

**TOPICS THIS MONTH**

- March Meeting
- Presidents Corner
- February Meeting Recap
- Training Opportunities
- Upcoming Meetings
- RP Progress

**THIS MONTH AT ASHRAE****Super Tech Session!**

**Date:** Tuesday, March 15th

**Location:** West Des Moines Marriott  
1250 Jordan Creek Pkwy, West Des Moines, IA 50266

**Times:**

|         |                        |
|---------|------------------------|
| 3 – 5pm | Technical Presentation |
| 5 – 6pm | Social                 |
| 6 – 7pm | Dinner/Business        |

**Topic:** Why Buildings Matter and the Role of ASHRAE 90.1 (AIA/GBCI approved credit)

**Speaker:** Christopher “Chris” Mathis, ASHRAE Distinguished Lecturer

**Cost:** *Free to ASHRAE Iowa Chapter Members  
\$15 for Guests*

**Drink Sponsor:** *Halvorson Trane*

Register at [www.ashraeiowa.org](http://www.ashraeiowa.org) if you plan to attend.

# PRESIDENT'S CORNER:

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Greetings, everyone! It was great to see everyone at our February meeting. Rick Merkle did a great job in presenting on the Iowa Boiler code. I especially liked that the subject is of interest to designers *and* installers, it's good to get some of our contractor members to come out. The Social Club was a great venue, I felt very hip, very happening as I stood there listening to the presentation and looking out over the colorful graffiti and traffic heading south over the viaduct.

Justin Barrett also gave a great history presentation, he had enough material about the ISU central plant for the whole lunch hour all by himself but gave us the greatest hits. Now I'm not sure how I'll follow that up for my history presentation in 2017. Let me know if you have any leads.

March 15th brings Chris Mathis, ASHRAE DL, to present "Why Buildings Matter and the Role of ASHRAE 90.1." This has been approved for 1 AIA and 1 GBCI CEU credit hour. This will be a late afternoon/evening meeting. Bring your architect friends, the information will be pertinent to us all.

Here's another plug for the ASHRAE Region VI Chapters Regional Conference (CRC) is coming up in Madison, Wisconsin, April 28-30. Check it out at [this link!](#) March 31<sup>st</sup> is the early bird date, register now and save some money.

I look forward to seeing some familiar faces, as well as new ones, at these upcoming events!

**Matt Gumm** ([email link](#))

**Iowa ASHRAE Chapter President 2015-2016**

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### TEGA

Iyhab Hasan

# PAST ASHRAE IOWA CHAPTER PRESIDENTS

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|                    |           |
|--------------------|-----------|
| 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 |
| Jerrold 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 |
| 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 |
| 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 |

## February Meeting Boilers & History



**Thanks to everyone who attended the February Meeting.**

**A special thanks to Rick Merkle for bestowing boiler knowledge upon us all and to Justin Barrett for schooling us on the history of the ISU Power Plant.**



## Upcoming Training Opportunities

### ***Training: TRACE™ 700 Software for Energy Efficient and Low Cost System Design and Analysis***

The Iowa Energy Center will sponsor three different [TRACE 700 software trainings](#) April 26-28. The trainings will be held at the Iowa Energy Center's Energy Resource Station in Ankeny, Iowa. Computers with TRACE™ 700 software will be provided. Participants may register for any or all trainings. Please take note of suggested prerequisites.

#### **TRACE™ 700 Load Design**

Tuesday, April 26

#### **TRACE™ 700 Energy Analysis\***

Wednesday, April 27

#### **TRACE™ 700 LEED & ASHRAE Standard 90.1\*\***

Thursday, April 28



#### ***Location***

##### **Energy Resource Station**

Bldg. 23, DMACC  
2006 S. Ankeny Blvd.  
Ankeny, IA 50023

#### ***Registration***

Cost: \$150 per day (Includes continental breakfast and lunch)

Seating is limited to 20 students each day.

Deadline: April 8, 2016

See link above for additional information

### ***Understanding and Managing VFDs for Fan & Pump Applications***

The Iowa Energy Center will co-sponsor a one-day training, [Understanding and Managing VFDs for Fan and Pump Applications](#) on Thursday, April 14, 2016. The training will be held in the auditorium of the Iowa Association of Municipal Utilities building in Ankeny, Iowa. This course will provide an overview of the subject of variable frequency drives (VFDs) commonly used in motor control applications on fans, pumps, compressors and other equipment used in commercial/industrial settings.

A full agenda can be found [here](#).

#### ***Location***

##### **Iowa Association of Municipal Utilities (IAMU)**

1735 NE 70<sup>th</sup> Avenue  
Ankeny, IA 50021

#### ***Registration***

Cost: \$100 (Includes continental breakfast and lunch). A 50% discount applies for students, industrial/commercial customers and members of Corn Belt Power Cooperative or Central Iowa Power Cooperative (CIPCO). If the registered individual cannot attend, a substitute may be sent. Refunds will be made to those who cancel on or before March 31 minus a \$25 processing fee.

## UPCOMING MEETINGS:

### April Meeting – Webcast

**Date:** *Thursday, April 21st*

**Time:** *12 – 3 pm*

**Location:** Webcast

**Program:** ASHRAE Webcast – Making Net Zero Net Positive

Look for more details in the April Newsletter!

### 2015-16 Meeting Dates

| MONTH     | Topic   | Date |
|-----------|---|------|
| July      | -   | -    |
| August    | -   | -    |
| September | -   | -    |
| October   | -   | -    |
| November  | -   | -    |
| December  | -   | -    |
| January   | -   | -    |
| February  | -   | -    |
| March     | Supertech Meeting                             | 15   |
| April     | ASHRAE Webcast – Making Net Zero Net Positive | 21   |
| May       | Spring Fling                                  | TBD  |

|                |                                       |           |
|----------------|---------------------------------------|-----------|
| Winter Meeting | -                                     | -         |
| CRC            | Region VI CRC –Madison, WI            | Apr 28-30 |
| Summer Meeting | 2016 Annual Conference – St Louis, MO | Jun 25-29 |



## ASHRAE'S Attics & Antiques:

We have gone digital! Attics & Antiques can be found on the ASHRAE Iowa Website. Click on the link below to Check It Out!

[ASHRAE's Attics & Antiques](#)

## Training Opportunity

3-day HVAC Design: Level I – Essentials training and the 2-day HVAC Design: Level II – Application is confirmed for April 25-27 and April 28-29, 2016 respectfully. The training will be held in Minneapolis, MN. As in the past, I would like to ask the Iowa Chapter to help us promote the training throughout Region VI. A promotion from the Chapter is a huge endorsement to our efforts!

Visit the HVAC Design Training webpage at <https://www.ashrae.org/hvactraining> for more details on the value of this training.

## Technology Awards Deadline

The **Technology Award** deadline of March 14th is almost upon us!

The Technology Awards recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data. Awards are given for new and retrofit applications for several categories of buildings, industrial facilities and processes. Chapter award winners can be submitted into Regional competitions, and Regional winners are invited to compete for Society level Awards. Applications are judged with respect to energy efficiency, indoor air quality, innovation, operation & maintenance, cost effectiveness, environmental impact and quality of presentation. Society level award winners get written up in the ASHRAE Journal.

The ASHRAE Iowa Chapter is soliciting Technology Award Applicants. The purpose of the awards is three-fold:

- To recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data.
- To communicate innovative systems design to other ASHRAE members.
- To highlight ASHRAE technological achievement to others, including associated professionals and societies worldwide, as well as building and facility owners.

If interested in submitting a project, contact Iyhab Hasan at [ih966@msn.com](mailto:ih966@msn.com)

Submissions for the chapter level will be due by **March 14th, 2016**.

For more information on the Technology Awards Program visit:  
<https://www.ashrae.org/technologyawards>

| ASHRAE Iowa Research Investors 2015-2016 |    |               |                     |  |    |
|--|----|---------------|---------------------|--|----|
| Individual Investors                     |    |               |                     | Company Investors                      |    |
| HR = Honor Roll participants \$100 min   |    | 24.3% OF GOAL | \$14,388.00 -TO GO! | HR = Honor Roll participants \$150 min |    |
| Mr Jason E Kems                          | HR | \$18,000      |                     | Integrity Test & Balance               | HR |
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| Mr Matt Gumm, PE                         | HR | \$12,500      |                     |  |    |
| Mr Tyler J Luttenegger                   | HR | \$12,000      |                     |  |    |
| Mr Frederic Littleton Miller, PE         | HR | \$11,500      |                     |  |    |
| Mr Ronald Engelhardt                     | HR | \$11,000      |                     |  |    |
| Dr Xiaohui Zhou, PE                      | HR | \$10,500      |                     |  |    |
| Mr Christopher W Nelson                  | HR | \$10,000      |                     |  |    |
| Mr Patrick A Peterson                    | HR | \$9,500       |                     |  |    |
| Mr James A Lee                           | HR | \$9,000       |                     |  |    |
| Mr Paul K Melton                         | HR | \$8,500       |                     |  |    |
| Mr Dale M Vest                           | HR | \$8,000       |                     |  |    |
| Mr Daniel V Zaug                         | HR | \$7,500       |                     |  |    |
| Mr Robert Morris, P.E.                   | HR | \$7,000       |                     |  |    |
| Mr Einar Dahl, Jr                        | HR | \$6,500       |                     |  |    |
|  |    | \$6,000       |                     |  |    |
|  |    | \$5,500       |                     |  |    |
|  |    | \$5,000       |                     |  |    |
|  |    | \$4,500       |                     |  |    |
|  |    | \$4,000       |                     |  |    |
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|  |    | \$2,000       |                     |  |    |
|  |    | \$1,500       |                     |  |    |
|  |    | \$1,000       |                     |  |    |
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