECRC>

The last day to secure a reservation at the discounted rate is **March 23rd, 2017**, so please book early.

We are still seeking sponsors for our upcoming ASHRAE Region VI's Chapters Regional Conference (CRC). The event runs May 3, 2018 thru May 5, 2018 at the Marriott in downtown Des Moines. Our volunteers have been diligently working for over a year now planning this event and securing venue details.

Yes, we are reaching out to you rather early, we are doing so to provide you the most out of your sponsorship. We have had some great response from local businesses and manufacturers. We are a fraction of the way towards our budget for ASHRAE CRC 2018. We strongly encourage you to become an event sponsor. The Grand Champion sponsorship level is still open. Don't hesitate, this provides great advertisement for your firm with engineering firms, contractors, owners, and manufacturer's representatives in the Iowa, Illinois, Minnesota, Wisconsin and Missouri marketplaces.

It takes a lot of financial support to host this conference. We greatly appreciate any level of support you can provide. If you wish to be a Grand Champion or Blue Ribbon sponsor, we ask that you fill out the following form and include payment by January 31, 2017 so we can provide promotional advertisements with your logo for the St. Louis CRC in April 2017.

**Our company would like to pledge the following contribution level to help support the ASHRAE CRC 2018 Conference hosted in Des Moines:**

Mark One	Ribbon Level	Donation Amount
	Grand Champion	\$5,000
	Blue Ribbon	\$2,500
	Red Ribbon	\$1,000
	Yellow Ribbon	\$500
	White Ribbon	\$250
Total:		\$

**Please fill out the information below. We will use this information to coordinate the sponsorship benefits for your organization:**

Company Name:			
Company Contact:			
Street Address:			
City:	State:	Zip:	
Phone:	Email:		

**Please remit payment to our sponsorship chair. Please send this invoice and check to:**

c/o A. J. Allen Mechanical Contractors, Inc.  
 Attn: Luke Miller  
 320 SE 6th Street  
 Des Moines IA, 50309

**Checks may be made payable to: ASHRAE Iowa CRC**

## ASHRAE CRC 2018 Sponsors

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We are at that time of year again where we ask our Members to submit projects for the ASHRAE Technology Awards. For those of you who are unfamiliar, the Technology Awards recognize ASHRAE members who are involved in the design or innovative and energy efficient buildings.

Projects may be new buildings, existing buildings, or commissioning of existing buildings and are divided into six categories:

- Commercial Buildings
- Institutional Buildings
- Health Care Facilities
- Industrial Facilities or Processes
- Public Assembly
- Residential

All projects must be complete and a minimum of one year of energy data must be submitted. Submissions are first reviewed at the Chapter level. Winners from this level are then submitted to the Regional Level. Regional winners may then be submitted to the Society level where winners are then published in the ASHRAE Journal. There are two submission forms, a short form and a long form. The short form is acceptable for chapter and regional level submissions. In order for a project to be able to compete at the Society level, a long form submission must be completed.

Last year's Iowa Chapter winner was Lincoln Pearce for his project at the University of Iowa Football Performance Center. Lincoln's Submission then moved on and was one of the Region 6 new construction winners. You can view Lincoln's long form submission on the [Technology Awards](#) page at the ASHRAE Iowa Website.

This year's Chapter submission deadline is **March 22<sup>nd</sup>, 2017**. More information about the Technology Awards program and submission forms can be found on the [Technology Awards](#) page at the ASHRAE Iowa Website. Projects should be submitted electronically to [Iyhab Hasan](#) or [Peter Ernzen](#). Contact information can also be found on the ASHRAE Iowa Technology Awards page.

The Technology Awards program is a great way for Members to gain recognition for their projects. The program also builds recognition for the member's employers and the owners of the buildings. I encourage all members take a look at their past projects and consider submitting any of them that are innovative or energy efficient.



## ASHRAE Iowa Research Investors 2016-2017

Individual Investors HR = Honor Roll participants \$100 min		42.9% OF GOAL    \$11,412.00 -TO GO!		Company Investors HR = Honor Roll participants \$150 min	
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Mr Patrick E Hart	HR	\$11,500			
Mr Ronald Engelhardt	HR	\$11,000			
Mr James A Lee	HR	\$10,500			
Mr Paul Melton	HR	\$10,000			
Dr Xiaohui Zhou, PE	HR	\$9,500			
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Mr Paul K Melton	HR	\$6,000			
Mr Don Stanek	HR	\$5,500			
		\$5,000			
		\$4,500			
		\$4,000			
		\$3,500			
		\$3,000			
		\$2,500			
		\$2,000			
		\$1,500			
		\$1,000			
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