



# Nebraska Society of Professional Engineers

A state society of the National Society of Professional Engineers  
Eastern Chapter

April 2010

2010-2011

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Open

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## Building the BlueCross Building

In January, Don Mohlman, Tetrad Development Corporation, Kory Kylo, Kiewit Construction, and Mark Chalkley, Leo A. Daly, presented on the BlueCross Center in the Aksarben Village. They shared with the attendees the “Electronic” building process and how it saved time and money. Their online plan site was used to share plan revisions, requests for information, and change orders to the owners, engineers, and contractors in a matter of hours versus days through the traditional process. They also highlighted the ability to develop training and logistical information for the new owners and maintenance staff.



Kory Kylo, Kiewit Construction, overview of site.

## Upcoming Events

Thur., Apr 14<sup>th</sup>

**Joint NeSPE/SAME Mtg.**

**Taproot Technology**

**Non-members welcome!!**

**Field Club of Omaha**

**3615 Woolworth Avenue  
11:30 a.m. – 1:00 p.m. +/-  
\$20.00**

**\$10.00 – Gov. Employees  
Lunch and PDHs included**

## **Eastern Chapter Sponsors**

### **Robotics Team**

In February, the Eastern Chapter Board voted to help sponsor the Robotics Teams of St. Patrick’s Catholic School in Elkhorn. In only their second year in competition, the school has placed two teams in the top 4 at the National Championships. Their second place team will now compete in the World Championships held in Orlando Florida later this month. We wish them the best of luck!

### **6 Months Free**

NSPE Membership applications may be obtained at

[www.nspenebraska.org](http://www.nspenebraska.org)

## ***The Square Root of Engineering - Mathcounts***

Once again, the Eastern Chapter hosted the Mathcounts competition. On the morning of February 19<sup>th</sup>, the competition held in the CoCo Key Convention Center faced over 30 schools and approximately 220 middle school students against each other for the top honors of best Mathlete. The competition included timed tests including Target, Sprint, and Team rounds. The top four teams and ten individuals moved on to the state competition in March.



*St. Vincent De Paul, 1<sup>st</sup> Place Team. Pictured above: Donna Callaghan, Zach Cairney, Kevin Lynch, Don Nguyen, Alex Vetter, and Paul Woodward.*



St. Vincent De Paul, coached by Donna Callaghan, took top honors in the team competition, and Don Nguyen, St. Vincent De Paul, placed first in the individual scores. At the end the top ten individuals competed in a Countdown Round of head to head questions. Derek Chew, Alice Buffet Magnet, ran the table start to finish in a show of amazing skill. Derek continued on to the State competition and placed first in that competition and will continue on to the National competition.

We thank the many volunteers who took time that Saturday morning to help set up, proctor, score, and tear down for the event. We had over 30 professionals help and we couldn't have done it without you.



We also want to thank our many sponsors of the event, including, 3M, TransCanada, Hy-Vee, the Public Works Association, and many of our local engineering companies.

### ***Engineers Without Borders***

On March 22<sup>nd</sup>, the Engineers Without Borders gave a presentation to our membership about their organization and their planned trips to Uganda and Madagascar. David Holtzclaw, Shannon Bartelt-Hunt, and Mike McMeekin spoke on the needs of each location they are working with and the steps they take to provide the help that is needed. In Uganda, they will work to provide clean drinking water for local communities through use of roof gutter collection systems. In Madagascar, the university student chapter will work to provide potable water and electricity to community schools. The group is looking for sponsors and always accepting new members. They noted you do not need to travel to be a member.



*David Holtzclaw discussing EWB's cause*

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