



TOPICS THIS MONTH

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- President's Corner
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- ASHRAE Learning Opportunities
- ASHRAE CRC 2018
- Research Promotion

THIS MONTH AT ASHRAE

It's not too late to register for the [ASHRAE Webcast](#) or [ASHRAE CRC!!!](#)



Free ASHRAE Webcast 2017

Take Control: Using Analytics to Drive Building Performance

Take Control:

Using Analytics to Drive Building Performance

April 20, 2017 1:00 - 4:00 PM EDT

Major League CRC



PRESIDENT'S CORNER:

Greetings everyone! I'm sure you're all starting to enjoy the warmer weather lately and the outdoor activities that come along with it. We had some great programs for our March Mega-Tech Session, starting with Mark Nunnally, PE, ASHRAE DL, presenting on *Understanding the Basics of Psychrometrics*. We then had a DOAS presentation by Will Ward and a VRF presentation by Steve Blanchard. Thank you to all who attended.

The annual ASHRAE Webcast is coming up on April 20th from 12:00-3:00 CDT. See the following link for more info: <https://www.ashrae.org/membership--conferences/webcasts>. FYI - The Iowa chapter won't be hosting an official webcast viewing meeting this year. Starting next year, we're looking into having an April chapter meeting separate from the webcast. More info to come!

Coming up later this month: the ASHRAE Region VI CRC (Chapters Regional Conference) in St. Louis, MO on **April 20th-22nd**. Join us in helping the St. Louis chapter celebrate their 100th Anniversary! If you are on the fence, please consider attending simply for the sake of maintaining our chapter's sterling reputation. More information and registration is available at <http://ashrae-stl.org/committees/2017-chapter-regional-conference-crc-committee/>. Hurry and sign up, it's just under a week away!

One last thing, registration is now open for our annual Spring Fling Golf Outing. This year's event will be held on May 15th at Glen Oaks Country Club so be sure to get signed-up early!



Andrew Pospisal ([email](#))
ASHRAE Iowa Chapter
President 2016-2017

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www.ashraeiowa.org

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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

Mega-Tech Session

March 22nd, 2017
West Des Moines Marriott

We had some great programs for our Mega-Tech Session in March. Mark Nunnally started the afternoon off with *Understanding the Basics of Psychrometrics*. We then had a DOAS presentation by Will Ward and a VRF presentation by Steve Blanchard. Thank you to everyone who attended.



STEM Festival

April 4th, 2017
Science Center of Iowa

Iowa Chapter members Kit Cartwright, Matt Gumm, and Matt Jesson represented the Chapter at the STEM Festival on April 4th. The fun and educational event attracted 498 attendees. The ASHRAE exhibit includes a fan, damper, controls, and 3 stages of heat (light bulbs). The “levitating” ping pong ball was a huge hit with the kids!



Spring Fling Golf Outing



2017 Spring Fling
ASHRAE Golf Outing
"Shotgun Start"



When: **1:00 PM Monday May 15, 2017**

Where: **Glen Oaks Country Club**

1401 Glen Oaks Drive
West Des Moines, Iowa 50266

www.glenoaksgcc.com

515-221-9000



Costs: Golf: \$100.00 for 18 Holes and Half a Cart

Dinner: \$50.00 Dinner

Dinner & Golf: \$150.00 Total

PLUS

\$5.00 Mulligans
(Limit 4 mulligans per player)

Registering On-Line:

Registration for this event is required on-line. You can sponsor the event, enter all of your teammates and get your mulligans all set up prior to the event. Payment is fast and secure using PayPal or we can accept checks. Please have all payments in for the event no later than the registration deadline or your spot may be given to someone else.

ASHRAE Annual Conference

2017 ASHRAE ANNUAL CONFERENCE

Long Beach, California | June 24–28, 2017



ASHRAE Learning Institute

2017 Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

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

One-part course (3 hours) \$284 (\$219 ASHRAE Member) – – – Two-part course (6 hours) \$484 (\$359 ASHRAE Member)

NEW! Complying with Standard 90.1-2016: Envelope/Lighting
Wednesday, April 5, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: HVAC/Mechanical
Tuesday, April 11, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: Appendix G
Tuesday, April 18, 2017 – 1:00 p.m. to 4:00 p.m.

Air-to-Air Energy Recovery Fundamentals
Wednesday, May 3, 2017 – 1:00 p.m. to 4:00 p.m.

Air-to-Air Energy Recovery Applications: Best Practices
Tuesday, May 9, 2017 – 1:00 p.m. to 4:00 p.m.

Humidity Control: Basic Principles, Loads and Equipment
Tuesday, June 13, 2017 – 1:00 p.m. to 4:00 p.m.

Humidity Control: Applications, Control Levels and Mold Avoidance
Tuesday, June 20, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! New ASHRAE-Classified Refrigerants to Meet
Society's Changing Needs
Tuesday, July 11, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Variable Refrigerant Flow System: Design & Application
Tuesday, July 18, 2017 – 1:00 p.m. to 4:00 p.m.

Advanced High-Performance Building Design
Wednesday, August 9, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Fundamental Requirements of Standard 62.1-2016
Wednesday, September 6, 2017 – 1:00 p.m. to 4:00 p.m.

Laboratory Design: The Basics and Beyond
Tuesday, October 10, 2017 – 1:00 p.m. to 4:00 p.m.

Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems
Monday, October 16, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016
Part I: Wednesday, November 1, 2017 – 1:00 p.m. to 4:00 p.m.
Part II: Tuesday, November 7, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Variable Refrigerant Flow System: Design & Application
Wednesday, November 29, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! New ASHRAE-Classified Refrigerants to Meet
Society's Changing Needs
Tuesday, December 5, 2017 – 1:00 p.m. to 4:00 p.m.

ASHRAE HVAC Design & Operation Training

3 Courses, 7 Days of Intense Instruction

Atlanta • Chicago • Denver • Hartford • Seattle • Toronto

Improving Existing Building Operation - Registration is \$599 (\$499 ASHRAE Member)

Identify ways to improve existing HVAC system efficiencies and reduce utility expenses while maximizing performance of the building systems. This training details proper system operation and maintenance and introduces methods for evaluating potential system improvements.

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 to register and learn how your Chapter can earn PAOE points.

Contact Karen Murray (kmurray@ashrae.org) to discuss scheduling ASHRAE HVAC Training in your Chapter area.

ASHRAE Learning Institute offers three intensive HVAC Design and Operation training sessions that fill the need to improve overall building performance.

Improving Existing Building Operation focuses on the importance of proper operation and maintenance of existing HVAC systems to increase building performance. The training equips attendees with the techniques to assess existing building performance to make their facilities operate more efficiently and economically.

HVAC Design: Level I - Essentials provides intensive, practical training ideal for recent technical or engineering school graduates, engineers new to the HVAC field, those who need a refresher in new technologies, and facility managers, sales representatives and others who want to gain a better understanding of HVAC fundamentals, equipment and systems.

HVAC Design Level II – Applications provides instruction in HVAC system design for experienced HVAC engineers and those who have completed the HVAC Design: Level I – Essentials. The training covers the technical aspects of design and allows participants an opportunity to expand their exposure to HVAC systems applications to increase energy savings and improve indoor environmental quality.

Improving Existing Building Operation Training

City	Dates	Registration
Chicago, IL	May 18-19, 2017	Register

HVAC Design Training

City	Level I	Level II	Registration
Chicago, IL	June 5-7, 2017	June 8-9, 2017	Register

Distinguished Service Award

Congratulations to Iowa Chapter member Dr. Xiaohui Zhou of the Iowa Energy Center on being honored with the Distinguished Service Award by ASHRAE Society. This award recognizes ASHRAE members who have served the Society faithfully and with distinction on committees or have otherwise given freely of their time and talent of behalf of the Society.

2018 ASHRAE Region VI CRC

May 3-5, 2018
Des Moines, IA

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Contact [Luke Miller](#) if you are interested in sponsoring the 2018 ASHRAE Region VI CRC.

ASHRAE Iowa Research Investors 2016-2017					
Individual Investors HR = Honor Roll participants \$100 min		50.4% OF GOAL \$9,912.00 -TO GO!		Company Investors HR = Honor Roll participants \$150 min	
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Mr Odean H Jukam	HR	\$17,000		MMS Inc	HR
Mr Luke Miller	HR	\$16,500		Products Incorporated	HR
Mr Fred Miller	HR	\$16,000		Shive Hattery Engineers	HR
Mr Daniel L Ponxs	HR	\$15,500		Vest-Feld-Hazer & Associates	HR
Mr David Poetting	HR	\$15,000		Hydronic Energy	HR
Mr Brian A Steffens	HR	\$14,500		Hart-Hammer Inc	HR
Mr James Edward Hall	HR	\$14,000		Millennium Technology Of Iowa	HR
Mr Justin J Barrett, PE	HR	\$13,500		Dahl Air Conditioning & Heating , LLC	HR
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Mr Patrick E Hart	HR	\$12,500		Rist & Associates Inc	HR
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Mr Patrick E Hart	HR	\$11,500		A J Allen Mechanical Contractors Inc	HR
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Mr Robert Morris, P.E.	HR	\$3,500			
		\$3,000			
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