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THIS MONTH AT ASHRAE

Joint Meeting with CSI & SMCI

Date:

Monday, December 15th

Schedule:

11:15 am: Registration
 11:30 am: Lunch & Meeting

Social Hour:

N/A

Presentation:

Tim Conrad (ASHRAE Iowa President 2013-2014) will provide us with an update on his history project.

Jason Steinbock & Matt Swenka of The Weidt Group will present on "Energy Conservation and Efficiency – Incorporating Energy Modeling into Your Design Process."

Location:

Holiday Inn Downtown
 1050 6th Ave.
 Des Moines, IA 50314

Chapter Meeting/Lunch Cost:

Lunch: Free for ASHRAE IA Members and \$20 for non-members

RSVP

["Click Here"](#) to register for the Lunch

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

Come join us at the Holiday Inn Downtown (Mercy Campus) on Monday, December 15th for our joint luncheon with CSI and SMCI.

This will be our past president's meeting, so don't forget your lapel pins if you're a past ASHRAE Iowa president.

Jason Steinbock and Matt Swenka of The Weidt Group are graciously providing us with thoughts and methods on how to incorporate energy modeling throughout the design process for the lifespan of a building.

See our [website](#) for more information about this meeting.

We hope to see you there!

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 Zaig	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



Hello and Happy Holiday Season. I hope this finds our chapter members well and getting ready for the upcoming festivities. One of those festivities: our annual joint chapter meeting with the Construction Specification Institute (CSI) and Sheet Metal Contractors of Iowa (SMCI). This meeting takes place on **Monday, December 15th**. It will be a lunch meeting focusing on History and honoring our past presidents at the Downtown Des Moines Holiday Inn. Past Iowa Chapter presidents are invited for the annual group photo and we will get an update on Chapter Historian Tim Conrad's history project. The meeting will then conclude with a presentation by Jason Steinbock and Matt Swenka of The Weidt Group titled, "Energy Conservation and Efficiency – Incorporating Energy Modeling into Your Design Process." We hope to see another strong showing from ASHRAE Iowa Chapter for the meeting.

Looking back at November, we were lucky enough to have Gordon Sharp, ASHRAE Distinguished Lecturer,

speak on the topic of laboratory energy reduction. Mr. Sharp was one of the better DL's I have had the chance to see present. If you missed him in Des Moines, I would highly recommend listening to him speak at a winter meeting or CRC. We had very positive feedback on his content. This was another opportunity for cheap, high-quality education: \$10 per PDH for chapter members. In the evening meeting, we heard from Research Promotion co-chair Dan Ponxs on the impact our RP dollars have for our region and the industry.

One more reminder: The ASHRAE Technology Awards season will soon be upon us. Our TEGA Chair, lyhab Hassan, will be sharing information on the awards at the January 2015 meeting. Please contact lyhab, or anyone on the BOG, if you need information. The submission deadline will be in the late winter/ early spring of 2015. Please plan to attend the **January meeting on 1/13/15** at Shive-Hattery's new office. We will have a presentation on Energy Star from Regional Program Manager Craig Bernstein & Bill Good w/DMPS. Mark your calendars and look for more details & registration at www.ashraeiowa.org.

Justin Barrett
ASHRAE Iowa Chapter
President
2014-15

UPCOMING CHAPTER MEETINGS

December 15th
Joint Meeting with
SMCI & CSI. Past
Presidents Meeting.

Lunch Meeting
11:30 to 1:00

Location:
Holiday Inn
Downtown

January 13th
Energy Star
Presentation by
Craig Bernstein

Membership
Promotion/Tech
Award

Location:
Shive-Hattery's
New Office

February 16th
Resource
Promotion

International
Mechanical Code
Update

Location:
Vatterott College

January Meeting (Tuesday the 13th)



Membership Promotion & Tech Awards

Schedule (times still to be finalized):

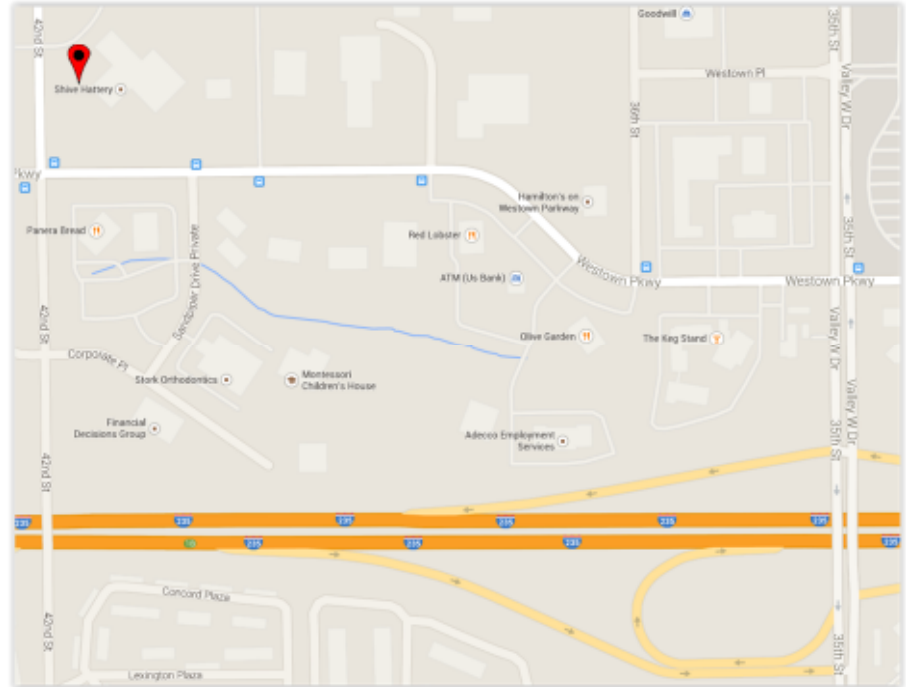
5:00 – 6:00 PM: Social Hour

6:00 – 6:30 PM: Dinner

6:30: Presentation by Craig Bernstein

Location:

Shive-Hattery, Inc.
4125 Westown Parkway, Suite 100
West Des Moines, IA 50266



Please join us January 13, 2015 at Shive-Hattery's New Office Building. Craig Bernstein, Director for the EPA, is going to present on Energy Star. Des Moines Public Schools has been a multiple year recipient of the Energy Star Partner of the Year for Sustained Excellence.

We are very excited to hear what Mr. Bernstein has to share about the Energy Star program and how its success is impacting our communities as well as our careers.

To read more about the Des Moines Public Schools Energy Star Partner of the Year for Sustained Excellence award ["Click Here."](#)

GGAC Update

Iowa Chapter members may have noticed a relatively new committee has been added to the chapter. Beginning with the 2013-2014 year, ASHRAE approved the Grassroots Government Activities Committee (GGAC) with the mission to “establish ASHRAE as a leading source for expertise in the built environment and a resource for policy-makers in the development of legislation and regulations affecting the public, the HVAC&R community, and the engineering profession.” The GGAC is intended to improve the communication between ASHRAE chapters and their local and state governments. The committee will work with the chapter to keep local and state governments updated on HVAC&R related technical issues, as well as keep members informed of government activities of interest to ASHRAE.

The creation of this new committee means that members with policy concerns relative to ASHRAE’s government activities have a voice that can be conveyed by chapter chairs to Regional Vice Chairs and, eventually, to ASHRAE leadership for consideration. In addition, this new organization will allow for the sharing of best practices between chapters and regions, empowering ASHRAE and its members with consistent processes to effectively connect with and influence lawmakers in their community.

For more information on ASHRAE government affairs, please visit their website at <https://www.ashrae.org/government-affairs>. Here you can find information on where ASHRAE stands on policy issues, Congressional briefings, contact information, resources, and more. If you are interested in keeping up with ASHRAE government affairs activities, I recommend registering to receive their bi-weekly e-newsletter at <https://www.ashrae.org/government-affairs/government-affairs-updates>.

David Poetting
ASHRAE Iowa Chapter
GGAC Chair

Education Committee Announcement

HELP ENHANCE STEM EDUCATION AT SOUTHEAST POLK SCHOOLS

By Kit Cartwright, Education Chair

Part of our mission as an ASHRAE chapter is to help students discover the variety of careers available to them in Science, Technology, Engineering, and Mathematics (STEM). Southeast Polk School District has recently incorporated a strong STEM program into their middle school curriculum. Every student that attends Southeast Polk schools will take a Design and Modelling class in the 6th grade and an Automation and Robotics class in the 7th grade. Southeast Polk plans to eventually expand their STEM program all the way from Kindergarten through High School.

ASHRAE members can support Southeast Polk in their STEM initiative in a number of ways:

- Sharing career experience to students in the classroom.

- Mentorship opportunities for students and teachers.

- Conduct field trips to your business.

- Donate materials such as building supplies, PVC pipe, lumber, etc.

Financial support to cover STEM material costs.

If you have any interest in contributing, please contact Kit Cartwright at kccartwright@trane.com.

ASHRAE Iowa November Meeting



Gordon Sharp, an ASHRAE Distinguished Lecturer, educated us on viable ways to reduce energy in laboratories. As Justin mentioned in the President's Corner, this was a very enlightening presentation. Many people spoke highly of his presentation.

A special thank you goes to Woodman Controls (Pictured Bottom Right) for sponsoring our cocktail hour.

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

The HVAC&R Industry

Stanford Team Invents 'Mirror' to Beam Heat From Buildings Into Space

PALO ALTO, Calif.—Stanford University engineers have developed a coating material that can help cool buildings, even on sunny days, by radiating heat away from the buildings and sending it into space. The heart of the invention is an ultrathin, multilayered material that acts as a passive radiator system that can lower the temperature of anything that it is placed on by up to 5°C (9°F). The researchers say they designed the material to ultimately be cost-effective for large-scale deployment on building rooftops. They think the coating might be sprayed on a more solid material to make it suitable for withstanding the elements. The study is published in the journal *Nature*.

Manufacturer Says 'Rope-Free' Elevator System Could Revolutionize Buildings Industry

ESSEN, Germany—German manufacturer ThyssenKrupp claims to have developed the world's first "rope-free" elevator system. The company says its MULTI elevator technology could enable several cabins to move vertically and horizontally in the same shaft without any cables by using a direct-drive mechanism—similar to a subway system—running in a constant loop. The elevator system uses the inductive power transfer technology of magnetic levitation trains. The company says the system could increase shaft transport capacity and reduce the elevator footprint by up to 50% each. Also, in its release, the company states "Several cabins in the same shaft moving vertically and horizontally will permit buildings to adopt different heights, shapes, and purposes." ThyssenKrupp expects the first MULTI unit to begin test runs by 2016.

Nations Moving Toward Limits on HFCs

PARIS—Progress towards consensus was achieved at the 26th Meeting of the Parties (MOP) to the Montreal Protocol, held late last month. The nearly 200 countries represented agreed to hold informal discussions on hydrofluorocarbons (HFCs) in a structured manner. An agreement was made to hold a meeting in April 2015 together with a workshop to discuss the management of HFCs. On Nov. 28, the European Union's (EU) new Climate Commissioner, Miguel Arias Cañete, announced that the EU is considering submitting a formal proposal to amend the Montreal Protocol in 2015. During the MOP, India and China reversed course to now support efforts by the U.S. to expand the Montreal Protocol to cover HFCs. The shift by the world's two most populous nations is seen as a hopeful sign for advocates of reductions in HFCs.



Join ASHRAE at its **Winter Conference** in
Chicago, Jan. 24–28 **and AHR Expo** Jan. 26–28

- Gain personal and career excellence through peer contact, exchange of technical information and continuing education.
- 20 high-quality, authoritative Professional Development Seminars and Short Courses presented by the ASHRAE Learning Institute.
- Visit the World's Largest HVAC&R Marketplace. The AHR Expo brings the entire industry together to see the latest products and technology, learn about innovations and trends that are shaping the future, and build new relationships.
- With the Conference being held in the big city of Chicago, the Technical Program itself is going big with a focus on big projects, the big picture and big impacts. Eight tracks are featured.
- Gain valued credentials held by top engineers via ASHRAE's six Certification programs.
- See the technology you help create first-hand via a Technical Tour.

Special first time attendee
registration fee available!
Advanced registration,
offering the lowest rates,
ends Nov. 3.

**REGISTER
EARLY!**



www.ashrae.org/chicago | www.ahrexpo.com

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	16
April	ASHRAE Webcast	16
May	Spring Fling Golf Outing	21

Winter Meeting	2015 Winter Conference – Chicago, IL	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 HR = Honor Roll participants \$100 min	12.8% OF GOAL \$15,692.00 -TO GO!	Company Investors HR = Honor Roll participants \$150 min
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Mr. Daniel L Ponxs (HR)	\$13,000	
Mr. H Fred Miller (HR)	\$12,500	
Mr. James Edward Hall (HR)	\$12,000	
Mr. Jason Kems (HR)	\$11,500	
Mr. Jeff Lindell (HR)	\$11,000	
Mr. Justin J Barrett, PE (HR)	\$10,500	
Mr. Kelly G Crow (HR)	\$10,000	
Mr. Kit C Cartwright (HR)	\$9,500	
Mr. Luke Miller (HR)	\$9,000	
Mr. Mark G Conway (HR)	\$8,500	
Mr. Matt Gumm, PE (HR)	\$8,000	
Mr. Rodney Heston (HR)	\$7,500	
Mr. Vince Sanders (HR)	\$7,000	
	\$6,500	
	\$6,000	
	\$5,500	
	\$5,000	
	\$4,500	
	\$4,000	
	\$3,500	
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Urbandale, IA 50323
PHONE: 515-964-0904
dponxs@woodmaninc.com

Thank you for your donation!



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