



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:

February 9, 11:30 AM @ Pizza Ranch on 41st Street - Shannon Ausen with the City of Sioux Falls will discuss 2016 City and DOT projects

NEW MEMBERS:

- Chelsea Hunt, Bartlett & west
- Aaron Miller, DGR

PRESIDENT'S COLUMN BY RAY PIERSON—PE

As we approach spring we not only begin to see activity increasing in the Engineering and Construction world, there are also additional activities for our chapter and its members. Remember that the week of February 21-27 has been designated for National Engineers Week. I encourage you to take part in any way that you can, even if it is just a small notice about engineering to a school or any other group.

At the end of Engineers Week we are having our awards banquet at the Hilton Garden downtown. This is a great time to get with fellow engineers and spouses to socialize and recognize projects and individuals in our industry that have been nominated for their exceptional work. Top notch entertainment will be provided to make it an outstanding night. Make plans to attend this event on February 27, 2016. Invites have been sent out so please respond as soon as possible.

Notices will be sent out soon for the upcoming Annual Conference to be held at the Holiday Inn City Centre in Sioux Falls. The committee has meet a couple times to gather topics for speakers and it sounds like there

will be another great line up of presentations. This event is April 6-8. There is still time to submit your ideas for presentations that you think would be of interest to the attendees. Contact Chad Huwe or myself.

Welcome to our newest members of the South Dakota Engineering Society Eastern Chapter, Chelsea Hunt with Bartlett West and Aaron Miller with DGR. We appreciate the encouragement that their employer has given to have their engineers join SDES and NSPE.

At our next membership meeting on February 9, 2016 we will have a presentation from Shannon Ausen, with the City of Sioux Falls, regarding the 2016 infrastructure improvement projects for Sioux Falls and the local SD DOT projects. The March meeting is tentatively scheduled to be a plant tour at Hancock Concrete. In April we will not have a meeting due to the Annual Conference and we will have one final meeting on May 10, 2016 before taking time off for the summer.

SDES Eastern Chapter President,
Ray Pierson

**TREASURER'S REPORT
BY LANCE WEATHERLY, PE**

	Balance as of	2/7/2016	
Previous General Fund Balance	1/7/2016		\$ 22,995.51
Expenses:			
speaker lunch	\$	(10.69)	
stamps	\$	(49.00)	
SDSU Foundation (East. Chap. Scholarship)	\$	(2,100.00)	
EWB SDSU donation	\$	(1,000.00)	
WebEx (January)	\$	(51.94)	
Total	\$		<u>(3,211.63)</u>
Deposits:			
Interest (January)	\$	2.36	
Total	\$		<u>2.36</u>
Total General Fund			\$ 19,786.24
Previous Scholarship Fund Balance	1/7/2016		\$ 6,771.52
Expenses:			
Total	\$		<u>-</u>
Deposits:			
Total	\$		<u>-</u>
Total Scholarship Fund			\$ 6,771.52
Total Account Balance			\$ 26,557.76

**IMPORTANT
CALENDAR
ITEMS**



EASTERN CHAPTER

MEETINGS:

- February 9, 11:30 @ Pizza Ranch on 41st Street
- March 8, 11:30 @ Hancock Concrete
- No April Chapter Meeting
- May 10, 11:30 @ Pizza Ranch on 41st Street

Eastern Chapter

Awards Banquet

February 27 @ Hilton Garden Inn, Sioux Falls

SDES Annual Conference

April 6-8 @ Downtown Holiday Inn, Sioux Falls

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

SCHOLARSHIP WINNERS BY LANCE MAYER—PE

As part of the 2015-2016 scholarship program, SDES-Eastern Chapter awarded three \$2000 Engineering Scholarships out of 57 applicants to the following high school seniors:

Spencer Huber is ranked 9th in his class at Yankton High School. Spencer has been involved in many school activities receiving a number of awards including: National Honor Society, Boys State, Football, Track, and Wrestling. He has been a captain on his wrestling team since his sophomore year and currently holds six school records. In the community, he has served meals for the homeless, packed meals for people in Haiti, washed cars to raise money for Habitat for Humanity, volunteered at local track and wrestling meets, tutored Spanish, and volunteers at the Majestic Bluffs Nursing Home playing Bingo and Wii Bowling.

Spencer plans on attending South Dakota State University to study Mechanical Engineering with a minor in Sustainable Energy Systems. He has always been interested in alternative energy sources and their uses such as electric cars, solar panels, and wind turbines. He believes that electricity from renewable energy sources will be the way of the future and he wants to be a part of helping push for a more eco-friendly way of life.

Selene Tinklenberg, attending Sioux Falls Christian High School, stood out academically while also being involved in numerous school and community activities. These activities and awards include: National Honor Society, Student of the Month, High Honor Roll, Flag Corps (Captain), Marching Band, Theater, One Act, Oral Interpretation, Concert Choir (Vice President), Chamber Choir, Cheerleading (Captain), Track, Volleyball, Student Government (Senior Class President), Rotary Club (Junior Rotarian), Prom Committee, National Forensics League, J-CREW, Church (nursery, Vacation Bible School, Praise Band), Sanford Research Science Fair, Kid's Against Hunger, Samaritan's Feet, Rosebud Indian Reservation Missions, First Priority of Sioux Falls, and a SERVE mission trip in Grand Rapids, MI.

Buildings fascinate Selene. This attraction has led her to pursue a career path that includes buildings and the science that surrounds their construction. She wants to be someone who creates sturdier, safer buildings without the use of additional natural resources. Selene believes that discovering ways to lower building costs and develop more efficient use of materials is a key to a better future for our planet and its people. She also wants to take her skills beyond the office and construction site. When she becomes an engineer she wants to take time to connect with younger girls and show them all the possibilities that lie in science, technology, engineering, and mathematic (STEM) careers. Selene plans to attend South Dakota State University and major in Civil (Structural) Engineering.

Kristin Lerdal has excelled academically as a senior at Roosevelt High School in the top 5% of her class. She has been a member of both the Drama and Oral Interpretation Clubs at Roosevelt and has been participating in the Rider Readers program. In this program, she is able to assist English Language Learners (ELL) and Special Education students in their development of literary skills. She is also an active member in the Sioux Empire Kennel Club (since 2007) and achieved the rank of Cadet Airman in the Civil Air Patrol during her membership in 2014 to 2015.

Kristin's passion for the environment sold her on engineering. She has loved the outdoors her entire life, spending as much time hunting, fishing, hiking, and camping as she can. With a degree in Civil and Environmental Engineering, she can assist in the preservation of a future in

(CONTINUED ON PAGE 4)



FEBRUARY 27, 2016 EASTERN SDES/ASCE AWARDS BANQUET

Hilton Garden Inn - Downtown

201 East 8th Street, Sioux Falls, SD 57103

Join friends and colleagues at this year's SDES/ASCE awards banquet! Arrive early for social hour, hors d'oeuvres and review project displays while enjoying the view of the Big Sioux River.

Dinner (buffet style) featuring hand carved prime rib, bourbon chicken, garlic mashed potatoes, rice blend, seasonal vegetables, fresh baked bread and mixed green salad.

Recognition of this year's SDES and ASCE award winners followed by REZA, a magician, illusionist and entertainer originally from Brookings, SD.

Members' guests are welcomed and encouraged to attend.



RSVP by Feb. 19, 2016

Name(s): _____

Number of persons attending (Guests encouraged): _____

Member of: ASCE _____ SDES _____ Other _____

SCHEDULE

SOCIAL [5:30-6:30]

DINNER [6:30-7:30]

PROGRAM & AWARDS

ENTERTAINMENT

[8:00-9:30]

Directions: From I-90: Take Exit 400 (I-229) and travel south 4 miles to Exit 6 (10th Street). Turn Right (West) on 10th Street and travel 1 mile to Cliff Ave, Turn Right (North) on Cliff Ave and go two blocks to 8th Street. Turn Left (West) on 8th Street and go 0.7 miles to arrive at the Hilton Garden Inn, 201 East 8th Street, Sioux Falls, SD 57103, on the left.

Parking: Underground parking recommended, entrance to the right of the main hotel entrance. Additional parking in front of hotel.

RSVP & SEND PREPAYMENT TO:

JSA Consulting Engineers
Attn: Myron Adam

6810 S. Lyncrest Ave, Suite 101
Sioux Falls, SD 57108

Cost: \$25/person
[Make checks payable to Eastern Chapter SDES]

SCHOLARSHIP WINNERS (CONTINUED)

which generations to come can enjoy a world full of fresh air, clean water, and rich wildlife. Kristin plans to attend the South Dakota School of Mines and Technology.

In 2015, the Eastern Chapter sponsored two \$1000 Engineering Scholarships at South Dakota State University. To qualify, students must be entering their junior or senior year and major under the College of Engineering. The two recipients selected by SDSU faculty were **Nathan Lax**, majoring in Electronics Engineering Technology, and **Elliot Reiner**, majoring in Construction Management.

Also in 2015, the Eastern Chapter sponsored a \$400 Engineering Scholarship which was made available through a permanent endowed fund held within the South Dakota Community Foundation. **Keagan Peters** was the recipient selected by the Scholarship Committee and he presently attends South Dakota School of Mines and Technology majoring in Electrical Engineering.

Congratulations to all of this year's SDES - Eastern Chapter Scholarship Recipients!

ENGINEERS WITHOUT BORDERS DONATION REQUEST

Happy Holidays from EWB!

December 3, 2015

The holidays are a time of year to be thankful for the things we normally take for granted, like access to clean drinking water. Across the globe, 884 million people lack access to safe drinking water, causing 3.5 million deaths every year. The South Dakota State University Chapter of Engineers Without Borders (SDSU EWB) would like your help with providing this vital resource to the community of Carmen Pampa, Bolivia. So far SDSU EWB has traveled to Carmen Pampa to install chlorinators on the campus of the Unidad Academica Campesina (UAC), a university whose mission is to provide higher education to young people in rural areas through academic, research and extension activities. We've already seen some great results, with students on campus reporting fewer water-borne illnesses. For the summer of 2016, SDSU EWB plans to send a group of students to construct a sand filtration system in order to increase the water quality and provide a more complete water treatment system.

This holiday season, when you are giving thanks for the gift of clean water in your life, we hope you consider helping SDSU EWB to provide this blessing to the community of Carmen Pampa. Any level of contribution is greatly appreciated. Tax-deductible donations can be made online at www.sdsufoundation.org. Please click on "Give Now", select "other" under the my funds should be designated for menu, and type "SDSU Engineers Without Borders" in the comments/special instruction box. If you have any question or would like to learn more about the trip, please do not hesitate to contact us or check out our Facebook page at www.facebook.com/SDSUEWB. We look forward to your participation and would like to thank you in advance for your interest and support.

Sincerely,

The Students of SDSU EWB



2015-2016 OFFICERS AND CHAIRPERSONS

Officers

President	Ray Pierson, PE
President Elect	Kurt Peppel, PE
Vice President	Jonathan Wiegand, PE
Secretary/Treasurer	Lance Weatherly, PE
Chapter Director(2nd term)	Craig Lauritzen, PE
Chapter Director(1st term)	Joshua VandenBos, EIT
State Director	Ben Scholtz, PE
Past President	Ryan Johnson, PE

Committees

Nominating Committee	Lee Kaffar, 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	Wes Philips, PE
Audio/Visual IT	Chad Stensland, PE
Newsletter	Joshua Peterson, PE
Membership List	Myron Adam, PE

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

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 download sign-in sheets.

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**

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**

SDS MISSION STATEMENT

SDS 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.

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