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Iowa Stalks Monthly Newsletter - May 2020

This Month at ASHRAE Iowa

Next Chapter Event Is the Fall Frolic Golf Outing

The Spring Fling Golf Outing Has Been Cancelled

We are working on planning the fall golf outing which will be at Briarwood in Ankeny on August 31st. See below for more information.

President's Corner

This will be our last newsletter until fall as the 2019-2020 ASHRAE year is winding down. My term as President will come to an end on June 30th.

Although the last couple of months have not gone as planned, I am proud of how our Board of Governors and members have responded to the adversity. COVID-19 forced us to cancel or postpone two chapter meetings, our golf outing, and CRC. With limited time, our BOG put together two successful webinars in March and April, something our chapter has never done before. With the great attendance we had at these webinars, it might be something we consider for future meetings. Thank you for your patience and understanding during this time.

We have made the difficult decision to cancel our Spring Fling Golf Outing. We attempted to postpone the outing, but in the end were not able to reschedule with Des Moines Golf & Country

ASHRAE Iowa Chapter

www.ashraeiowa.org

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Subscribe	Past Issues	Club or book a new course on such short notice. Instead, we will be bringing the Spring Fling back Auditing Joe Moench	Translate ▼	RSS 
	<p>to DMGCC in May 2021. We will definitely miss the opportunity to connect with our members and celebrate the end of another successful ASHRAE year. With the Spring Fling canceled, our golf committee is able to focus on organizing the fall golf outing. We are scheduled for Briarwood Golf Club on August 31st for our Fall Frolic. Mark your calendars and we hope to see you there!</p> <p>By cancelling our golf outing, we have put ourselves in a difficult situation with our research promotion (RP) campaign. The Spring Fling is typically our largest RP fundraiser for the year. It is responsible for a significant portion of our \$20,000 RP goal. I'm hoping our members and their companies will consider donating to help offset the shortage caused by the golf outing. If you and/or your company would like to support our RP campaign, please take a few moments to visit our RP section of the newsletter. We have directions provided on how you can donate online and support our chapter. The Iowa Chapter has a reputation as an RP leader in our region and we hope to continue that trend this year. Thank you for your support!</p> <p>With my term as Iowa Chapter President ending soon I wanted to thank the Board of Governors and committee chairs for their hard work and effort this year. As long as I have been involved in ASHRAE, the Iowa Chapter has been blessed with an incredible group of volunteers dedicated to maintaining a successful chapter. I'd also like to thank our members and their employers that see the benefits of ASHRAE and allow us the time and resources to make the Iowa Chapter the best!</p> <p>Adam Puls will take over as President in July and I am confident he will lead us through another successful year. Stay safe, healthy, and have a great summer. I'll see you all again in the fall!</p> <p>David Poetting (david.m.poetting@jci.com) Iowa Chapter President 2019-2020</p>	<p><u>CTTC</u> Peter Erzen Ted Gerber</p> <p><u>eCommittee</u> Jason Kems Chris Clausen</p> <p><u>Education</u> Kit Cartwright Matt Gumm</p> <p><u>GAC</u> Matt Swenka</p> <p><u>Historian</u> Brian Steffens</p> <p><u>Honors & Awards</u> Luke Miller</p> <p><u>Membership</u> Tim Conrad</p> <p><u>Product Directory</u> Holly Elbert</p> <p><u>Refrigeration</u> Justin Barrett</p> <p><u>Research Promotion</u> Tjaden Ahrens Gary Thompson</p> <p><u>Student Activities</u> Mike Wolfe Joe Nielsen</p> <p><u>TEGA</u> Dan Ponxs</p> <p><u>YEA</u> Heidi Meyer AG Oviatt</p> <p><u>Golf Outing Committee</u> Jeff Hammer Nathan Edwards</p>		
		<div data-bbox="116 1818 1507 1955"> <div>Past Presidents</div> </div> <div data-bbox="165 1976 431 2005">Brian Steffens 2018-2019</div> <div data-bbox="584 1976 850 2005">Verne Stewart 1976-1977</div>		


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	Luke Miller 2017-2018	Ralph Schilling 1974-1975		
	Andrew Pappas 2016-2017			
	Matt Gumm 2015-2016	Donald Bonicamp 1973-1974		
	Justin Barrett 2014-2015	Kent Mosher 1972-1973		
	Tim Conrad 2013-2014	Thomas Van Hon 1971-1972		
	Matt Jesson 2012-2013	Robert McBride 1970-1971		
	Kelly Crow 2011-2012	William Whitman 1969-1970		
	Holly Elbert 2010-2011	Einar Dahl 1968-1969		
	Roger Leshner 2009-2010	Eugene O'Neil 1967-1968		
	Kit Cartwright 2008-2009	James Green 1966-1967		
	Jerrold Sieverding 2007-2008	Neil Hanson 1965-1966		
	Jason Kems 2006-2007	Bob Flanagan 1964-1965		
	Chuck Heldenbrand 2005-2006	Lyndon Kelley 1963-1964		
	Jeff Gross 2004-2005	Elwood Giberson 1962-1963		
	Ron Engelhardt 2003-2004	Vern Polly 1961-1962		
	Dan Zaug 2002-2003	John Bain 1960-1961		
	Susan Oltrogge 2001-2002	Crom Campbell 1959-1960		
	Christopher Nelson 2000-2001	R.T. Howard 1958-1959		
	Donald Swanson 1999-2000	W.A. Schworm 1957-1958		
	Edward Truslow 1998-1999	D.E. Schroeder 1956-1957		
	James Hall 1997-1998	G.J. Kraai 1955-1956		
	Robbin Vannoy 1996-1997	W.E. Nanes 1954-1955		
	Mark Conway 1995-1996	J.F. Sandfort 1953-1954		
	Paul Melton 1994-1995	R.H. Schnell 1952-1953		
	Gregory Maxwell 1993-1994	C.H. McGuinness 1951-1952		
	Jeffery Hammer 1992-1993	R.S. Stover 1950-1951		
	Jack Culp 1991-1992	D.E. Wells 1949-1950		
	James Lee 1990-1991	D.C. Murphy 1948-1949		
	Clint Leonard 1989-1990	C.A. Wheele 1947-1948		
	Charles Pedersen 1988-1989	E.O. Olson 1946-1947		
	Gary Reynolds 1987-1988	B.E. Landes 1945-1946		
	Dennis Hogan 1986-1987	W.W. Stuart 1944-1945		
	Eugene Zefron 1985-1986	C.W. Helstrom 1943-1944		
	Donald Hagge 1984-1985	P.E. Triggs 1942-1943		
	Robert Rist 1983-1984	Perry LaRue 1941-1942		
	Joseph Proctor 1982-1983	R.A. Norman 1940-1941		
	Mark Allen 1981-1982	Tracy Johnson 1939-1940		
	Curtis Klaassen 1980-1981	W.R. White 1938-1939		
	Gerald Anderson 1979-1980			
	C.W. Miller 1978-1979			
	Richard South 1977-1978			

Upcoming Meetings

Mark your calendars! The chapter is working hard to put on a great set of events this year and we hope to see you there.

Iowa Chapter Future Meetings

Month	Date	Location	Topic
August	27	Tournament Club of Iowa (TCI)	Fall Frolic Golf Outing
October	23	Hyperion Field Club - Johnston	Ethics / Membership & RP Night
November	19	Ames	Student Night & Tour

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February	18	Exile Brewing	"Future of Refrigerants," by Steve Kujak
March	25	Marriott Downtown	Super-tech MP, RP, & History Project
April	29	At Your Computer	Webinar - Zero Energy Buildings
August	31	Briarwood Golf Club	Fall Frolic Golf Outing

Society & Region Events

Month	Date	Location	Topic
February	1-5	Orlando, FL	2020 Winter Conference
October	25-27	Peoria, IL	Region VI CRC
June-July	27-1	Virtual Conference	2020 Annual Conference

What's New in the Iowa Chapter?

Spring Golf Outing Is Cancelled

Fall Frolic Golf Outing Scheduled for August 31st at Briarwood

Monday August 31st, 2020

4-Person Best Ball Tournament

Dinner to follow right after Golf

Door, Pin Event and Place Prizes after dinner

Briarwood Golf Club

3405 N.E. Trilein Drive

Ankeny, IA 50021

www.briarwoodgolfclub.org/

Pricing TBD

Be a Sponsor for the event!

You can sponsor during your golf team registration or right now. The earlier you sponsor, the more publicity you will get. See below for sponsorship levels and our sponsors.

- 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

sponsors the main door prizes **AND ALLOWS FOR SETTING UP AT A TEE BOX TO GREET GOLFERS ALL DAY** (This is a new item added for the Platinum level!)

A BIG *Thank You* to our Spring Fling 2020 Sponsors:

Platinum – \$500 (limit 3 – ONLY ONE LEFT!)

Mechanical Sales, Inc.

Victaulic

Gold – \$250

Your name could be here!

Silver – \$100

Mack McClain Associates

Who to contact for help:

If you have questions with the website or registration site, contact Jason Kems or Chris Clausen.

If you have questions about Golf, Dinner or Payments, contact Jeff Hammer.

If you have questions about signs, contact Nathan Edwards.

If you have questions about sponsorships, contact Tjaden Ahrens or Gary Thompson.

ASHRAE COVID-19 Resource Page

To view ASHRAE's COVID-19 resource page, click here:

<https://www.ashrae.org/technical-resources/resources>

2020 Product Directory is Complete

Thank you to all sales representatives for advertising. The directory is available in PDF format on our website ([Click Here](#)) Printed copies should have already been delivered by mail to all ASHRAE Iowa members and non-members who ordered the directory. If you would like to order additional directories they are \$10. Please contact Holly Elbert to order. If there are any questions, or you did not receive your directory please contact Holly at helbert@bbsae.com

Consider ASHRAE eLearning

In light of coronavirus concerns and the impact the pandemic is having on travel, [ASHRAE eLearning](#), a 100% web-based training allowing you to learn at your own pace and when convenient, can be a valuable resource. Courses can be accessed anywhere, anytime,

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Offerings include these popular course packages:

- Fundamentals: HVAC Systems
- HVAC Control Systems
- System Essentials
- DDC Controls
- Electrical System Design
- Sustainability
- Standard 62.1: Ventilation for Acceptable Indoor Air Quality
- Standard 90.1: Energy Standard for Buildings
- Standard 189.1-2011 - High Performing Green Buildings
- Loads and Modeling

Recently Updated:

- Introduction to HVAC Design (1.5 PDHs)
- Refrigeration System Parameters and Key Performance Indicators (KPIs) (1.0 PDH)

Once enrolled, you have 12 months to complete your training.

Why ASHRAE eLearning?

- Convenient way to learn about new applications and standards
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For the complete eLearning catalog, please visit <https://elearning.ashrae.org/>.

Individuals can register online at <https://elearning.ashrae.org/> and immediately gain access. Companies can register employees by contacting elearning@ashrae.org or calling 678-500-3917.

[ASHRAE eLearning](#) is an approved Continuing Education provider for the American Institute of Architects (AIA), and a U.S. Green Building Council (USGBC) Education Partner. Continuing Education (CE) hours earned from ASHRAE eLearning may be applied toward maintenance of state-licensed professionals (architects and professional engineers) and LEED credentials.

Thank you,

ASHRAE eLearning

Apply for Regional Historian Position

Term: 3 years, DRC-appointed

Travel: CRC, Regional Planning, chapter visits as needed

Position Description (from the Regional and Chapter Historians Guide, June 2018):

In June 1978, the position of Regional Historian was created by the ASHRAE Board of Directors and is appointed by the Director and Regional Chair (DRC). Guidelines were established by the Society Historical Committee for the Regional Historians as follows:

1. Aid and encourage the chapter historian and communicate often.
2. Receive and retain chapter publications and minutes of the annual CRC, under the guidance and direction of the DRC. Also, receive copies of communications from headquarters' staff that are sent by the Society to chapter historians.
3. Seek regional sources of artifacts, photographs and documentary articles relating to the HVAC industry through chapter historians.
4. Collect historical pictures and data that could be used for publication from major manufacturers who are willing to furnish them.
5. Make inquiries through chapters as to which libraries have materials, publications and references of interest to our members as well as which libraries would be willing to receive such items.
6. Oversee PAOE points for the current year on the ASHRAE website for Historical that are entered by the chapter historians and enter points that are assigned to the Regional historian...
7. Coordinate time and facilities for the annual CRC with the DRC & General Chair to hold a workshop for chapter historians and encourage historians' attendance.
Note: The regional historian shall assemble electronic materials for distribution to chapter historians prior to or immediately after the CRC workshop. This is to be used for reference and guidance.
8. Review and seek comments on the individual chapter Gold Ribbon entries, send in entries to Society and present Gold Ribbon Awards at CRC.
9. Maintain and record lists of all members receiving Regional and Society Awards.
10. Maintain a list of all regional officers.
11. Prepare and annually update the history for the region on the Historical Committee's website.

Interested? Contact Eric Sturm | esturm@trane.com | (608) 787-3736

Research Promotion

Please consider donating to Research Promotion (RP). With the new year, we have a new goal. Any donation is helpful and appreciated. This year the Honor Roll levels are set at \$150 minimum for individuals and \$500 minimum for company investors. If you have any specific questions about how your donated money will be used, [please contact Tjaden Ahrens](#).

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Go to http://ashraerp.com to donate online. Please contribute all donations to the Endowed Research via ASHRAE Foundation.					
Individual Investors HR = Honor Roll participants \$150 min		44.6% OF GOAL \$11,079.88 -TO GO!		Company Investors HR = Honor Roll participants \$500 min	
Mark G Conway	HR	\$20,000		ASHRAE Iowa Chapter	HR
Luke Miller	HR	\$19,500		Systems Management & Balancing Inc.	HR
David Poetting	HR	\$19,000		C.H. McGuiness Co. Inc.	
Larry Dewey	HR	\$18,500		Raymon-Donco Air Distribution Equipment	
Brian Steffens	HR	\$18,000		Hydronic Energy	HR
Justin Barrett		\$17,500		Central Iowa Chapter of Sheet Metals Contractors	
Christopher Nelson	HR	\$17,000		Dahl Air Conditioning & Heating, LLC	
Matthew Jesson		\$16,500		Products Incorporated	
Gary Thompson	HR	\$16,000			
Adam Puls	HR	\$15,500			
Tjaden Ahrens	HR	\$15,000			
Dale Vest	HR	\$14,500			
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Daniel Zaig	HR	\$12,000			
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James Hall	HR	\$11,000			
Charles Heldenbrand	HR	\$10,500			
James Lee	HR	\$10,000			
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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 Tjaden Ahrens](#).

Thank you for your donation!

ASHRAE Society News

Industry News

[Turbomachine Expander Offers Efficiency, Safety for Heating, Cooling](#)

Purdue University researchers developed a device to decrease energy consumption of the vapor-compression heat pump cycle, which is commonly used in homes, businesses and vehicles for cooling and heating. The team created a novel turbomachine expander that helps

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[Astronauts Replace Coolant Pumps on International Space Station](#)

Two astronauts spent more than six hours installing replacement coolant pumps during a spacewalk on Monday. The astronauts attached the 350-lb (159 kg) pump module to the 6.8 metric ton Alpha Magnetic Spectrometer (AMS), plugged in power and data cables and spliced together eight existing coolant lines. The AMS was not designed to be serviced in orbit, so connecting the coolant lines while working in pressurized spacesuits was especially challenging. [Read more](#)

[MIT Creates System that Cools Without Using Electricity](#)

A new system provides cooling with no electricity by using the process of radiative cooling. The device, which has no moving parts, uses an aerogel insulation that blocks and reflects visible rays of sunlight. The system can keep fruits and vegetables from spoiling and can help double the time the produce remains fresh in remote places where reliable power for refrigeration is not available. [Read more](#)

[Thermal Comfort Model Measures Body Shape With Sensors](#)

A team at Carnegie Mellon University has created the first model that combines environmental information with data on an individual's body shape to determine thermal comfort. Information is aggregated to find the temperature that the most occupants possible will find comfortable. The system estimates body shape information from depth-imaging sensors, which are less privacy-invasive than approaches such as cameras. [Read more](#)

[Water Battery Powers Air-Conditioning Systems](#)

A three-story "water battery" is producing enough energy to power a university's air-conditioning systems, which is reducing its reliance on the grid by more than 40%. The water battery is a thermal energy storage system that uses energy generated by a 2.1-megawatt photovoltaic system to cool 4.5 megaliters of water resting inside a three-story tank. The campus' air-conditioning systems use the cooled water. [Read more](#)

ASHRAE Learning Opportunities



Advance your Career with ASHRAE Certifications

ASHRAE offers 7 certification programs that demonstrates a design professional's knowledge and skills in a practice area. The certifications allow you to stand out to potential clients and enhance your reputation.

Certifications offered:

- Certified HVAC Designer (CHD)
- High-Performance Building Design Professional (HBDP)
- Building Energy Modeling Professional (BEMP)
- Building Commissioning Professional (BCxP)
- Healthcare Facility Design Professional (HFDP)
- Building Energy Assessment Professional (BEAP)
- Operations & Performance Management Professional (OPMP)

Learn more at: <https://www.ashrae.org/professional-development/ashrae-certification>

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 ASHRAE Newsletter Sponsorship
 P.O. Box 3686
 Urbandale, IA 50323

Michael Gustafson 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: gustafsonm@thebakergroup.com.

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