

THE REGISTER

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December 2016

President's Message

I hope everyone had a wonderful Thanksgiving and that you are enjoying this holiday season! It's that time of year when we get to look back and thank all those around us who have made their presence felt in our lives. I want to personally thank each of you for your involvement in our chapter. ASHRAE has given me many valuable opportunities and experiences over the years, and I am incredibly thankful for the friends and mentors I have gained along the way. While our chapter traditionally does not have a Christmas Party to celebrate the season, MCA has invited us to join them for a December Dinner at the Field Club of Omaha on December 20th. Tim and Marsha Wentz will be speaking about their travel and experiences thus far as ASHRAE President and First Lady. To register, please see the event invite emailed out on December 1st.

While the holiday season is truly about family and reflection, I invite you to consider giving back to the organization that works hard to keep our industry and resources innovative and dependable. **Since 1959, ASHRAE Research has initiated a total of nearly 900 research projects with a combined value of nearly \$150 mil-**

lion in today's dollars. Additionally, know that your investment into ASHRAE Research comes back to Nebraska tenfold. For example, last year the Nebraska Chapter raised \$21,979 for Research Promotion. Currently there is \$485,402 worth of research happening in Nebraska! I'd say that's an incredible rate of return.

Recently completed research projects in Nebraska funded by ASHRAE dollars include:

- *Active Mechanism for Enhancing Heat and Mass Transfer in Sorption Fluids*
University of Nebraska-Lincoln

Newly awarded Nebraska research projects include:

- *Fault Detection and Diagnostics (FDD) Methods for Supermarkets - Phase I*
University of Nebraska-Lincoln
- *Investigation of Airside Fouling on Outdoor Heat Exchangers*
University of Nebraska-Lincoln

Current investment also includes David Yuill's (New Investigator Award winner) research to compile a library of simulation data that can be used to develop next-generation automated fault detection and diagnosis (AFDD) algorithms, and to

evaluate their performance. Additionally, the project will develop cost effective fault-robust air conditioning systems and near-optimal control of variable speed air-cooled air conditioning systems

This year the Nebraska Chapter's Research Promotion committee is led by Dave Kros and Nick Mandel. If you would like to make an end of the year contribution to ASHRAE, please contact either Dave at dkros@mechsales.com or Nick at Nicholas.Mandel@HDRinc.com.

Lastly, if Facebook is one of your methods of socializing, our chapter has an official page that we invite you to join. The page is kept up-to-date with event announcements and photos.

See link: facebook.com/ASHRAENebraska

I wish you and your family a safe and joyous holiday season!

Sincerely,
Jessica Errett
ASHRAE President 2016-2017

REMINDERS

- Omaha Meeting - Tuesday , December 13
- Lincoln Meeting - Wednesday , December 14
- December Dinner with MCA - Tuesday, December 20

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December Meetings

OMAHA — Steam with Luke Van Camp

Tuesday, December 13th, 2016

Anthony's Steakhouse — Buffet (\$18)

LINCOLN — State Adoption of the 2012 Life Safety Code with Doug Hohbein

Wednesday, December 14th, 2016

For more information or to register for either meeting visit our website www.neashrae.org



December 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13 12:00pm Omaha Meeting	14 11:30pm Lincoln Meeting	15	16	17
18	19	20 5:30pm December Dinner with MCA	21 happy FIRST DAY OF winter 	22	23	24 
25 	26 	27	28	29	30	31 

GRASSROOTS GOVERNMENT ADVOCACY

EPA Issues Proposed Rule on Revisions to the Prevention of Significant Deterioration (PSD) and Title V Greenhouse Gas (GHG) Permitting Regulations and Establishment of a Significant Emissions Rate (SER) for GHG Emissions Under the PSD Program

On August 26, 2016, the Environmental Protection Agency (EPA) issued a proposed rule to revise provisions in the Prevention of Significant Deterioration (PSD) and title V permitting regulations applicable to greenhouse gases (GHGs) to fully conform with re-

cent court decisions. The EPA is extending the comment period on this proposed rule that was scheduled to close on December 2, 2016 to December 16, 2016. The EPA received a letter requesting the extension of the proposed rule public comment period

to allow the public additional time to review the rule and supporting documentation. Comments, identified by Docket ID No. EPA-HQ-OAR-2015-0355, may be submitted [here](#). Follow the online instructions for submitting comments.

ASHRAE Publishes 2016 Edition of Standard 90.1, Starting DOE Review Clock Leading to State & Federal Update Requirements

The 2016 edition of ANSI/ASHRAE/IES 90.1 *Energy Efficiency Standard for Buildings Except Low-Rise Residential Buildings* is out and ready for purchase at the [ASHRAE Bookstore](#)! While a significant achievement in its own right and a testimony to the hard work of our volunteers, the publication of this update also begins a key countdown for States.

Under the Energy Conservation and Production Act, as amended, after ASHRAE publishes an update to Standard 90.1, the US Depart-

ment of Energy (DOE) has 12 months to review the update and issue a preliminary determination in the *Federal Register* whether the new model standard will improve energy efficiency in commercial buildings. DOE is expected to issue their preliminary determination in about six months, around April 2017. After receiving public comment on their preliminary determination, the Department will issue a final determination on Standard 90.1-2016, after which States will have up to two years to certify to DOE that they have reviewed and

updated the energy efficiency provisions of their building codes to meet or exceed Standard 90.1-2016.

Apart from the State requirements, DOE will also conduct a similar, but [separate process](#) for updating the minimum energy efficiency requirements for Federal buildings. In all likelihood, these new requirements will be 30% below the levels established in Standard 90.1-2016.

Those interested in [viewing a summary of the changes in 90.1-2016 can do so here](#).

MORE ARTICLES

To find a full list of updates visit www.ashrae.org/government-affairs/government-affairs-updates or subscribe to receive information on activities within Congress and Federal agencies from the ASHRAE Washington office.

SUBSCRIBE

Future meetings

(Topics subject to change)

Omaha

Jan. 10th	Nebraska Energy Office Presentation	11:45am Anthony's
Feb. 14th	Contracting Law with David Houghton	11:45am Anthony's
Mar. 14th	Technical Session with Bill Bahnfleth	11:45am Anthony's
Apr. 11th	UNO Student Chapter & Tim Wentz	11:45am Anthony's
May 13th	Burlington Building Tour	TBD

Lincoln

Jan. 11th	ASHRAE Standard 170 with Eric Granzow	12:00pm Valentino's
Feb. 15th	Student Presentation	12:00pm Valentino's
Mar. 15th	BIM Coordination with Todd Shakelford	12:00pm Valentino's
Apr. 12th	Distinguished Lecturer	12:00pm Valentino's
May	LES K St DEC Plant Tour	TBD

Chapter Chairpersons

Membership Promotion	Lincoln Technology Transfer	Reception (OMA)
Philip Prest	Will Morris	John Nebbia
Research Promotion	Abby Visty	Callen Schwank
David Kros	Grassroots	Reception (LNK)
Nick Mandel	Tyler Glesne	Abby Visty
Student Activities	Historian	Faculty Advisors
Meagan Kurlmel	Jim Ellis	David Yuill
Jim Butler	Special Events	Josephine Lau
Webmaster	Kyle Heberly	Tim Wentz
Eric Granzow	Aaron Rasell	
Omaha Technology Transfer	Newsletter	
Aaron Rasell	Sara Robbins	

Chapter Officers

President

Jessica Errett

President Elect

Tom Lewis

Secretary

Shaun Nienhueser

Treasurer

Chris Hawk

1st Board Member

Chris Beaty

2nd Board Member

Jake Kopocis

Board Ex-Officio

Tyler Glesne

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