President’s Message

I can hardly believe this is my last address as your Nebraska ASHRAE Chapter President. I must say it has been such an honor and a pleasure to serve this outstanding community, and to get the opportunity to work with so many dedicated, intelligent people. I am quite enthused by everyone’s efforts and energy both locally and regionally, and am sincerely looking forward to continuing my volunteerism in this great organization.

One of the many things NE ASHRAE does which brings me great pride is award four $1,000 scholarships to Engineering students annually. As some of you may know last year the board decided to invest a lump sum of our scholarship marked dollars into the University of Nebraska Foundation. We established the Nebraska ASHRAE Memorial Scholarship and Fellowship Fund within the investment group. We are happy to report the funds are growing, so in turn are our abilities to ensure continued support of students in the years to come.

This year the awarded students were: Peter Uhing, Brian Novele, Mary Kleinsasser, and Kevin McIntyre. Should you know or come to meet these bright future engineering leaders, please be sure to congratulate them on their hard work and success. If you would like to help the NE ASHRAE Scholarship fund grow we encourage all our members to make contributions directly to the fund at: University of Nebraska Foundation, 1010 Lincoln Mall Suite 300, Lincoln, NE 65808. Be sure to reference our Fund ID#: 01121660. You may also donate online at https://nufoundation.org/donate?fundId=01121660.

And in keeping with the educational tone, be sure to read the great piece our Historian, Jim Ellis wrote to highlight the exciting news our very own Professor Tim Wentz P.E., HBDP, LEED®-AP, ASHRAE Fellow, is bringing to the ASHRAE community nationally!

Looking forward to seeing you all at the OPPD tour!

Sincerely,

Sarah Poursharafeddin, MBA, LEED-AP

Nebraska ASHRAE Chapter President 2013-2014

FYI
ASHRAE Indoor Air Quality Guide is now available for free download, see the link below.

https://www.ashrae.org/resources--publications/bookstore/indoor-air-quality-guide
Omaha Meeting – Tuesday, May 13th, 2014

Location: OPPD Omaha Service Center, 5520 Lindbergh Dr., Omaha, NE 68110 (by Eppley Airfield) [http://mapq.st/1iir1tV]

Note: Approach the gate for the parking lot on your left at the main entrance. You will have to give your name to security via the intercom.

Check-in: 11:30 a.m. (Please arrive early to facilitate serving meals)
Lunch: To be served prior to 12:00 p.m.
Menu: Boxed Lunch $10.00
Topic: Tour OPPD Omaha Service Center
Speakers: Clint Langan, Project Engineer, Facilities Management

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

Reservation required by Monday, May 12th, 2014: Nick Mandel, Specialized Engineering
nmandel@specializedeng.com

Omaha Featured Speaker

The OPPD Omaha Service Center, notable for its modern design and environmentally sustainable construction, opened for business on Monday, April 18 2011. The new 69,000-square foot facility is located on a 13-acre tract on Lindbergh Drive near the Storz Expressway. It replaces the service center on South Saddle Creek Road.

The new center includes green features like a 60-kilowatt array of solar panels, a 1.2-kilowatt vertical-axis wind turbine and LED yard lighting. It also features sustainability features like water-saving plumbing fixtures and recyclable outside siding.

OPPD is incorporating the sustainability features to demonstrate in part their applicability, a benefit for customers interested in the application.

The new Omaha Center was made possible by a land swap between longtime neighbors UNMC and OPPD.

Dozens of OPPD workers, who will be based at the new building, are tasked with repairing and maintaining power lines and underground cable in the metro area. OPPD also has service centers in Elkhorn, Papillion and Syracuse, as well as smaller T&D offices in Ashland, Blair, North Bend and Tecumseh.

Future Omaha Chapter Meetings

June 16th ASHRAE Golf Outing Iron Horse

Chapter Chairpersons:

Membership Promotion
Chris Hawk

Research Promotion
Shaun Nienhueser Matt Sargent

Student Activities
Kim Cowman

Chapter Technology
Transfer & Omaha Programs
Aaron Rasell

Lincoln Programs
Mike Barry

E-Commerce
Eric Granzow

Historian
Jim Ellis

Reception
Nick Mandel

UNO Student Chapter
Lily Wang

UNL Student Chapter & Chapter Website
Tim Wentz

Special Events
Rob Harper

Newsletter
Nick Decker

Librarian
Bill Wieseler

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

AN INTERNATIONAL ORGANIZATION
Lincoln Meeting – Wednesday, May 14th, 2014

Location: Valentino’s, 70th & Van Dorn, 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: Net Zero Energy Buildings
Speaker: Andrew Thompson, Principal, ME Group

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

Reservation required by Tuesday May 13th, 2014: Mike Barry, Black Hills Corp
mike.barry@blackhills corp.com

Lincoln Featured Speaker
Net Zero Energy buildings are a growing trend within the design and construction industry. The design practices and principles utilized in these high performance buildings can be applied to all projects types. Andrew Thompson, Principal at M.E. GROUP, will discuss the following topics regarding Net Zero Energy buildings:

- What is fueling a movement towards Net Zero Energy Buildings
- What is the design process to achieve Net Zero and how can these strategies be applied to all building types?
- Lessons learned from operational Net Zero projects.

Future Lincoln Chapter Meetings

June 16th ASHRAE Golf Outing Iron Horse
Professor Wentz graduated from the University of Nebraska with a Bachelor of Science degree in Mechanical Engineering and a Masters degree in Business Administration. He is a registered professional engineer in Nebraska, Colorado, South Dakota, and Wyoming. Additionally, he holds both Master Heating Contractor and Master Plumbing Contractor licenses, is a LEED® Accredited Professional (AP-BD&C) and holds ASHRAE’s new certification as a High-performance Building Design Professional (HBDP).

Upon graduation from the University, Professor Wentz went to work for his family’s mechanical contracting firm. As the fourth generation to join the firm, he had the opportunity to develop an expertise in mechanical design, estimating, and construction management. He spent 19 years in the industry, working on a wide range of mechanical projects throughout the Midwest, including hospitals, nursing homes, schools, factories and other large commercial enterprises.

Since entering academia Prof. Wentz has received numerous awards and honors for his teaching and service to the HVAC industry.

- In 2000, ASHRAE awarded Tim the E. K. Campbell Award of Merit for outstanding service and achievement in teaching.
- In 2008 he was awarded the Holling Family Teaching Advising Mentoring Award from the College of Engineering at the University of Nebraska.
- In March of 2009, MCAA awarded Tim its highest honor, the Distinguished Service Award.
- The Durham School of Architectural Engineering and Construction awarded him the 2013 Outstanding Educator Award.
- Also in 2013, ASHRAE awarded Tim its Distinguished Service Award.

As a part of his commitment to life-long learning, Tim serves on the national faculty of MCAA’s National Education Initiative (NEI), the Institute for Project Management (IPM) and the Institute of Project Acquisition (IPA), which provides continuing education opportunities for professionals in the mechanical industry.

- The Mechanical Contractors Association of America (MCAA) named Tim their national “Educator of the Year” on three occasions, 2000, 2002 and 2004.
- On page 5.
Needless to say, Professor Wentz is active in a number of professional societies, but most notably the Nebraska Chapter of ASHRAE where he:

- Was elected to serve on the board in 1992-99
  - 92-94 – Board Member
  - 94-95 – Treasurer
  - 95-96 – Secretary
  - 96-97 – President Elect
  - 97-98 – President
  - And finally served as our Board’s Ex-Officio in 1998-99.
- Served numerous years as Director and Region Chair for Region IX
- Was inducted into the Region IX Hall of Honor in 2005
- Tim served as a Society Vice-President from 2011 to 2013
- Tim currently serves ASHRAE’s Finance Committee, Building Energy Quotient (bEQ) Committee, Planning Committee, Standard Project Committee 214P (Standard for Measuring and Expressing Building Energy Performance in a Rating Program), is the Region IX webmaster and serves on two presidential ad hoc committees; Building Performance and Developing Economies.
- And most recently, Tim has been nominated for the position of ASHRAE Society Board of Directors Treasurer for 2014-15.

The Nebraska Chapter of ASHRAE is very proud to have Tim so involved in our Chapter, Region IX and in ASHRAE’s Society level. Congratulations Tim and Thank You for everything you have done! We can’t wait to see what there is to follow!

**Treasurer:** Timothy G. Wentz, P.E., Fellow ASHRAE, ASHRAE-Certified High Performance Building Design Professional; associate professor, University of Nebraska–Lincoln.

**Current Service:** member, Finance Committee, Building Energy Quotient Committee, Planning Committee, Developing Economies Ad Hoc Committee, Building Performance Alliance Ad Hoc Committee, Standard Project Committee 214P, Standard for Measuring and Expressing Building Energy Performance in a Rating Program; webmaster, Region IX.

As ASHRAE moves ahead in developing a new strategic plan, what do you see as the most vital need for ASHRAE members? We are entering a period of great change in our industry. As we evolve toward a sustainable process that focuses on building performance, supported by integrated design, a number of significant opportunities will manifest themselves. ASHRAE’s first priority is to its members, and it is vital that ASHRAE provide the technical, professional and educational tools that allow our members to excel and take advantage of these opportunities. Although the change will be great, we must also ensure that our core values of volunteerism, integrity, collaboration, excellence and commitment never change.