



September 2012  
Volume 54, Issue 1

### Chapter Officers:

#### President

Renee Meyersick

#### President Elect

Sarah Poursharafeddin

#### Secretary

Jeff Backemeyer

#### Treasurer

Tyler Glesne

#### 1<sup>st</sup> Board Member

Jessica Errett

#### 2<sup>nd</sup> Board Member

Tom Lewis

#### Board Ex-Officio

Kim Cowman

## President's Message

Dear Nebraska ASHRAE Members,

Welcome to the 2012-2013 ASHRAE year! The board and committee chairs have an exciting year planned for our Nebraska Chapter. Please see our new website at [www.neashrae.org](http://www.neashrae.org) and facebook page for the latest information. The Product Directory has been updated and is available on our website. Thank you to all of our Product Directory advertisers! We are continuing to enhance our on-line technology and are open to any suggestions. Please contact our E-Commerce Chairperson, Eric Granzow, with any questions or comments.

We are very fortunate to have several of our committee chairpersons returning this year and sharing their expertise with new co-chairs as well. Our Membership Committee chairs are busy planning a YEA Mini Golf Tournament in October and there will be a Second Annual Dodgeball Tournament in the spring. A Nebraska student design team took 1<sup>st</sup> place in the ASHRAE Student Design Competition again! Congratulations to them for their hard work! They will receive their award at the Winter Meeting in Dallas, Texas in January. Speaking of awards...our Nebraska Chapter received several awards at the ASHRAE Chapter Regional Conference (CRC) in Billings, Montana in August. The awards include the Man-Mile Attendance Award, which Nebraska received by having 15 people represent our chapter in Billings. Research Promotion received several awards for exceeding the chapter fundraising goal for the year. Membership Promotion received Blue and Green Ribbon awards for increasing membership. Programs committee received a Best Chapter Tour award for the Energy Systems Company Plant Tour last spring. I would especially like to recognize the following individuals for their many years of service to our chapter and award them the Chapter Service Award: Tim Wentz, Rick Hollendieck, and Andy Vinckier. I would also like to thank Tom Lewis and Gary Cooper for serving as Regional Vice Chairs at the Society level. Please join me at the September meeting as we present these awards to these individuals and thank them for their support of ASHRAE.

(continued on next page)

### Next Month:

- Articles for next month are due by **Oct. 2, 2012**
- Please send to:  
**Ben Schmitt**  
Farris Engineering  
[bschmitt@farris-usa.com](mailto:bschmitt@farris-usa.com)  
Ph: 402.330.5900



**Chapter  
Chairpersons:**

**Membership  
Promotion**

Jake Kapocis  
Chris Hawk

**Research Promotion**

Shaun Nienhueser  
Matt Sargent

**Student Activities**

Scott Murray

**Chapter Technology  
Transfer & Omaha  
Programs**

Jake Schanzmeyer  
Dustin Brand

**Lincoln Programs**

Mike Barry

**E-Commerce**

Eric Granzow

**Historian**

Jim Ellis

**Reception**

Alex Skillman  
Nick Mandel

**UNO Student Chapter**

Lily Wang

**UNL Student Chapter  
& Chapter Website**

Tim Wentz

**Special Events**

Rob Harper

**Newsletter**

Ben Schmitt  
Nick Decker

**Librarian**

Bill Wieseler

**President’s Message – continued**

We have several opportunities available for anyone wanting to get involved. ASHRAE is creating a new committee, Grassroots Government Activities that will follow our state government activities of interest to ASHRAE. We are looking for anyone interested in representing ASHRAE on the local Engineers Roundtable and assisting in planning E-week activities for next February. If anyone is interested in reviewing local codes and proposed changes, we are looking for someone to represent ASHRAE at these meetings. If you are interested in helping any of our chapter committees, we welcome any assistance and new ideas. Please contact me if you are interested in any of these positions or have any questions or comments, [rmeyersick@schemmer.com](mailto:rmeyersick@schemmer.com). Thank you for supporting ASHRAE and I look forward to a great year!

Sincerely,

Renee Meyersick  
Nebraska Chapter of ASHRAE President 2012-2013

**OPPD’s IEEP Service Provider Training**

OPPD would like to invite members of your organization to our Innovative Energy Efficiency Project (IEEP) Incentive Program training.

We are contacting you to ask your support in bringing this training to their attention. Last year was the first year of the program and we are hopeful to add more IEEP Service Providers to our list!

*An Innovative Energy Efficiency Project (IEEP) is a project that reduces the building’s peak summer demand (kW) and decreases a building’s total annual energy consumption (natural gas, steam, chilled water and electric) by 10% or more. These projects must be deemed to be sustainable for at least five years.*

Attached you will find a copy of the program’s tri-fold flyer that we would appreciate you forwarding to your membership. Also

attached are the requirements to become an OPPD IEEP Service Provider. These IEEP Service Providers will be listed on OPPD’s website. In order to qualify for program incentives a service provider must complete the requirements AND attend annual training. Program training for the Pilot will be held two days in September with an additional session to be held sometime in the first quarter of 2013:

Wednesday – September 12 –  
OPPD Energy Plaza/444  
South 16 Street Mall/9 West  
A/B

Session 1: 10:30am-12:30pm

Tuesday – September 13 -  
OPPD Energy Plaza/444  
South 16 Street Mall/9 West  
Seminar

Session 1: 9:00am-11:00am

To sign up for training email [kbarnes@oppd.com](mailto:kbarnes@oppd.com) with your name and company name.

Please assist us in passing this information on and by providing us back the distribution list you used, if possible. If you have other avenues you’d suggest that we use to spread the word please email me.

Basics of the program include (and are shown on the attached flyer)

--Incentives for Energy Studies (provided they lead to implementation of a qualifying project)

--Incentives for kW of demand reduction as a result of the qualifying project

--For OPPD C&I Customers with buildings in excess of 30,000 sq/ft or billed electrical usage through one meter in excess of \$30,000.

--Total annual energy usage must decrease by 10% (kBtu) or greater as a result of the project in order to qualify



## Omaha Meeting – Tuesday, September 11, 2012

**Location:** Anthony's Steakhouse, 7220 F Street, Omaha, NE 68127  
**Check-in:** 11:30 a.m. (Please arrive early to facilitate serving meals)  
**Lunch:** To be served prior to 12:00 p.m.  
**Menu:** Club Sirloin **\$21.00**  
 Chicken Cordon Bleu **\$16.00**  
 Grilled Salmon **\$16.00**  
**Topic:** Parallel vs. Series Fan Powered Boxes – **Tech. Session To Follow Regular Meeting**  
**Speaker:** Gus Faris, Nailor

**Pre-registration for this meeting would be GREATLY APPRECIATED!!!**

**Reservation required by Friday, September 7, 2012:** Nick Mandel, Specialized Engineering  
[nmandel@specializedeng.com](mailto:nmandel@specializedeng.com)

## Omaha's Featured September ASHRAE Speaker

Gus Faris has over 40 years of experience in the air conditioning and air distribution business. He is Vice President, Engineering of Nailor Industries, Inc. with direct responsibility for product design and development, quality assurance, field service and IT. Mr. Faris is vice chair of AHRI Air Control and Distribution Devices section and AHRI Heat Transfer Products committees and serves on subcommittees 880 and 885 as well as AHRI Room Fan Coil subcommittee. He is also past Secretary of ASHRAE SPC 130 and also TC 5.3 (Air

Distribution), past Chairman of ASHRAE TC 5.3 (Air Distribution) and RP 1292, member of TC 5.3 and voting member of TC 2.9 (UV lights) and TC 7.7 (Test and Balance).

Gus will present REFLECTIONS ON ARI/ASHRAE RESEARCH PROJECT 1292-RP, Comparison of the Total Energy Consumption of Series versus Parallel Fan Powered VAV Terminal Units. This is a report on the findings of the ASHRAE Research project RP-1292 that compared and modeled the building energy

consumption for parallel and series units to determine how much building energy was consumed with each type of fan powered terminal unit. There has been subsequent research looking at electronically commutated motors, and Gus will present the early findings of that research as well.

### **TECHNICAL SESSION**

Gus will present the case for ECM in fan powered terminal units and fan coils with modulated fan airflow. We will look at room conditions and equipment performance for both products.

## Future Omaha Chapter Meetings

Sep. 11 <sup>th</sup>	Parallel vs. Series Fan Powered Boxes + <b>Tech. Session</b>	11:45 @ Anthony's
Oct. 9 <sup>th</sup>	Passive Solar Design	11:45 @ Anthony's
Nov. 13 <sup>th</sup>	Measuring and Controlling HVAC Systems	11:45 @ Anthony's
Dec. 11 <sup>th</sup>	Acoustics That Make the Grade	11:45 @ Anthony's
Jan. 8 <sup>th</sup>	ASHRAE Distinguished Lecturer – TBD	11:45 @ Anthony's
Feb. 12 <sup>th</sup>	UNMC Roundtable Discussion with Ken Hansen	11:45 @ Anthony's
Mar. 12 <sup>th</sup>	ASHRAE Distinguished Lecturer – TBD	11:45 @ Anthony's
Apr. 9 <sup>th</sup>	UNO Student Chapter Meeting	11:45 @ Anthony's
May 14 <sup>th</sup>	Facility Tour – TBD	TBD
Jun. 25 <sup>th</sup>	ASHRAE Golf Outing	Iron Horse Golf Club



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

## Lincoln Meeting – Wednesday, September 12, 2012

**Location:** Valentino's, 35<sup>th</sup> & Holdrege, Lincoln  
**Check-in:** Noon (Please arrive early to facilitate serving meals)  
**Lunch:** To be served prior to 12:00 p.m.  
**Menu:** Buffet **\$13.00**  
**Topic:** Selling Techniques for Engineers  
**Speaker:** Karl Schaphorst, Sandler Training

**Pre-registration for this meeting would be GREATLY APPRECIATED!!!**

**Reservation required by Monday, Sept. 10, 2012:** Mike Barry, Black Hills Corp  
[mike.barry@blackhillscorp.com](mailto:mike.barry@blackhillscorp.com)

### Lincoln's Featured September ASHRAE Speaker

Karl Schaphorst has been a sales professional for the past twenty-two years. He graduated from Iowa State University with a Bachelors of Science in Electrical Engineering and from there, was hired by Trane. Shortly thereafter, he moved to Omaha to begin his selling career. Karl served as

account manager, account executive, sales manager, and general sales manager at Trane. He became familiar with the Sandler Sales System while serving as general sales manager and installed, trained and coached his direct reports on Sandler. For two years now,

Karl has been training sales professionals exclusively.

Karl will combine his understanding of HVAC and professional selling to deliver a practical message on how to develop business with building owners, contractors, architects, and engineers.

### Future Lincoln Chapter Meetings

Sep. 12 <sup>th</sup>	Selling Techniques for Engineers	Noon @ Valentino's
Oct. 10 <sup>th</sup>	Nebraska Chief Boiler Inspector	Noon @ Valentino's
Nov. 14 <sup>th</sup>	Measuring and Controlling HVAC Systems	Noon @ Valentino's
Dec. 12 <sup>th</sup>	TBD	Noon @ Valentino's
Jan. 9 <sup>th</sup>	ASHRAE 90.1 2010 Update	Noon @ Valentino's
Feb. 13 <sup>th</sup>	TBD	Noon @ Valentino's
Mar. 13 <sup>th</sup>	ASHRAE Distinguished Lecturer	Noon @ Valentino's
Apr. 10 <sup>th</sup>	Acoustics That Make the Grade	Noon @ Valentino's
May 8 <sup>th</sup>	Energy Code	Noon @ Valentino's

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*ASHRAE, founded in 1894, is an international organization of 51,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.*



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

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