Wow, January went fast! Thanks again to Tim Wentz for presenting ASHRAE 20-20 to the Omaha Chapter and Lincoln Section. I think it was an interesting perspective of an exciting future from the immediate past Society President.

Congratulations to University of Nebraska (Omaha Campus) students Dustin Hill, Nicholas Jenssen, Sean McMahon, and Kaleb Rodenhausen for placing third in the System Selection category. Also, Joshua Smrcina and Trevor Steinkruger of Omaha for also placing third in the Applied Engineering Challenge. Special thanks to the Advisors David Yuill (Academic), Joe Hazel (Industry), and Dan Karnes (Industry) for their involvement and support. They were all recognized at the recent Winter Meeting in Chicago. The UNL AEI teams have placed in the top three the last 2 out of 3 years with two first places in 2015! Dilly! Dilly!

There are lots of functions going on in the next month starting with the YEA Ice Skating at Mahoney on Thursday February 15th. Take your sweetheart for a belated Valentine’s Day present. More information is located on page 5.

E-Week is coming up the week of February 18-24 with the E-Week Banquet on Thursday February 22nd at Field Club of Omaha. More information on the banquet and required RSVP is located on page 4 of this awesome newsletter.

Mark your calendars, the AEI Biennial Forum will be held April 4-6, 2018 at the Scott Conference Center. I encourage you all to check out the Technical Sessions that will be presented at the AEI Forum. See page 6 for more information on the speakers and schedule and for the link to register!

Finally, our speaker this month is Distinguished Lecturer Sheila Hayter. Sheila is the current Society President Elect and works with NREL in Colorado Springs, CO. You don’t want to miss Sheila and her presentation on Renewable Energy in Buildings as well as her upcoming transition to society ASHRAE President.

I look forward to seeing each of you February 13th in Omaha and February 14th in Lincoln. Come up and say Hi!

Until then, Cheers!

Tom Lewis, Nebraska Chapter President, 2017-18

President’s Message
February Meetings

**OMAHA — Renewable Energy in Buildings with Sheila Hayter**

Tuesday, February 13th, 2018

Anthony’s Steakhouse, Buffet ($18)

Sheila Hater is a Senior Engineer at National Renewable Energy Laboratory and serves as the ASHRAE society’s President-Elect in addition to her role as a Distinguished Lecturer with ASHRAE. She will be giving an overview of renewable energy resources available and discuss how to successfully implement these technologies.

**LINCOLN — Renewable Energy in Buildings with Sheila Hayter**

Wednesday, February 14th, 2018

Valentino’s, Buffet ($15)

See above.

For more information or to register for either meeting visit our website [www.neashrae.org](http://www.neashrae.org)

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**Golfers Wanted:**

Nebraska Chapter ASHRAE golf league has an opening for (1) team to participate in the 2018 golf season.

Play is Tuesday afternoons at Indian Creek Golf. 4 team members required to play each week.

If interested, contact Joe Holtmeyer at the Vern Simmonds Co. [joeh@v-s-c.com](mailto:joeh@v-s-c.com)
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<td></td>
<td>11:30am Lincoln Meeting</td>
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February 2018
Local Events:

- Lincoln, Omaha, Council Bluffs, and State of Nebraska E-Week Proclamation information available [here](#).
- Nebraska Robotics Expo—Strategic Air & Space Museum, February 17th, 8AM—5PM.
- Truss Bustin’ - UNO Peter Kiewit Institute, February 25th, 8AM.
- Engineer’s Week Banquet (see below).

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**Engineer’s Week Banquet**

**Sponsored by the Engineer’s Roundtable**

**Thursday, February 22, 2018**

**Event Begins at 6:00PM**

**Banquet and speaker at 7:00pm**

Field Club of Omaha, 3615 Woolworth Ave, Omaha, NE

Cost is $30 per person, advanced registration required

Social Hour (cash bar) at 6:00pm

Speakers Michael Laird, Program Director for Olsson Associates Drone/Unmanned Aerial Vehicle (UAV) Program, and Eddie Fossler, Survey Technical Manager in Olsson’s Omaha Office, will discuss Drone Applications in Engineering, Surveying and Mapping. (0.1 CEU or 1.0 PDH Available)

RSVP With payment to Elizabeth Hunter, Snyder & Associates, 1751 Madison Ave, Council Bluffs, IA 51503; For questions email ehunter@snyder-associates.com
YEA FAMILY SKATING EVENT

WHEN: Thursday, February 15th  
5:00 – 7:00 PM
WHERE: Mahoney State Park, Kids Activity Center  
28500 West Park Hwy, Ashland, NE 68003
EVENT: Bring your kiddos and spouses to enjoy some ice skating or let them burn some energy in Jungle Gym.
COST: (pay at the park)
$6 day pass for entry to Park (if you don’t already have a State Park sticker)
$2/person for Activity Center
$3/person for Skate Rental
YEA will be sponsoring pizzas. Additional concessions are available at the activity center to be purchased separately.

GRASSROOTS GOVERNMENT ADVOCACY

Share What Issues You Care About!
Tell ASHRAE what government affairs/public policy issues you are interested in or would like to be involved or any pressing issues you think ASHRAE should be involved in.

Share My Views

Take Action on Bills
Sign-in using your ASHRAE ID to "vote" for or against upcoming legislation that affects you and fellow engineers.

Take Action on tracked federal and state bills by finding your local representatives and writing, calling, sharing or commenting on the proposed legislation

MORE ARTICLES

To find more articles visit www.ashrae.org/government-affairs/government-affairs-updates

Click the button below to subscribe and receive information on activities within Congress and Federal agencies from the ASHRAE Washington office.

SUBSCRIBE
THE HEALTH OF THE INTEGRATED BUILDING

Hosted by the Durham School of Architectural Engineering and Construction
Scott Conference Center
April 4-6, 2018

Online Registration open through March 21: $200 ($250 onsite); Students: $95

Wednesday, April 4th
Student Leader Workshop
Student Design Competition Practice

Thursday, April 5th
Student Design Competition
Technical Tours (Children’s “Big Room”, HDR’s new HQ, Scott Data Center, or Peter Kiewit Institute)
Welcome Reception, Career and Networking Fair (For more information about the Career and Networking Fair contact Bonnie Martin at bonniemartin@unl.edu or 402-554-3949)

Friday, April 6th
Technical Sessions
AEI 20th Anniversary Reception
Awards Banquet

Topics for the Technical Sessions include:

- The Business Case Integrated Lean Project Delivery (ILPD) and the Moderation of the Children’s Hospital Omaha IPD Project Team Panel Discussion with Dr. Victor Sanvido
- Overview of Risk Management for Infection Control during Healthcare Construction & Demystifying Healthcare with Marlene Linders - ASHRAE Distinguished Lecturer
- Clearing Health and Wellness Hurdles with Integrated, Circadian-impactful Lighting Design with Edward Clark
- VR/AR: Next Generation Design - Empathetic Design: It’s not just what you see with Jonathan B. Bartling
- Solve Complex Problems with Data-driven Design with Scott Foral
- The Unique Challenges of Healthcare Facilities with Dr. Ilene Busch Vishniac
- Health in the Built Environment – The WELL Building Standard with Dr. Marcel Harmon and Stuart Shell
- Think Whole Person Healthcare Building with Pat Kelly
- Energy Reduction in Healthcare Facilities and Striving to Achieve the 2030 Goal with Darren Dageforde, PE
- Up-close and Personal with Today’s Healthcare Environments with Dr. Aja Kneip Pelster

For more information visit their website http://www.aei-forum.org/
THE AWARDS ARE IN!

UNL Student Teams Recognized at Winter Conference

Senior Students specializing in Mechanical Systems through UNL’s Architectural Engineering program placed 3rd in two of ASHRAE’s Student Design Competition Categories! Students received their awards at the Winter conference this past month.

Dustin Hill, Nicholas Jensen, Sean McMahon, and Kaleb Rodenhausen took 3rd place with their HVAC system comparison and selection. Their building was located in Chile and their comparison had to evaluate life-cycle cost, acoustical considerations, a PV systems that would support 5% of the total building energy needs, and system maintenance. They chose to evaluate a VAV System utilizing an ocean loop and radiant floor heating, an ocean loop with heat pumps and radiant floor heating limited to service and garage areas, and a VAV system with an ocean loop that utilized water to water heat pump reheat, economizer cooling and radiant floor heating in the service and garage areas only.

Joshua Smrcina, and Trevor Steinkruger competed in the Applied Engineering Challenge which evaluated a retrofit evaporative cooling system for an existing air conditioning system in Atlanta, Georgia. Their solution had to lower utility bills in addition to providing additional cooling for occupants. They considered a rainwater injector system, collected water heat sink, and a condenser coil sprayer.

These students continue a history of Nebraska’s excellent performance in these international competitions (the best of any university worldwide if you consider the number of top-three placements). For a full list of all top-placed teams for the past three years visit https://www.ashrae.org/membership-conferences/student-zone/design-competition/student-design-competition

Special thank you to Rick Hollendieck (Sys-Kool), Jim Ellis (Commercial Air Management), Chuck Cole (Control Temp), and Rob Harper (Mechanical Sales) for helping in the equipment selection discussion. And to Joe Hazel (HDR), Dan Karnes (Leo A Daly), and David Yuill (UNL) for acting as advisors to the teams.

Congratulations

Connect with NE ASHRAE

Want to stay connected to what Nebraska ASHRAE is doing? Use the links to the left or look for us on social media today!

You can also join or emailing list by emailing admin@neashrae.org

Connect with NE ASHRAE

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## Future meetings
(Topics subject to change)

### Omaha
- **Mar 13th**: Dust Collection and Vehicle Exhaust
- **Apr 10th**: Humidification
- **May 8th**: Leadership
- **June 12th**: Golf Outing

### Lincoln
- **Mar 14th**: Dust Collection & Vehicle Exhaust
- **Apr 11th**: Humidification
- **May 9th**: TOUR - UNL City Campus
- **June 12th**: Golf Outing

### Chapter Chairpersons

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<tr>
<th>Membership Promotion</th>
<th>Omaha Technology Transfer</th>
<th>Reception (OMA)</th>
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<tr>
<td>Philip Prest</td>
<td>Meagan Gibbs</td>
<td>John Nebbia</td>
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<td>Sara Robbins</td>
<td>Aaron Rasell</td>
<td>Callen Schwank</td>
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<tr>
<th>Research Promotion</th>
<th>Lincoln Technology Transfer</th>
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<tr>
<td>David Kros</td>
<td>Will Morris</td>
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<td>Nick Mandel</td>
<td>Abby Visty</td>
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<th>Student Activities</th>
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<tr>
<td>Jim Butler</td>
<td>Tyler Glesne</td>
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<td>Brianna Brass</td>
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<td>Milena Palahanska-Mavrov</td>
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<tr>
<th>Webmaster</th>
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<tr>
<td>Eric Granzow</td>
<td>Jim Ellis</td>
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<th>Newsletter</th>
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<tbody>
<tr>
<td>Sara Robbins</td>
<td>Kyle Heberly</td>
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### Chapter Officers

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<tr>
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<tr>
<td>President</td>
<td>Tom Lewis</td>
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<td>Shaun Nienhueser</td>
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<td>Secretary</td>
<td>Chris Hawk</td>
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<td>Treasurer</td>
<td>Chris Beaty</td>
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<td>1st Board Member</td>
<td>Jake Kopocis</td>
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<td>2nd Board Member</td>
<td>Aaron Rasell</td>
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<td>Board Ex-Officio</td>
<td>Jessica Errett</td>
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