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## Iowa Stalks Monthly Newsletter - December 2017

If you have any thoughts, suggestions, or concerns about the newsletter please contact Iowa Chapter Secretary Adam Puls at [apuls@shive-hattery.com](mailto:apuls@shive-hattery.com). Additional changes will likely appear in the coming newsletters while we adapt to this new service and format a template for future use. Thank you!

### This Month at ASHRAE Iowa

#### Joint meeting with SMCI and CSI

**Date:** Monday, December 11<sup>th</sup>

**Where:** Downtown Holiday Inn

**Presentations:**

- Building Envelope Performance Specifications

**Presenters:**

- David Ruffcorn, AIA

## President's Corner

Season's Greetings!

It is hard to believe that 2017 is almost behind us. We are at the halfway mark of this society year. A huge thank you goes out to everyone that has made it to a meeting this year or has found a way to get involved with our local ASHRAE chapter.

This newsletter is being issued about the same time as this month's chapter meeting. This month we have our annual joint meeting with CSI and SMCI at the Holiday Inn Downtown. CSI has lined up an excellent speaker for the December meeting. David Ruffcorn with the State Fire Marshall's Office will be presenting on building envelope systems. This will be an interesting topic that will appeal to all three organizations. We will also be honoring our past president Andrew Pospisal for his dedication and services to our chapter.

We understand that there are a lot of requests this time of year for donations. If you're looking for a way to donate back to the HVAC industry, please considering donating to ASHRAE RP. By contributing to the ASHRAE Iowa Endowment, that helps keep your funds local to our chapter as well. ASHRAE is a 501c3 organization, your gifts are tax deductible.

### ASHRAE Iowa Chapter

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

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January meeting. We will be heading over to Baker Group's Office to tour their new state of the art facility.

The members of the ASHRAE Board of Governors would like to extend well wishes to you and your families this holiday season.

Luke Miller ([email](#))  
Iowa Chapter President 2017-2018

### GGAC

Matt Jesson

### Historian

Andrew Pospisal

### Honors & Awards

Matt Gumm

### Membership

Tim Conrad

Mitch McColloch

### Product Directory

Holly Elbert

### Refrigeration

Justin Barrett

### Research Promotion

Michael Gustafson

Dan Ponxs

### Student Activities

Emmett Konrad

Mike Wolfe

### TEGA

Peter Ernzen

Matt Swenka

### YEA

Heidi Turner

## Past Presidents

Andrew Pospisal 2016-2017

Matt Gumm 2015-2016

Justin Barrett 2014-2015

Tim Conrad 2013-2014

Matt Jesson 2012-2013

Kelly Crow 2011-2012

Holly Elbert 2010-2011

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

Jerrod 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

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

## Upcoming Meetings

**Date:** Wednesday, January 17th

**Location:** Baker Group's Office 1600 SE Corporate Woods Drive, Ankeny, IA 50021

**Topic:** Join us for dinner, a discussion of Innovative Fabrication Methods, and a tour of Baker's new fabrication facility.

More details to come!

## Iowa Chapter Future Meetings

Month	Date	Location	Topic
September	29	The Legacy Golf Club	Fall Frolic Golf Outing
October	18	Ramada Tropics	Membership & RP Night
November	15	Ames	Student Night
December	11	Holiday Inn	SMCI / CSI Joint Meeting
January	17	Baker Group Offices	Advanced Prefabrication Techniques & Tour
February	15	Hotel Renovo	Refrigeration DL Presentation
March	28	TBD	MP, RP, & History Project
April	19	TBD	ASHRAE Webcast – Myths About Energy Efficiency
May	TBD	TBD	Spring Fling Golf Outing

## Society & Region Events

Month	Date	Location	Topic
January	20-24	Chicago, IL	2018 Winter Conference
May	3-5	Des Moines, IA	Region VI CRC
June	23-27	Houston, TX	2018 Annual Conference

## Last Month's Meeting in Review

### November Student Chapter Meeting

Olde Main hosted dinner as we met with the ISU student chapter members. Students were able to participate in a discussion with an industry panel comprised of Iowa

Luke Miller of A J Allen, Brian Steffens of Shive-Hattery, Matt Jesson of Systems Management & Balance, and Matt O'banion of Mechanical Sales.

Student members had the opportunity to apply for scholarships and ASHRAE Iowa is proud have presented four \$1,000 scholarships to Michael Seymour, Nick Steinmetz, Garrett Duncan, and Dmitry Baycharov. Scholarships were presented by Mike Wolfe of Baker Group.





unique opportunity to learn about ISU's energy production, consumption, and savings.

## November YEA Hockey Game

The Young Engineers in ASHRAE (YEA) group hosted an event at an Iowa Wild Hockey game. Around 25 hockey fans packed the Hall of Fame suite to watch the Wild take on the Milwaukee Admirals. The Wild ended up losing, but the YEA event was an absolute success!



**Research Promotion**

**Thank you for your donation!**



## Technology Awards

### Market 1 Technology Awards

**2018 Society Level – First Place**

**2017 Region VI – First Place**

**2017 ASHRAE Iowa Chapter – First Place**

The Market 1 project is one of only seven Society Level first place winners for 2018 and competed with submissions from across the world. As a first place Society Level winner, design team members Holly Stevens and Mark Hersch and Building Owner, Justin Doyle, have been invited to the 2018 ASHRAE Winter Conference in Chicago to receive their award. The Market 1 project will also be featured in the March 2018 issue of the ASHRAE Journal.

You can read Marks submission on the [Technology Awards](#) page on the ASHRAE Iowa website.

Congratulations to Mark and the entire Market 1 team!

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### 2018 ASHRAE Iowa Chapter Awards

We are currently accepting submissions for the 2018 AHSRAE Iowa Chapter Technology Awards. This year's Chapter submission deadline is **March 1<sup>st</sup>, 2018**. 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 Peter Ernzen or Matt Swenka. Contact information can also be found on the ASHRAE Iowa Technology Awards page.

#### **NEW FOR THIS YEAR**

For this year we will be giving out **\$100 prizes** for the first-place winner in each of the submission categories. There are six categories and six possible prize winners. The categories are:

- 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. Society level winners, like the Market 1 project, are published in the ASHRAE Journal and honored at the annual Winter Conference. 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.

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. The Board of Governors encourages all members to consider submitting any innovative or energy efficient projects.

## What's new in the Iowa Chapter?

The State of Iowa Engineering and Land Survey Examining Board has a new online system for license renewal. Those that have completed their renewals have reported that it is convoluted and more time intensive than before. You will be required to provide details on every continuing education credit (CEU) or professional development hour (PDH) as well as upload all of your certificates of completion. You may have to open a new account with the Iowa Professional Licensing Board, so do not delay!

[Start Your Renewal Here](#)

### [Registration Opens for 2018 ASHRAE Winter Conference, AHR Expo](#)

Registration is open for the 2018 ASHRAE Winter Conference, to be held in Chicago on Jan. 20–24, at the Palmer House Hilton. Registration is also open for the ASHRAE-cosponsored AHR Expo, to be held Jan. 22–24 at Chicago's McCormick Place. The ASHRAE Winter Conference features a technical program with more than 200 presentations and 300 speakers in eight conference tracks. The Conference also will include tours, social events, and keynote speaker Debbie Sterling, founder and CEO of GoldieBlox. In addition, ASHRAE Learning Institute (ALI) will offer two full-day, and five half-day seminars during the conference.

**Register by January 2nd to Save \$130**



[\*\*Register for Winter Conference Here\*\*](#)

Are you considering going to Chicago for the 2018 Winter Conference? If so, consider joining your fellow Region VI members at the Region V and VI Winter Conference Dinner at Maggiano's on Sunday, January 21st.

[\*\*More Information for the Winter Conference Region V & VI Dinner Here\*\*](#)

YEA and Student members attending the Winter Conference should consider going to the YEA/Student Mixer on Saturday, January 20th from 5-6:30pm and visiting the YEA Hospitality Suite on Sunday, January 21st from 4-6pm.

Other YEA opportunities include the Spring 2018 YEA Leadership Weekend scheduled for March 23-25 in Seattle. This event is open to any YEA member who wants to focus on personal development and soft skills. Registration is limited to 30 attendees, so be sure to sign up before the event sells out!

## Industry News



ASHRAE President Bjarne W. Olesen, Ph.D (left) Receiving the Award

*Photo by Francis Dejon| IISD/ENB*

### **ASHRAE Earns Prestigious UN Environment Award for Dedication in Advancing Montreal Protocol**

**ATLANTA (Nov. 27, 2017)** – ASHRAE has received the prestigious Partnership Award from the United Nations Environment Programme's (UN Environment) Ozone Secretariat for its extraordinary commitment and contribution to the progress and achievements of the Montreal Protocol on Substances that Deplete the Ozone Layer, which is celebrating its 30<sup>th</sup> anniversary.

The award was presented to ASHRAE at the 2017 Ozone Awards ceremony on Nov. 23 in Montreal. The Partnership Award recognizes the work of civil society and other international organizations that have played a critical role in the development of the

"We could not be more pleased to have earned this recognition. Receiving the Partnership Award is a great honor and acknowledgment of the tireless work ASHRAE and our members are doing to support the phase-out activities of ozone-depleting substances around the world," said 2017-2018 ASHRAE President Bjarne W. Olesen, Ph.D. "We are proud to be a part of this initiative and look forward to continuing our partnership with UN Environment as we work toward a more sustainable built environment."

Commonly referred to as "the treaty that saved the ozone layer," the Montreal Protocol, signed in 1987, is an international agreement designed to substantially reduce emissions of substances that deplete the stratospheric ozone layer. The Protocol has led to the phase-out of more than 99 percent of nearly 100 ozone-depleting chemicals and significantly contributed to climate change mitigation, according to UN Environment.

"I congratulate ASHRAE for this well-deserved award honoring its exceptional efforts to support the advancement of technologies which help protect the ozone layer. We appreciate the organization's dedication to the Montreal Protocol and its contribution to the success of the treaty," said Tina Birmpili, head of the Ozone Secretariat.

ASHRAE's partnership with UN Environment has been highly transparent and visible since it began and has been recognized with appreciation by governments around the world as well as the HVAC&R industry. Through ASHRAE's more than 56,000 members in more than 100 countries, the Society has mobilized its resources to develop, implement and support UN Environment and Montreal Protocol projects.

Most recently, ASHRAE and UN Environment launched a work plan titled, "Working Beyond High Global Warming Potential (GWP) Refrigerants." It is the organizations' fifth joint biennial work plan and is another tangible example of ASHRAE's dedication to promote the Montreal Protocol by leading the way in research to identify effective refrigerant alternatives with low GWP.

Another way ASHRAE is leading this charge is through its collaboration with the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) and the U.S. Department of Energy (DOE). Through a \$5.2 million joint investment, the three organizations are funding vital research to expedite findings and establish a more robust fact base about the properties and use of flammable refrigerants, which will also help update international standards.

Short on time and PDHs? Check out ASHRAE eLearning for more than 90 courses available on your computer. These courses have been created by HVAC&R professionals using ASHRAE's extensive pool of knowledge and most courses are recognized PDHs by AIA and GBCI (confirm with licensing body for specifics). Course options include:

- Introduction to Refrigerants
- Refrigerant Selection
- Refrigerant Management
- Ethics for the Built Environment Professional Engineer
- Standard 62.1-2013: Natural Ventilation Procedure
- Using Standard 90.1-2010 to Meet LEED Requirements
- Building Information Modeling
- Humidity Control Design: Basic Principles, Loads and Equipment
- Standard 189.1 for High-Performance Green Buildings - Energy Efficiency
- School of Hard Knocks: Controlling Moisture & Humidity in Buildings

[Click Here for More Details](#)

ASHRAE Learning Institute offers four intensive HVAC Design and Operation training sessions that fill the need to improve overall building performance. From HVAC Design Essentials to Improving Existing Building Operations there is a course that could benefit you. These training sessions are held in person across the country and the world.

[Click Here for More Details](#)

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## Chapter Regional Conference

The CRC committee continues to plan the event to ensure that have a great time and have the opportunity to gain valuable knowledge and professional development hours in central Iowa. The technical tracks are forming and the special events are being





If you would like to get involved please contact [Jason Kems](#).

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