



The 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.

IMPORTANT NEWS

NEXT MEETING:

October 14, 11:30 AM @ Pizza Ranch on 41st Street

- Kyungan Min and Megan Danielson will be discussing Engineers without Borders

NEW MEMBERS:

- Christopher Peterson
- Brennen Ahlers, MD
- Mehadi Hassan
- Rachel Swain
- Brad Micheel, MD
- Ebrahim Chowdhury
- Thomas Spisak
- Ken Allender
- Jared Larson
- Jedidiah Reimnitz

PRESIDENT'S COLUMN

BY RYAN JOHNSON-PE

Dear Chapter Members,

The close to another construction season is near and the start of the 'SDES season' is upon us. Monthly meetings will resume on October 14th from 11:30 to 1:00 at the 41st Street Pizza Ranch. Come early for pizza and the opportunity to socialize with your peers. The monthly meetings will continue through next May. Generally the meetings will be held on the second Tuesday of the month from 11:30 to 1:00 at the 41st Street Pizza Ranch. Check the newsletter to confirm the time and location.

The speaker at our next meeting will be Kyungan (Karen) Min and Meghan Danielson. They will be presenting on their recent experiences with Engineers without Borders. Engineers without Borders is an organization our chapter has supported in the past. Participants use their engineering knowledge, often in third world countries, to provide basic needs such as clean drinking water and waste water disposal systems to people in need. They truly work to "serve humanity".

The Board has worked hard to find great speaker topics at our monthly meetings that appeal to a broad base. Hopefully

there's something for everyone. The board is always looking for outstanding speakers/presenters. If you have suggestions please forward them to me. Be sure to sign in to receive PHD credits. A copy of the sign in sheet will be posted on the SDES website to receive your credits.

Please help me in welcoming the following new members - Christopher Peterson, Brennen Ahlers, Md. Mehadi Hassan, Rachel Swain, Brad Micheel, Md. Ebrahim Chowdhury, Thomas Spisak, Ken Allender, Jared Larson, and Jedidiah Reimnitz. Ten new members total! All have joined the South Dakota Engineering Society since May. Keep recruiting! I'm confident these new members will continue to add value to our organization.

I want to end by saying THANK YOU to all of the board members, committee chairs, and volunteers that have given your time and talents over the past year. This chapter wouldn't be the same without you!

Ryan Johnson

TREASURER'S REPORT

BY LANCE WEATHERLY, PE



Balance as of	10/9/2014		
Previous General Fund Balance	5/5/2014	\$	16,172.18
Expenses:			
WebEx (April)	\$ (51.94)		
Eng Exam lunches	\$ (273.17)		
Board Planning	\$ (76.23)		
WebEx (May)	\$ (51.94)		
Habitat for Humanity	\$ (226.54)		
Habitat for Humanity	\$ (56.23)		
Board Planning	\$ (27.50)		
WebEx (June)	\$ (51.94)		
WebEx (July)	\$ (51.94)		
speaker lunch - March	\$ (10.25)		
US Postal Service (PO Box)	\$ (92.00)		
WebEx (August)	\$ (51.94)		
Banquet Entertainment Deposit (2015)	\$ (636.00)		
Board Planning	\$ (120.28)		
WebEx (September)	\$ (51.94)		
Total		\$	(1,829.84)
Deposits:			
Interest (May)	\$ 2.10		
Interest (June)	\$ 2.13		
Conference Revenue	\$ 7,494.14		
Dues Revenue	\$ 1,961.50		
Interest (July)	\$ 2.58		
Interest (August)	\$ 3.04		
Interest (September)	\$ 2.82		
Total		\$	9,468.31
Total General Fund		\$	23,810.65
Previous Scholarship Fund Balance	5/5/2014	\$	9,731.34
Expenses:			
Golf Outing	\$ (100.00)		
Golf Outing	\$ (100.00)		
Golf Outing (Petty Cash)	\$ (200.00)		
Golf Outing (Gift Card)	\$ (100.00)		
Golf Outing (Raffle Tickets)	\$ (8.47)		
Golf Outing	\$ (200.00)		
SDSM&T (Jacob Reeves scholarship)	\$ (2,000.00)		
Golf Outing (Golf/Cart)	\$ (1,859.00)		
Golf Outing (Food)	\$ (1,037.50)		
SDSM&T (Thomas Punt scholarship)	\$ (2,000.00)		
SDSU (Cody Reed scholarship)	\$ (2,000.00)		
Total		\$	(9,604.97)
Deposits:			
Golf Outing Deposit #1	\$ 6,525.00		
Golf Outing Deposit #2	\$ 230.00		
Golf Outing Deposit #3	\$ 595.00		
Total		\$	7,350.00
Total Scholarship Fund		\$	7,476.37
Total Account Balance		\$	31,287.02

IMPORTANT CALENDAR ITEMS

EASTERN CHAPTER MEETINGS:

- October 14, 11:30 @ Pizza Ranch on 41st Street
- November 11, 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

E-Week

February 22–28, 2015

2015 Annual Conference

April 8, 2015

Ramkota Hotel, Pierre

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

GOLF OUTING A SUCCESS—GABRIEL LABER, PE

The annual Eastern Chapter Golf Outing was held at the Brandon Municipal Golf Course on August 7th. This year produced another strong turnout with 45 golfers participating. We tied the previous records from last year with 44 hole sponsors and over \$4,000 raised for the scholarship program. I would like to thank all of the sponsors because the success of the golf outing is due to your continued support. I would also like to thank the volunteers who help put this event on. This event continues to be our Chapter's largest fundraiser for a great cause and would not be possible without the participation of many of our members. This year's committee who deserves special thanks was Scott Hofer, Andy Berg, Paul Sanow, Ray Pierson and Trent Bruce. The following are the results of the 2-person scramble. Congratulations to all the winners and I hope to see you next year! – Gabe Laber, SDES Eastern Chapter Event Co-Coordinator

2 Person Scramble

1 st Flight – 1 st Place:	Jason Anderson & Scott Mohror
1 st Flight – 2 nd Place:	Paul Korn & Ray Pierson
2 nd Flight – 1 st Place:	Lee Kaffar & Matthew Huettl
2 nd Flight – 2 nd Place:	Brad Ludens & Jason Reeves

PIN PRIZES:

- #1: Longest Putt – Kari Drake
- #4: Closest to the pin – Dennis Clark
- #7: Longest in the fairway – Scott Mohror
- #10: Longest Putt – Jeff DesLauriers
- #12: Closest to the pin in two – Don Hammond
- #13: Closest to the pin – Brett Lovro
- #15: Longest in the fairway – Paul Sanow
- #18: Longest putt – Matt Huettl

SCHOLARSHIP THANK YOU LETTERS

Dear Eastern Chapter of SD Engineering Society,

I am truly grateful to be the recipient of the Jerome J. Lohr College of Engineering Open Scholarship. Myself being from Yankton, SD, I think it's awesome to see my home state supporting local students. My major is currently Civil Engineering and I am becoming more drawn to it every year. In fact just this past summer I worked for a Civil Engineer and explored the structural engineering field. I actually enjoyed the work and got a better grasp on the field. I've also attended multiple ASCE (American Society Civil Engineering) meetings as well and intend on becoming more involved this year.

In the years to come I plan on staying here at South Dakota State to eventually receive my bachelor's degree. Before then I hope to engage myself in any activities that will help build a strong foundation for my career. After school I plan on finding a job preferably in the Midwest and finally begin my journey as a Civil Engineer.

I would like to again thank you for this wonderful award to show my appreciation.

Sincerely,

James Hisek

Dear South Dakota Engineering Society Eastern Chapter,

I'd like to thank you for awarding me this scholarship. I am currently a senior Operations Management and German double major at SDSU with a Business minor. I'm also a Community Assistant in Young Hall this year and am also in the Honors College. I hope to graduate in 3 semesters with Honors Distinction and my two majors and work as a manager at a corporation in the Twin Cities, where I grew up, applying my knowledge in Supply Chain and Operations Management.

This scholarship means a lot to me because I'm financing the vast majority of my college education by myself. The funds you have awarded me go such a long way in continuing my education. I appreciate your support and I hope you can continue spreading success in your future endeavors.

Sincerely,

Jack (John) Miller

SDSU Student

GETTING TO KNOW YOU Member Bio

HR Green
431 N Phillips Avenue, Suite 400
Sioux Falls, SD
Phone: 605-334-4499
Fax: 605-338-6124

JON WIEGAND, PE, PTOE

Degree:
SDSU—B.S. in Civil Engineering
Iowa State—M.S. in Civil Engineering
(Transportation)

A brief history... I was born and grew up in Grand Island, Nebraska, and have one younger brother. Most of my childhood was spent playing several sports, evolving into more year-round focus of tennis, basketball and golf in high school. After graduating from Grand Island Senior High in 2000, I went on to graduate with a B.S. in Civil Engineering from SDSU in 2005 and a M.S. in Civil Engineering (Transportation) from Iowa State University in 2007. My summers during undergrad were spent working with the Nebraska Department of Roads. At ISU, my research focused on work zone safety and mobility, culminating with my original research being selected for presentation at the annual TRB meeting in Washington DC.

After college, I worked for 3.5 years with FHWA as a Traffic Operations and Highway Engineer in Lincoln, NE. A fun benefit of this position was the opportunity to frequently travel throughout the country, working closely with the FHWA Resource Center and Headquarters. One of the highlights was being a part of the FHWA Traffic Analysis Tools Team, developing and implementing Federal guidance and training courses regarding traffic analysis in Federal-Aid studies. After FHWA, I worked for the City of Omaha over the next 2.5 years as a project manager and design engineer on the transportation design team.

Following the birth of our second daughter, we decided it was a good time to move closer to my wife's family in South Dakota and I joined HR Green as a Traffic Engineer. This allowed me to get back to what I enjoyed most about civil engineering, traffic analysis and studies, particularly Interchange Justification Reports. Overall, having the opportunities to work in three different facets of government, and now consulting, has given me a greater appreciation of the challenges and constraints each entity is facing in the development and delivery of transportation projects.

My wife, Michelle, and I have been married for 5 years. She is a social worker, primarily working in the adoption field. Most of our free time lately involves our children and house projects, with weekends often on the road for family events, golfing, or Husker football. We have enjoyed living in Sioux Falls, particularly the much shorter commute and less traffic, and getting reacquainted with old friends. Now if only a Runza would open here...



A LITTLE BIT MORE ABOUT OUR MEMBER OF THE MONTH:

Family: Wife Michelle; Daughters Braelynn (3) and Amelia (2)

Hometown: Grand Island, NE

Job title and years with firm: Traffic Engineer, 1.5 years.

Favorite Room in Your House: Living room, which is where our family typically spends most of the time when inside. Plus it has the nice TV.

Normal Breakfast: Yogurt, cereal, and coffee...with emphasis on the coffee

Last CD Purchased: A Weezer CD 6 years ago before a week-long work trip throughout western Nebraska

Last DVD Purchased: Frozen, which has changed our lives forever!

Hobbies: golfing, horse racing, most things Husker athletics, and apparently landscaping since I tend to do everything myself

What do you collect? Nothing really, lately it has been receipts from Menards and Home Depot

Pets: 1 dog, a maltese-yorkie on anxiety medication

Pet Peeves: Slow vehicles in the left lane and drivers paying more attention to their cell phone than driving

Favorite beverage: Boulevard Wheat

Favorite season: Fall

People may not know... I am an avid 'fan' of horse racing, both playing the horses and an interest in the industry and its unique situation. Growing up in Grand Island, there was the opportunity to be immersed in horse racing as it is a big part of the community and central Nebraska every spring. Since becoming intrigued with the races at a young age, I have been able to visit over 35 different tracks across North America.

What made you want to be an engineer? I have always been fascinated by operations and big public works type projects. When others were building

sand castles as children, I was building highways with complex system interchanges in the sand. When in doors, I would build expansive airports, highways, and stadiums out of Legos. In both instances, with an early focus on operations, those facilities always reached capacity and had to be expanded.

What do you like best about being an engineer? Being able to see a tangible benefit to people's lives from the continuous improvements to transportation safety, operations, and efficiency.

Describe a significant event in your career. I think each step in my career, from graduation at SDSU and ISU, obtaining my P.E. license and PTOE certification, to the day-to-day accomplishments at each of the opportunities throughout my career, has been important contribution to where I am at today.

Describe a significant event in your personal life. The birth of both of our daughters. They have completely changed my life and priorities.

Describe an achievement from the past year you are proud of. Our family successfully living with my wife's gracious relatives for 9 months after moving to Sioux Falls

What are you looking forward to in the next year? Actually being settled in Sioux Falls and spending time with my family

I hate it when... the reduced fat or low sodium version of something is 20% more expensive than the original

Where is your favorite place and why? I have always enjoyed visiting the Pacific Northwest between Seattle and Vancouver, Canada. My first visit to the area occurred with FHWA, where I worked for four months on a construction inspection assignment north of Seattle in Mt. Baker National Forest. Since then, I have always looked for opportunities to head back to the area. Plus, the golf courses north of Seattle are ridiculously cheap and typically in great condition.

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

For any and all newsletter articles, additions, edits, corrections, and important dates,

CONTACT:

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CITY OF SIOUX FALLS, PUBLIC WORKS
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PO BOX 7402
SIOUX FALLS, SD 57117-7402
605-367-8616
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Webex Login Instructions

1. Navigate your internet browser to:
2. <https://sdes-eastern.webex.com>
3. 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 registration email with all the information the



tration will be sent the information to 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

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.

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

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

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.