



September 2011  
Volume 53, Issue 1

## President's Message

Dear Nebraska ASHRAE Members,

I am very excited to begin my year as the Nebraska ASHRAE Chapter President. My primary goal for the year is to focus on how the Nebraska Chapter can benefit our membership. How can we make the local chapter a resource to be counted on and utilized by our membership to help with professional development, industry networking, technical training, etc.? I want every current member of our chapter to feel they are getting something in return for their investment in joining ASHRAE.

Therefore, I'm asking for input from all of our members to help the Nebraska Chapter grow and change as the needs of the industry grow and change. I encourage all members to provide input or suggestions to myself, a member of the chapter board, or a committee chair. We need your feedback to ensure our Chapter is moving in a direction that is beneficial for all members. Items we would love input on include:

- What lunch time topics would you like to see at our monthly meetings?
- Are additional technical training sessions (1/2 day to full day seminars) wanted?
- What brings you or doesn't bring you to our monthly meetings?
- How can we help with finding jobs, finding employees, finding industry resources?
- How can we improve the golf outing or other social events?
- Are there improvements we need to make to the Chapter website?

Our board has some great ideas for the Chapter this year. We also have some new faces in our committee chair positions including Research Promotion, Student Activities, and Membership Promotion. Keep your eyes out for a Chapter Facebook page to help provide an additional avenue for distributing information to our members and to provide an outlet for member comments and suggestions. We are also teaming with other professional industry groups, AEI (Architectural Engineering Institute) and USGBC Flat Water Chapter, to organize a full day technical seminar and product show for the area this winter.

(continued on next page)



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

### Chapter Officers:

#### President

Kim Cowman

#### President Elect

Renee Meyersick

#### Secretary

Sarah Richardson

#### Treasurer

Jeff Backemeyer

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

Tyler Glesne

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

Jessica Errett

#### Board Ex-Officio

Rob Harper

### Next Month:

- Articles for next month are due by **October 3, 2011**
- 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

**Research Promotion**

Shaun Nienhueser  
Matt Sargent

**Student Activities**

Scott Murray

**Chapter Technology  
Transfer & Programs**

Jeremy Hunter

**Omaha Programs**

Shane Cherney

**Lincoln Programs**

Mike Barry

**Historian**

Jim Ellis

**Reception**

Alex Skillman

**UNO Student  
Chapter & Chapter  
Product Director**

Lily Wang

**UNL Student Chapter  
& Chapter Website**

Tim Wentz

**Special Events**

Rob Harper

**Newsletter**

Ben Schmitt

**Librarian**

Bill Wieseler

**President's Message -- continued**

Please contact me at any time throughout the year with your input or comments. I can be reached by email at [krcowman@leoadaly.com](mailto:krcowman@leoadaly.com) or by phone at 402-390-4461 (office). Thank you for your support of our Nebraska ASHRAE Chapter and I welcome your feedback.

Sincerely,  
Kim Cowman  
Nebraska Chapter of ASHRAE President 2011-2012

**Energy Systems Names New President and COO**

OMAHA, AUG. 15, 2011 – Energy Systems Co. is pleased to announce that it has named Richard J. Distler the company's president and chief operating officer. Distler replaces Dave Woods, who is retiring after a successful 43-year career with the company.

Distler was most recently pre-construction director with McCarthy Building Co. in Arizona. Earlier he served McCarthy as a project manager, directing several major water treatment projects. He has extensive construction and engineering experience; has overseen large budgets and project administration; and has been responsible for customer, community and government relations.

Although previously based in Phoenix, Distler is no stranger to Omaha or Energy Systems Co. In the early 2000s, Distler was the project manager for Energy Systems' \$20 million California Street Plant, which was put into service to provide heating

and cooling for the CenturyLink (formerly Qwest) Center and the Hilton Omaha. The project included both plant and piping construction.

"We are thrilled to bring Rich back to Omaha, where his vast experience will help Energy Systems continue to improve service and energy efficiency," said Todd Johnson, chairman and CEO of Energy Systems. "He has a broad skill set that will serve our company and our customers well. He appreciates the engineering and construction side, but values customer relationships and customer service. To ensure a smooth transition, Dave Woods is sharing his invaluable wealth of knowledge and introducing Rich to our customers." Woods will remain with the company until his retirement.

Distler stepped into his new position in late June and is pleased with the move. "I am very excited to be back in Omaha, and even more

excited to be working for a company that has such a strong commitment to its customers and the city of Omaha," said Distler. "I look forward to becoming a part of the great downtown Omaha business community."

**About Energy Systems Co.** Founded in 1968, Energy Systems Co. is a district energy company that provides heating and cooling service to customer buildings in downtown Omaha. The company's three district energy plants produce steam and chilled water that are piped to 64 customers (80 buildings). Energy Systems was named "system of the year" by the International District Energy Association in 1994. The company's service attributes include reliability, economy, flexibility and no-demand-charge billing. For more information, visit [www.esc-omaha.com](http://www.esc-omaha.com).



## Omaha Meeting – Tuesday, September 13, 2011

**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:** Integrated Energy Modeling  
**Speaker:** Amanda Bogner, The Energy Studio

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

**Reservation required by Friday, Sept. 9, 2011:** Alex Skillman, Leo A. Daly  
[ABSkillman@leoadaly.com](mailto:ABSkillman@leoadaly.com)

## Omaha's Featured September ASHRAE Speaker

Ms. Bogner, president of The Energy Studio, is a registered mechanical engineer and is LEED Accredited by the US Green Building Council (USGBC). Previously, she was the manager of simulations at a small sustainability consulting firm, where she was responsible for providing her clients meaningful energy modeling analysis.

Ms. Bogner organized the USGBC Nebraska Flatwater Chapter. Currently, she is

working with the Nebraska Flatwater Regionalization Task Force to identify the most critical regional environmental issues and make recommendations on regional priority credits for LEED 2012. On a national level, she is a LEED project certification reviewer. In April 2011, Ms. Bogner was appointed to the USGBC's Energy & Atmosphere Technical Advisor Group (TAG) where she advises and makes recommendations on the direction of the LEED

Rating System as it relates to the energy and atmosphere category.

In January 2010, Ms. Bogner made energy analysis and sustainability education the focus of a new firm, The Energy Studio.

## Future Omaha Chapter Meetings

October 11	Seismic Bracing Systems	11:45 @ Anthony's
November 8	Load Match Pumping (ASPE Joint Meeting)	11:45 @ Anthony's
December 13	TBD	11:45 @ Anthony's
January 10	Omaha Chamber of Commerce	11:45 @ Anthony's
February 14	BIM Update	11:45 @ Anthony's
March 13	ASHRAE Distinguished Lecturer	11:45 @ Anthony's
April 10	UNO Student Chapter Meeting	11:45 @ Anthony's
May 8	Downtown Omaha Energy	11:45 @ Anthony's
June	ASHRAE Golf Outing	T.B.D.



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

A N I N T E R N A T I O N A L O R G A N I Z A T I O N

## Lincoln Meeting – Wednesday, September 14, 2011

**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  
**Topic:** Conceptual Design Energy Modeling and Tools  
**Speaker:** Tim Hemsath, University of Nebraska

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

**Reservation required by Friday, Sept. 9, 2011:** Mike Barry, Black Hills Corp  
[mike.barry@blackhillscorp.com](mailto:mike.barry@blackhillscorp.com)

### Lincoln's Featured September ASHRAE Speaker

Timothy Hemsath, is currently Assistant Professor in the College of Architecture. He has over 10 years of combined industry and educational experience in the design, construction and research in energy efficiency and sustainable design. He was the architect for the ZNETH and ZNETH II energy efficient prototypes working with the College of Engineering. He has served as the PI on a \$98,787 Nebraska Research Initiative funded project to build research capacity surrounding Zero-net energy research at the University of Nebraska. Currently, he serves on the UNL team, Building Energy Efficient Homes for America, composed of researchers funded by the U.S. Department of Energy's Building America Program working with home builders and national partners. The team is eligible to receive up to \$2.5 million per year in funding over the next four-and-a-half years to identify, test and validate energy efficiency measures in new and existing homes.

### Future Lincoln Chapter Meetings

October 12	Seismic Bracing	Noon @ Valentino's
November 9	Load Match Pumping	Noon @ Valentino's
December 14	Sound Attenuation	Noon @ Valentino's
January 11	LES Data Center Design	Noon @ Valentino's
February 8	UNL Student Chapter MESC Competition Update	Noon @ Valentino's
March 14	ASHRAE Distinguished Lecturer	Noon @ Valentino's
April 11	Fan Curve Basics and Advancements	Noon @ Valentino's
May 9	Tim Wentz	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.*



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**A N I N T E R N A T I O N A L O R G A N I Z A T I O N**



# ASHRAE Learning Institute

## 2011 Fall Online Course Series

### 2 WAYS TO REGISTER

**Internet:** [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

**Phone:** Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

**Note:** You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



#### Basics of High-Performance Building Design

Mon, September 19, 2011 – 1:00 pm to 4:00 pm EST

#### Advanced High-Performance Building Design

Wed, September 21, 2011 – 1:00 pm to 4:00 pm EST

#### Fundamental Requirements of ASHRAE Standard 62.1-2010

Mon, September 26, 2011 – 1:00 pm to 4:00 pm EST

#### Complying with Standard 90.1-2010: HVAC/Mechanical

Thurs, September 29, 2011 – 1:00 pm to 4:00 pm EST

#### Complying with Standard 90.1-2010: Envelope/Lighting

Mon, October 3, 2011 – 1:00 pm to 4:00 pm EST

#### Healthcare Facilities: Best Practice Design

Mon, October 31, 2011 – 1:00 pm to 4:00 pm EST

#### Healthcare Facilities: Best Practice Application

Wed, November 2, 2011 – 1:00 pm to 4:00 pm EST

#### Evaluating the Performance of LEED-Certified Buildings

Mon, November 7, 2011 – 1:00 pm to 4:00 pm EST

#### Project Management for Improved IAQ <sup>NEW</sup>

Wed, November 9, 2011 – 1:00 pm to 4:00 pm EST

**The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits. Archiving is available.**

#### Data Center Energy Efficiency – Part 1

Mon, October 10, 2011 – 1:00 pm to 4:00 pm EST

#### Data Center Energy Efficiency – Part 2

Wed, October 12, 2011 – 1:00 pm to 4:00 pm EST

#### Using Standard 90.1 to Meet LEED Requirements – Part 1

Mon, October 17, 2011 – 1:00 pm to 4:00 pm EST

#### Using Standard 90.1 to Meet LEED Requirements – Part 2

Wed, October 19, 2011 – 1:00 pm to 4:00 pm EST

#### Implementing Standard 189.1 for High-Performance Green Buildings – Part 1

Mon, October 24, 2011 – 1:00 pm to 4:00 pm EST

#### Implementing Standard 189.1 for High-Performance Green Buildings – Part 2

Wed, October 26, 2011 – 1:00 pm to 4:00 pm EST



## ASHRAE HVAC Design Essential Workshop

January 11-13, 2012 • ASHRAE Foundation Learning Center • Atlanta, GA

### Obtain the skills needed to:

- Improve overall building performance
- Design high-performance HVAC systems
- Effectively collaborate on an integrated design team

ASHRAE has created the HVAC Design Essentials to provide intensive, practical education for designers and others involved in delivery of HVAC services. Developed by industry-leading professionals, this workshop provides participants with training design to accelerate their evolution into effective member on a design, construction or facilities maintenance team.

In addition to gaining in-depth knowledge and understanding, attendees will receive real-world examples of HVAC systems based on the newly renovated ASHRAE Headquarters building. The workshop teaches a systematic approach to guide a design team to a solution that optimally meets the client's expectations.

### Who Should Attend

- Engineers new to the HVAC industry
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain design knowledge
- Architects who want to understand HVAC design
- Construction project managers involved with mechanical systems



Visit [www.ashrae.org/hvacdesign](http://www.ashrae.org/hvacdesign) to register

### ASHRAE Certification Programs

- Building Energy Assessment Professional (BEAP)
- Building Energy Modeling Professional (BEMP)
- Commissioning Process Management Professional (CPMP)
- Healthcare Facility Design Professional (HFDP)
- High-Performance Building Design Professional (HBDP)
- Operations & Performance Management Professional (OPMP)

For more info, visit [www.ashrae.org/certification](http://www.ashrae.org/certification)