

May 2011

EVENT CALENDAR:

May

19th -NE-ASCE Annual Banquet (Omaha)

ISSUE HIGHLIGHTS:

Annual Banquet Information

From The President

April Meeting Hosted by the Transportation Group

ASCE Scholarships

Annual Banquet

The Nebraska Section Annual Banquet

Thursday, May 19th, 2011

Program: 2011 Annual Banquet
Presentation of Life Member Awards
Presentation of Outstanding Student Awards
Election of Officers

Location: Tip Top Ballroom, Grand Ballroom West
1502 Cuming Street
Omaha, NE

Times: Social Hour 6:00 - 7:00 p.m.
Dinner 7:00 - 8:00 p.m.
Presentation of Awards/Election of Officers 8:00 p.m.

Menu: Grilled Flat Iron Steak
Chicken Basiline
Baked Salmon

Dinner includes two complimentary drink tickets

** If you require a vegetarian option, please contact Daren Konda at 402-330-8860 or dkonda@td2co.com

Price: Banquet \$15 per Person
(ASCE Student Members Free)
(Life Members and Outstanding Students Free)
(Special Guests Free)

To assure ample preparation of meals, all persons planning to attend, regardless of price, must register using the Nebraska ASCE Meal Signup Form.

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

Sign-up at: www.neasce.org/meal_signup/

RSVP by 9:00 AM on Tuesday, May 17, 2011

2010-2011
NE-ASCE OFFICERS

President

Aaron Buettner, P.E., M.ASCE
Olsson Associates
(V) 402-458-5694
president@neasce.org

President-Elect

Daren Konda, P.E., M.ASCE
Thompson, Dreesen & Dorner, Inc.
(V) 402-330-8860
president-elect@neasce.org

Vice President

Shannon DeVivo, M.ASCE
URS Corporation
vp@neasce.org

Past President

John Hill, P.E., M.ASCE
Lamp Rynearson & Associates
(V) 402-496-2498
past-president@neasce.org

Secretary

Lianne Lau, E.I., A.M.ASCE
URS Corporation
(V) 402-952-2665
secretary@neasce.org

Treasurer

Mike Skelnar, P.E., M.ASCE
Nebraska Department of Roads
(V) 402-617-1464
treasurer@neasce.org

Director

Marie (Maly) Stamm, P.E., M.ASCE
The Schemmer Associates, Inc.
(V) 402-493-4800
director1@neasce.org

Director

Tom Strauss, P.E., M.ASCE
ISG & Associates, Inc.
(V) 402-201-4109
director2@neasce.org

From the President

- Aaron Buettner, P.E., M.ASCE

Here it is; my last Newsletter address to the Nebraska Section. I know you have all been eagerly awaiting these exciting and spectacularly informative missives from me each and every month. Luckily, you'll be in good hands when Daren takes over next year.

Thanks to John Smith and Ticha Rohan, our co-Transportation Chairs for their hard work in putting together a very interesting April meeting. They also did an excellent job, once again, with the annual Transportation Conference.

Please be sure to make plans to attend the Annual Meeting and Banquet on May 19 at the Tip Top Ballroom. We will be enjoying an excellent dinner, socialization with our fellow ASCE members, recognition of outstanding work done by students and members, as well as installation of the 2011-2012 officers.

I appreciate the hard work of the Board Members this year. I'm proud to say I'm associated with this group that has done so many great things this year. Organizing the monthly meetings, setting up three conferences, revitalizing and expanding the YMG, conducting outreach activities like Truss Bustin' and career fairs are all things that have made the Nebraska Section successful not just this year, but also in years gone by. I know that the hard work of the Board and of the membership will continue into the future, and I'm glad to say that I have been a part of this. I intend to continue my participation with the Section and



Aaron Buettner, P.E., President of NE-ASCE

I encourage all of you to consider how you might increase your participation or otherwise help to keep our Nebraska Section vibrant.

-Aaron M. Buettner, P.E., M.ASCE

April Meeting Hosted by the Transportation Group

Thanks to the Transportation Group for hosting the April meeting. The list below can be considered official documentation of attendance at the April 14th meeting worth 1 PDH credit.

Anuj Sharma
Daren Konda
Ticha Rohan
Gary Krause
Chris Lefroif
Lara Syrocki

Diane Jones
Loras Klostermann
Ed Thiele
Jeff Kopocis
Charise Alexander

John Hill
Greg Seib
Marie Stamm
Lianne Lau
Matt McConville

John Smith
Mike Sklenar
Scott Sorensen
Aaron Buettner
Aaron Grote

THE PROFESSIONAL'S CHOICE

A Trusted Partner for Projects Large And Small



Foundation Supportworks by Thrasher has been helping secure and stabilize foundations since 1975. With decades of specific experience designing and installing wall anchors and piercing systems and more than 2000 projects completed every year, no team is better qualified to help protect your commercial construction investment. *Call the commercial foundation experts at Foundation Supportworks by Thrasher today.*

- Full-time Engineers On Staff
- Two-time BBB Business Integrity Award Winner
- Helical and Push Piers
- Tiebacks and Wall Anchors
- New Construction and Retrofit
- Retrofit Waterproofing

FOUNDATION SUPPORTWORKS BY THRASHER SINCE 1975

Call Bill Kirby Today: **402-650-1700**
or toll free **800-827-0702**
fsibythrasher.com

Commercial & Residential Foundation Experts

We make environmental problems go away.

Solving asbestos, lead, mold, and other hazardous materials in facilities since 1986.



AMI ENVIRONMENTAL **402.397.5001**

www.amienvironmental.com



OLSSON ASSOCIATES

www.oaconsulting.com

Working every day to improve the quality of land, air, water, and life through comprehensive design solutions for infrastructure projects.



Thiele Geotech Inc

Building Confidence.

Omaha 402.556.2171
Des Moines 515.986.3013

www.thielegeotech.com

Geotechnical
Material
Environmental
Engineering



KIRKHAM MICHAEL

Omaha, NE 402-393-5630
Lincoln, NE 402-477-4240
York, NE 402-362-7117

Est. 1946 | www.kirkham.com

Municipal
Transportation
Water Resources
Environmental
Land Development
GIS
Surveying
Construction Services



InfraStructure, LLC
ENGINEERING CONSULTING GROUP

6910 Pacific Street Suite 310 Ofc: 402.553.0234
Omaha NE 68106-1046 Fax: 402.553.0201

Providing Structural Engineering (and related) Solutions

InfraStructure: IS Bridges IS Buildings IS Precast Detailing
IS Construction/Value Engineering IS Field Inspection/Observation
IS Information/Technology Solutions & Asset Management Support

ASCE Scholarships

By: Dr. Bruce W. Berdanier, PE, LS, Region 7 Governor IA/SD

Having just started my term as Region 7 Governor for IA/SD and just finishing up my four-year term as a member of the Committee on Scholarship (COS), I have made the national scholarship process one of my talking points at the section and conference events that I have been attending. My intent is to try to generate more interest especially with student chapter members and advisors for participating in the national scholarship process.

For the past four years, we have tried to increase the interest level of the students at South Dakota State University in applying for the society level ASCE scholarships. As can be seen in table 1, the number of individual applicants and the number of scholarship applications were both highest in Regions 7 and 8. However, when thinking of the total number of qualified student members within the 10 Regions, the 76 scholarship applications from 45 unique applicants seem like very small numbers.

Region	# Apps	# Applicants
1	9	5
2	6	3
3	11	7
4	7	4
5	0	0
6	2	2
7	17	9
8	15	9
9	9	6
10	0	0
Summation	76	45

Table 1. 2011 ASCE Society Scholarship Applications by Region, # of Apps, and # of Applicants

The amount of money available each year for the main scholarships varies with the size of the scholarship fund as well as the performance of the fund in the investment market. However, some knowledge of past performance would certainly give students the ability to formulate a strategy for pursuing scholarship and fellowship funding in the future. Table 2 shows the scholarships that were awarded this year as well as the number of applicants for each scholarship and the funds that were available.

(Continued on Page 5)

Drake-Williams Steel, Inc.
 STRUCTURAL STEEL
 MISCELLANEOUS STEEL
 CONCRETE REINFORCING
 STEEL SERVICE CENTER

OMAHA – DES MOINES – DENVER
 WWW.DWSTEEL.COM

OMAHA
 5910 S 27th St
 Omaha, NE 68107
 (402)731-7484 or
 800-279-1201
 MDAIL@DAVISERECTION.COM

LINCOLN
 100 P Street
 Lincoln, NE 68508
 (402)438-5059 or
 800-881-2931
 PELLENBERGER@DAVISERECTION.COM

DAVIS ERECTION
 A Division of Topping Out Inc.
 MNACCARATO@TOPPING-OUT.COM

benesch
 engineers • scientists • planners

Lincoln, NE • 402.479.2200 | Omaha, NE • 402.333.5792

improving the surroundings in which you live, work and do business.

Transportation • Aviation • Rail • Bridges • Geotechnical • Environmental • Municipal • Water Resources • Water Treatment • Construction Services • Buildings • Survey • Value Engineering

Omaha, NE [402] 330 2202
 Lincoln, NE [402] 466 3911
 Offices Nationwide terracon.com

Geotechnical • Environmental • Construction Materials • Facilities

NIELSEN-BAUMERT ENGINEERING, INC.
 Structural Engineering Analysis and Design

Michael F. Baumert, P.E., S.E.

9802 Nicholas Street, Suite 105 • Omaha, NE 68114
 Phone: (402) 496-4750 Ext. 11 • Fax: (402) 496-1147
 e-mail: mail@nielsenbaumert.com

(Continued from Page 4: ASCE Scholarships)

Scholarship	\$ Available	# Applicants	# Awards	\$ Individual	Total Awarded
Figg	\$3,000.00	7	1	\$3,000.00	\$3,000.00
Tapman	\$27,000.00	19	9	\$3,000.00	\$27,000.00
Tiney	\$2,000.00	22	2	\$1,000.00	\$2,000.00
Yang	\$6,000.00	15	2	\$3,000.00	\$6,000.00
Freeman	\$30,000.00	2	1	\$4,000.00	\$4,000.00
Tuttle	\$6,000.00	11	3	\$2,000.00	\$6,000.00
Total	\$74,000.00				\$48,000.00

Table 2. ASCE Society Scholarship funds available in 2011 with number of applicants and awards.

Besides the rather shocking fact that ASCE Committee on Scholarship had \$74,000 to give away this year and only had valid applications for \$48,000 of the funds, the number and distribution of the scholarship applications is certainly out of alignment with the available funds. For instance, The Freeman Graduate fellowship had \$30,000 of available funding, and COS hoped to make two awards at the \$15,000 level. However, COS was only able to make one award for \$4,000 based on the applications received. The 19 applications for the \$27,000 available in the Tapman fund seem logical, while the 22 applications for the \$2,000 in the Tiney fund seem out of alignment.

Suggestions for the future include that student chapters and advisors should do a better job of advertising scholarship opportunities as well as encouraging active student chapter members to apply for scholarships. Additionally, we can all do better in the future of helping students realize the relative size of the sources of larger funding instead of directing such a large number of students for the smaller funds. Perhaps the society could provide some guidelines or approximate amount of funding available each year from each fund. Finally, the outreach to graduate students for fellowships needs more guidance from the chapter advisor perhaps through coordination with local graduate faculty to direct students to this great source of funding for research support.

Leaving a Legacy of Enduring
Improvements to our Community
Since 1959



**LAMP RYNEARSON
& ASSOCIATES**
ENGINEERS | SURVEYORS | PLANNERS

Nebraska • Colorado • www.LRA-Inc.com

COMPLETE



- Architecture
- Engineering
- Consulting

- Energy
- Federal
- Water
- Private Land Development
- Resource Management
- Transportation

HDR ONE COMPANY
Many Solutions® www.hdrinc.com



KLEINFELDER
Bright People. Bright Solutions.

Providing Consulting Solutions
3730 S. 149th Street, Suite 107
Omaha, NE 68144
p|402.331.2260 f|402.331.2246

WWW.KLEINFELDER.COM
EMPLOYEE-OWNED WITH GLOBAL COMMITMENT
© Kleinfelder 2008. All rights reserved.

The Nebraska Civil Engineer

c/o Greg Seib

Olsson Associates

1111 Lincoln Mall, Suite 111

Lincoln, Nebraska 68508

Thank you
to the businesses
that support this
newsletter through
their contributions.

*For underwriting information,
contact
Mike Naccarato,
Fundraising
Chair, at
(402)738-6160 or
fundraising@neasce.org*