

# The Nebraska

# Civil

# Engineer



Official Publication of the Nebraska Section of the American Society of Civil Engineers

## Calendar of Events:

### October:

- 21 - October Meeting (Construction) - Jerico's Restaurant, Omaha
- 21-23 ASCE National Conference - Baltimore, MD
- 29 - Hay Rack Ride and Bonfire - Shady Lane Ranch, Council Bluffs, IA - 7 PM

### November:

- 18 - November Meeting (Management) - The Steak House, Lincoln
- 20 - Design Build Competition (Boy Scouts Exploring)

### December:

- 10 - Comedy Night at The Funny Bone, Omaha - 8 PM

## Highlights of This Issue:

November Meeting Information

Hay Rack Ride and Bonfire

Explore Competition

Mentoring Opportunities

Who's Who of the Nebraska Section

Past Meetings PDH credits

Information omitted in last months newsletter (due to printer error) has been included in this letter

## The Construction Group Presents:

"Construction of the New San Francisco Oakland Bay Bridge"

Thursday, October 21<sup>st</sup>

Featuring: *Mr. David Sinsheimer*  
*Kiewit Engineering*

**David Sinsheimer** graduated from the University of California at Berkeley with a BSCE degree. he was a lecturer at the California State Polytechnic University at San Luis Obispo, a Project Manager for Fred Schott & Assoc. and a Structural Designer in Northern California. He has been employed with the Kiewit Companies for 25 years. Currently with Kiewit Engineering Co. as the Structural Design Manager. He has served as a field, design, and structural engineer; job superintendent, and structural engineering supervisor.

Location: Jerico's Restaurant,  
11732 W. Dodge Rd., Omaha

### Times:

Social Hour	5:30
Dinner	6:30
Presentation	7:30 - 9:00

Menu: Prime Rib, Grilled Boneless Chicken Breast, Stuffed Sole Monterey

Spouses and guests welcome, \$25 / person  
RSVP by Monday, October 18<sup>th</sup>

TO CRYSTAL 402.496.2498 OR  
VP@NEASCE.ORG SUBJECT LINE: ASCE RSVP

# From the President

- Loras A Klostermann, P.E.



Loras Klostermann, P.E.  
NE-ASCE President

The Structural Engineering Technical Group had another fantastic conference on September 24. About 190 people attended. The new location at the Scott Conference Center worked well.

The Transportation Technical Group has begun planning a new **technical conference in traffic and transportation engineering** topics for April of next year. Any transportation engineers or individuals interested in traffic and transportation are encouraged to contact **Dave Ayala** at 402-333-5792 or to e-mail him at [transportation@neasce.com](mailto:transportation@neasce.com).

The ASCE "Raise the Bar" Newsletter No. 3 by the Committee on Academic Prerequisites for Professional Practice (CAP<sup>3</sup>) is now available and provides information on the progress of the committee's activities as this issue has evolved. CAP<sup>3</sup> is also known as **Policy Statement 465**. A copy of this newsletter can be downloaded from your NEASCE section website under the "News and Announcements" heading. Updated information is available from the subcommittees on: 1) Body of Knowledge (BOK) – the background and education (both formal and informal) that engineers need for professional practice in the future; 2) Accreditation Committee is formulating a draft *ABET Civil Engineering Program Criteria* in order to incorporate the Body of Knowledge into undergraduate and graduate civil engineering curricula; 3) Curricula Committee – Civil and Environmental Engineering Departments from 16 Universities and several representatives from ASCE institutes are working to incorporate the BOK. Their preliminary finding is that obtaining BOK from bachelor's program is not feasible. This subcommittee is looking at how to assess the attainment of level of competence for the 15 outcomes; 4) BOK Fulfillment and Validation Committee; and 5) Licensure Committee. Please go to our website to get further information and to find where you may provide informed input into the process if you so desire. This process is necessary for our next generations of engineers.

**The Future City competition** within this area has continued to be a success for area students and rewarding for those individuals that have volunteered their time as mentors, judges, and in other ways. NE ASCE sponsors this very successful program for area junior high students each year. However, the cost of this program keeps going up, and the costs have gone beyond the available and budgeted resources this NEASCE Section has within our annual budget. The organizers have informed the Board that the costs are necessary since the individual schools that send teams to the competition are also having trouble getting additional funds and coping with their own budget cuts. We know this is a valuable resource for future engineers. Our area winning teams have gone on to place in and win the national competition in recent years. But we need more volunteers, mentors, and helpers to keep the Future City program the success that it has become. The competition also needs financial assistance from companies, corporations and individuals. See or call **Kirby Woods** 533-6550 with your assistance. You may also email Kirby at [futurecity@neasce.com](mailto:futurecity@neasce.com).

**Now is the time to renew your membership to ASCE.** As you can see from the previous paragraph, the Section budget has been stretched to the absolute limit possible. We get requests from the area University Chapters for assistance and provide them as much as possible. Funding assistance has been provided for University of Nebraska engineering students in both Omaha and Lincoln for activities including the concrete canoe, truss contest, and bridge contests. In addition to the funds provided by the Section, portions of the registration fees from the Geotechnical and Structural Conferences each year are used to partially fund these programs in addition to the partial funding of the Future City competition. Parts of these registration fees are also used to fund a scholarship for use by a selected Geotechnical Engineering student within the College of Engineering and Technology at the University of Nebraska. Be sure to include payment for the Nebraska Section dues with your National dues. Any voluntary contribution to the Nebraska Section will also be greatly appreciated.

We encourage every engineer to vote on November 2, 2004. **American engineers must fully participate in the political process.** This participation begins with voting! Get out and vote to let our engineering voices be heard. To help this process, ASCE, along with IEEE-USA, NSPE, Society of Fire Protection Engineers (SFPE), and Society of Women Engineers (SWE) have joined to put together a website: [www.engineeringthevote.org](http://www.engineeringthevote.org). This site has information on registering, absentee voting, dates and deadlines, and other web resources. Be sure to vote.

The Construction Committee is providing the technical speaker for this month's Section meeting. Be sure to attend.

Thank you for your attention and have a great month.

Loras A. Klostermann, P.E.  
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Come Join us for:  
The Younger Member Sponsored

## Hay-Rack Ride and Bonfire Friday, October 29<sup>th</sup> Shady Lane Ranch, Council Bluffs, IA

The Younger Members would like to invite you and your family to a Hay-Rack ride. Bring your cheer and your beverage of choice; hotdogs and S'mores will be provided for roasting. The Hay-Rack ride starts promptly at 7 PM, a bonfire to follow at 8 PM, and goes till midnight. Cost is \$8 / person, **RSVP by October 18<sup>th</sup>** to [yng@neasce.org](mailto:yng@neasce.org) or to Marie at 402.493.4800



# NE-ASCE News

**The ASCE election results have been tallied and are available online at [www.neasece.org](http://www.neasece.org).**

## Mentor a Child

*"One mentor, one person, can change a life forever – and I urge you to be that one person."*  
- PRESIDENT GEORGE W. BUSH



Boys and Girls Town needs your help. There are many students that need the one on one attention that can only be given by a mentor. Having been a mentor myself over the past few years, I can say the experience is a rewarding one.

Mentoring at Boys and Girls town is on a one on one basis. Mentors are paired with the same student each week to work on math skills ranging from basic math to algebra.

A mentoring session is just under one hour a week, time slots ranging from 8 AM to 3 PM. For more information, contact Chris Hyvonen at 402.498.3041 or at [HyvonenC@Girlsandboystown.org](mailto:HyvonenC@Girlsandboystown.org).

## Get Involved and *Explore*

On November 20<sup>th</sup>, the Younger Member Group is co-hosting an event with the Boy Scouts Exploring Program - a Design-Build Contest for 14 to 18 year olds interested in engineering. The Saturday morning event will begin with a brief introduction to an engineering topic, and then small groups of students will be let loose with a variety of materials to design and build their creation. After the building is complete, the teams compete (last year it was a contest to see whose boat could support the most weight) and everyone goes home a winner. We are in need of volunteers to help mentor the teams and assist in scoring the competition. If you can help, please contact Marie Maly at [yng@neasce.org](mailto:yng@neasce.org) or 493-4800. Thanks!



## Put a Spotlight on Your Favorite Project!

If you'd like to see your project in an upcoming NE-ASCE Newsletter, please send articles and pictures to: [editor@neasce.org](mailto:editor@neasce.org)

Spotlights will be 1-2 pages as space permits. Companies supporting the NE-ASCE Newsletter will be given precedence, but any company with ASCE members may participate.

## September Meeting Hosted by the Structural Group

Thanks to **Scott Gilland** and the Structural group for doing an excellent job hosting last months "explosive" meeting. We were all entertained as we learned about the risks associated with terrorist bombings and attacks.

The names listed below can be considered official documentation of attendance at the September meeting worth 1 PDH credit.

Dick Aichinatr  
Dave Ayala  
Mike Baumert  
Corey Bergman  
Helen Bottum  
Steve Bottum  
Jon Bucklin  
Aaron Buettner  
Carolyn Conrath  
Ed Conrath  
Eric Dixon  
Edward Fink  
Scott Gilliland  
Brian Havens  
John Hill  
Marle Holland  
Nelson Jacobs  
Kelli James  
Steve Joreenson  
Steve Kathol  
Loras Klostermann  
Rich Kotan

Heidi Kramer  
Gary Krause  
Patriek Lindsey  
Marie Maly  
Tom Marnik  
Bob Matlock  
Lynn Mayhew  
Peggy Meyers  
Ray Moore  
Mike Nacarar  
Al Nelson  
Dick Netley  
Lou Sobezuk  
Chuck Soukup  
Kip Squire  
Mike Spilinek  
Mark Stark  
Jeff Stevens  
Maher Tadros  
Lee Thompson  
Larry Troutman  
David Whitman  
Rob Whorley

## Civil Engineers, this is your chance to Come to Washington

Want to learn more about legislation that affects civil engineering? Want a chance to tell your elected officials about infrastructure needs in your home state? If you answered yes, you're the perfect candidate for Leadership Training in Government Relations.

This two-day program is held every March in Washington to educate civil engineers on issues and give them the opportunity to share their experiences with elected officials on Capitol Hill. The 2005 program will take place **March 8-9** and will coincide with the release of the 2005 Report Card for America's Infrastructure. Any ASCE member is welcome to attend and some travel reimbursement is available for qualified applicants. Visit [www.asce.org/govrel](http://www.asce.org/govrel) and click on 'Government Relations Leadership Training' for details and to download an application form.

## April 2004 Meeting Hosted by the Transportation Group

The names listed below can be considered official documentation of attendance at the April meeting worth 1 PDH credit.

Corey Bergman	Loras Klostermann
Bob Bielenberg	Heidi Kramer
Steve Bottum	Machelle Krajewski
Helen Bottum	Marie Maly
Brad Chambers	Thomas Marnik
Scott Gilliland	Mike McIntosh
Brian Havens	Ed Prost
John Hill	Mike Shlenar
Pat Hillyer	Ed Thiele
Rick Kaufmann	Joe Waxse

## The Management Group Presents:

"Civil Engineering Body of Knowledge:  
Preparing the Civil Engineer of the Future"

Thursday, November 18th

Featuring: **Dale Jacobson, P.E., DEE**  
**Jacobson Helgoth Consultants, Inc.**

**Dale Jacobson** is a Principal of Jacobson Helgoth Consultants, a multi-disciplinary environmental consulting firm with offices in Omaha and Lincoln, Nebraska, Denver, Colorado and Sacramento, California. He is a professional engineer in Nebraska and Iowa with 34 years of environmental engineering experience in municipal and industrial wastewater treatment, ground water, solid waste, hazardous waste, and low-level radioactive waste and has served as Project Principal, Project Manager, or Project Engineer for numerous projects.

Dale is currently serving on the ASCE Curricula Committee. This is one of three committees (Curricula, Licensure and Accreditation) operating under the Committee on Academic Prerequisites for Professional Practice that is responsible for implementation of ASCE Policy Statement 465. He also serves on the ASCE National Energy and Environmental Systems Policy Committee and has just completed service as Chair of the ASCE Task Committee on Specialty Certification. He was recently elected to serve as President of Civil Engineering Certification, Inc., the ASCE entity charged with implementing specialty certification.

Dale has earned a BS in Civil Engineering and a MS in Environmental Engineering from UNL. He has also achieved a MBA from UNO.

**Kudos to Mark Stark for organizing the  
November meeting early to get the  
information to you sooner!**

# NE-ASCE News

## Location:

The Steakhouse  
3441 Adams Street, Lincoln

## Times:

Social Hour	5:30
Dinner / Announcements	6:30
Presentation	7:30

## Menu:

9 oz. Club Steak, Orange  
Roughly, Pasta Primavera (w/  
chicken upon request), Steak and  
Chicken Combo

Spouses and guests welcome, \$20 / person  
RSVP by Monday, November 15<sup>th</sup>

TO CRYSTAL 402.496.2498 OR  
VP@NEASCE.ORG SUBJECT LINE: ASCE RSVP

## Renew Your Membership Today



*Nebraska*

Don't forget to renew your ASCE Membership at  
[www.asce.org/renewal](http://www.asce.org/renewal) to renew online. Don't  
forget to register for the Nebraska section.

## Change of Address or E-mail:

If your contact information has changed for any  
reason, please update your information at  
[www.asce.org](http://www.asce.org) "**my profile**". The Nebraska  
section is unable to make any changes to the  
membership database.

# The Who's Who of the Nebraska Section

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