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## THIS MONTH AT ASHRAE

### Webcast & Spring Fling Golf Outing

**Dates:**

**Webcast:** Thursday, April 23<sup>rd</sup>  
**Spring Fling:** Monday, April 27<sup>th</sup>

**Schedule:**

**Webcast:** 12:00-3:00 Central  
**Spring Fling:** Registration – Noon  
 Shotgun Start – 1:00

**Location:**

**Webcast:** The Iowa Energy Center is hosting a broadcast viewing or you can view from your computer by visiting [www.ashrae.org/webcast](http://www.ashrae.org/webcast). Please see the registration link below if you would like to join us at the Iowa Energy Center.

**Spring Fling:** Wakonda Club, 3915 Fleur Drive, Des Moines.

**Chapter Meeting/Dinner Cost:**

**Webcast:** @ Iowa Energy Center - Free for ASHRAE Iowa Members and \$20 for Non-Members

**Spring Fling:** \$100/person for golf, \$40/person for dinner. Please consider a company sponsorship to help fund this year's RP Campaign.

**RSVP**

["Click Here"](#) to register for the webcast viewing at the Iowa Energy Center

["Click Here"](#) to register for the Spring Fling Golf Outing

**\*\*Use Coupon Code MEMBER\*\***

The ASHRAE Iowa Chapter has a busy April planned. First this month is our annual webcast on April 23<sup>rd</sup>. Society is providing a broadcast titled "New Tomorrows for Today's Buildings: Existing Building Commissioning."

The Iowa Energy Center has graciously volunteered to host a broadcast viewing. If you would like to attend the viewing at the Iowa Energy Center please follow the link to the left for registration.

Our annual Spring Fling is being held a couple weeks early. The golf committee has been working hard since the fall frolic to secure this venue. We are hosting the golf outing at the historic Wakonda Club.

If you haven't done so already dust your clubs off, get a foursome registered, and come out April 27<sup>th</sup> to help get rid of some cabin fever. You bring the comradery and Wakonda will provide the pristine views.

If you haven't done so already, please sign up to sponsor a hole. This tournament helps provide funding to our Research Promotion campaign.

## PAST PRESIDENTS

Tim Conrad .....	2013-2014
Matt Jesson .....	2012-2013
Kelly Crow .....	2011-2012
Holly Elbert .....	2010-2011
Roger Leshner .....	2009-2010
Kit Cartwright .....	2008-2009
Jerrod Sieverding .....	2007-2008
Jason Kems .....	2006-2007
Chuck Heldenbrand .....	2005-2006
Jeff Gross .....	2004-2005
Ron Engelhardt .....	2003-2004
Dan Zaugg .....	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. McGuiness .....	1951-1952
R.S. Stover .....	1950-1951
D.E. Wells .....	1949-1950
D.C. Murphy .....	1948-1949
C.A. Wheeler .....	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

## President's Corner



Welcome to April of our 2014-15 ASHRAE calendar year. I'm sure everyone is gearing up for another busy and productive cooling season. The thawing weather gives us all motivation to leave our winter hibernation and attend upcoming events on the docket. Once again, our chapter and region have many opportunities for professional and personal development.

Thank you to everyone that attended our March technical session and meeting. This was a rare opportunity to hear from two ASHRAE Distinguished Lecturers in one day: Ron Vallort and Ron Jarnagin. Many of our members took advantage of the occasion to accumulate PDH's for the price of (almost) nothing. Special thanks to the Cedar Valley and Mississippi Valley chapters for coordinating Mr. Jarnagin's visit while he was in the state.

The chapter meeting on **Thursday, April 23<sup>rd</sup>** will include a viewing of the

ASHRAE Webcast titled "New Tomorrows for Today's Buildings: Existing Building Commissioning." The meeting and broadcast will be hosted by the Iowa Energy Center on the Ankeny DMACC campus. See the front page of this newsletter and the website to register.

Coming up in less than a month: the ASHRAE Region VI CRC (Chapters Regional Conference) in Bettendorf, IA on **April 30<sup>th</sup> to May 2<sup>nd</sup>**. This is another in-state CRC, so the Iowa Chapter will need to represent as well as they did last year. If you are on the fence, please consider joining us to help maintain our chapter's sterling reputation. More information and registration is available at <http://www.mississippivalleyashrae.org/crc.php>. Hurry and sign up, early bird pricing ends on April 16<sup>th</sup>.

I look forward to seeing you at our next meeting and the CRC!

Justin Barrett  
ASHRAE Iowa Chapter  
President  
2014-15

## UPCOMING CHAPTER MEETINGS

**April 23<sup>rd</sup>**  
ASHRAE Webcast

12:00 to 3:00 CDT

**April 27<sup>th</sup>**  
Spring Fling Golf  
Outing

Wakonda Club

**April 30<sup>th</sup>-May 2<sup>nd</sup>**  
Region VI CRC

Bettendorf, IA

# New Tomorrows for Today's Buildings: Existing Building Commissioning

April 23, 2015 | 1–4pm EDT



[www.ashrae.org/webcast](http://www.ashrae.org/webcast)



Thomas H. Phoenix,  
P.E., FellowASHRAE,  
BEAP, BEMP



Robert G. Baker,  
OPMP, Fellow  
ASHRAE

This webcast will feature industry experts who will define the benefits of existing building commissioning for the environment, occupants, operations staff, and overall ownership costs. Viewers will be able to recognize the varied scopes of commissioning, when to apply comprehensive versus focused commissioning, and best practices in existing building commissioning specifications & contracting.



James K. Vallort,  
Fellow ASHRAE



Ronald J. Wilkinson,  
P.E., CPMP

## Earn PDHs!

Attend this FREE webcast program and you may be awarded three Professional Development Hours (PDHs).

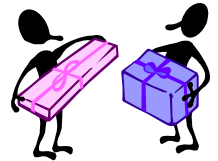






# Sponsorships and Door Prizes

Proceeds will go to ASHRAE RESEARCH PROMOTION and the Iowa Chapter of ASHRAE.



All sponsorships must be requested and paid for by the registration deadline.

Silver - \$100

Gets you a **COLOR SIGN** at a tee box of one of the holes

Gold - \$250

also gets your name on a sponsorship list at the prize table and sponsors a pin event

Platinum - \$1,000

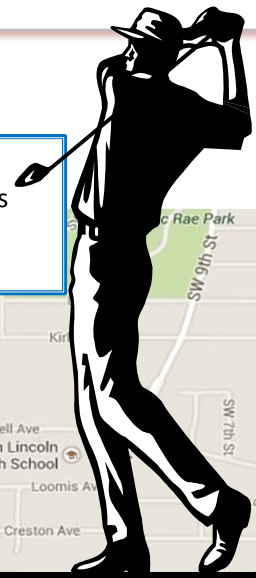
also gets your name at the registration table and sponsors the main door prizes

ALL sponsorship levels will have a portion of the sponsorship go to purchasing door prizes for the event. The main door prize will be given at the end of the event after dinner. You must be present to win.

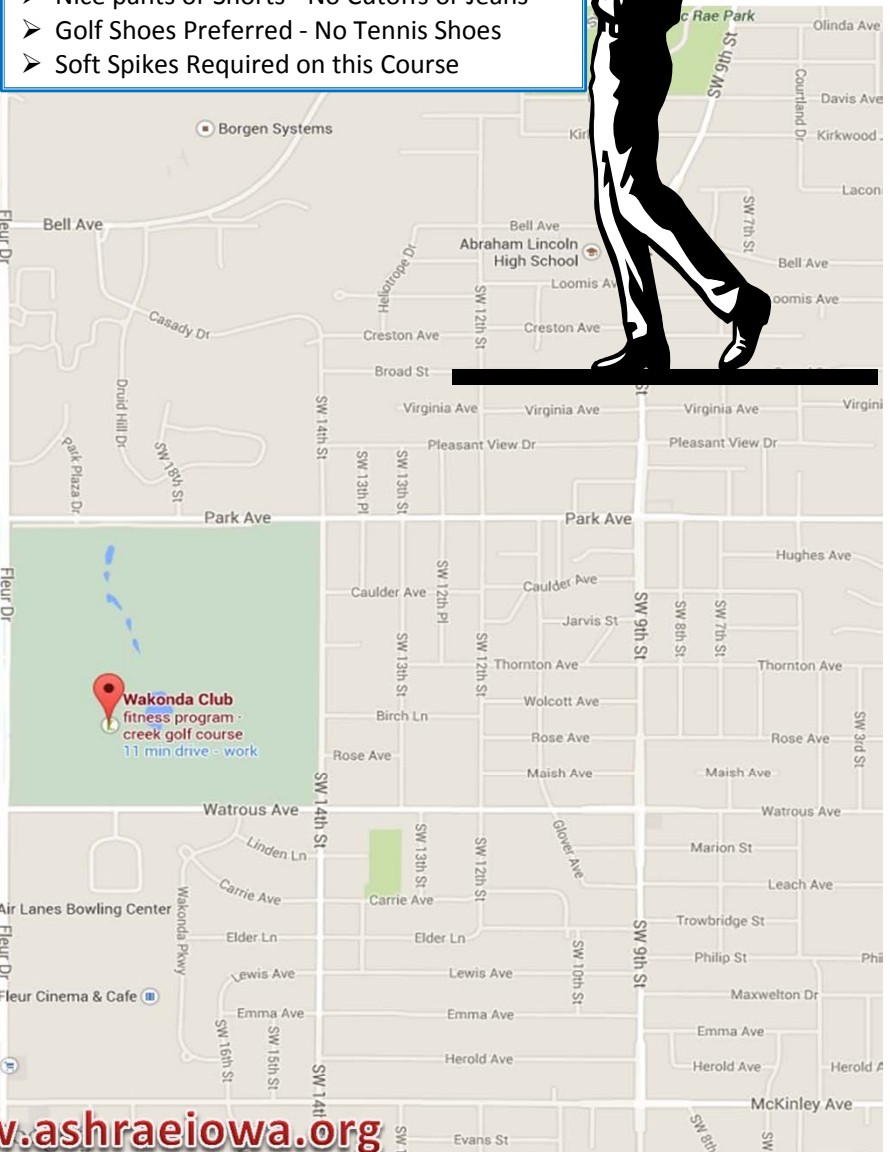
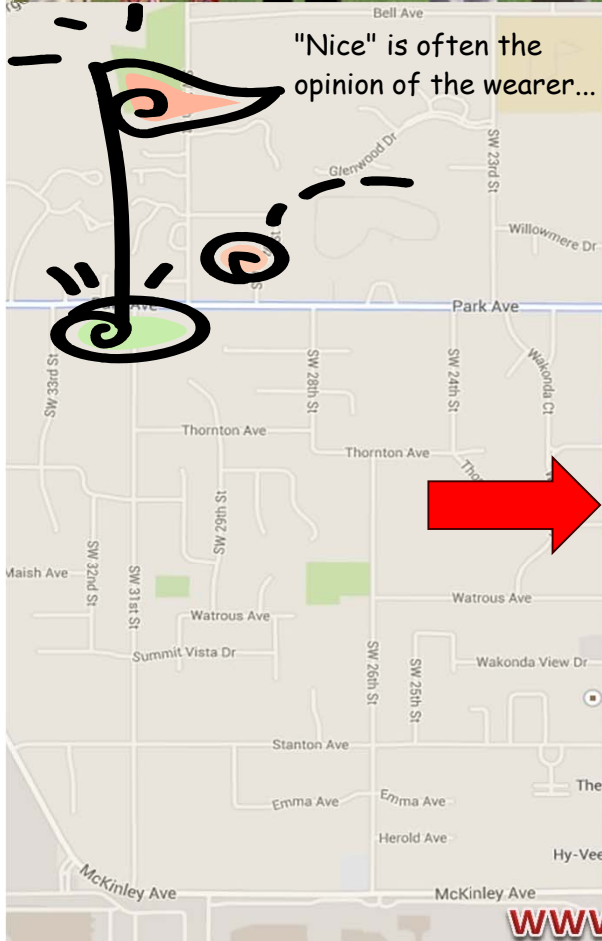
Don't miss the opportunity to be a sponsor for the outing. See our website at [www.ashraeiowa.org](http://www.ashraeiowa.org) for more details and to register on-line. You don't have to put together a team to sponsor the event.

## Dress Code:

- Collared Shirt - No T-Shirts
- Nice pants or Shorts - No Cutoffs or Jeans
- Golf Shoes Preferred - No Tennis Shoes
- Soft Spikes Required on this Course



"Nice" is often the opinion of the wearer...



[www.ashraeiowa.org](http://www.ashraeiowa.org)

## ASHRAE Region VI CRC

### ASHRAE REGION VI CRC

*April 30th - May 2nd*



### Mississippi Valley Chapter of ASHRAE

JOIN US IN

Bettendorf, Iowa

RESERVE YOUR SPOT TODAY

REGISTRATION HAS BEEN EXTENDED

**Register Now**

Procrastinate (Verb): to put off till another day or time; defer, delay.

Procrastinator (Noun). Synonyms: prolong, postpone, engineer.

Early Bird Registration and the Cutoff Date for Hotel Rooms at the Isle have been extended until April 16<sup>th</sup>. Sign up today for the Region VI CRC on April 30<sup>th</sup> through May 2<sup>nd</sup>.

Click on the registration link to obtain more information and to register on line.

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You are receiving this email because you are currently listed as a Member of ASHRAE in Region VI.

## ASHRAE's Attic & Antiques



Have you ever encountered pieces of HVAC history while working on remodel projects? Are you fascinated by the origins of modern HVAC equipment? If so, help us to launch our new section, ASHRAE's Attic & Antiques. We're trying to populate our newsletter and [website](#) with fascinating old photos and historical anecdotes, preferably with a local bent. Send your photos and stories to Tim Conrad at [tconrad@mechsales.com](mailto:tconrad@mechsales.com)

## **Are Ghosts Summoned by Poor IAQ?**

POTSDAM, N.Y.—A team of researchers is examining a possible link between reported ghost sightings and indoor air quality. They say mold can trigger visual and auditory hallucinations. It is known that some fungi, such as rye ergot fungus, may cause psychosis in humans. "Hauntings are very widely reported phenomena that are not well-researched," said Clarkson University associate professor of Civil & Environmental Engineering Shane Rogers. "They are often reported in older-built structures that may also suffer poor air quality. Similarly, some people have reported depression, anxiety, and other effects from exposure to biological pollutants in indoor air. We are trying to determine whether some reported hauntings may be linked to specific pollutants found in indoor air." Rogers' team of undergraduate students plan to measure air quality in several reportedly haunted locations in upstate New York.

## **New National Guidelines Promote Consistent Training for Commercial Building Professionals**

WASHINGTON, D.C.—The U.S. Department of Energy (DOE) has partnered with the National Institute of Building Sciences (NIBS) to develop new guidance designed to enhance and streamline commercial building workforce training and certification programs. The voluntary Better Buildings Workforce Guidelines provide a national framework for certification agencies across the country to roll out consistent programs. They are targeted to professionals who work in energy auditing, building commissioning, building operations and energy management fields. "As building technologies become more advanced, professionals need better training and certification options to increase the quality and scalability of our nation's energy workforce," said Kathleen Hogan, DOE deputy assistant secretary for Energy Efficiency. "Employers, building owners and program administrators can also use these established guidelines to identify qualified workers who are trained to deliver energy savings."

## **Australian Tower to Change With the Weather**

MELBOURNE, Australia—An apartment tower that will light up according to the weather is under construction in Australia. The 40-story Lend Lease building in Melbourne will be linked to the Bureau of Meteorology and will provide an interpretation of weather data every half hour. This will be done via 250,000 diffused LEDs contained in 35 fins that will ascend 50 m (164 ft) vertically along the building. The lights will flicker to simulate conditions such as rain or wind. For example, the lights will move in the direction the wind is blowing. Also, the lights can be programmed to introduce a shadow to make it appear as if the building is moving, as rain would. The technology was designed by Canadian-born lighting designer Bruce Ramus, who has worked on rock shows for artists such as U2, REM, and David Bowie. The building is expected to be completed in early 2017. However, Ramus says if all goes as planned, the lights should be up and running next year.

## 2014-2015 Meeting Dates

MONTH	GENERAL MEETING	
	Topic	Date
July	-	-
August	-	-
September	Fall Frolic Golf Outing – Echo Valley Golf Club	11
October	Student Night / Membership Promotion	22
November	Research Promotion	19
December	Past Presidents / History (joint w/ CSI and SMCI)	15 (Lunch)
January	Membership Promotion	13
February	Resource Promotion	16 (Lunch)
March	Refrigeration	18
April	ASHRAE Webcast	23
April	Spring Fling Golf Outing – Wakonda Club	27

Winter Meeting	<a href="#">2015 Winter Conference – Chicago, IL</a>	Jan 24-28
CRC	Region VI CRC – Bettendorf, IA	April 30-2
Summer Meeting	2015 Annual Conference – Atlanta, GA	Jun 27-1

# ASHRAE 2014-2015 Research Promotion Fund

ASHRAE Iowa Research Investors 2014-2015					
Individual Investors				Company Investors	
HR = Honor Roll participants \$100 min		44.2% OF GOAL	\$10,042.00 -TO GO!	HR = Honor Roll participants \$150 min	
Mr Andrew L Pospisal	(HR)	\$18,000		A. J. Allen Mechanical Contractors Inc.	(HR)
Mr Charles S Heldenbrand	(HR)	\$17,500		C.H. McGuiness Co. Inc.	(HR)
Mr Christopher W Nelson	(HR)	\$17,000		Control Installations Of Iowa Inc.	(HR)
Mr Daniel L Ponxs	(HR)	\$16,500		Hydronic Energy	(HR)
Mr H. Fred Miller	(HR)	\$16,000		Iowa ASHRAE Chapter	(HR)
Mr James A Lee	(HR)	\$15,500		Products Incorporated	(HR)
Mr James Edward Hall	(HR)	\$15,000		System Management & Balancing Inc.	(HR)
Mr Jason E Kems	(HR)	\$14,500		Vest-Feld-Hazer & Associates	(HR)
Mr Jeff Lindell	(HR)	\$14,000		Woodman Controls	(HR)
Mr Justin J Barrett	(HR)	\$13,500			
Mr Kelly G Crow	(HR)	\$13,000			
Mr Kit C Cartwright	(HR)	\$12,500			
Mr Luke Miller	(HR)	\$12,000			
Mr Mark G Conway	(HR)	\$11,500			
Mr Mark W Allen	(HR)	\$11,000			
Mr Matt Gumm	(HR)	\$10,500			
Mr Odean H Jukam	(HR)	\$10,000			
Mr Patrick A Peterson	(HR)	\$9,500			
Mr Paul K Melton	(HR)	\$8,500	\$7,958.00		
Mr Peter Erzen	(HR)	\$8,000			
Mr Richard A. Kapustka	(HR)	\$7,500			
Mr Robert Morris, P.E.	(HR)	\$7,000			
Mr Rodney Heston	(HR)	\$6,500			
Mr Ronald A Engelhardt	(HR)	\$6,000			
Mr Timothy J Conrad	(HR)	\$5,500			
Mr Vince Sanders	(HR)	\$4,500			
		\$4,000			
		\$3,500			
		\$3,000			
		\$2,500			
		\$2,000			
		\$1,500			
		\$1,000			
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Your contribution puts us closer to achieving our goal. Please send what you can today!

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Please accept my research investment in the amount of \$\_\_\_\_\_ CK#\_\_\_\_\_

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**Thank you for your donation!**



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**Urbandale, IA 50323**

Luke Miller is collecting cards for all of the sponsors. If you've paid and don't see your card here or would like to revise the card shown, send a card-sized PNG or JPEG file to: [lukem@ajallen.com](mailto:lukem@ajallen.com)