

EVENT CALENDAR:

May

24th - Nebraska Section
Annual Banquet

June

9th - NEASCE/AEI Habitat
for Humanity build

ISSUE HIGHLIGHTS:

The Nebraska Section
ASCE Annual Banquet

April Transportation
Technical Group Meeting

Truss Bustin' Competition

Region 7 Continuing
Education Seminars and
Workshops

Annual Banquet

May 2012

The Nebraska Section ASCE Annual Banquet

Thursday, May 24, 2012

Program: 2012 Annual Banquet
Presentation of Life Member Awards
Presentation of Outstanding Student Awards
Election of Officers

Location: Embassy Suites Omaha-La Vista
12520 Westport Parkway
La Vista, NE

Times: 5:30 - 6:30 p.m. Social Hour
6:30 - 7:30 p.m. Dinner
7:30 p.m. Presentation of Awards/Election of Officers

Menu: Plated Dinner (Choice of Entree)

Asiago Chicken
Prime Rib

Accompaniments: Contemporary Greek Salad - Spinach, Iceberg &
Romaine Mix with Cucumber Sticks, Roasted Red Pepper, Kalamata Olives,
Red Onions, Feta Cheese and a Halved Roma Tomato with Garlic Herb
Vinaigrette

Dessert: Chocolate crisp cake

Dinner includes two complimentary drink tickets

** If you require a vegetarian option, please contact Shannon DeVivo at
402-677-1083 or shannon.devivo@urs.com

Price: Banquet- \$15 per person.
ASCE Student Members- Free
Life Members and Outstanding Students- Free

All persons planning to attend, regardless of price, must register.

Please pay at the door by check or cash only. A receipt will be given upon request.

Sign-up at: <http://neasce.com/signup/>

RSVP by 9:00 a.m. on Monday, May 21.

Email articles to Greg Seib at editor@neasce.org

2011-2012 NE-ASCE OFFICERS

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Tom Strauss, P.E., M.ASCE
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April Transportation Technical Group Meeting

Thanks to the Transportation Group for hosting the April meeting. The list below may be considered official documentation of attendance at the April 5th, 2012 meeting worth 1 PDH credit.

Aaron Buettner
Brandon Kyle
Daniel Erdman
Greg Seib
John Smith
Lee Kallstrom
Matthew Clausen
Patricia Rohan
Thomas Strauss

Andrew Phillips
Bruce Harris
Daren Konda
Jeff Kopocis
Josie Bircher
Libby Jones
Nyssa Nabity
Pranav Shakya

Ben Vacha
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Truss Bustin' Competition

Contributed by John Hill, Truss Bustin' Competition Coordinator

The 24th Annual "Truss Bustin' Competition during Engineers' Week was conducted at the Strategic Air & Space Museum on Saturday, February 25, 2012, during E-Week.

Altogether 185 trusses were entered in the competition from Gross Catholic, Burke, and Omaha North schools. The testing started at 12:30 PM and finished nearly 4 hours later. The top three places for the 24th Annual event went to:

1st Place - Madeline Kenny, Omaha North: \$150.00 prize and certificate

2nd Place - A 2 person team of Nate Crnkovich & Zach Johnk, Gross Catholic: \$75.00 prize and certificates

3rd Place - A 2 person team of Amy Lohaus & Anton Rice, Gross Catholic: \$50.00 shared prize and certificates. Amy Lohaus was on the 1st place team from last year.

The students are given rules to follow that in general allowed freedom for their own creativity yet allowed some control so the truss all fit in the testing device. The testing device has a load cell and digital screen that locks in on the maximum load in pounds at failure of the truss. The load carried (in Lbs.) is divided by the weight of the truss in grams to the 1.25 power. The intent of the 1.25 power is to stress to the students the importance of putting material where it helps for strength and providing an economical truss. The truss device can apply up to three concentrated loads six inches apart across a 24-inch span. This year the loading condition randomly selected was two concentrated loads, at the outside positions, the first time in five years that we had a symmetrical load condition. A device braces the truss laterally at the third concentrated load point, but no load is applied vertically.

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(Truss Bustin' Competition - continued from Page 3)

The load-to-weight ratio of the winning truss was 3.51 (up from 2.69 last year). The winning truss from Omaha North weighed 32.5 grams (1.15 ounces) and carried a total load at failure of 272.6 pounds. This truss was one of the first five trusses tested and remained on top during the rest of the testing.

Bruce Harris, P.E. and former Truss Bustin' competition Chair, Wayne presented a check on behalf of the Truss Bustin' contest to Madeline Kenny during the April NEASCE meeting. Daren Konda, P.E, President NE ASCE and John Hill, P.E., Truss Bustin' Competition Coordinator, went to Daniel Gross High School make presentations to the students and talk to the classes.

Many people are involved with putting this contest together, probably more than you can imagine, including many people that are not ASCE members, but are dedicated, willing people to help out the students and their schools by contributing to this contest. "Thank you!", to all these helpers. It would be an impossible task to accomplish the Truss Bustin' Competition this if it were not for these people. We are always looking for a few more people, so if you are interested in helping next year, contact John Hill. The many people involved make each single person's task very easy, but we always need new people to help.



Left to Right: Former Truss Bustin' Chairman Bruce Harris, 1st Place winner Madeline Kenny, Omaha North Teacher Dr. Lee Kallstrom



Daniel Gross High School, from Left to Right: NEASCE President Daren Konda, Nate Crnkovich co-2nd Place, Zach Johnk co-2nd Place, John Hill, Truss Bustin' Chairman

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(Truss Bustin' Competition - continued from page 4)



Daniel Gross High School, from Left to Right: NEASCE President Daren Konda, Anton Rice co-3rd Place, Amy Lohaus co-3rd Place, John Hill, Truss Bustin' Chairman

COMPLETE

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ASCE Region 7 Continuing Education Seminars and Workshops

ASCE Geographic Services is pleased to provide you with a list of upcoming Continuing Education seminars and workshops scheduled in your geographic area. These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department. The Region 7 schedule and the complete Spring 2012/Summer 2012 Continuing Education schedule have been placed under the "Links" tab on the ASCE Region 7 website.

| DATE | LOCATION | SEMINAR/WORKSHOP |
|--------------------|----------------------|--|
| June 7-8, 2012 | Denver, CO | Deep Foundations: Design, Construction and Quality Control |
| June 14-15, 2012 | St. Louis, MO | Structural Design of Residential Buildings Using the 2012 International Residential Code ~ Newly Updated |
| August 22-24, 2012 | Denver, CO | Streambank Stabilization for Restoration and Flood Control |
| Sept. 13-14, 2012 | Colorado Springs, CO | Financial Management for the Professional Engineer |
| Sept. 27-28, 2012 | Denver, CO | Design Build Contracting |



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