Hello ASHRAE members,

March was a busy month for our board and committee chairs. I especially want to thank those that volunteered their time to provide a meal at the Ronald McDonald House. We brought our friends at the Dire Lion Grille & Chippy food truck to help us out, and the families staying at the facility absolutely loved it. Food has a wonderful way of bringing people together.

This month ASHARE will host our Annual Spring Sporting Clays event at Oak Creek Sporting Club on April 27th. Your registration fee includes cart, 100 (12 gauge) shotgun shells, 100 targets, and a prime rib dinner. Event details and registration can be found at www.neashrae.org/.

Dig up your name tags for the April chapter meeting, as we’ll have some special guests in attendance. Invitations have been extended to the ASHRAE student group members and our chapter’s Life Members. The ASHRAE scholarship winners will be introduced and honored next meeting as well. Don’t miss it!

Remember that you can always check out our calendar for upcoming events, including the golf outing, NAEC 2017, and the Regional Conference. It’s going to be an awesome spring; thank you for being a part of it!

Sincerely,
Jessica Errett
Nebraska ASHRAE President 2016-2017
April Meetings

OMAHA — Designing the Ultimate Venting System for Maximum Boiler Efficiency with Steen Hagensen

Tuesday, April 11th, 2017
Anthony’s Steakhouse — Buffet ($18)

Steen Hagensen is the President and owner of Enervex Inc. (fka Exhausto Inc.) since 1991. He developed the Chimney Automation concept in 1991, a method to maintain a constant mechanically created draft in a chimney system independent of air flow variations. He has been involved in development and design of mechanical draft products and systems and related software since 1989. He is also actively involved in the code writing process as voting member of the National Fuel Gas Code technical committee (NFPA54ANSI Z223.1) and participation in related task groups.

LINCOLN — Designing the Ultimate Venting System for Maximum Boiler Efficiency with Steen Hagensen

Wednesday, April 12th, 2017
Valentino’s — Buffet ($15)

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

NEBRASKA ASHRAE Sporting Clays
A BENEFIT FOR THE NEBRASKA ASHRAE SCHOLARSHIP FUND

THURSDAY, April 27th starting at 1:30 pm
LOCATED AT OAK CREEK SPORTING CLUB
2890 W Rd, Brainard, NE 68626

Schedule:
Sign In: 1:30pm
“Shotgun Start”: 2:00pm
Prime Rib Dinner and Awards: 5:00pm – 6:00pm

Cost:
Individual: $135
Includes: Cart, 100 (12 Gauge) Shotgun Shells, 100 Targets, Prime Rib Dinner

Sponsorships:
Gun Sponsor: $500
Station Sponsor: $250
Rock Sponsor: $150

*All shooters must attend the onsite safety orientation. All shooters will be given a wristband upon completion of the safety orientation. Once the participant is no longer shooting their “shooter” wristband will be removed and they will be able to enjoy some beers.

Sponsored By:
ASHRAE Nebraska Chapter
control services
My name is Sarah Drummey. I have received the Willis H. Carrier Scholarship from ASHRAE worth $10,000. I am currently a student at the University of Lincoln at Omaha studying Architectural Engineering. I chose to go into engineering because I have a passion for problem solving and have always worked well with others. I am interested in building system design and project coordination. I have experience with companies in the mechanical engineering industry. I am always looking for an opportunity to learn something new and grow in my profession.

I am interested in the mechanical discipline because of the complexity involved. It has proven to be very challenging at times, but I welcome a challenge. I am excited to work with HVAC systems and would also like to learn more about energy modeling. I am currently a mechanical intern at Morrissey Engineering and in my short time with the company, the amount of experience and knowledge I have gained has been invaluable.

I am involved with many organizations on/off campus. I am currently the Vice President of AESLAC, the President of MESC/MCA-Omaha Leadership Academy, and a member of the ASHRAE student chapter on campus. Although I am a new member of the student ASHRAE group, I am excited to actively participate in the chapter. I actively participate in AESLAC and MESC and the benefits have been outstanding, so I am excited to see what benefits being involved with ASHRAE will hold for me.

To receive the scholarship, I had to meet academic, work experience, and leadership requirements. The academic achievements I have earned, several internship positions I have held, and multiple organizations I am involved in helped me meet these requirements. In addition to this, I had to turn in recommendation letters that highlighted my current work ethic and how it correlates to the way I will contribute to the industry in the future. Applying for this scholarship was a rigorous process but proved to be completely worth it in the end. I hope I can serve as a role model to other students at the University of Nebraska so they can see how the hard work I have put in has led to many rewarding things like the Willis H. Carrier Scholarship.
April 2017

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

11:00pm Omaha Meeting

11:30am Lincoln Meeting

16 17 18 19 20 21 22

1:30pm NE ASHRAE Sporting Clays

23 24 25 26 27 28 29

30
ASHRAE HVAC Design Training
DENVER

Level I & II Training Offered  Register for Both and Save

HVAC Design: Level I Essentials

When: September 18 - 20, 2017 | Denver, CO
Cost: $1,264 (ASHRAE Member: $1,009); Enroll 3 or more participants from the same company at the same time and SAVE!

ASHRAE’s HVAC Design: Level I Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

HVAC Design: Level II Applications

When: September 21 - 22, 2017 | Denver, CO
Cost: $854 (ASHRAE Member: $699); Enroll 3 or more participants from the same company at the same time and SAVE!

ASHRAE’s HVAC Design: Level II Applications provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability/Green/LEED/ HPB/NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals
- Life Cycle Cost
- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD
On June 23, 2017 Architectural Engineering Institute (AEI) and ASHRAE are sponsoring the NEBRASKA ARCHITECTURAL ENGINEERING CONFERENCE (NAEC) for professionals involved in the building industry. Please visit our website to learn more about the event and see last year program. This year the NAEC conference will be held on June 23, 2017.

The NAEC announce call for papers for 2017 NAEC Conference. Program selections are based solely on the merit of the abstract. Acceptance of abstracts for presentation is based on a review of submitted materials by the designated review committee. Proposals may include technical papers (to be presented at the conference) as well as forum sessions.

With this event we would like to present opportunity to engineers, architects, contractors, building management and other professionals involved in the building industry to learn about new technologies, applications and methodologies used in design, constructions, and building operations.

Presentations of interest to our audience cover a wide range of topics divided in tracks. Presentation may focus on technical, applications, energy efficient buildings and technologies, lighting and power building applications and technologies, smart buildings and other building related systems and applications.

The advantages of being part of our event are many and may include; personal recognition, increased awareness of your company, and membership in the distinguished and noted group of past speakers/panelists on the AEI/ASHRAE event archives.

Conference papers are due by March 31, 2017.

Please fill out the application by visiting the NAEC website.

For more information you can visit the website at https://aeinebraska.wildapricot.org/ or email us at AEI.ASHRAE.Nebraska@gmail.com

If you have any questions and are not answered on our website, you can always contact me personally.

Sincerely,

Chair of Nebraska Architectural Engineering Conference (NAEC)
Planning Committee

Milena Palahanska-Mavrov
AEI Nebraska
AEI.ASHRAE.Nebraska@gmail.com
This webcast will feature industry experts who will define the importance of, and why we should strive for, better building operations through improved controls and analytics. Viewers will be able to describe key elements of controls and analytics for building operations, and identify steps required to deploy analytics in building projects, including commissioning. This program will quantify how applying best practice controls improve building performance, and will recognize the value of analytics in building operations to achieve a reduced cost and increased performance.

Attend this FREE webcast program and you may be awarded three Professional Development Hours (PDHs).

Opening remarks by:

Timothy Wentz, P.E., Fellow ASHRAE, HBDP
Mark Gallagher
Srinivas Katipamula, Ph.D., Fellow ASHRAE, FASME
Jim Meacham, P.E.

www.ashrae.org/webcast
ASHRAE HVAC Design Training
2 Courses, 5 Days of Intense Instruction
Atlanta • Dallas • Doha • Hartford • Toronto

HVAC Design: Level I – Essentials - Registration is $1,264 ($1,009 ASHRAE Member)
Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is $854 ($699 ASHRAE Member)
HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register and learn how your Chapter can earn PAOE points.

Contact Karen Murray (kmurray@ashrae.org) to discuss scheduling ASHRAE HVAC Training in your Chapter area.
Future meetings
(Topics subject to change)

Omaha

| May 13th | Burlington Building Tour | TBD |
| June 12th | Golf Outing | |
| June 23rd | NE Architectural Engineering Conference | |
| Aug 3rd-5th | CRC | |

Lincoln

| May | LES K St DEC Plant Tour | TBD |
| June 12th | Golf Outing | |
| June 23rd | NE Architectural Engineering Conference | |
| Aug 3rd-5th | CRC | |

Chapter Chairpersons

**Membership Promotion**
- Philip Prest

**Research Promotion**
- David Kros
- Nick Mandel

**Student Activities**
- Meagan Kurmel
- Jim Butler

**Webmaster**
- Eric Granzow

**Omaha Technology Transfer**
- Aaron Rasell

**Lincoln Technology Transfer**
- Will Morris
- Abby Visty

**Grassroots**
- Tyler Glesne

**Historian**
- Jim Ellis

**Special Events**
- Kyle Heberly
- Aaron Rasell

**Newsletter**
- Sara Robbins

**Reception (OMA)**
- John Nebbia
- Callen Schwank

**Reception (LNK)**
- Abby Visty

**Faculty Advisors**
- David Yuill
- Josephine Lau
- Tim Wentz

Visit us on the web at [www.neashrae.org](http://www.neashrae.org)