



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 11, 11:30 AM @ Pizza Ranch on 41st Street
- Shannon Ausen with the City of Sioux Falls will be discussing the 2014 construction program.

NEW MEMBERS:

- Kori Aaker with Davis Design
- Brian Bigge with Xcel Energy
- Michelle Carter with HDR Engineering, Inc.
- Nicholas Rezac - SDSU JACKRABBIT

PRESIDENT'S COLUMN

BY PHIL GUNDVALDSON-PE

Hello chapter members, I hope everyone is having a great start to the New Year! As is the case every year, February is one of our Chapter's busiest months. I hope you can all take a little time to help out with or attend some of our upcoming events.

First, please join me in welcoming the following new members to our society:

- Kori Aaker with Davis Design
- Brian Bigge with Xcel Energy
- Michelle Carter with HDR Engineering, Inc.
- Nicholas Rezac - SDSU JACKRABBIT

Here are the details for the month ahead of our many society events:

The next monthly meeting is Tuesday, February 11th at the 41st street Pizza Ranch at 11:30. Shannon Ausen with the City of Sioux Falls will be presenting on upcoming design and construction projects for the City of Sioux Falls and South Dakota Department of Transportation. If you are unable to attend, remember the meetings are available live via WebEx.

The chapter Mathcounts competition will be held on February 20th at First United Methodist Church in Sioux Falls. Please contact me if you are interested in volunteering with this year's competition. Thanks to all those who have already volunteered and to those who have provided

financial support.

Engineers Week (E-Week) is February 16th - 22nd and concludes with the annual Eastern Chapter Awards Banquet which will be held at the Washington Pavilion on Saturday, February 22nd with the social hour from 5:30-6:30, dinner at 6:30 and the awards program to follow. There will not be a formal speaker or entertainment at this year's banquet, instead we are encouraging attendees to get out and enjoy Downtown Sioux Falls with their fellow colleagues. Thanks to Erin Steever for her efforts in planning the banquet and other engineering outreach activities throughout E-Week.

The 2014 Annual Conference will be held April 16th - 18th at the Downtown Holiday Inn City Centre. In addition to having the conference at a new venue, we have also lined up very interesting and exciting topics. There will also be another exciting tour of the Denny Sanford Premier Center! We have been told the events center site is now closed to tours so were lucky to have members of our society with good connections. Be watching for your registration form in the next week or two.

Thanks everyone and I look forward to seeing you at the Awards Banquet!

Phil Gundvaldson

TREASURER'S REPORT

BY LANCE WEATHERLY, PE



Balance as of 2/1/2014

Previous General Fund Balance 1/9/2014 \$ **19,708.56**

Expenses:

speaker lunch (3) \$ (30.75)
C.J. Callaways (Conf. Planning Meal) \$ (90.13)
WebEx (January) \$ (51.94)

Total \$ (172.82)

Deposits:

Informer Ads - Banner \$ 75.00
Interest (January) \$ 2.60

Total \$ 77.60

Total General Fund \$ **19,613.34**

Previous Scholarship Fund Balance 1/9/2014 \$ **9,799.23**

Expenses:

Total \$ -

Deposits:

Total \$ -

Total Scholarship Fund \$ **9,799.23**

Total Account Balance \$ **29,412.57**

IMPORTANT CALENDAR ITEMS

EASTERN CHAPTER MEETINGS:

- February 11, 11:30 @ Pizza Ranch on 41st Street
- March 11, 11:30 @ Pizza Ranch on 41st Street
- April 8, 11:30 @ Pizza Ranch on 41st Street

E-Week

February 16–22, 2014

Eastern Chapter MATHCOUNTS

February 20, 2014

First United Methodist Church, Sioux Falls

Eastern Chapter Awards Banquet

February 22, 2014

Washington Pavilion, Sioux Falls

SDES Annual Conference

April 16–18, 2014

Downtown Holiday Inn City Centre, Sioux Falls

JOB OPPORTUNITY

Minnehaha County invites applications for an Assistant Highway Superintendent to perform a variety of professional administrative, technical, and engineering work in the construction and maintenance of the County road and bridge systems. Duties include providing leadership to staff to carry out the department's vision of "Transportation Excellence" and its mission, goals, and policies. Visit www.minnehahacounty.org for a full position posting and to apply.

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

SCHOLARSHIP WINNERS—CHRIS JIBBEN, PE

As part of the 2014 scholarship program, SDES-Eastern Chapter awarded three \$2000 Engineering Scholarships out of over 50 applicants to the following high school seniors:

Cody Reed is ranked third in his class at Elk Point Jefferson High School. Cody has been involved in numerous school & community activities including: Football-Captain, Basketball-Captain, Baseball, Track, Academic Quiz Bowl, Marching, Pep & Concert Band-Section Leader, National Honors Society- President, Natural Helpers (Teen/ Youth Guidance Program), Newspaper, Student Council- President, and Church Youth Group.

Throughout high school Cody has received the most satisfaction from his positions in student leadership. From his experience in athletics, band, student council, National Honors Society, or Natural Helpers, his peers and advisors have recognized Cody as a natural leader and role model who leads by example.

Whether it is figuring out how to solve math or chemistry problems Cody has always been interested in the field of Engineering. Cody had the opportunity to job shadow an SDSU mechanical engineering graduate at Daktronics. After observing Daktronics engineers in action, Cody sensed mechanical engineering could be an enjoyable career that suits his personality and abilities. He enjoys challenging his critical thinking skills and working with others. Cody plans to attend SDSU and Major in Mechanical Engineering

Jacob Reeves attends Avon High School and stood out academically while also being involved in many school activities and receiving numerous awards. Activities include: Track, Football-Captain & State Champions, Student Council, Quiz Bowl, Archery, A-Club, Boys State, Baseball, and FFA-Treasurer. Awards include: Regional Science Fair-Senior Champion, International Science Fair, Yale Science and Engineering Association Award, Mu Alpha Theta Award, FFA-Ag Mechanics Large Built Project-Section Champion & Medium Built Project-Section Champion, Junior Division Wood Fabrication CDE State 2nd and 4th Place.

The most satisfying achievement for Jacob has been winning the State Championship in Football. This proved to Jacob that you can do anything if you put your mind to it. The team motto was "Count on Me" as every player to be counted on.

What led Jacob towards Chemical Engineering is his extreme enjoyment of chemistry and working with his father in his construction company. He has helped to come up with new ways to fix and reconstruct buildings. Through FFA, he was able to take part in mechanical projects and learn hands on skills and leadership roles. One of his biggest experiences was being part of the International Science Fair in Phoenix, Arizona. His science fair project was developing a heat exchanger between a dryer and geothermal system.

Jacob plans to attend SD School of Mines and major in Chemical Engineering.

Thomas Punt excelled academically as a senior at Stickney High School. His activities include: Oral Interpretation, Quiz Bowl-Captain, All-School Play, Chorus, CBH Academic Festival, Marching and Pep Band, Yearbook-Manager, Prairie Readers-Team Captain, RCYF-President, YLF Delegate, National Honors Society-President, and has raised money for Autism Speaks.

Serving as a four time captain of the Quiz Bowl and Academic Team has been Thomas's most satisfying achievement. His team earned \$2000 for the program which meant his hard work will benefit his school even after graduation. Thomas has also had to overcome living with Asperger's and has strived to become a successful student.

Thomas has always been curious about how things work and has a great deal of interest in all things science related. The areas of geology, biology, and chemistry hold a special appeal to Thomas.

Thomas plans to attend SD School of Mines and major in Geological or Biochemical Engineering.

Also this year, 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 **Jacob Ailts**, majoring in Construction Management and **Justin Syrovatka**, majoring in Operations Management.

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

PRIOR AWARD WINNERS—BRAD LUDENS, PE

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 22. Thanks for your help!

Engineer of the Year

Eastern Chapter

2012: Orlin Jibben
2011: Jeff Christensen
2010: Bruce Card

SE/NE Chapter

2009: Chad Huwe (SE)
2008: James Unruh (SE)
2007: Rich Schwanke* (SE)
2006: Mark Wiederich (SE)
2005: Steve Hoff (SE)
2004: Jon Heck* (SE)
2003: Dennis Wipf / Geoff Heig
2002: Jeff DesLauriers / Seth Hanson
2001: Doug Hoy / Chuck Tiltrum
2000: Kim Heck / Dennis Micko*
1999: Duane Sanders* (NE)
1998: Fred Ritterhaus* (NE)
1997: Fran Brink* (NE)
1996: John Little (NE)
1995: Joe Gillen / Dwayne Rollag
1994: Steve Quincy / Paul Koepsell*
1993: Tom Berkland (SE)
1992: Ralph Lindner (SE)
1991: Duane Genzlinger / Jim Dornbush*
1990: Jon Smith (SE)
1989: Beth Tellekson (SE)
1988: Dale Jans (SE)
1987: Len Neugebauer (SE)
1986: Rex Stockwell* / Ernest Buckley
1985: Tade Gerischer / Junis Storry
1984: Tom Molohan / Al Kurtenbach*
1983: Wilfred Schroeder (SE)
1982: Art DeWitt (SE)
1981: Marvin Heck / Emory Johnson*
1980: Merle Jansen (SE)
1979: Ray Jorgensen (SE)
1978: John Peasley (SE)

Young Engineer of the Year

Eastern Chapter

2012: Adam Norman*
2011: Brett Runge*
2010: Brad Ludens*

SE/NE Chapter

2009: TJ Yerdon (SE)
2008: Phil Gundvaldson* (SE)
2007: Jason Reaves (SE)
2006: Jason Kjenstad* (SE)
2005: Myron Adam (SE)
2004: Chad Hanisch* (SE)
2003: Shannon VerHey (SE)
2002: Mark Cotter* (SE)
2001: Brent Anderson / Matthew Asche
2000: Jason Klemme / Sam Muntean
1999: Jackie Lanning* (NE)
1998: Steve Hoff / Rick Schlechter*
1997: Beth Kassing (SE)
1996: Doug Jackson / Jay Koch
1995: Kim Heck / Seth Hanson*
1994: Don Weigel (NE)
1993: Jeff Christensen* (SE)
1992: Doug Hoy (SE)
1991: Jon Heck (SE)
1990: Jeff Miller (SE)
1989: Bruce Card (SE)
1988: Ralph Lindner (SE)
1987: Tom Kelly (SE)
1986: Ron Hemmer / Geoff Heig*
1985: Dale Jans / Rick Solonen
1984: Dan Eisenbraun / Daryl Englund*
1983: Dennis Wipf (SE)
1982: Rex Stockwell* / Dave Odens
1981: Don Norman (SE)
1980: No Award
1979: Mike Bailey (SE)
1978: No Award

Project of the Year

Eastern Chapter

2012: Sioux Falls Water Reclamation Facility Effluent Filter Improvements*, HR Green and River Greenway Improvements Phase 1, Goldsmith Heck
2011: Big Sioux River Skunk Creek Flood Control Project Phase 2C, USACE* and Sioux Falls Central Main, HDR Engineering
2010: 41st Street Bridge Reconstruction* HDR Engineering, Sioux Falls

Southeastern Chapter

2009: Phillips Avenue, 10th St. to 12th St. Stockwell Engineers, Sioux Falls
2008: 57th Street, Cliff Ave. to Sycamore Ave. HDR Engineering, Sioux Falls
2007: Cliff Avenue, Chambers St. to Benson Rd. HR Green/Sayre Associates, Sioux Falls
2006: 12th Street/I-29 Interchange (?) *Needs Verification*
2005: Louise Avenue, 69th St. to 85th St. Ulteig Engineers, Sioux Falls
2004: Sioux Falls Water Purification Plant* HDR Engineering, Sioux Falls
2003: Russell St./Benson Rd./I-29 Interchange HDR Engineering, Sioux Falls

Northeastern Chapter

2005: Aberdeen Water Supply/Treatment Imp. Banner Associates, Brookings
2002: Newcastle-Vermillion River Bridge Banner Associates, Brookings
2001: Paul Brown Stadium *Needs Verification*
2000: Veterans Avenue, Sisseton, SD Helms and Associates
1998: Prostar Daktronics
1995: Big Sioux Community Water System Banner Associates, Brookings

* indicates state award winner

SDSU THANKS THE EASTERN CHAPTER

SOUTH DAKOTA
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FOUNDATION

IMPACT *Greatness*

Eastern Chapter South Dakota Engineering Society
Patrick Schwebach, PE
P.O. Box 1512
Sioux Falls, SD 57101

Dear Patrick:

Thank you for your recent gift to South Dakota State University.

SDSU's continued growth is dependent upon the generosity of alumni and friends who are willing to invest in our university. We are grateful for your decision to choose SDSU out of the many deserving causes worthy of support. Your gift does make an impact on the students, faculty and staff.

Thanks again. We want to wish you the very best in this new year.

Sincerely,



Steve Erpenbach
President and CEO, SDSU Foundation

Gift Receipt

Date of Gift:	12/31/2013	
Donor:	Eastern Chapter South Dakota Engineering Society	
Method of Payment:	Cash - Check 1569	
Designation(s):	<i>Eastern Chapter South Dakota Engineering Scholarship</i>	\$2,100.00
	Total Received:	<u>\$2,100.00</u>

Please retain this receipt for your records.

**No goods or services were received in relation to your gift.*

GETTING TO KNOW YOU Member Bio

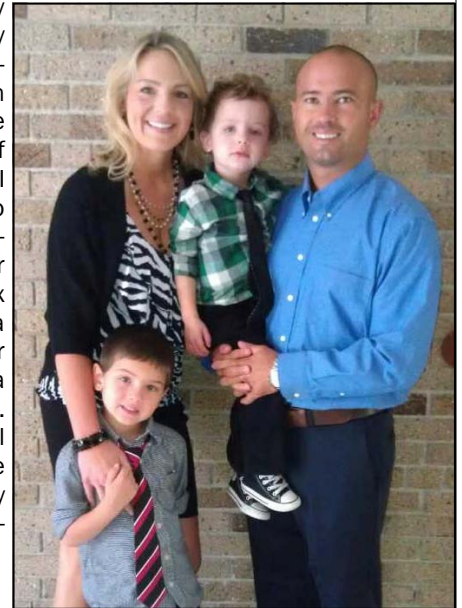
Sioux Falls City Engineering
224 W 9th Street, PO Box 7402
Sioux Falls, SD
Phone: 605-367-8601
Fax: 605-3674310

KURT PEPPER, PE

Degree:
SDSM&T—Civil Engineering

Favorite Quote:
*"You can't get something for nothing,
unless somebody sometime got
nothing for something."*

A brief history... I grew up in Butte, NE, a small town of approximately 400 people (and no it is not out west!). Growing up I spent a lot of time at my family's farm. We didn't actually live on the farm, but if we weren't in school or at a sporting event we were at the farm doing something. I always hated snow days because we didn't get to sit at home and play video games; dad always found something for us to do at the farm. During the summers we spent a lot of time playing baseball and going to the Missouri River which was only 20 miles away. I attended Butte Public School and graduated in 1998. In the fall of 2002, I received my Civil Engineering degree from SDSM&T. After college I worked seven years for the South Dakota Department of Transportation in Sioux Falls. In the spring of 2010 I accepted my current position with the City of Sioux Falls, only one month after my wife switched jobs and two months before our second child was born; it was an interesting summer! I met my wife Becky during college; she was not one of the ten girls that attended SDSM&T. I met her through her brother who is also a SDSM&T graduate. She is an Occupational Therapist and currently works for Aegis Therapies. We have two boys, Jax (5) and Lu (3) and we are expecting a baby in July; I am hoping for boy number three! During the summer we spend a lot of time camping, boating and golfing. Last summer/fall we built a house in Dell Rapids right across the street from the golf course. Now if I could just talk my wife into buying a golf cart - any suggestions?



A LITTLE BIT MORE ABOUT OUR MEMBER OF THE MONTH:

Family: Wife Becky - Sons Jackson (5) and Lucas (3)
Hometown: Butte, NE
Job title and years with firm: Civil Engineer-PE, 4 years.
Favorite Room in Your House: I like to cook, so probably the kitchen.
Normal Breakfast: Something different everyday.
Last CD Purchased: Not sure if I have ever purchased a CD.
Last DVD Purchased: Probably some type of kids movie.
Hobbies: Golfing, camping, boating and hunting, pretty much anything outdoors. Also, going back to the farm to help my dad.
What do you collect? Shot glasses and can koozies.
Best Personality Trait: Easy going.
Pets: None
Pet Peeves: When someone uses a word that is already part of an acronym. "ATM Machine"
Favorite beverage: Beer and Margaritas
Favorite TV Show: Sports Center
Favorite season: Summer
People may not know... I lost the tip of a finger while playing high school football.
What made you want to be an engineer? I have two older broth-

ers that are engineers and it seemed less strenuous compared to farming and ranching.

What do you like best about being an engineer? Exposure to a wide variety of challenging projects.

Describe a significant event in your professional life. Subdivision Compliance. When I was hired, the City had (30) subdivisions that were out of compliance with their Assurance Agreements, now there are (3). Also, in lieu of a (3) page Assurance Agreement, developers now execute a (14) page Subdivision Construction Agreement.

Describe a significant event in your personal life. Having kids and watching them grow. Our oldest started school this year and it is funny to hear what he learns from the other kids; and I am not talking about reading, writing and arithmetic.

What are you looking forward to in the next year? We are expecting our third child in July!

I hate it when... When someone types the body of an email into the subject line.

Where is your favorite place and why? I am not sure I can narrow it down to just one place. The summer after I graduated high school I spent (10) days in Australia and Hawaii playing football, chasing kangaroos and enjoying the beaches. Australia is definitely on my list to visit again. My wife and I have also been to Mexico several times. I like warm weather destinations, the sun and I get along great!

We are on the web

<http://www.sdes.org/>

2013-2014 OFFICERS AND CHAIRPERSONS

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

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

CONTACT:

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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>
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.



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 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 download sign-in sheets.

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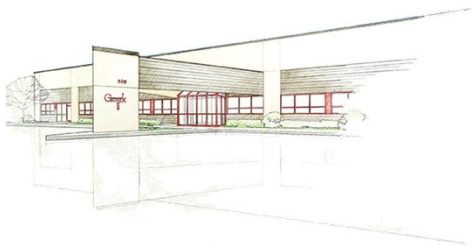
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The cost is \$75 for a standard business card-size advertisement.

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