

# **The Nebraska Civil Engineer**

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March 2024

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## **Upcoming Events**

### **March Environmental Meeting**

Presentation from NDEE on "What Every Land Developer Should Know."

Date: Tuesday, March 26th

Time: 11:15 AM - 1:00 PM

Location: Lazlo's Brewery & Grill - Haymarket, 210 N 7th St., Lincoln, NE, 68508

Registration Link (registration ends March 19th)



Andrew Eisenbraun, P.E., M.ASCE

### From the President

Hello ASCE Nebraska Members,

February was a busy month for our section with conferences, meetings, and outreach events.

We kicked off the month with Geo-Omaha and our Geotech section meeting. We had great attendance and programs both days, so thank you to all those who came and to the fantastic organizing team.

Next up we had a joint meeting with the UNO Student Chapter. It was a great opportunity to see the fantastic events the student chapter has been doing the past year and their plans for the rest of the school year. The meetings with our student chapters are some of my favorites throughout the year as it is always great to meet the next generation of engineers and see the exciting things they are up to.

We concluded February with our Truss Bustin' outreach event at PKI. We had an great turnout with about 30 high school students and family members to watch their trusses. While waiting for truss testing we also had a paper tower contest with a winning tower over 13 feet tall. Thanks to everyone who came out and helped put this on and especially thank you to our student volunteers for giving tours throughout the day.

March will be a bit slower with only one event on the calendar so far, but as always, be sure to watch your inbox for invites, and make sure your contact information is up to date at ASCE.org.

Our environmental meeting will be held over lunch March 26<sup>th</sup> in Lincoln with a presentation from NDEE on "What Every Land Developer Should Know." Please visit our website for more information and to register.

Finally, I would like to remind you that we are looking for committee members for our Nebraska Infrastructure Report Card. If you are interested or would like to know more please reach out to Daren Konda or me.

Sincerely,

Andrew Eisenbraun

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### **Future Cities Outreach Event**

On January 24th, Nebraska ASCE hosted the Future City Competition at the Education Service building in La Vista, Nebraska. ASCE members set-up the event, assisted with judging, and interacting with the competitors. "The Future City Competition is a national, project-based learning experience where students in 6th, 7th, and 8th grade imagine, design, and build cities of the future. Students work as a team with an educator and engineer mentor to plan cities using SimCity<sup>TM</sup> software; research and write solutions to an engineering problem; build tabletop scale models with recycled materials; and present their ideas before judges at Regional Competitions in January. Regional winners represent their region at the National Finals in Washington, DC in February."

For more information, visit the Future City Website at <u>futurecity.org</u> or contact the current Section President.



Winning project of the 2024 Future City Competition

### February Meeting Recap - Geo-Omaha

On February 9th, the 41st annual geotechnical seminar provided a forum for the presentation of a wide variety of geotechnical field, design, and construction-related topics. Several vendor displays were also present at the conference for additional educational opportunities. Below is a summary of speakers that presented during the seminar.

- Dr. Shannon Bartelt-Hunt, Ph.D. (University of Nebraska Lincoln)
- Mr. Brien Clark and Ms. Lucy Jaramillo, E.I.T. (Corrosion Specialists with HDR)
- Mr. Mark Ahlstrom, P.E. (USACE Dam Safety Modification Center of Expertise)
- Dr. Tejo Bheemasetti, Ph.D., P.E. (University of Arizona)
- Mr. Chuck Easton, P.E. (Freese and Nichols)
- Dr. Kam Ng, Ph.D., P.E. (University of Wyoming)
- Mr. Bryan Kumm, P.E., (HDR)



# February Meeting Recap - Geo-Omaha





### E-week Truss Bustin'

On February 24th, Nebraska ASCE coordinated the Truss Bustin' competition at PKI in Omaha. The Truss Bustin' competition is for high school students and typically held during E-Week each February. The students build trusses of balsa wood and test them to failure.







### **UNL Concrete Canoe - Pour Day**





On March 2nd, the UNL ASCE student section held Pour Day in preparation for this year's concrete canoe competition. The canoe will be demolded next month. See the UNL ASCE Facebook page for more updates!



### **Life Member Spotlight: Reed Schwartzkopf**

Reed graduated as an architectural tech from SCC Milford in June 1979 and later graduated with a BSCE from UNL in August 1987 and a Masters from UNO in May 1993. He joined ASCE around 1985 and stayed for camaraderie away from work and networking purposes to where also held multiple local chairs & director positions. Reed first worked for Midwest Lumber Company and now happily works for Speece Lewis Engineers Inc. He has enjoyed the conveying the challenges of learning the various areas of civil engineering and mentoring younger staff of what he first learned. He is also proud of his many accomplishments, including help rally against the initial licensing law and overseeing the completion/close-out of the \$53M Black Snake CSO project in St Joseph, MO. Reed has been married since 2001 with 3 children and 4 grandchildren and enjoys motorcycling, travel & fishing.

Congratulations, Reed!



### American Society of Civil Engineers Nebraska Section

www.neasce.org

The Nebraska Section of ASCE is an active organization of over 700 members who are diverse in practice & geography. ASCE represents more than 150,000 civil engineers nationwide and is America's oldest national engineering society.





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