



Iowa Stalks Monthly Newsletter - April 2018

If you have any thoughts, suggestions, or concerns about the newsletter or its format, please contact Iowa Chapter Secretary Adam Puls at apuls@shive-hattery.com.
Thank you!

This Month at ASHRAE Iowa

April Chapter & YEA Meeting

Date: Wednesday, April 18th

Where: Val Lanes
100 Ashworth Rd West Des Moines, IA 50265

Presentations:

- Andrew Pospisal will present his history project
- Chapter Regional Conference (CRC) update

Schedule:

- 5:00 – Announcements
- 5:30 – Bowling Tournament

Cost: \$5 to cover the cost of bowling, drinks, and pizza

Bowling: Singles bowling tournament with prizes for 1st, 2nd, and 3rd place. Separate tournament for YEA members.

[Register Here](#)

April Webcast

Date: Thursday, April 19th

Where: Your desk!

Presentation:

Is advanced technology alone solving the case for energy efficiency? Delivering meaningful energy efficiency in buildings often requires debunking myths about building products, performance and solutions. This webcast will focus on strategies and policies that dive into deep efficiency goals. Featured ASHRAE speakers will address myths and realities they've discovered through real life experiences. Viewers will learn how a practical design approach can help achieve optimum energy performance in commercial and high-rise residential buildings across the globe. With varying climates and economies, one must consider a holistic approach when assessing a building and its systems.

Webcast will be available on demand from April 20th - May 4th, 2018



Making Energy Efficiency a Reality

ASHRAE Webcast | April 19, 2018

[More Information & Registration](#)

President's Corner

Greetings! Thank you to everyone who made it to our Membership Promotion Luncheon. If you were unable to attend or know of someone interested in becoming a member of ASHRAE, please put them in touch with Tim Conrad or Mitch McColloch (our membership promotion chairs).

Coming up on April 18th, we are hosting our first ever bowling tournament. There is still time to register, please do so. Admission is \$5 for bowling, shoes, food, beverages, prizes, etc. This will be a fun event, our Young Engineers in ASHRAE (YEA) will also be in attendance. Share this event with your co-workers, as we hope this becomes an annual event. [Click Here](#) to register.

ASHRAE Iowa Chapter

www.ashraeiowa.org

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We all could use some warm, happy thoughts. What better way then to recruit your team for the ASHRAE Spring Fling Golf Outing. May 14th, we will be hosting our golf outing at Hyperion Field Club. Our golf committee is working hard with Mother Nature to get some warm, sunny weather. [Click Here](#) to register your golf team and or commit your corporate sponsorship.

Extended Early Bird Registrations for CRC are expiring soon. The registration fees after the early bird rate are still a great return on investment. Between our ASHRAE Learning Institute (ALI) Short Course on Thursday and our Technical Sessions on Friday there is an opportunity to earn 9 professional development hours. Make sure to sign up for the evening events as well, this event will be unlike any other CRC. We hope you can join us and help us promote the Iowa Chapter to our guests that will be in attendance. [Here is a link to our CRC Webpage.](#)

Our GGAC committee has been following the status of SF2311 through the Iowa Legislature. The bill is still under discussion in the House. Several amendments were recently issued through this bill. If you have a stance on this topic, please contact your local legislature to express your platform. Contact any BOG member if you would like further information.

In closing, Dean Jukam, a close friend and co-worker to many of us in the mechanical industry, recently passed. Dean owned and operated Systems Management for several decades until the early 2000s. He was an active member in our mechanical community, he will greatly be missed.

Adam Puls

- Committee Chairs –

Attendance

Dan Zaug

Auditing

Joe Moench

CTTC

Matt O'Banion

Tyson Scheidecker

eCommittee

Jason Kems

Education

Kit Cartwright

Roger Leshner

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 Erzen

Matt Swenka

YEA

Heidi Turner

See you April 18th at Val Lanes!

Luke Miller

Iowa Chapter President (2017-2018)

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

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 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

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

Gary Reynolds 1987-1988	C.A. Wheele 1947-1948
Dennis Hogan 1986-1987	E.O. Olson 1946-1947
Eugene Zefron 1985-1986	B.E. Landes 1945-1946
Donald Hagge 1984-1985	W.W. Stuart 1944-1945
Robert Rist 1983-1984	C.W. Helstrom 1943-1944
Joseph Proctor 1982-1983	P.E. Triggs 1942-1943
Mark Allen 1981-1982	Perry LaRue 1941-1942
Curtis Klaassen 1980-1981	R.A. Norman 1940-1941
Gerald Anderson 1979-1980	Tracy Johnson 1939-1940
C.W. Miller 1978-1979	W.R. White 1938-1939
Richard South 1977-1978	

Upcoming Meetings



ASHRAE Iowa Chapter

2018 Spring Fling ASHRAE Golf Outing "Shotgun Start"



When: 1:00 PM Monday May 14, 2018

Where: Hyperion Field Club

7390 NW Beaver Dr.
Johnston, IA 50131

(See Map on Back)

www.hyperionia.com

515-278-4711



Costs: Golf: \$80.00 for 18 Holes and Half a Cart
Dinner: \$40.00 Dinner
Dinner & Golf: \$120.00 Total

PLUS

\$5.00 Mulligans
(Limit 4 mulligans per player)

Send payment to: (Please make Checks payable to **ASHRAE Iowa Chapter**)

Jeff Hammer by Monday May 7, 2018

Mail to: Hart-Hammer, Inc.

529 Elm Street
West Des Moines, Iowa 50265

Attn: **Jeff Hammer**

Phone - (515) 277-6305

Fax - (515) 277-3069

jhammer@HartHammer.com

SEE
BELOW TO
REGISTER
ONLINE

- Dinner will follow immediately after golf
- Soft spikes are required on this course
- Cash Bar the entire event**
- 1st Place Individual Trophies
- 1st Place Traveling Trophy
- Pin Events / Betting Hole
- Door Prizes - Don't Forget to Sponsor
- DRESS CODE - See reverse**

Players: (Complete and fax / mail / email) - ALL FEES REQUIRED PRIOR TO THE DEADLINE

Name	Golf	Dinner	Mulligans	Total
1. _____	\$ _____	+ \$ _____	+ \$ _____	= \$ _____
2. _____	\$ _____	+ \$ _____	+ \$ _____	= \$ _____
3. _____	\$ _____	+ \$ _____	+ \$ _____	= \$ _____
4. _____	\$ _____	+ \$ _____	+ \$ _____	= \$ _____
_____		For Golf Sponsorship		= \$ _____
(Company Name)		(See Reverse)		

Register Online!

Check No. **Make Payment for: \$**

For Credit Card Payments:

If you would like to pay by credit card, we would ask that you register and pay on-line at our registration website under the Event Registration tab. If you would prefer to pay with a credit card over the phone, please call the number above and ask for Jason Kems or Jeff Hammer. You may use Visa, Master Card or American Express.

Registering On-Line:

Registration for this event is required online. 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.

www.ashraeiowa.org



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 - \$500

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 prizes 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 for more details and to register on-line. You don't have to put together a team to sponsor the event.

Dress Code:
"Nice" is often the opinion of the wearer...

- 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

www.ashraeiowa.org

Register Your Team Here!

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	Noah's Ark	MP, RP, & History Project
April	18	Val Lanes	Chapter Meeting and Bowling Tournament
April	19	At Your Desk!	ASHRAE Webcast - Myths About Energy Efficiency
May	14	Hyperion Field Club	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

Membership Promotion and Reasearch Promotion Lunch Meeting

The goal of this meeting was to bring in non-members to a chapter meeting and expose them to the benefits of joining the ASHRAE Iowa Chapter. Information about MP, RP, and CRC was shared. There was good attendance from members and non-members alike.



Chapter President Luke Miller addressing the group and thanking members and non-members for their attendance and interest in the ASHRAE Iowa Chapter.



CRC Chair, Jason Kems, presenting on the progress of the CRC planning and sharing with the group the many opportunities for learning and fun available to CRC attendees.



RP Co-Chair, Dan Ponxs, sharing the progress and importance of the Iowa Chapter's fundraising campaign thus far. RP fundraising has been slower than in past years, so if you or your company are considering donating, please don't wait. Your donations make an impact nationally, regionally, and locally. Current RP projects are taking place at Iowa State University.

Research Promotion

The end of the ASHRAE Society year is coming up quickly. Please consider donating to RP if you haven't already. Any donation is helpful and appreciated. If you have any specific questions about how your donated money will be used, please contact [Dan Ponxs](#).

ASHRAE Iowa Research Investors 2017-2018					
Go to http://ashraerp.com to donate online. Please contribute all donations to the Endowed Research via ASHRAE Foundation.					
Individual Investors				Company Investors	
HR = Honor Roll participants \$100 min		46.6% OF GOAL \$10,675.00 -TO GO!		HR = Honor Roll participants \$150 min	
Mr Eric R. Peterson	HR	\$20,000		AJ Allen Mechanical Contractors Inc.	HR
Mr Mark G. Conway	HR	\$19,500		Woodman Controls	HR
Mr Jason E. Kems	HR	\$19,000		ASHRAE Iowa Chapter	HR
Mr Corey B. Metzger	HR	\$18,500		Vest-Feld-Hazer & Associates	HR
Mr Michael K. Gustafson	HR	\$18,000		Systems Management & Balancing Inc.	HR
Mr Luke Miller	HR	\$17,500		Products Inc.	HR
Mr Rodney Heston	HR	\$17,000		Dahl Air Conditioning & Heating, LLC	HR
Mr Brian A. Steffens	HR	\$16,000		Hydronic Energy	HR
Mr Daniel L. Ponxs	HR	\$15,500		C. H. McGuiness Co. Inc.	HR
Mr Justin J. Barrett, PE	HR	\$15,000		Raymon-Danco Air Distribution Equipment	
Mr David Poetting	HR	\$14,500		Millennium Technology of Iowa	HR
Mr James Edward Hall	HR	\$13,500		Central Iowa Chapter of Sheet Metals Contractors	
Mr Adam Puls	HR	\$13,000			
Mr Daniel V. Zaug	HR	\$12,500			
Mr. Paul K. Melton	HR	\$12,000			
Mr. Fred Miller	HR	\$11,500			
Mr. Tyson Scheidecker	HR	\$11,000			
Mr. Andrew L. Pospisil	HR	\$10,500			
Mr. Andrew L. Pospisil	HR	\$10,000			
Mr. Christopher W. Nelson	HR	\$9,500			
Mr. James A. Lee	HR	\$9,000			
Mr. Matthew S. Jesson	HR	\$8,500			
Mr. Peter J. Erzen	HR	\$8,000			
Mr. Peter J. Erzen	HR	\$7,500			
Mr. Richard A. Kapustka	HR	\$7,000			
Mr. Richard A. Kapustka	HR	\$6,500			
Mr. Edward S. Belcastro	HR	\$6,000			
Mr. Odean H. Jukam	HR	\$5,500			
Mr. Patrick E. Hart	HR	\$5,000			
Mr. Don Stanek	HR	\$4,500			
Mr. Don Stanek	HR	\$4,000			
Mr. Robert Morris	HR	\$3,500			
Dr. Margaret M. Mathison	HR	\$3,000			
		\$2,500			
		\$2,000			
		\$1,500			
		\$1,000			
		\$500			
		\$0			

As you can see we are still tracking short of our goal for this year's RP donations. Please consider donating on behalf of yourself or your company!

This year, the BOG is encouraging you to donate online in an effort to save paper and increase the efficiency of the RP donation process. Please visit the ASHRAE RP Donation page [here](#). ASHRAE provides options for you to determine where to place your donation. The Iowa Chapter is looking to increase its endowment and would appreciate it if you would place your donation in the box available next to "Endowed Research via ASHRAE Foundation", check the box indicated that you understand that those funds are restricted for the support of ASHRAE Research, and put "Iowa Chapter" in the "Existing Fund Name (If known):" box. From there it's as simple as any other online purchase with a credit card.

Don't forget that ASHRAE is a 501(c)(3) organization. Contributions are deductible as allowed by law.

A receipt will be sent to the address listed above.

If you would still prefer to donate by check or have any further questions about the donation process, please contact dponxs@woodmaninc.com.

Thank you for your donation!

What's new in the Iowa Chapter?

Iowa Legislature Considering Energy Efficiency Bill

The Iowa Senate recently passed a bill that could have a significant impact on energy efficiency in our state. This bill, Senate File 2311, is now in the House of Representatives and currently going through the amendmant phase. If passed, it could effectively reduce or eliminate the popular energy rebate programs currently offered by public utilities. ASHRAE Iowa Chapter members are strongly encouraged to educate themselves on this legislation, and to voice their opinion to their Representatives. Read the bill in its entirety [here](#), and find your State Representative [here](#).

Iowa Chapter Technology Awards

This year we have three 2018 AHSRAE Iowa Technology Awards first place winners!

Health Care Facilities – New Category

Broadlawns Medical Center East University Medical Clinic – Tyson Scheidecker

Commercial Buildings – New Category

Fairfield Inn & Suites, Altoona – Jake Cunliffe

Institutional Buildings – Educational Facilities – Existing Category

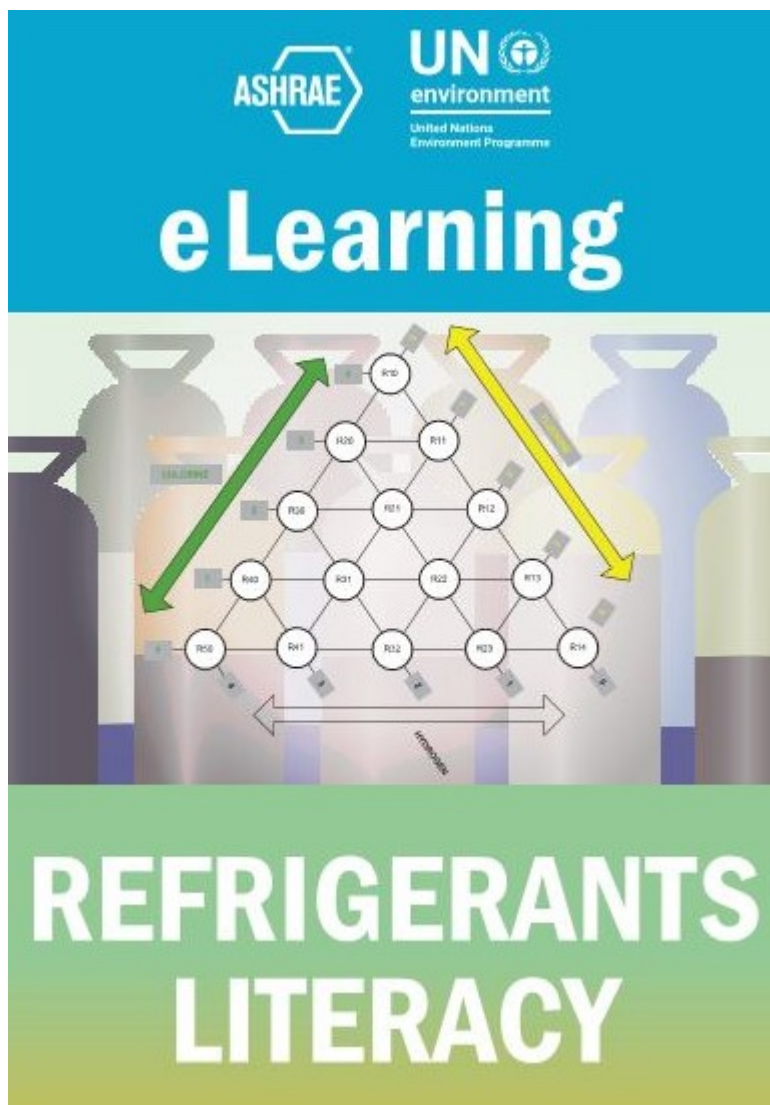
Iowa State University, Marston Hall – Lincoln Pearce

The Fairfield Inn & Suites and Marston Hall submissions will be moving on to the Regional Level Competition. Regional Winners will be announced at this year's CRC in Des Moines.

You can read all three of the first place submissions on the [Technology Awards](#) page on the ASHRAE Iowa website after they are uploaded on April 20th.

Congratulations to Tyson, Jake and Lincoln for winning Iowa Chapter first place awards!

ASHRAE Society News



eLearning Course on Refrigerants for Non-Specialists

The course is mainly designed for non-specialist in HVAC&R operation and servicing i.e. National Ozone Units (NOUs), policy makers, procurement officers, buildings owners, facility managers, etc. It is also recommended for HVAC&R engineers, consultants

and technical people who wish to get an overall and holistic overview about refrigerants and its progression.

The course consists of 4 lessons. Lesson 1 covers refrigerants types and addresses environmental considerations. Lesson 2 deals with refrigerant classifications, including ASHRAE Standards 15 and 34. Lesson 3 addresses refrigeration selection, including residential and small commercial applications. Lesson 4 covers refrigerant management, including the development of a management plan, containers, storage, and recovery, recycling, and reclamation.

If this is something you'd like to enroll in, or share with your clients or contacts outside of our industry, please follow the instructions on the infographic below.

Enrollment Process
Government officials and policy makers may enroll in the Refrigerants Literacy Course as follows:

- 1 Send your first name, last name, title, organization, email address, and a physical address via email to GovAffairs@ashrae.org. Please indicate in the subject line, "Refrigerants Literacy Course."
- 2 If multiple individuals from the same organization want to register, you may put this information in a spreadsheet, and email the spreadsheet to GovAffairs@ashrae.org.
- 3 ASHRAE will validate the enrollee is a government official or policy maker.
- 4 ASHRAE will create an account for you and will enroll you into the course.
- 5 ASHRAE will send you an email with eLearning portal access credentials, and the URL to access the course.
- 6 Once enrolled, the subscription lasts for 12 months, so you have 12 months to complete the course.

Technical Support
If a learner has any difficulties with login or course access, they should contact eLearning@ashrae.org. This support email address is indicated in the eLearning portal, <https://elearning.ashrae.org/>.

2018 Annual Conference

[More Information Here](#)

Industry News

ASHRAE Handbooks News

Starting with the 2018 ASHRAE Handbook—Refrigeration, Handbook PDFs will be available for download from the [ASHRAE Technology Portal](#), as the Handbook CD will no longer be manufactured or distributed. The PDF download includes the same information provided on the CD.

Beginning June 1, 2018, you can sign in to the Technology Portal and download the entire volume or individual chapters of the 2018 ASHRAE Handbook—Refrigeration, using your ASHRAE member sign in credentials.

[ASHRAE's Building Energy Quotient \(Building EQ\) Portal](#) provides a quick energy analysis that compares your building to similar buildings within the same climate, helps to identify means to improve your building's energy performance, and provides data on Indoor Environmental Quality.

Both the In Operation and As Designed evaluations are now available in the Building EQ Portal. The As Designed rating compares potential building energy use to the baseline performance of similar buildings using a simulated standardized energy use model.

[Paris, Autodesk Partner for Renovation That 'Reimagines' Eiffel Tower](#)

PARIS—The City of Paris is partnering with Autodesk to renovate aspects of the Eiffel Tower and its surrounding area using building information modeling (BIM). The renovation project is meant to tie into Paris' hosting of the 2024 Olympics. Paris has

launched a competition for building teams to "reimagine" the site. With BIM, the city can simulate the structural integrity of buildings, as well as the movement of people through the streets and even the spread of aerosols. This enables the competing teams to test features that take into account climate change and even potential terroristic threats. Autodesk will create a digital 3-D model of the existing Eiffel Tower site and will support the selected teams with the development and visualization of their designs.

[800 ft² House 3-D Printed in Less Than a Day, Meets Code](#)

AUSTIN, Texas—A charitable organization and a start-up robotics construction company this week demonstrated a means to 3-D print a house in less than 24 hours. At the South By Southwest conference being held in Austin, Texas, the partners unveiled what is believed to be the first 3-D printed house that is fully up to code and permitted for people to inhabit. The 800 ft² (74 m²) house cost around \$10,000 to build using the robotics company's proprietary printer. The company, Icon, says it can eventually get the cost per house to around \$4,000 and the time to construct the house to six hours. The partners plan to use the technology to build inexpensive housing in developing countries.

ASHRAE Learning Institute

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**](#)

Chapter Regional Conference

The CRC committee has finalized a great program for this year's CRC in Des Moines. Register now to participate in this great event.

Technical Courses and associated PDHs:

- ASHRAE Learning Institute (ALI) Short Course – Humidity Control II: Real-World Problems & Solutions - 3 PDHs
- Energy Efficient Windows and Fenestration - 1 PDH
- Applying ASHRAE Standards to Existing Buildings - 1 PDH
- How Long Will it Last? Addressing the Challenge of Sustainability - 1 PDH
- How to Implement DCV and Comply with ASHRAE Standards - 1 PDH
- Energy Efficiency in Commercial Bldgs - 1 PDH
- Commissioning, Operating, Maintaining Air-to-Air Energy Recovery Systems - 1 PDH
- Ethical Decision Making – An Exercise in Application - 1 PDH
- Chilled water systems for YEA: What the Gen Xers and Baby Boomers have done wrong! - 1 PDH
- Targeting Success – Improve Employee Satisfaction and Profit - 1 PDH
- Waterside Heat Recovery - 1 PDH

Additional hospitality, companion, and special events are planned!

This will be a wonderful event and we hope that you will take the time to join the Iowa Chapter in welcoming our other regional chapters to Des Moines. Find out more information [here](#).

[Register Here](#)



CRC Sponsors

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

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Send payment to:
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Adam Puls is collecting cards for 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: apuls@shive-hattery.com.



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