EASTERN CHAPTER NEWSLETTER



SDES MEMBERS OF THE

NATIONAL SOCIETY OF Professional engineers JANUARY 4, 2013

ISSUE #23

PO BOX 1512 SIOUX FALLS, SD 57101

Engineering Informer

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WebEx: this month's presentation will be broadcast on WebEx so please plan on tuning in on the web if you can't be here in person! See the instructions on how to use WebEx on page 6 of this newsletter.

I M P O R T A N T N E W S

NEXT MEETING:

September 11, 11:30 AM @ Pizza Ranch on 41st Street

PRESIDENT'S COLUMN BY JEFFERY HINES-PE

Happy New Year Eastern Chapter! Snow.....finally! Sounds like the drought is expected to continue, but maybe more snow and some spring rains will come before planting season. I hope all Eastern Chapter members and families enjoyed the Christmas and the New Year Holiday Season.

As for our December Chapter activity, the annual Winter Social held at Cherry Creek Bar & Grill, and was once again another enjoyable evening with good food and good atmosphere for members to get together and spend some time relaxing before the busy winter holiday season. Thanks go out to Gabe Laber for organizing and arranging the annual winter social.

Your SDES Eastern Chapter is off and running on another busy and action-packed year. In January we will return to noon lunch meetings at the Pizza Ranch. This month's presentation will be broadcast on WebEx so please plan on tuning in on the web if you can't be here in person!

Here's the lineup for February:

For the February 12th lunch meeting, we are planning to have the DOT and the City to preview

their respective capital improvement programs.

MATHCOUNTS Chapter competitions will be held in February, with State competitions in March. Contact Shannon Shultz for more information on MATHCOUNTS.

E-week is February 18 through the 23rd, culminating with the Annual Eastern Chapter Awards Banquet, which will be held Saturday night, February 23rd at the Pavilion.

Please plan to come and bring your spouse and support your fellow engineers and celebrate their achievements.

The 2013 Annual Conference planning is going well. Shannon Schulz, Phil Gundvalson and the committee are moving forward with planning and have pretty much tied down the agenda and the speaker lineup. Stay tuned for more info on the Annual Conference as details become available Remember that the dates of the conference is May 1-3, 2013, so be sure to mark this on your calendars.

As always, there is a lot to do and many different ways for members to get involved! Please consider helping with any of the upcoming Chapter activities, especially MATHCOUNTS and E-Week. These two worthy programs each require a number of you engineers generously contributing a small amount of your time and talent, to undoubtedly inspire, encourage and motivate the young people of our communities to consider Engineering and Science related careers.

Please see the calls for volunteers posted in this newsletter and consider volunteering.

I should also mention nominations for 2013 Engineer of the Year, Young Engineer of the Year, and Project of the Year are now open. Please take a few minutes to nominate your fellow engineers and those deserving engineering projects.

Let's all look forward to making 2013 a great year!

G. Jeffery Hines

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TREASURER'S REPORT BY RAY PIERSON, PE

Balance as of 1/3/13		
Previous General Fund Balance (12/3/12)	\$	14,130.31
Expenses:		
WebEx (October) \$ (49.00)		
WebEx (November) \$ (49.00)		
Shannon Schultz (Conference Planning Mtg) \$ (79.34) SDSU Foundation (East. Chap. Scholarship) \$(2,100.00)		
Shannon Schultz (meeting and conf. exp.) \$ (99.48)		
WebEx (December) \$ (49.00)		
Cherry Creek (Winter Social) \$ (380.60)		
JSA (Stamps and supplies for scholarships) \$ (58.23)		
Total	\$	(2,864.65)
Deposits:		
Interest (November) \$ 1.91		
Fall PDH Conf. Proceeds \$ 6,775.35		
Total	\$	6,777.26
Total General Fund	\$	18,042.92
Previous Scholarship Fund Balance (12/3/12)	\$	9,086.64
Expenses:		
\$ -		
Total	\$	-
<u>Deposits:</u>		
Total	\$	-
Total Scholarship Fund	\$	9,086.64
Total Account Balance	\$ 2	27,129.56

IMPORTANT Calendar Items

EASTERN CHAPTER MEETINGS:

- January 8, 11:30 @ Pizza Ranch on 41st Street
- February 12, 11:30 @ Pizza Ranch
 on 41st Street
- March 12, 11:30 @ Pizza Ranch on 41st Street
- April 9, 11:30 @ Pizza Ranch on 41st Street
- May 14, 11:30 @ Pizza Ranch on 41st Street

E-Week

February 18-23, 2013

Eastern Chapter Annual Banquet

February 23, 2013 @ Washington Pavilion

PE & FE Exam Dates

PE	FE	Applications Due	9
	<u>20</u>	13	
Apr 12	Apr 13	Jan 1	
Oct 25	Oct 26	July 1	
	20	14	
Apr 11	Apr 12	Jan 1	
Oct 24	Oct 25	July 1	

To add a calendar item, please contact Josh Peterson at JPeterson@siouxfalls.org

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2012 SDES EASTERN Chapter Award Nominations-brad Ludens, pe

Now that the holidays are over, we can reflect on all that we've accomplished in the past year – both personally and professionally. Please take some time to reflect on your accomplishments and those of your peers and consider nominating someone or a special project for one of our annual awards:

- Engineer of the Year
- Young Engineer of the Year
- Project of the Year



MATHCOUNTS

MATHLETE

The nomination forms for each category will be sent out via email by Myron Adam, or are available from Brad Ludens. Nominations are due to Brad Ludens by February 1, 2013. Contact information for Brad is included below.

The Eastern Chapter can submit <u>up to two</u> nominations in each category. The Awards Committee will determine whether one or two nominations will be submitted in each category. There are many engineers and projects all over the Eastern Chapter that deserve recognition this year for a job well done. Don't be afraid to nominate one or more of them!

If you are interested in serving on the Awards Committee, or if you have any other questions, please contact Brad Ludens at 367-8627 or <u>bludens@siouxfalls.org</u>. The Eastern Chapter awards will be announced at the SDES/ASCE banquet on February 23, 2013. The winners will be forwarded to the State Society for consideration for the state level awards.

MATHCOUNTS VOLUNTEER REQUESTS—PHIL GUNDVALDSON, PE

Volunteers are needed to help out with the MATHCOUNTS competition. The competition will be held at Our Savior's Lutheran Church on Thursday, February 21, 2013. Approximately twelve volunteers are needed from approximately 2:30 to 7:00 to help with the registration table, distributing tests, and scoring. If you are not available for the entire competition, please consider helping out for a portion of it. I encourage those who have never attended a MATHCOUNTS competition to volunteer and witness the mathematical and reasoning skills of the mathletes. Please contact me if you are available to help out or have any questions.

Phil Gundvaldson, PE

ph. 605-271-5527

philg@infrastructuredg.com



2013 SDES EASTERN

proud to again award two \$2000 Engineering Scholarships in 2013. Applications are submitted by high school seniors planning on attending an engineering program at either South Dakota State University or South Dakota School of Mines and Technology. Applicants must be at-



tending a high school in the Eastern Chapter area. The application deadline is February 1, 2013. A scholarship committee made up of Eastern Chapter members chooses the recipients based on academic achievements, extra-curricular activities, leadership and community involvement, and answers to questions on the application. Depending on the number of applicants, additional volunteers may be needed to serve on the scholarship committee and go through the applications. Anyone interested in serving on the committee should contact Chris Jibben.

Also, again this year the Eastern Chapter will sponsor two \$1000 scholarships at South Dakota State University. The selection of the recipient is based on the student being a junior or senior in pursuit of an engineering degree. The students must have a GPA of at least 2.5 and show a financial need. The recipients are selected by the College of Engineering Scholarship Committee at SDSU. The University has an online application process that usually goes from mid December to early February.

All scholarship recipients will be invited to the chapter's annual Engineering Banquet to be held February 23, 2013 and will be presented with a certificate.

E-WEEK VOLUNTEER REQUESTS-ERIN STEEVER, PE

We are still looking for a few more volunteers for E-Week events: 1st Friday at the Washington Pavilion (Feb 1 from 5-9pm), STEM Girls to be held at a Sioux Falls school (Feb 26, 27, 28 from 4-4:45pm), and finally building a model for the 2013 Design Challenge at the Washington

Pavilion. Contact Brett Runge (brunge@hrgreen.com) or Erin Steever (6 0 5 - 9 7 7 - 6 3 4 2 o r (erins@bannerassociates.com) to volunteer or for more information.



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PRIOR EASTERN CHAPTER AWARD WINNERS-BRAD LUDENS, PE

Last year, an attempt was made to recognize all previous chapter award winners at the Eastern Chapter Awards Banquet. Records for the old Southeast Chapter were relatively complete for Engineer of the Year and Young Engineer of the Year awards dating back to 1978. Information for the old Southeast Chapter Project of the Year Award could only be found back to 2003. Previous award winners in all categories for the old Northeast Chapter were even harder to come by.

A listing of previous award winners that we have on record for the Eastern Chapter (including the old Southeast Chapter and Northeast Chapter) are shown below. If you see any errors or omissions, please contact Brad Ludens at 367-8627 or bludens@siouxfalls.org. We would love to have updated information for this year's Awards Banquet on February 23. Thanks for your help!

Award Descriptions

Engineer of the Year This award receptions on Eastern Chapter member who near made outstancing contributions to the engineering profession, the public welfere, and/or humanitind. The ward meminees and judged on iduct ton, contribution of professional and befores, this and humanitation activities, professional and befores, this and humanitation activities. Where, the other an entry professional angineering achievements, professional toperionee, notional ergenzational offices feld, activities of unique quality, and any special advisory assignments.

Young Engineer of the Year

Yourne Engineer of the Year This award receptates a member of the Eastern Chapter who has made outstanding contributions to the engineering profession and their community during the terry years of age or younger on Lenury 1 of the new mating year to be eligible. The search new mesting who have the eligible solution and collegible achievements, professional solutions, this and human test mestion bein who exclusion and competence, and engineering achievement.

Project of the Year

This search school edges the scourt platments of the engineering profession. Each year the Eastern Chapter recognizes engineering additecter et is that have captured the innovative and symmic spritice. The scored nomineers are judged on spritication of engineering principles or gravity and innovation, complexity, scored agrificance, and economic impact.

"All Eastern Orapter award winners are submitted to the state level for consideration for the statewide SDIS awards.

Former Northeast Chapter Awards

Past award animates for the former. Northeast, Chapter of 5D5 were not purpose y loft cut, Despite our post efforts, we have only been able to boate limited information regarding award otheast form the former. Northeast Chapter, The past award animates their we were able to clottermine for the former Northeast Chapter are shown below:

Northeast Chapter are shown below: 2006: Project of the Year - Aberdsen Web Budge and Transmon, mprovement Bunner Access and Transmon, mprovement Bunner Access and Transmon, mprovement Bunner Sander Stransmon, Brockings 1998: Bunner of the Year -Bunne Sander Stransmon, Sander 1998: Young Engineer of the Year -Bed Britanhaus 1996: Young Engineer of the Year -Brod Britanhaus 1998: Engineer of the Year -Sons Carnols 1998: Engineer of the Year -Ball Cogosi I 1998: Engineer of the Year -Ball Cogosi I 1998: Engineer of the Year -Barl Stoppel I 1998: Engineer of the Year -Barly Engured 1991: Young Engineer of the Year -Barly Engured 1991: Young Engineer of the Year -Barly Engured

All of these Northeast chapter sward winners. were also state award winners

If you know any former Northbest Dhepter averal winners that are not shown, please contact Brad Ludens at 367-8627 or bludens@s ouxfalls.org.

000000 Eastern Chapter

South Dakota Engineering Society



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Engineer of the Year

2010	Jeff Christensen Bruce Card
	51000 0810
louths	astern Chapter
2009	Ched Huwe
8008	James Umruh
	Rich Schwarke*
2006	Mark Wederich
2005	Steve Hoff
2004	Jon Heck*
2003	Dennis Wipf
2002	Jeff DesLauriers
2001:	Jon Heck" Dennis Wipf Jeff Destauriens Doug Hoy
2000	Kim Heck
1999	No Award
1398	No Award
1997:	No Award
1996	No Assand
1995	Joe Giller
1394:	Joe Giller Sowe Gaincy Tom Barkland Raiph Undner
1993	Tom Barkland
1992	Ralph Undher
1991:	Duarne Ganzlinger
	Jon Smith
1989	Beth Tellekson
1988	Dele Jans
1902	Len Neugebeuer
1988	Reed Stock well?"
1985	Tade Garischer Tom Noi ohan
1984	Tom Noi chan
1982 -	Wilfred Schroeder
1982	Art DoWitt
1981:	Marvin Heck
1980.	Marile Jansen
	Ray Lorgement
	John Peopley

Young Engineer of the Year

Eastern Chapter 2011: Brett Runge* 2010: Bred Luders* SactBastern Chance 2009 FJ Version 2009 For Version 2009 For Version 2009 For Version 2000 Forein Vers Southeastern Chapter 1988: Raiph Lindher 1997: Ton Kally 1998: Ron Henner 1998: Calc Jun 1998: Calc Jun 1998: Can Elevation 1999: Calc Jun 1999: Market 1990: Calc Jun 1990: Calc * indicates state sward winner

Project of the Year

Eastern Chapter 2011. Big Slouc River Souris Creek Flood Control Project Phase 25: USACP and Stour Fells Central Man. HOR Engineering 2010. #19 Street Biologie Necessarius HOR Engineering. Stour Polls

- Southwartern Chapter 2000 Printips Avenue, 10° St. to 12° St. Sockwell Engineers. Stock Failt 2008 51° Strast, Cult Ave. to Swartern Ave. 408 Engineering, Sour Solt 2007 Cliff Avenue, Chartern St. to General Ro-bert Sectors, Chartern St. to General Ro-

- CHT Avenue, Chart ber St. to Server 16: He Green/Sign A solution. Shour File 2005. 12th Stread I-ball Interchange (2) Revolv Performance 2005. Louise Avenue, 61th St. to 95th St. Ultrig Engineers. Shour Fills 2004. Sixed File New Performance Plant* HER. Engineering, Shour Fills 2003. Louis St. Abencine Nucl. -120 interchange HDR. Engineering, Shour Fills

* indicates state oward winner

"The data available for Project of the Year Award winners prior to 2000

"If you see any errors or omissions in any of the award witness shows, please contact Brid Ludens at 367-862 T or bladenide susfalls arg

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GETTING TO KNOW YOU Member Bio

Banner Associates, Inc. 2307 W 57th St, Suite 102 Sioux Falls, SD

Phone: 605-977-6342 Fax: 605-977-6344

ERIN STEEVER, PE

<u>Degree:</u> SDSU–B.S. in Civil & Environmental Engineering, M.S. in Environmental Engineering A brief history... I was born in south central Minnesota, and raised on a family farm with my three siblings (my twin sister, younger sister, and younger brother). I graduated from Montgomery-Lonsdale High School and went on to South Dakota State University for my bachelors and masters degrees. I was at HDR for six years working primarily on sewer projects for the City of Sioux Falls and the Lewis & Clark Regional Water System (LCRWS), and I will be at Banner Associates for four years coming up in February. At Banner, my specialty is developing Facility Plans for water and wastewater projects, and my most recent projects have ranged from construction observation at the LCRWS's 85th Street Tower, located in Sioux Falls, and industrial and municipal wastewater improvements for the Town of Alpena and Link Snacks, Inc., one of the world's largest beef jerky production facilities.

I also enjoy being an active member in the local AWWA and SDES associations. I am co-editor of the Source to Stream publication, which is published quarterly and mailed to nearly 1,000 water and wastewater professionals in and around South Dakota. I am also active on the AWWA Young Professionals Committee, and Technical and Education Council, helping to organize technical sessions, socials and water meter assembly/pipe tapping competitions at the Annual Conference. My latest ventures in SDES are serving as an Events Coordinator along with Gabe Laber, and helping to plan E-Week.

My husband, Todd, and I are coming up on our 10 year anniversary. He is a middle school teacher for the gifted program (ULE) in the Sioux Falls School District. We have two awesome children who keep us on our toes.



A LITTLE BIT MORE ABOUT OUR MEMBER OF THE MONTH:

Family: Husband - Todd, Daughter - Keira (6), Son - Charlie (3)

Hometown: Kilkenny, MN

Job title and years with firm: Project Engineer, 4 years

Favorite Room in Your House: Kitchen. I love baking and cooking. I'm always trying out new recipes.

Normal Breakfast: Cereal with milk; strong coffee with a healthy portion of creamer

Last CD Purchased: I just got a Miranda Lambert CD in a Christmas gift exchange but I honestly can't remember the last CD I purchased.

Last DVD Purchased: The Smurfs, The Lorax and my current favorite Nomeo & Juliet. They were all Christmas gifts for my family.

Hobbies: Spending time with my family and being outside. I also enjoy running; I like to participate in at least one 5K every year.

What do you collect? Scrapbook paper. I have good intentions of putting my collection to use again some day, but for now I'm content with stockpiling it until I have time to devote to that hobby again.

Best Personality Trait: I'm friendly and easy to talk to.

Favorite beverage: Peppermint Shake from Arby's

Favorite TV Show: Storage Wars and practically anything on the Food Network

Favorite season: Fall

People may not know... I'm on the Urban Agriculture Task Force for the City of Sioux Falls (aka. the chicken people). I actually serve as an opponent on the task force, although I'm not completely against poultry and other non-domestic animals in city limits. I just feel there should be some regulations (ie. no roosters). We were able to gain approval of ordinance revisions to allow community gardens within city limits in early 2012, and now our draft revisions for the allowance of chickens and rabbits are headed to the Land Use Committee and hopefully on to the City Council for revisions/ approval in early 2013.

What do you like best about being an engineer? The variety of projects and people I get to work with.

What are you looking forward to in the next year? I am taking part in Leadership Sioux Falls and will graduate from the program in May 2013.

Favorite place: My family heads up to a rustic log cabin in northern Minnesota every few years. I can think of nothing better than a week of no fuss, relaxation, family, and fishing. The cabin was a vacation destination for my family when I was younger, and it's great to see my kids having fun with their cousins, catching sunfish from the pontoon, and swimming off the end of the dock as I did with my siblings when I was their age.

We are on the web

http://www.sdes.org/

2010-2011 OFFICERS AND CHAIRPERSONS

President	Jeffery Hines, PE	
President Elect	Phil Gundvaldson, PE	
Vice President	Ryan Johnson, PE	
Secretary/Treasurer	Ray Pierson, PE	
Chapter Director(2nd term)	Travis Clark, PE	
Chapter Director(1st term)	Brett Runge, PE	
State Director	Kristen Gundvaldson, PE	
Past President	Pat Schwebach, PE	
Chapter Nominations	Ray Pierson, PE	
Membership	Jason Kjenstad, PE	
Mathcounts	Phil Gundvaldson, PE	
Scholarship	Chris Jibben, PE	
Public Relations	Ryan Johnson, PE	
E-Week	Brett Runge, PE	
Events Coordinators	Erin Steever, PE	
	Gabe Laber, PE	
Awards	Brad Ludens, PE	
Audio/Visual IT	Chad Stensland, PE	
Newsletter	Joshua Peterson, PE	
Membership List	Myron Adam, PE	

SDES MISSION STATEMENT

SDES is the state society of engineers from all disciplines that promotes the ethical and competent practice of engineering, advocates licensure, enhances the image of its members, and advocates legislation and public policy for the betterment of human welfare and the profession. For any and all newsletter articles, additions, edits, corrections, and important dates,

CONTACT:

JOSHUA PETERSON, PE CITY OF SIOUX FALLS, PUBLIC WORKS 224 W NINTH STREET PO BOX 7402 SIOUX FALLS, SD 57117-7402 605-367-8616 jpeterson@siouxfalls.org

Webex Login Instructions

Navigate your internet browser to: https://sdes-eastern.webex.com

Select the meeting date from the calendar in the "Browse Meetings" Window.

Click the "Register" link by the monthly meeting.

Fill in your first name, last name, email address and hit the "Register Now" button at the bottom.

A registration email will be sent with all the information to log into the meeting.



For all State Society membership information and other business, contact:

Gail Boddicker, Executive Director SDES Rapid City, SD 57709 605-394-6674 Gail.Boddicker@sdsmt.edu

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To advertise in this publication, contact Joshua Peterson at: jpeterson@siouxfalls.org

The cost is \$75 for a standard business card-size advertisement.

Thank you to all of you who continue to generously support the Eastern Chapter of SDES.