Dear Nebraska ASHRAE Members,

You may have noticed a few changes to our monthly meeting email reminder this month. We’ve updated our Nebraska Chapter website and are moving toward on-line registration and soon on-line payment! These changes will make it easier for our members to register and pay for our monthly meetings, special events, and golf outing. We will also be automating our event reminder emails to ensure members receive timely updates on upcoming activities.

Look for additional information to our website including a Nebraska Chapter member directory, on-line advertisements, and updates for future Chapter events. We encourage all members to update their ASHRAE Society profiles with their most up to date contact information as we will utilize this information to maintain our Nebraska Chapter contact list. Visit our new website at www.neashrae.org and provide us with your suggestions on how we can improve this site and make it user friendly for our members. Please contact Eric Granzow, egranzow@specializedeng.com, with any technical questions or issues with using the new website.

I need to recognize the hard work of Eric Granzow, Shane Cherney, Tim Wentz, and Sarah Richardson on researching new websites and bringing the Nebraska Chapter up to date with the latest on-line technology.

Best Regards,

Kim Cowman
Nebraska ASHRAE President 2011-2012
ASHRAE/DOE Fellowship

ASHRAE leaders,

We are looking for your help in getting the word out to ASHRAE members of a unique and challenging opportunity for growth in Washington, DC.

ASHRAE is sponsoring a 12- to 18-month fellowship program with placement at the Department of Energy in the Office of Building Technologies, Building Energy Codes Program in Washington, DC. This fellowship provides the traditional ASHRAE Member with exposure to the area of public policy. This assignment will enable a selected ASHRAE member to assist DOE in one of the following code deployment activities:

1. Code Compliance;
2. Residential Duct Test Training;
3. Assessment of the Impact of Updating State Energy Codes; or

Federal government fellowships provide a valuable public service to the nation while, at the same time, providing engineers and scientists with a unique opportunity to participate directly in the policy-making process. This is an exciting, rewarding, and educational period in their professional careers. This enriching experience enables ASHRAE/DOE Fellows to bring back to their employers an insider’s perspective on government decision-making that can contribute significantly to the mission and vision of the organization.

If you know of any members in your regions and/or chapters who might be a good fit for this opportunity, please have them contact Doug Read (dread@ashrae.org), our Director of Government Affairs, at their earliest convenience.

Thanks for your attention – and we look forward to interest from your members to play an integral role in growing the relationship between DOE and ASHRAE.

Regards,
Mark Wills, Manager - State and Local Government Affairs
ASHRAE
1828 L Street N.W Suite #810 Washington, DC 20036
Direct Line: 202-833-1830 ext 2003 Fax: 202-833-0118 eMail: MWills@ashrae.org
Web: www.ASHRAE.org
Omaha Meeting – Tuesday, April 10, 2012

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: UNO Student Chapter Meeting
Speaker: UNO Student Chapter

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

Reservation required by Friday, Apr. 6, 2012: Nick Mandel, Specialized Engineering
nmandel@specializedeng.com

Omaha’s Featured April ASHRAE Speakers

The following students will present their MAE projects:

Presenter: Andy Gilliam
Topic: Analysis and Comparison of Two Mechanical Systems in a data center

Presenter: Holly Brink
Topic: Demand Control Ventilation Case Study of Mammel Hall

Possible Presenter: Levi Epperson
Topic: Natural Ventilation in Commercial Building with CFD

Future Omaha Chapter Meetings

May 8  Downtown Omaha Energy  11:45 @ Anthony’s
June 25th  ASHRAE Golf Outing  Iron Horse Golf Club, Ashland, NE
**Lincoln Meeting – Wednesday, April 11, 2012**

- **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:** Fan types, fan selections and the fundamentals of airflow.
- **Speaker:** Zach Nelson, Twin City Fan & Blower

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

**Reservation required by Monday, April 9, 2012:**

- **Contact:** Mike Barry, Black Hills Corp
  - **Email:** mike.barry@blackhillscorp.com

**Lincoln’s Featured April ASHRAE Speaker**

Zach Nelson is the Regional Sales Manager of Commercial Products at Twin City Fan & Blower. He was hired as a Sales Application Engineer after obtaining his bachelor’s degree in Mechanical Engineering at the University of North Dakota. He has been with Twin City Fan for 7 years and is now a Regional Sales Manager. He is heavily involved in sales, marketing, design, and training of Twin City Fan’s commercial fan line. In addition, he is a member of ASHRAE and participates in the ASHRAE technical committee 90.1, Energy Standard for buildings. His discussion will cover fan types, fan selections, and the fundamentals of airflow. A dedicated portion will be focused on reading and understanding fan curves and systems.

**Future Lincoln Chapter Meetings**

| May 9 | Tim Wentz | Noon @ Valentino’s |

**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.**

- Articles for next month are due by **May 4, 2012**
- Please send to: **Ben Schmitt**
  - Farris Engineering
  - **Email:** bschmidt@farris-usa.com
  - **Ph:** 402.330.5900
Rice and Greens with EWB

An EWB-USA University of Nebraska Student Chapter and Nebraska Professional Chapter event to raise funds for EWB projects in Madagascar and Uganda

Friday, April 20, 2012, 6:00 – 9:30 pm
Scott Conference Center, North Dining Hall

What your $20 ticket includes:
• Dinner tickets for either a meal of rice and vegetables (50%); rice, vegetables and some meat (35%) or a lavish dinner (15%) • presentations by student and professional chapter representatives • a performance by the African Culture Connection

Reserve your ticket today at ewb.eventbrite.com or purchase at the door

Our thanks to our generous event sponsors (to date):

Schnackel Engineering

ConAgra, Inc • Tenaska • Blue Cross Blue Shield of NE • HDR, Inc.

Bank of the West • Great Western Bank • Security National Bank • Union Pacific • Lamp, Rynearson and Associates • Thiele Geotech • URS • Terracon Consultants • Leo A Daly • Alvine and Associates • Morrissey Engineering • Ehrhart Griffin and Associates

EWB.UNL.EDU | WWW.EWB-NE.WEBS.COM
New Changes to Members Council

During the 2011 fall meeting in Atlanta, a motion was approved to remove the Director and Regional Chairs (DRCs) as members of Members Council and to have them sit on the Board of Directors only. The DRCs will be replaced by a new position from each region called the Region Members Council Representative. Pending approval by the membership for an ASHRAE Bylaws change, this will become effective July 1, 2013.

New Insurance Coverage for Chapters

The Manual for Chapter Operations (MCO), Section 4.6 was updated to include a section for ASHRAE Chapter Event Insurance. This coverage is provided at the chapter's expense to cover sporting events such as racing, skiing, firearms, boating, mechanical bulls and other activities. See the MCO for full details or visit the ASHRAE website http://www.ashrae.org/society-groups/chapters/Manual-for-Chapter-Operations and click on the link under "MCO Bookmarked Sections and Appendices."

New Member Benefit

Beginning July 1, 2011, the decision was made to provide a complimentary 12-month subscription to ASHRAE Handbook Online to all new Members and Associates with an election date of July 1, 2011 and onward, since they will not receive their print or CD Handbook until June, 2012. The new members and associates will receive an email message with instructions on how to access their complimentary Handbook Online subscription. This is a one-time benefit for new members, and at the end of their subscription, they will be prompted to renew the Handbook Online at the $49 member rate.

Two chapter Resources are available online:

Centralized Training for MP:
http://www.ashrae.org/society-groups/committees/membership-promotion-centralized-training

Membership Promotion Blog
Visit our blog for training and resources - provide feedback as well!
http://ashraemptraining.wordpress.com/

Airmail Only $10 (USD)
Members outside the United States will be happy to learn Airmail delivery of the ASHRAE Journal is now only $10. ASHRAE encourages all members outside the U.S. to select this option on their membership renewal to ensure faster delivery of the industry's leading magazine, ASHRAE Journal. Click here to renew your membership.
Leadership U participants at the Chicago Winter meeting.

Leadership U – San Antonio

Have you ever wondered what ASHRAE Officers do at the ASHRAE Winter & Annual Conferences? Here is your chance to find out! Through Leadership U (offered by the YEA Institute), a handful of YEA members are selected for each conference to be matched up with Society Officers and participate in all of their events and board meetings, including social activities. Leadership U not only allows you to experience a conference like an Officer, but it is also a great opportunity to network and form connections with those active in ASHRAE.

If selected to participate in Leadership U, the costs of attending the Conference (transportation, lodging and registration) will be covered by ASHRAE. In addition, those selected will document their experiences and share them with the YEA Committee, their chapter and their region.

Submit your application today! All applications must be received by the close of business April 16, 2012. To learn more about this opportunity or if you have any questions, visit www.ashrae.org/yea.

HVAC Design Essentials Workshop Scholarship

Presented by the ASHRAE Learning Institute, the three-day HVAC Design Essentials Workshop allows attendees to focus on both the fundamental and technical aspects of HVAC design in commercial buildings, providing practical strategies for HVAC designers and others involved in delivery of HVAC services. The next HVAC Design Essential Workshop will be held May 21-23, 2012 at ASHRAE Headquarters, Foundation Learning Center.

To encourage attendance by young professional ASHRAE members, the YEA Institute offers one full scholarship for attendance to the HVAC Design Essentials Workshop (Level I of the workshop only). The full cost of registration to Level I of the workshop will be covered by ASHRAE.

If you have an interest in attending this workshop, this scholarship is the perfect opportunity for you. All applications must be received by the close of business April 9, 2012.

RP Chairs- Visit the RP Blog

Messages to donors, non-donors, reminders, graphics, and articles about Research are available at the RP blog (http://ashraerp.wordpress.com/)

CRCS Set For Spring 2012

Region VI - May 3 – 6
Minnesota Minneapolis, MN
Visit the website –
http://ashrae6.blogspot.com/

Region VIII - April 26 – 28
Northeastern Oklahoma Tulsa, OK
Visit the website -
http://region8.ashraeregions.org/crc.htm

Region XI - May 10 - 12
Manitoba Winnipeg, MB
Visit the website-
http://region11.ashraeregions.org/

Please contact Vickie Grant at ASHRAE Headquarters for questions or to request more information about CRCs.
Registration Open for ASHRAE Dedicated Outdoor Air Systems Webcast!

Registration is now open at www.ashrae.org/doaswebcast for the April 19, 2012 Webcast, “Dedicated Outdoor Air Systems – A Path to Balancing Energy and IEQ.” This free webcast is being brought to you by ASHRAE’s Chapter Technology Transfer Committee with support from Valent Air Management Systems, Rotor Source, Inc., Engineered Air, Munters, and Heat Pipe Technology.

Webcast Archive Available!

If you are unable to participate in the live webcast, the program replay will be archived online until May 3, 2012. Registration will be necessary to view the archived program. The webcast presenters are:

Ron Jarnagin  ASHRAE President 2011-12,Staff Scientist Pacific Northwest Laboratory  Richland, WA

Tim McGinn, P.E., LEED AP, Principal DIALOG  Calgary, AB, Canada

Stanley Mumma, Ph.D., P.E., Professor Emeritus Pennsylvania State University  University Park, PA

John Murphy, LEED AP, Applications Engineer Trane,  La Crosse, WI

There is no fee for registration. To register and learn about the webcast program, continuing education credits, and ASHRAE dedicated outdoor air systems resources, visit www.ashrae.org/doaswebcast. If you have questions about the webcast, call 678-539-1200 or email ashrae-webcast@ashrae.org

Modeling for a Sustainable Future

ASHRAE seeks to advance the industry’s ability to more accurately model and simulate a building’s energy use.

Building on the successful Energy Modeling Conference format in April 2011, this conference will begin with an interactive session with modeling software developers presenting common modeling scenarios on how their specific software can model a scenario, whether there are any limitations and what might be the best work around and exceptional modeling practices to obtain acceptable results when the tool cannot model the scenario "out-of-the-box".

Click here for the Conference Announcement and Call for Presenters

ASHRAE conferences provide great opportunities for knowledge sharing and networking.
Charles G. Arnold was born on January 9, 1941, at home in rural Falls City, Nebraska.

He grew up on the family farm where he learned values that he used throughout his life.

Charles graduated from Falls City High School in 1959 and served in the National Guard, attending basic training at Fort Leonard Wood, MO.

He attended the University of Nebraska, Lincoln from 1962 until 1966, obtaining his degree in Mechanical Engineering. Charles worked in Columbus, Nebraska until returning to the Falls City area in 1973. During this time he had three daughters: Crystal, Kimberly and Amy.

He started his engineering society memberships joining ASME in 1969, NSPE and the Professional Engineers of Nebraska from 1968-73.

In 1974 he met Sherry Williams. Charles and Sherry were married in June of 1975 and had two children: Jaime and Aaron.

In 1977, Charles and family moved to Omaha, Nebraska where he went to work for HDR.

Chuck joined ASHRAE on June 1, 1978.

In 1983 Chuck had his first publication in Nebraska Energy News, “Heating with Secondary Effluent Reduces Cost 75%”. He was active in the Nebraska Chapter, serving as Research Promotion Chairman and that year we received the Region IX Research Promotion “Best Chapter Award”.

In 1984, he was serving as a Region IX Research Promotion Vice Chairman and for two consecutive years (1984-85 and 1985-86) he received the ASHRAE Research Top Dog Award as Region IX RP Vice Chair.

Chuck was elected to the Nebraska Chapter Board in 1987, served as treasurer and then President Elect in 1988-89. However, he moved away before the year he would have served his presidency. Even though he moved away, he served as Parliamentarian and Education Chairman for the North Piedmont Chapter during his brief time away working on a special project in Winston-Salem for HDR.

In 1993 he served as a member of the Centennial Committee for Society. And, after his return to Omaha, he was re-instated into the 1993-94 board as President Elect and finally served as Nebraska Chapter President in 1994-95.

Some of Chuck’s other awards and activities in ASHRAE include:

1990 – Joined TG 2.6 “Sound and Vibration” and was a voting member from 1995-1999.
1993-1995, TC 8.10 “Pumps and Hydronic Piping corresponding member, member and voting member.
1997 – Joined TC 9.1 “Large Building Air Conditioning Systems” and was a voting member from 1999-2003.
1997 – Chuck received the Regional Award of Merit which recognizes activities and contributions at the regional level. Ten (10) service points are required for the Regional Award of Merit. Nominations are made by delegate from candidate’s chapter at the Chapters Regional Conference (CRC)
1998 – Charter Member for TC 9.1: “Central Energy Plant Subcommittee” and then served as Symposium Chairman for “Central Energy Plant kW and Demand Control”.
From 1994 to 2010, he served as a corresponding member, subcommittee chairman, voting member, program liaison, standards liaison and technical reviewer for several Standards and Technical Action Committees – too numerous to list.

2003 – Distinguished Service Award which recognizes members of ASHRAE who have served the Society faithfully and with distinction on committees or otherwise given freely of their time and talent on behalf of the Society (15 service points are required).
On March 28, 2006, Chuck became a Life Member of ASHRAE.

Chuck worked for 33 years with HDR and finally retired in December of 2009. He remained actively involved in ASHRAE until June 2010.

Throughout his life Charles enjoyed hunting, fishing, gardening and keeping busy with various projects in his garage/workshop. He entered into rest on February 2, 2012.
Larry L. Jenkins was born on April 21, 1935 in Sioux City, IA to Lester and Louise (Keyser) Jenkins.

He graduated from Troy (Iowa) High School with a College Prep. Diploma.

He attended Iowa State College from September 1953 to May 1955, having completed his pre-engineering studies.

He took a job as a Tracer Draftsman with Henningson, Durham and Richardson, Inc. (HDR) in September 1956 and worked his way up to Mechanical Designer prior to 1960.

He enlisted in the U.S. Army in January of 1958, serving until October of 1963.

He married Mary Sue Aistrope on June 21, 1959.

In 1960, Larry returned to school and obtained his B.S. in Mechanical Engineering from the University of Nebraska in May of 1964.

While attending college, he worked part-time at Davis and Wilson, Inc. in Lincoln. (also known as Berlinghof and Davis, Davis and Wilson, Davis Fenton Stange Darling and now Davis Design). Starting in September of 1960 as a Mechanical Designer, he worked his way up to Mechanical Project Engineer, leaving in September 1964.

In December 1964, he rejoined HDR as a Mechanical Project Manager. Over the next 10-years, he worked his way up to Assistant VP and Mechanical Section Manager in 1968.

In July of 1974, he left HDR to form a partnership with Chet Mack, starting their own consulting firm: “Jenkins-Mack and Associates”.

In 1984, he was called back to HDR to serve as the Vice President in charge of Mechanical Engineering.

In 1989, Larry left HDR and formed his own firm, Jenkins Engineering Company. He was an independent contractor working with local area engineering firms. Over the next 20-years, he worked with Olsson Associates, Applied Power Associates (APA), Utility Engineering (UE) and his final work with Zachary Engineering.

Larry held Engineering Registrations in Nebraska, Iowa, Illinois, Arizona, Oklahoma, Mississippi, New Mexico and California, to name a few.

He was heavily involved in ASHRAE, ASME, CSI, NSPE, CEC, UNL Engineering Alumni Association, Presbyterian Church of the Cross, Kiwanis, Scottish Rite and the Masons.

As an avid Husker fan, he served as a ticket taker at Gate 14 in Memorial Stadium for 20+ years.

According to copies of the original correspondence, Larry applied for membership into ASHRAE in July of 1963. However, he failed to send in his $7.50 admission fee. So, he wasn’t formally elected into ASHRAE Society Membership until December 2, 1963. ASHRAE records show this as January of 1964.

Larry quickly became active in the chapter and was selected as the Membership Chairman (1965-66).
He was a part of the ASHRAE golf and bowling leagues.

In 1974-75 – Larry served as the Nebraska Chapter President. During his presidency, he experienced the Great Snow Storm of January 10, 1975. This created problems for many of the travelers trying to get out of Omaha after our Energy Seminar and Product Show that drew some 600 people the day before. Then came the Tornado of ’75 (May 6”). Even with these natural disasters, the Nebraska Chapter was awarded the Presidential Award of Excellence with a special citation for finishing as the 3rd best chapter in the nation under Larry’s reign.

1979-81 – Region IX Education Committee, Regional Vice Chairman (RVC)
1981 – Regional Award of Merit
1987 – TC 4.09 Building Envelope Systems
1987 – TC 10.02 Automatic Ice-Making Plants
1987-90 – Region IX Director and Regional Chairman
1993-94 – Region IX Chairman of the Honors and Awards Committee
1997 – Distinguished Service Award Recipient
1997-98 – Vice chair of the Charter and Bylaws Committee
Twice chaired Region IX’s CRC Man-Mile Award Committee
Served on Society’s Nominating Committee
Finally, on May 22, 1999 (September 13 cert) - Awarded Life Membership Status

From what I can tell, Larry was the Chapter Historian for 35 years, dating back to 1975!?!? Over the years, he compiled (8) file cabinet drawers full of documentation, pictures and information.

I also don’t believe Larry ever missed a CRC.

Larry was laid to rest on August 7, 2010.
Preceded in death by his father Lester.
Survived by: His mother Louise and wife Sue
Daughter Kathy and Arden Gross
Son Ken and Traci Jenkins
Daughter Mary Ann and Brian McNeel
And seven grandchildren: Andrew, Evan, Sammy, Mathew, Kaity, Makenzie and Reagan.