



The Engineering Informer

INSIDE THIS ISSUE:

TREASURER'S REPORT	2
CALENDAR	2
BLAST FROM THE PAST	2
STATE MATHCOUNTS	3
GOLF OUTING	4
SPONSORSHIP OPPORTUNITIES	4-5
THANK YOUS	6-7
MEMBER BIO	8
WEBEX LOGIN	9
MISC.	9
ADVERTISEMENTS	10-12

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:

May 10, 11:45 AM @ 41st Street Pizza Ranch
- Mike Cooper with the City of Sioux Falls will be discussing development in Sioux Falls.

PRESIDENT'S COLUMN BY RAY PIERSON—PE

Well, here we are finishing up spring and getting ready for summer. I hope all have a great summer planned and that construction projects move along smoothly.

Along with the changing of seasons, this marks the end of my time as your President of the Eastern Chapter of SDES. I would like to thank everyone for their support of the activities that we have partaken in over the past year and for the support you have given me as the President. As I move out of this position, Kurt Peppel will be moving in as your new President and I would like to wish him success in the upcoming year.

Thank you to those that attended the plant tour at Hancock Concrete Products in March. We had a light crowd with the Summit League Championship going on at the same time but the attendees seemed to enjoy seeing the production processes and three edge bearing test for concrete pipe.

In April we had a very successful Annual Conference here in Sioux

Falls with record or near-record number of attendees with over 200 in attendance. Thank you to all of the conference board members and Chad Huwe for being the main chairperson for the event and making sure all ran smoothly. However, with the end of one conference our thoughts are turned to the Fall PDH conference that will be also hosted by the Eastern Chapter. Plans have begun to determine a location and you may be seeing a request for information or a request for planning committee members. Please consider helping out where you can.

Our last meeting before we break for summer will be at Pizza Ranch on 41st Street and Mike Cooper with City of Sioux Falls Planning will be presenting on the current status of development within Sioux Falls. Plan to attend if you can. Again, thank you for a great year and good luck to our 2016-2017 Board!

SDES Eastern Chapter President,
Ray Pierson

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

	Balance as of	5/9/2016	
Previous General Fund Balance	2/29/2016		\$ 20,834.75
Expenses:			
WebEx (February)	\$	(51.94)	
Conference Planning	\$	(50.25)	
Banquet expense	\$	(4,862.88)	
Banquet expense - awards	\$	(235.32)	
Patrick Henry Middle School donation	\$	(200.00)	
WebEx (March)	\$	(51.94)	
Conference expenses (nametags)	\$	(58.30)	
Banquet expense	\$	(736.00)	
WebEx	\$	(51.94)	
Total	\$	(6,298.57)	
Deposits:			
Banquet revenue - deposit #2	\$	950.00	
Interest (March)	\$	2.00	
Interest (April)	\$	1.81	
Total	\$	953.81	
Total General Fund	\$	15,489.99	
Previous Scholarship Fund Balance	2/29/2016		\$ 6,771.52
Total Scholarship Fund			\$ 6,771.52
Total Account Balance			\$ 22,261.51

**IMPORTANT
CALENDAR
ITEMS**



EASTERN CHAPTER

MEETINGS:

- May 10, 11:30 @ Pizza Ranch on 41st Street

2016 Eastern Chapter

Golf Outing

August 4 @ Brandon Municipal Golf Course

**BLAST FROM THE PAST—NOTES FROM
THE MAY 1991 ENGINEERING
INFORMER**

- Ralph Lindner was the Southeastern Chapter President.
- The May meeting was held at the Bonanza Family Restaurant on East Tenth Street.
- The May speaker was Teri Ellis of the Chamber of Commerce Convention and Visitors Bureau discussing the need for a convention center in Sioux Falls.
- The Treasurer's report showed \$1,571.34 in the General Fund and \$2,068.35 in the Scholarship Fund.
- The Central Chapter was thanked for hosting the annual conference.

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

**STATE MATHCOUNTS COMPETITION WINNERS
BY JESSE MORRIS, PE**

Pierre, SD - March 12, 2016 — A team of middle school Mathletes® from Mickelson Middle School in Brookings won the state MATHCOUNTS competition. The top individual was Serena An from Mickelson Middle School.

Members of the winning team are: Donovan Kreul, Serena An, Samyok Nepal and Jason Min, coached by Shannon Renkly.

The second and third place teams are from Edison Middle School of Sioux Falls and Selby Area Middle School of Selby, respectively.

The top four individuals from the State Competition will represent South Dakota at the 2016 Raytheon MATHCOUNTS National Competition in Washington D.C., May 7-10. The four team members are Serena An (Mickelson Middle School - Brookings), Donovan Kreul (Mickelson Middle School - Brookings), Isaac Sarbacker (Edison Middle School - Sioux Falls) and Samyok Nepal (Mickelson Middle School - Brookings). The coach for South Dakota's team going on to compete at the national competition is Shannon Renkly (Mickelson Middle School - Brookings).



First Place Team - Mickelson Middle School



First Place Team - Serena An

In our increasingly technological society, those students who do not begin developing strong problem-solving, logical thinking and analytical abilities in middle school will face an uphill battle later in life if they wish to pursue a medical, scientific, mathematical, engineering or technical career. As a national math enrichment, coaching and competition program designed to improve math skills among U.S. students, MATHCOUNTS prepares students for future career opportunities and success. More than 6 million students across the U.S. have participated in MATHCOUNTS programs.

The state program is sponsored by the South Dakota Engineering Society and the 3M Gives Foundation. Leadership at the local levels of the MATHCOUNTS Competition Series is provided by members of the South Dakota Engineering Society of the National Society of Professional Engineers.

The National Sponsors of MATHCOUNTS are Raytheon Company, Northrop Grumman Foundation, U.S. Department of Defense, National Society of Professional Engineers, CNA Foundation, Phillips 66, Texas Instruments Incorporated, 3Mgives, Art of Problem Solving and NextThought. MATHCOUNTS was founded by the National Society of Professional Engineers, National Council of Teachers of Mathematics and CNA Foundation.

Additional information on MATHCOUNTS is available at www.mathcounts.org.

SAVE THE DATE!

2016 Eastern SDES Annual Golf Outing
Brandon Municipal Golf Course
Thursday, August 4th, 2016



Tee Off: Begins 11:15 a.m.
Social Hour: 5:15 – 6:15 p.m.
Dinner: 6:15 p.m.

Come join us for a fun social event for a great cause! Registration forms and other information coming soon!

* The Annual Golf Outing is the major source of funding for the Eastern SDES scholarship program. Raffle tickets will be sold for your chance at great prizes. Format will be a two-person scramble using a handicap scoring system.

SPONSORSHIP OPPORTUNITY



Space: An Out-of-this-World Experience invites visitors to explore the journey humans are taking into space and imagine a future when Earth is no longer the only planet we call home. This hands-on exhibition explores the challenges and solutions that will shape our future in space, presented in English and Spanish text.

“Blasting Off” Late Summer 2016!



WASHINGTON
PAVILION

Experience *Your* Washington Pavilion

SPACE GALLERY SPONSORSHIP OPPORTUNITIES AVAILABLE!

To learn more, please contact:

ANN PARKER | Director of Development | 605-367-7397 ext 2311 | aparker@washingtonpavilion.org

SPONSORSHIP OPPORTUNITY

March 16, 2016

South Dakota Engineering Society - Eastern Branch
PO Box 1512
Sioux Falls, SD 57101



Dear SDES Members,

Exposure to Science, Technology, Engineering and Math (STEM) fields for kids this age is a critical tool in developing our future workforce. An estimated 18,000 STEM jobs will be available in South Dakota by 2018. In fact, industry is already experiencing a worker shortage with some positions going unfilled. This is where we need you.

To invest in science and technology skills by providing the materials to expand robotics programs and experiences throughout the district.



This year, your 2016 gift can be invested into the Tiger Robotics Fund to support the youth interested in pursuing STEM and hands on building opportunities. Currently serving students from Sioux Falls and Harrisburg, attending school in the Harrisburg District, Tiger Robotics offers First Lego League (FLL), VEX Robotics, BEST Robotics and club opportunities. Each program offers a unique building and programming challenge depending on the robot type and missions. You can help move us toward our goal of raising **\$8,000** by May 1st.

Here's how:

- **Your \$2000 gift** supports a new high school VEX Team with robot parts, tools and competition arena/supplies. (Sponsor Logo on t-shirt, banner and website.)
- **Your \$500 gift** supports FLL or VEX TEAM with a robot parts and mission models. (Sponsor Logo on t-shirt, banner and website.)
- **Your \$300 gift** provides mission models and event registrations to a returning team so they may continue to participate. (Sponsor Logo on t-shirt, banner and website.)
- **Your \$150 gift** provides afterschool opportunities, parts and tools to ALL teams wishing to build on their skills. (Sponsor Listing on t-shirt, banner and website.)
- All gifts are tax-deductible as allowed by the school system and we'll proudly display your sponsorship if received by May 1st.

As the 2016-17 robotics season approaches, we take time to appreciate our volunteers, our coaches and our mentors. And, we **THANK YOU** in advance, for your generous support.

Respectfully,

Cole Titze

Cole Titze, Tiger Robotics-High School Team

Tiger Robotics, Harrisburg South Middle School, PO Box 309, Harrisburg, SD 57032

SCHOLARSHIP THANK YOU



South Dakota
State University

Jerome J. Lohr College of Engineering

Office of the Dean

Crothers Engineering Hall 201, Box 2219
South Dakota State University
Brookings, SD 57007-0096
Phone: 605-688-4161
Fax: 605-688-5878

March 22, 2016

Lance Weatherly
Eastern Chapter South Dakota Engineering Society
P.O. Box 1512
Sioux Falls, SD 57101

Dear Eastern Chapter South Dakota Engineering Society:

Thank you for your generous contribution of \$2,100 for the Eastern Chapter South Dakota Engineering Scholarship Fund in the Jerome J. Lohr College of Engineering given in January. Scholarships are a tremendous way to help us recruit and retain the very best students, and they are only made possible by the generosity of donors like you.

Thank you for your support of our engineering students at South Dakota State University.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lewis F. Brown'.

Lewis F. Brown, Ph.D.
Dean, Jerome J. Lohr College of Engineering

LFB:lr

THANK YOU S

Dear Members,

Thank you to the Eastern Chapter of South Dakota Engineering Society.

Your generous gift to the "Eastern Chapter SDES Scholarship" and "Engineers without Borders" is making a difference for students at SDSU.

Thank you for making such a positive impact on our students.

Sincerely,

Tom Becker

SDES,

Thank you so much for your generous contribution to EWB-SDSU. Your donation will go towards our planned implementation trip this summer to install two slow sand filters in Bolivia. This implementation not only helps provide clean drinking water to students in Bolivia, but also provides an invaluable educational experience to our student members at SDSU. Thanks again for your support!

Deidre Beck & All members of EWB-SDSU

GETTING TO
KNOW YOU
Member Bio

JOSHUA VANDENBOS

City of Sioux Falls
Public Works
224 W Ninth Street
Sioux Falls, SD 57104
Phone: 605-367-8601

Degree:
NDSU—Construction
Engineering

A brief history... I was born in Sioux Falls sometime in the late 20th Century. I attended and graduated from Lincoln High School where I went on to pursue Engineering in the most general term that I can use at North Dakota State University. After a few years of 'Engineering' studies, I graduated with a B.S. in Construction Engineering (yes it's ABET accredited).

I went on to work for the ND DOT (Grand Forks Office) and Sioux Falls Construction for the first year after college. I started full time with Public Works in 2012, where I currently am a Civil Engineer/Project Manager for the Engineering Department, primarily working on street and utility projects.

My wife Jenna and I met at college. She works as a nurse for Sanford in MB3 and is from the Alexandria, MN area (the 10,000 lakes portion of Minnesota). We just recently had our first child at the beginning of April (Kinley), no amount of prepping could still prepare us.



A LITTLE BIT MORE ABOUT OUR MEMBER OF THE MONTH:

Family: Jenna (wife) and Kinley

Hometown: Sioux Falls

Job Title and Years With Firm: Civil Engineer, 4 years

Favorite Room in My House and Why: Kitchen, it's the universal room that a person can do almost anything that they need to do, almost anything

My Normal Breakfast: Cereal, banana, and coffee

Last CD Purchased: Adele.....It was for my wife of course

Last DVD (movie or game) Purchased: Star Wars

Hobbies: Sports and tinkering (my wife says I'm ready for retirement already)

What do you collect? Any hand or power tool

that my wife allows me to purchase

My Best Personality Trait: Patience

Pets: Mya, Husky/American Eskimo mix, lots of hair

Pet peeves: Impatient people

Favorite beverage: Coffee and Coors Light, preferred separately

Favorite TV Show: Naked and Afraid, I'm oddly obsessed with watching people starve and struggle on TV from the comfort of my couch

What do you like best about being an engineer? Problem solving

Describe a significant event in your personal life. Birth of my first child, Kinley

Favorite Place to Visit and Why: Vandebos compound on the shores of Lake Brandt, cold beer and sun solves all of life's problems.

2015-2016 OFFICERS AND CHAIRPERSONS

Officers

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

Committees

Nominating Committee	Lee Kaffar
Mathcounts	Phil Gundvaldson, PE
Scholarship	Lance Mayer, PE
Events Coordinators	
eWeek	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
SDS
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.

Bartlett & West

Bartlett & West and you...pursuing innovation, developing engineering and technology solutions, and strengthening our communities together.

you

BARTLETT & WEST 5900 S WESTERN AVE, STE 101 • SIOUX FALLS SD 605.274.7415 • BARTWEST.COM

JSA ENGINEERS AND LAND SURVEYORS

Land Development • Municipal • Streets • Water • Sewer • GPS • Construction Staking

6810 S. Lyncrest Avenue • Suite 101
Sioux Falls, South Dakota 57108-2515
605-367-1036 • Fax 605-367-1002

ADVANCED ENGINEERING AND ENVIRONMENTAL SERVICES, INC.



Think Big. Go Beyond.

WATER ENGINEERING
CIVIL ENGINEERING
SURVEYING/MAPPING/GIS
FINANCIAL SERVICES
ASSET MANAGEMENT
INSTRUMENTATION & CONTROLS

f t in You Tube

www.ae2s.com



1111 N. Lake Avenue
Sioux Falls, SD 57104
605-271-5527
▲ infrastructuredg.com



Municipal Engineering | Transportation Engineering/Planning | Water Resources
Site Development | Construction Observation | Parks & Recreation
Land Surveying



Durable. Dependable. Delivered.
Call CEMCAST today and let us put our concrete expertise to work for you.

Reinforced Concrete Pipe • Concrete Manholes

26088 466th Avenue Hartford, S.D., 57033 Phone 605 528 3530 Fax 605 528 3531



Trusted. Professional. Solutions.



PSMJ Business, Inc. **CIRCLE OF EXCELLENCE** 2015

2909 E. 57th Street - Sioux Falls, SD - 605.339.4157
email: dgr@dgr.com - web: dgr.com



Civil Engineers & Land Surveyors
www.sayreassociates.com • (605) 332-7211



Expert. Precise. Utility Locating.
CALL TODAY
Brent Anderson – (605)351-5139
Bob Weatherford – (605) 496-3827
www.SUExplore.com



AVOID UNNECESSARY UTILITY CONFLICTS WHEN PLANNING YOUR PROJECTS

To advertise in the Engineering Informer, please contact Joshua Peterson at: jpeterson@siouxfalls.org or 367-8616. The cost for a standard business card-size advertisement for one year is \$75. Thank you to all of you who continue to generously support the Eastern Chapter of SDES.



MINNEHAHA COUNTY

Minnehaha County Highway Department

2124 East 60th Street North
Sioux Falls, SD 57104
(605) 367-4316
www.minnehahacounty.org

Transportation Excellence.

Ideas transform communities



Sioux Falls 605.977.7740

hdrinc.com

The Right Solution for You

South Dakota Offices:
Beresford • Pierre • Rapid City • Sioux Falls

Services: Chemistry • Environmental
Forensics • Geotechnical • Materials

www.amengtest.com • (800) 972-6364



CITY OF SIOUX FALLS PUBLIC WORKS

Providing a Better Quality of Life for You!

Engineers Supporting the SDES Eastern Chapter: Shannon Ausen, Andy Berg, Nick Borns, Brittany Brickman, Dennis Clark, Mark Cotter, Jeff DesLauriers, Kerry Ellis, Rod Harms, Heath Hoftiezer, Chad Huwe, Ryan Johnson, Dena Knutson, Brad Ludens, Jacob Maras, Troy Miller, John Osman, Sara Pankonin, Kurt Peppel, Mark Perry, Josh Peterson, Wes Philips, Dustin Posten, Tim Stefanich, Curt Struck, Josh VandenBos, Shannon VerHey, Lance Weatherly, Raed Yousef



Engineering, Surveying,
and Consulting Services

5701 South Corporate Place
Suite 1
Sioux Falls, SD 57108
Tel: 605-323-2306



www.ulteig.com

SAVE MONEY

and gain effective capacity quickly and affordably with
Ess Brothers & Sons, Inc. I & I Prevention Products

FLEX SEAL
UTILITY
SEALANT®



9350 County Road 19
Loretto, MN 55357
Phone: (763) 478-2027



INFI-SHIELD®
UNI-BAND

Go to www.essbrothers.com
to see details on all our
products.

H&W Contracting, LLC

Thomas Hurd
President/Owner

3416 W. Hovland Drive
Sioux Falls, SD 57107
Phone: 605/339-8834
Fax: 605/339-9175
Cellular: 605/351-3339
E-mail: tom@h-wcontracting.com



Building Together™

Charles "Chuck" Cox
Market Manager
LEED AP BD+C, CGP, CSI, WC AP

221 N Ebenezer Ave.
Sioux Falls, SD 57107

Desk Phone: 605-335-0611
Cell: 605-787-2138
Fax: 605-335-4799
Email: ccox@gcc.com
www.gccusa.com

BIERSCHBACH
EQUIPMENT & SUPPLY

Geogrids, Geotextile Fabrics,
Gabions, Erosion Control, Geocell.
We have a Solution for your Problem.
Let Us Help You Today!
Sioux Falls 605-332-4466 Rapid City 605-348-6440

431 N. Phillips Avenue
Suite 400
Sioux Falls, SD 57104
P 605.334.4499
HRGREEN.COM

100 YEARS
FOR A REASON

TRANSPORTATION + WATER + GOVERNMENTAL SERVICES
ENERGY + LAND DEVELOPMENT

www.bannerassociates.com

Brookings
Sioux Falls
Vermillion
Milbank
Rapid City

Civil/Transportation
Municipal Engineering
Land/Site Development
Water Treatment, Storage & Distribution
Wastewater Collection & Treatment
Water Resources
Surveying

BANNER
Engineering | Architecture | Surveying

Toll Free
1.855.323.6342

Local Knowledge
Local Experience
Local Service, Nationwide®

2101 E 54th St N
Sioux Falls, SD 57104
(605) 339-2814

Rapid City • Sioux Falls

2808 E Highway 44
Rapid City, SD 57703
(605) 716-9427

HD SUPPLY
WATERWORKS

DSG
DAKOTA SUPPLY GROUP
For all the right connections!

LASTING PRECAST SOLUTIONS
FOR AMERICA'S INFRASTRUCTURE

Hancock
www.hancockconcrete.com

Sioux Falls, SD | Devils Lake, ND
Lake View, IA | Hancock, MN
Cannon Falls, MN | Courtland, MN | Moorhead, MN

GEOTEK GEOTEK ENGINEERING
& TESTING SERVICES, INC.

Resources for Design and Construction

909 East 50th Street North
Sioux Falls, South Dakota
P: 605-335-5512 F: 605-335-0773
www.geotekeng.com

Geotechnical • Construction Materials/NDT
Environmental • Indoor Air Quality/CIH

Soukup
CONSTRUCTION, INC.
SIOUX FALLS, SD

Mailing Address
P.O. Box 89106
Sioux Falls, SD 57109

Phone
605.332.5282

Site Development • Environmental • Excavation • Demolition
Aggregates • Retaining Walls • Site Utilities