Dear Nebraska ASHRAE Members,

I want to thank everyone who attended our September meeting on energy modeling last month. We had great attendance at both the Omaha and Lincoln meetings. I hope to see our meeting attendance grow each month. Please encourage others co-workers, colleges, and friends in the industry to attend our monthly meetings and don’t forget that Professional Development Hours (PDH) are available at each meeting. Our goal is to organize meeting topics that are relevant to our industry and would love suggestions on future topics or speakers.

This month I would like to provide an update on our Student Activities Committee. I first want to thank every member who donates there time during the year to talk, mentor, or teach students from elementary age through college. The Nebraska Chapter continually leads our ASHRAE Region in the amount of hours donated by members to student groups. Exposing students to the opportunities of engineering as a potential career is invaluable to advancing our industry.

We have a few changes to our Student Committee that I would like to make everyone aware. First we have a new chairperson in Scott Murray. Scott is a recent graduate of the University of Nebraska Architectural Engineering program where he was heavily involved with the student chapter of ASHRAE. Scott will be responsible for working with our local student chapters, facilitating our scholarship program, organizing student involved activities and scholarship fundraising efforts. Keep your eyes open for the announcement of another fun student scholarship fundraising event based on the success of last year’s Lucky Bucket Brewery Tour!

This past year the Nebraska Chapter made a change to our student scholarship fund that we feel will help maintain our yearly scholarships for years to come. A scholarship fund through the University of Nebraska Foundation has now been set up to manage all scholarship monies for our chapter and to help distribute funds to students. The Nebraska Chapter annually awards four $1000 dollar memorial scholarships to college age students majoring in HVAC&R related engineering or construction management programs. The Nebraska ASHRAE Memorial Scholarship and Fellowship Fund is in honor of B.G. Petersen, Ray Alvine, Ray Dunbar, X. Hoffman, and Larry Jenkins. (continued)
President’s Message -- continued

Larry Jenkins name was added to this memorial scholarship last year to honor his service and dedication to our local chapter. Members can directly donate to this scholarship fund through the University Foundation.

Moving scholarship funds to the University Foundation does not stop our ASHRAE Chapter from providing scholarships to student programs outside of the University of Nebraska system. Being able to maintain our ability to encourage and support other student programs throughout Nebraska is very important to our Chapter and this move to the Foundation program does not limit us in supporting other student programs.

If any member has questions or would like to volunteer with our Student Activities Committee please contact Scott Murray at s.murray@sensus.com or me, at krcowman@leoadaly.com.

Best Regards,
Kim Cowman
Nebraska ASHRAE President 2011-2012

Membership and Promotion

We would like to recognize our new members that have joined since May 1, 2011.

Ryan Stutzman – Lincoln, NE  Michael Ediger – Omaha, NE
Chad Westphalen – Omaha, NE  Sunil Patel – Atlanta, GA
Kyle Heberly – Omaha, NE  Jake Schanzmeyer – Omaha, NE
Morgan Fogarty – Omaha, NE  Lenny Boury – Omaha, NE
Nathan Rasmussen – Omaha, NE  Ryan Adrian – Omaha, NE
David Roberts – Lincoln, NE  Mark Clark – Omaha, NE

Thank you for joining the Nebraska ASHRAE Chapter and we all look forward to seeing you at the meetings and events.

We are currently looking for ideas, recommendations, and volunteers for the 2012 winter event in February as well as for a couple of YEA events. If anyone can help we would appreciate it. Please let Jake Kopocis (Membership Chair) know if you’re interested. jkopocis@controlservices.com

Communications/Technology Director Needed

If you are technology savvy, and looking for a way to contribute more to the Nebraska ASHRAE Chapter, now is your time to shine. We are looking for people in both Omaha and Lincoln who would like to help bring our chapter into the technology age. Maybe you have ideas that would make our chapter more effective, maybe you have the knowhow when it comes to computer-ease, or maybe you’re just interested and want to help out. Getting involved in the chapter is rewarding, and fun, so let Sarah Richardson (sarahr@spihvac.com, 402.214.8162) know if you would like to help.
Omaha Meeting – Tuesday, October 11, 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: Developments in Seismic Bracing
Speaker: Jeff Jackson, Fire Protection and Seismic Bracing

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

Reservation required by Friday, Oct. 7, 2011: Alex Skillman, Leo A. Daly
ABSkillman@leoadaly.com

Omaha’s Featured October ASHRAE Speaker
Jeff is currently The Regional Sales manager for Fire Protection and Seismic Bracing. Jeff was formerly the World Wide Product Development Manager for ERICO International or what you might better know as CADDY products, in world wide seismic bracing products for non-structural systems. Jeff has been involved with seismic bracing for the past 5 years and has several years experience working in world wide product management and distribution, manufacturing, six sigma, and sourcing. Jeff will be sharing developments in seismic bracing and the challenges in application.

Future Omaha Chapter Meetings

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<tr>
<th>Month</th>
<th>Event Description</th>
<th>Time</th>
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<td>November 8</td>
<td>Load Match Pumping (ASPE Joint Meeting)</td>
<td>11:45</td>
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<tr>
<td>December 13</td>
<td>TBD</td>
<td>11:45</td>
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<tr>
<td>January 10</td>
<td>Omaha Chamber of Commerce</td>
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<td>February 14</td>
<td>BIM Update</td>
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<td>March 13</td>
<td>ASHRAE Distinguished Lecturer</td>
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<tr>
<td>April 10</td>
<td>UNO Student Chapter Meeting</td>
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<td>May 8</td>
<td>Downtown Omaha Energy</td>
<td>11:45</td>
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<tr>
<td>June</td>
<td>ASHRAE Golf Outing</td>
<td>T.B.D.</td>
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Lincoln Meeting – Wednesday, October 12, 2011

Location: Valentino’s, 35th & 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: Gutters for Gayaza
Speaker: David Holtzclaw, Transduction Technologies

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

Reservation required by Friday, Oct. 7, 2011: Mike Barry, Black Hills Corp
mike.barry@blackhillscorp.com

Lincoln’s Featured October ASHRAE Speaker

David Holtzclaw received his BS and MS in Aerospace Engineering from Purdue University and PhD in Biomedical Engineering from the University of Cincinnati in 2001. Previously he worked at NASA Johnson Space Center in Houston, TX, Emory University in Atlanta, GA, and the University of Nebraska Medical Center. Currently, he runs Transduction Technologies, a bioengineering and green energy start-up company in Omaha, NE.

David started working with Engineers Without Borders in 2006 as a mentor for the Rice University Student chapter of EWB. He has travelled to Nicaragua and Kenya on projects. David is the current president of the Professional Chapter of Engineers Without Borders (EWB). Engineers Without Borders (EWB) is a non-profit organization that provides infrastructure and engineering support to developing communities and is currently working in 45 countries. The Nebraska Professional chapter of EWB will present their ongoing work in Gayaza, Uganda, where EWB-NE has recently designed and built a rainwater harvesting system to provide clean water to a medical clinic in Gayaza.

Future Lincoln Chapter Meetings

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<tr>
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<td>Load Match Pumping</td>
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<td>November 9</td>
<td>Noon @ Valentino’s</td>
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<td>December 14</td>
<td>Sound Attenuation</td>
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<td>December 14</td>
<td>Noon @ Valentino’s</td>
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<td>January 11</td>
<td>LES Data Center Design</td>
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<td>January 11</td>
<td>Noon @ Valentino’s</td>
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<tr>
<td>February 8</td>
<td>UNL Student Chapter MESC Competition Update</td>
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<td>February 8</td>
<td>Noon @ Valentino’s</td>
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<td>March 14</td>
<td>ASHRAE Distinguished Lecturer</td>
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<td>March 14</td>
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<td>April 11</td>
<td>Fan Curve Basics and Advancements</td>
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<td>April 11</td>
<td>Noon @ Valentino’s</td>
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<td>May 9</td>
<td>Tim Wentz</td>
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<tr>
<td>May 9</td>
<td>Noon @ Valentino’s</td>
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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.
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 the delivery of HVAC services. Developed by industry-leading professionals, this workshop provides participants with training designed to accelerate their evolution into effective members 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 to register
PROFESSIONAL DEVELOPMENT COURSE

HVAC for Industrial and Commercial Facilities

HOSTED BY ASME DISTRICT C – NEBRASKA SECTION

Wednesday, November 2, 2011
8:00 a.m. – 4:30 p.m.
Mahoney State Park Lodge
Ashland, NE

Earn Eight Continuing Education Hours

Join your colleagues as representatives from New York Blower and Trane discuss topics related to HVAC for industrial and commercial facilities. Planned topics include fan selection, operation and maintenance of fans, the future of refrigerants, chiller selection, and variable frequency drives for chillers. There has been quite a bit of interest in an HVAC course, so early registration is encouraged.

The course fee is $100 for ASME members and $110 for non-members. There is a discounted fee of $80 for retirees and students. This fee includes course materials, CEH certificate, continental breakfast, lunch, refreshments, and state park entry permit. Breakfast will be available starting at 7:30 a.m.

Profits are used to fund scholarships and support student activities in both high school and college such as Power Drive, SAE Mini Baja, Create Robotics Competition, and student engineering chapters.

Paid reservations are required and are due by October 26.

Contact Jay Fluehr at FluehrEngineering@gmail.com for more information.

Register and pay online via credit card using ‘Register’ in the link below. If you are registering several individuals at once, please enter their names in the “Add special instructions to merchant” box on the payment review page.

If paying by check, make payment to ASME – Nebraska Section. Send to Dave Stransky, 6638 S. 110th St., Omaha, NE 68137
JOB DESCRIPTION:
CADD TECHNICIAN – LINCOLN, NE

M.E. GROUP’s genuine, progressive approach is recognized nationally for high-performance green building consulting. We continue to grow and are looking to add an outgoing, detail-oriented, and motivated CADD Technician to work in our Lincoln office. We work in a stimulating, collaborative and fun environment and this professional will have the opportunity to make a contribution to our success in national projects for the firm.

### Key Responsibilities
- A 2 Year Degree (required) with 2-5 Years Relevant Experience
- A strong knowledge of REVIT MEP 2008 or newer and AutoCAD 2008 or newer
- Knowledge of Mechanical, Electrical or Plumbing Design

### Job Responsibilities
- Lead REVIT/BIM projects in the Nebraska offices
- Interpreting & Drafting Engineer Created Redlines
- Create REVIT MEP Models
- Setup/Plot/Print CAD Drawings

### Compensation Package
- **Insurance:** Medical, Dental, Vision, Disability, Life, Supplemental Life
- **401(K)** with employee matching
- Health Club Membership Reimbursement
- Tuition Assistance
- Three Weeks Paid Time Off plus Eight Paid Holidays
- Personal Computer Purchase Assistance
- Relocation Reimbursement, Signing bonus & Ownership Opportunities

### About Us:
M.E. GROUP is a mid-sized mechanical and electrical consulting engineering firm with seven offices. The firm is a nationally recognized, established leader in innovative building systems design with a focus on sustainability and energy-efficiency. We are creative, outgoing, intelligent, and ethical people who enjoy what we do.
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