EASTERN CHAPTER NEWSLETTER



MEMBERS OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

NOVEMBER 10, 2014

ISSUE #37

PO BOX 1512 SIOUX FALLS, SD 57101

The Engineering Informer

INSIDE THIS ISSUE:

TREASURER'S REPORT	2
CALENDAR	2
BUDGET	3
LEGO LEAGUE	4
LEGO LEAGUE	5
LAND SURVEY-	6
SAVE THE DATES	7
MEMBER BIO	8
WEBEX LOGIN	9
MISC.	9
ADVERTISMENTS	1.0

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.

IMPORTANT NEWS

THE NOVEMBER EASTERN CHAP-TER MEETING HAS BEEN MOVED TO WEDNESDAY, NOVEMBER 12TH DUE TO VETERANS DAY.

NEXT MEETING:

November 12, 11:30 AM @ Pizza Ranch on 41st Street

 Paul Wiegand will be discussing SUDAS.

NEW MEMBERS:

- Dawn Horner
- William Robinson

PRESIDENT'S COLUMN BY RYAN JOHNSON-PE

Greetings Eastern Chapter Members!

I hope all of you have been able to enjoy the great fall weather we've been experiencing. Other than raking leafs, I have! Our next monthly meeting will be held November 12th from 12:00 to 1:00 at the 41st Street Pizza Ranch. Come early for pizza and the opportunity to socialize with your peers.

The speaker at our next monthly meeting will be Paul Wiegand, the lowa Statewide Urban Design and Specifications (SUDAS) director. SUDAS was developed when 16 lowa jurisdictions came together to develop a common standard for underground utilities, streets, sidewalks, drainage and erosion control. The standard has been a great success and is now being used in almost every community in lowa. To learn more about SUDAS, check out their website at: www.iasudas.org.

Thanks to Dr. Kyungan (Karen) Min who presented on the activities completed by SDSU's Engineer's Without Borders at our last chapter meeting. Not only was I impressed by what they do, I was impressed with the number of students from a variety of engineering disciplines who participate in this organization. This group is certainly worth supporting and

I'm sure will produce many future SDES members and leaders.

The Winter Social is scheduled for December 11th from 4:30 to whenever at the Cherry Creek Bar and Grill on east 26th Street. Appetizers will be provided. This has been a well-attended event in the past and I hope many of you are able to attend this year as well.

Please help me in welcoming new member Dawn Horner from HR Green and returning member William Robinson. As always, keep recruiting! New members are our future!

I also want to mention that the Eastern Chapter meetings can be watch via WebEx. This service provides an opportunity for the chapter members located outside of Sioux Falls to participate in chapter activities. Instructions on how to participate via WebEx are found, every month, in the newsletter.

Lastly, THANK YOU to all of the board members, committee chairs, and volunteers that give your time and talent. This chapter wouldn't be the same without you!

Sincerely,

Ryan Johnson

TREASURER'S REPORT

BY LANCE WEATHERLY, PE

Balance as of 11/7/2014			
Previous General Fund Balance 10/9/2014			\$ 23,810.65
Expenses: WebEx (October) Board Planning	\$ \$	(51.94) (73.77)	
Total			\$ (125.71)
<u>Deposits:</u> Interest (October) Informer Ads	\$ \$	2.65 450.00	
Total			\$ 452.65
Total General Fund			\$ 24,137.59
Previous Scholarship Fund Balance 10/9/2014			\$ 7,476.37
Expenses:			
Total			\$ -
<u>Deposits:</u> Golf Outing Deposit #4	\$	225.00	
Total			\$ 225.00
Total Scholarship Fund			\$ 7,701.37
Total Account Balance			\$ 31,838.96



IMPORTANT CALENDAR ITEMS

EASTERN CHAPTER MEETINGS:

- November 12, 11:30 @ Pizza Ranch on 41st Street
- December 9, 11:30 @ Pizza Ranch on 41st Street
- January 13, 11:30 @ Pizza Ranch on 41st Street
- February 10, 11:30 @ Pizza Ranch on 41st Street
- March 10, 11:30 @ Pizza Ranch on 41st Street
- April 14, 11:30 @ Pizza Ranch on 41st Street

Eastern Chapter Winter Social

December 11, 2015, 4:30 PM Cherry Creek Bar & Grill

E-Week

February 22-28, 2015

Eastern Chapter Awards Banquet

February 28, 2015 Holiday Inn City Centre

2015 Annual Conference

April 8, 2015 Ramkota Hotel, Pierre

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

TREASURER'S BUDGET-LANCE WEATHERLY, PE

Dear Chapter Members,

I have wanted to provide a brief article regarding the chapter budget to provide members information on how the Chapter's monies are spent. I wanted to thank Ray Pierson, the previous treasurer for creating the structure of the budget document which has been a breeze to use. Each month the treasurer reports a general fund and scholarship fund balance although both are deposited in the one checking account maintained by the chapter. The Chapter's fiscal year runs from July 1st to June 31st for reporting purposes. The majority of the chapter's general fund revenue comes from conference revenue, dues, and Informer ads. The general fund supports the chapter donations, SDSU foundation scholarship, annual banquet, winter social, WebEx and a number of other worthy items. Why is the SDSU foundation scholarship paid for out of the general fund when there is a scholarship fund you may ask....I did? The SDSU foundation scholarship was originally supported by the NE Chapter and upon merging with the SE chapter into the newly formed Eastern Chapter absorbed the NE chapter's account balance (if you want more details ask TJ Yerdon & Jason Kjenstad ©). The scholarship fund is supported solely on the golf outing which has been supporting 2 - \$2000 scholarships free and clear for a number of years, Gabe Laber has been doing a great job organizing this event. This year the Chapter awarded 3 - \$2000 scholarships from the scholarship fund to deserving students who are attending SDSU or SDSM&T. I would like to thank the Chapter members for their support of \$8100 in scholarships that will be awarded this year.

Below is the budget prepared for FY14-15 (July 1, 2014 – June 31 2015). The major revenue and expenses are itemized with a brief description. For simplicity most items are budgeted at the same amount from the previous year unless there is specific change. Considerations for putting the budget together include annual conference rotation, fund balances, and input from Board and Chapter members. The chapter is doing well financially thanks to the membership support and volunteerism. Please feel free to ask me about any items on the budget for additional information. It has been a privilege serving as your Chapter Treasurer.

		SDF	S F	astern	Ch	anter	Ge	neral F	ur	d Rud	get
		JUL	<i>-</i>					2015 (FY			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
General Fund Revenue:											
	F	Y13-14	Bu	dgeted	C	urrent	R	emain	Va	ariance	
Conference Revenue	\$	8,116	\$	6,775	\$	7,494	\$	-	\$	719	Registration, Vendors, Sponsorships
Dues Revenue	\$	2,034	\$	2,034	\$	1,962	\$	-	\$	(72)	Membership Dues from SDES
Banquet Revenue	\$	1,100	\$	1,500	\$	-	\$	1,500	\$	-	Banquet ticket sales
Advertising Revenue	\$	906	\$	906	\$	450	\$	456	\$	-	Informer Advertising
Interest Revenue	\$	30	\$	30	\$	11	\$	19	\$	-	Checking Account Interest
Total =	\$	12,186	\$	11,245					\$	11,892	= Projected Income
General Fund Expenses:											
Concrete to and Expenses.	F	Y13-14	Bu	dgeted	C	urrent	R	emain	Va	ariance	
Banquet Expense	\$	2,123	\$	2,123		\$636		\$3,078	\$	1,590	Room charge, food, entertainment, planning
Winter Social	\$	605	\$	605	\$	-		\$605	\$	-	Winter Social - Room Charge
WebEx Expenses	\$	655	\$	655		\$260		\$395	\$	-	Monthly charge for connecting with members
Conference Expense	\$	586	\$	-	\$	-	\$	-	\$	-	Conference planning, door prizes
Eng. Exam lunches	\$	529	\$	529	\$	-		\$529	\$	-	Fall/Spring exam lunches
Misc. Expense	\$	512	\$	512	\$	-		\$512	\$	-	Habitat for Humanity, social events, postage
Awards Expense	\$	235	\$	235	\$	-		\$235	\$	-	Banquet Award plaques
Board Planning	\$	253	\$	253		\$194		\$300	\$	241	meetings to discuss chapter planning
Speaker Lunch	\$	82		82		\$10		\$72		-	Lunch for monthly meeting speaker
Post Office	\$	88	\$	88		\$92	\$		\$	4	P.O. Box
Donations	\$	3,000	\$	3,000		\$0		\$4,000	\$	1.000	Donations to various entities
SDSU Scholarship	\$	2,100	\$	2,100		\$0		\$2,100		-	Scholarship from General Fund
Total =	Ś	10,768	Ś	10,182	_				Ś	13.018	= Projected Exp.
	Ė	,	Ė						Ė	·	
											= Annual Projected Income - Annual Projected Exp.
									\$	16,172	General Fund Balance As of 5/5/14
									\$	15,046	Projected General Fund Balance
		SDES E	-20	tern C	hai	nter Sc	·hα	larship	Fı	ınd Ru	ldget
Scholarship Fund Revenue:		<u> </u>				pte. ot		ш.эр			
P 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	F	Y13-14	Bu	dgeted	C	urrent	R	emain	Va	ariance	
Golf Revenue	\$	7,739	\$	7,739	\$	7,575	\$	375	\$	211	Golf Registration, Sponsorships
		Total =	\$	7,739	\$	7,575			\$	7,950	= Projected Income
Scholarship Fund Expenses:											
	F	Y13-14	Bu	dgeted	C	urrent	R	emain	Va	ariance	
Golf Expense	\$	3,226	\$	3,226	\$	3,405	\$	- 1	\$		Green & cart fees, food, door prizes
Scholarship Expense	\$	68	\$	68	\$	-	Ś	68	\$	-	envelopes, postage
Scholarship Award	\$	4,000	\$	6,000		6,000		-	\$	-	student scholarship monetary award
Total =	\$	7,294	\$	9,294					\$	(9,473)	= Projected Exp.
									_	(4 535)	Annual Projected Income. Annual Project of Fire
									\$		= Annual Projected Income - Annual Projected Exp.
	-										
									\$	-, -	Scholarship Fund Balance As of 5/5/14
									\$	-, -	Scholarship Fund Balance As of 5/5/14 Projected Scholarship Fund Balance

LEGO LEAGUE VOLUNTEERS NEEDED

FIRST Tech Challenge Team 7123 Fellowship of the Loose Screws





We need you!

Our high school FIRST Tech Challenge robotics team is hosting a qualifier for First Lego League in Sioux Falls, Saturday, December 13 from 8am to 4pm. This event will include 24 teams competing to see who will move on to the South Dakota State Championship at the end of January. We need judges working as part of a team to observe and evaluate 12 LEGO League teams in one of the following areas:

Core Values - During this session, teamwork skills are observed during an activity the kids will complete. There is also a chance to ask students questions about their team and how they function as a group.

Project - The teams' research project and their innovative solution is presented in this portion of the judging, followed by questions from the judges.

Robot Design - Students get an opportunity to demonstrate missions that their robot can accomplish and talk about key features of their robot design and programming.

Judges training is provided to help you give feedback to the teams so that they can improve, while celebrating what they have already learned this season.

This is a chance for you to promote and encourage STEM learning for elementary and middle school students and be inspired by the enthusiasm of kids engaged in FIRST Lego League in South Dakota.

Thanks for your consideration!
We look forward to working with you,

Co-coaches, Laura Mullen and Michelle Lauer and the whole FTC Team 7123, Fellowship of the Loose Screws Imullen814@gmail.com 605-940-1862

Yes, I would love to be a judge!										
Name	Phone									
Email:										
Area Lam interested in judging: Core Values	Project	Pohot Design								

LEGO LEAGUE DONATION REQUEST

September 14, 2014 Erin Steever Banner Associates, Inc. 2307 W. 57th Street Sioux Falls, SD 57108

Dear Erin,

Thank you so much for assisting us with our rookie year in the FIRST Tech Challenge program. Last year we made it through three of the four levels of competition, and a major part of this was due to your generous sponsorship. We are competing again this year, and are in need of financial assistance. Your continued patronage would be a tremendous help to our team. This money would go to robot parts, traveling costs, and registration. We will be contacting you shortly to discuss this year's sponsorship.

Thank you for your consideration, and we hope to continue to be partners with you,

Sincerely,

Leo Mullen FTC team 7123 The Fellowship of the Loose Screws



PREPARATION OF EASEMENTS AND PROPERTY EXHIBITS—LEN NEUGEBAUER, PE/LS, MEMBER, SD BOARD OF TECHNICAL PROFESSIONS

During 2011, the SD Board of Technical Professions received a complaint regarding an "Encroachment Easement Exhibit" as well as a "Property Exhibit", both of which were prepared, signed and sealed by a licensed Professional Engineer. This complaint was investigated by the Board and resulted in a consent agreement between the Board and the licensee. This consent agreement stipulates that such activity by the licensee is included within the practice of land surveying as stipulated in SDCL 36-18A-4(1), because it "locates, relocates, establishes, reestablishes, lays out, or retraces any property line or boundary of any tract of land or any road, right-of-way, easement, alignment, or elevation of any of the fixed works embraced within the practice of land surveying." The consent agreement which included a civil penalty constituted settlement of this disciplinary action involving this violation of land surveying cross-practice by a licensed professional engineer.

In March 2014, the Board received a question from another licensed Professional Engineer with respect to the preparation, signing and sealing of easement exhibits. The Board answered this licensee's question in reference to the results of this previous investigation of the 2011 complaint described above. The Board also decided to update the "Frequently Asked Questions" on its website with respect to this question. The question and answer which are currently posted on the Board's website are duplicated below.

Question: Does an easement exhibit that will be filed at the county (attached to an easement document) have to be prepared by and sealed by a licensed land surveyor? Would it make any difference if the easement was for a private party or if it were for a public entity/municipality?

Answer: Since easement exhibits normally make reference to property boundaries as well as the boundaries of the easement itself, the preparation of easement exhibits is considered to be included within the practice of land surveying as defined by law. Therefore, it is recommended that a licensed land surveyor be in responsible charge of the preparation of such easement exhibits and that they be signed and sealed by that licensed land surveyor. This would be the case whether the easement is for a private party or a public entity, or if the land is either privately or publicly owned.

Should anyone have comments or further questions regarding preparation of such exhibits, such can be directed to the Board by email at sdbtp@state.sd.us or by writing the Board at its new address at 2525 West Main, Suite 211, Rapid City, SD 57702.

SAVE THE DATES!

SDES WINTER SOCIAL

Thursday, December 11th

Starts at 4:30 P.M. Free Appetizers served at 5:00 P.M. Cash Bar

Cherry Creek Bar and Grill Banquet Room Downstairs



Come join us for appetizers, beverages, and a great time to catch up with your colleagues in this annual informal setting.

SAVE THE DATE

SDES Eastern Chapter Awards Banquet



Saturday, February 28th Holiday Inn City Centre

GETTING TO KNOW YOU

Member Bio

HR Green
431 N Phillips Avenue, Suite 400
Sioux Falls, SD
Phone: 605-221-2654
Fax: 605-338-6124

DAWN HORNER, PE

Degree:

SDSU—B.S. in Civil Engineering, M.S. in Environmental Engineering A brief history... I was born and raised in the great state of South Dakota in Sisseton. I attended college at SDSU where I played basketball and tried to keep up with my school work. I started my engineering career in HR Green's Des Moines, Iowa office in January 1998. I transferred to HR Green's St. Paul office in late 2003, and to Sioux Falls in late 2007, which also followed my

husband Derek's career with FedEx Ground. I currently serve as the President for the SD Wastewater Group. I was also honored to become the first female Principal for HR Green in 100 years of business. I also serve as Operations Director for the Water/Wastewater business unit, mentoring staff and helping HR Green to achieve outstanding quality of project delivery.



A LITTLE BIT MORE ABOUT OUR MEMBER OF THE MONTH:

Family: Husband: Derek; Children: Trey (11), Tyler (9) & Abby (7)

Hometown: Sisseton, SD

Job title and years with firm: Principal/Operations Director for Water/Wastewater Business Unit, 16 years.

Favorite Room in Your House: I live in our kitchen since our family loves to eat and bake. The kitchen is open to the front of the house with kids running in and out, and to the living room where there is typically some sort of sports on.

Normal Breakfast: Diet Coke is my typical breakfast, gets me going, just like coffee.

Last CD Purchased: Katy Perry and Nickelback, both who I have seen in concert at the Fargodome. I am very excited that Nickelback is now coming to Sioux Falls in March.

Last DVD Purchased: Frozen, the kids run the movie selection in our house.

Hobbies: Golfing with great friends in scramble tournaments, going to the lake all summer, and SDSU Athletics (football and basketball season ticket holder)

Best Personality Trait: Coming back to South Dakota to work with friends I knew in college and clients I worked for during internships has made me much more outgoing than I ever used to be. I love meeting new people and getting to know

them better.

Pets: The kids' fish

Favorite beverage: Diet coke in the morning and most afternoons and Bud Light after hours

Favorite TV Show: Who has time for TV with work and the kids football, basketball, or baseball games?

Favorite Season: I love the summer and spending time at our family lake cabin on Clear Lake in northeast SD.

People may not know... I am currently coaching my first grade daughter's baskeball team.

What do you like best about being an engineer? Meeting and working with great people on multiple water and wastewater projects.

Describe an achievement from the past year you are proud of. Becoming the first female principal at HR Green in 100 years of operation.

Where is your favorite place and why? I recently visited New Orleans for the national Wastewater conference and had more fun than I ever thought I would. I also had a conference in Amelia Island, FL a few years ago and it was a beautiful place to be and I can't wait to go back.

We are on the web

http://www.sdes.org/

2014-2015 OFFICERS AND CHAIRPERSONS

Officers

President Ryan Johnson, PE
President Elect Ray Pierson, PE
Vice President Kurt Peppel, PE

Secretary/Treasurer Lance Weatherly, PE

Chapter Director(2nd term) Travis Clark, PE

Chapter Director(1st term) Joshua VandenBos, EIT

State Director Kristen Gundvaldson, PE

Past President Phil Gundvaldson, PE

Committees

Nominating Committee Paul Korn, PE

Mathcounts Phil Gundvaldson, PE

Scholarship Lance Mayer, PE

Events Coordinators

eWeek Erin Steever, PE
STEMS Girls Erin Steever, PE

Free First Fridays Erin Steever, PE

Winter Social Gabe Laber, PE
Golf Outing 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

- 1. Navigate your internet browser to:
- 2. https://sdes-eastern.webex.com
- Select the meeting date from the calendar in the "Browse Meetings" Window.
- 4. Click the "Register" link by the monthly meeting.
- 5. Fill in your first name, last name, email address and hit the "Register Now" button at the bottom.
- 6. A regisemail with all mation the



tration
will be sent
the inforto log into
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

PDH Documentation

Sign-in sheets for Eastern Chapter meetings are posted on the SDES website for members to use for PDH documentation. Go to www.sdes.org to



MINNEHAHA COUNTY

Minnehaha County Highway Department

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Engineers Supporting SDES Eastern Chapter: Shannon Ausen, Andy Berg, Tom Berkland, Mark Cotter, Jeff DesLauriers, Jeff Dunn, Kerry Ellis, Rod Harms, Heath Hoftiezer, Chad Huwe, Ryan Johnson, Dena Knutson, Brett Lovro, Brad Ludens, Jacob Maras, Troy Miller, John Osman, Kurt Peppel, Mark Perry, Josh Peterson, Wes Philips, Nick Ritter, Tim Stefanich, Curt Struck, Josh VandenBos, Shannon VerHey, Robbie Veurink, Lance Weatherly



To advertise in this publication, contact Joshua Peterson at: jpeterson@siouxfalls.org or 367-8616.

The cost is \$75 for a standard business cardsize advertisement.

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