

The Engineering Informer

September 3, 2019

MEMBERS OF THE

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

SDES EASTERN CHAPTER NEWSLETTER

PO BOX 1512 SIOUX FALLS, SD 57101 | WWW.SDES.ORG

NSPE-SD EASTERN CHAPTER
 SOUTH DAKOTA
 ENGINEERING SOCIETY
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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 9 of this newsletter.

IMPORTANT NEWS

NEXT MEETING:
 Tuesday, September 10th
 at 11:30am at Pizza
 Ranch on 41st Street

WELCOME TO OUR NEW MEMBERS!

Aaron Aristeo
 Allyn Brummel
 Cole Gebhart
 Scott Kelly

PRESIDENT'S COLUMN

BY KRISTA MAY, PE



Hope everyone enjoyed their summer and are ready for fall! I can't believe it's already September, but now I can look forward to hoodies, Friday night football, everything pumpkin, and beautiful fall foliage.

As we start our new year of Chapter meetings, I want to thank Lance Weatherly for his leadership this past year. Thank you also to all our wonderful volunteers who make our activities a success. There are many volunteer activities throughout the year and I encourage you to get involved. We truly cannot do everything we do without our volunteers.

We had another successful Golf Outing in August. Thank you, Gabe Laber, for putting together another great event! If you are interested in helping plan next year's event, please reach out to Gabe.

The Fall PDH Conference is coming up on October 3, 2019 in Rapid City. Information and online registration is available on the SDES website. The Eastern Chapter is hosting the 2020 Annual Conference April 1-2, 2020 at the Holiday Inn City Center in Sioux Falls. Gabe Laber and Phil Gundvaldson are our co-chairs. If you are interested in helping plan or have speaker ideas, please let Gabe or Phil know.

Our first chapter meeting of the fall will be held on Tuesday, September 10, 2019 at the 41st Street Pizza Ranch. Eric Olson from Tencate Geosynthetics will be presenting to us on "Attack the Threat – Moisture". His presentation will highlight the Mirafi H2Ri Geotextile Fabric that can help prevent damage to our roadway infrastructure caused by moisture within our subgrade and base coarse material. It will discuss how the material works, how moisture impacts fine- and coarse-grained soils, and various case studies.

I am still looking for speaker topics for our monthly meetings, so please let me know if you have a topic or speaker in mind.

Finally, I want to welcome our new members who have joined us since April: Aaron Aristeo, Allyn Brummel, Cole Gebhart and Scott Kelly. Make sure to say hello and thank them for joining us at an upcoming meeting.

TREASURER'S REPORT

BY JOSH PETERSON, PE

| | |
|--|---------------------|
| Previous General Fund Balance 05/08/2019: | \$ 34,923.27 |
|--|---------------------|

Deposits:

| | | |
|---------------|-----------------|--|
| Interest | \$ 17.04 | |
| Total: | \$ 17.04 | |

Expenses:

| | | |
|--|----------------------|--|
| Webex | \$ (52.19) | |
| ROBO Chickens Donation | \$ (250.00) | |
| New Projector Screen | \$ (159.74) | |
| Engineers for World Improvement Donation | \$ (1,000.00) | |
| Chapter Board Meeting Refreshments | \$ (97.50) | |
| Habitat for Humanity Refreshments | \$ (152.90) | |
| Post Office Box | \$ (134.00) | |
| Total: | \$ (1,846.33) | |

| | |
|------------------------------------|---------------------|
| Total General Fund Balance: | \$ 33,093.98 |
|------------------------------------|---------------------|

| | |
|--|--------------------|
| Previous Scholarship Fund Balance 05/08/2019: | \$ 6,116.79 |
|--|--------------------|

Deposits:

| | |
|---------------|-------------|
| Total: | \$ - |
|---------------|-------------|

Expenses:

| | | |
|--|----------------------|--|
| Eastern Chapter High School Scholarships | \$ (6,000.00) | |
| Total: | \$ (6,000.00) | |

| | |
|--|------------------|
| Total Scholarship Fund Balance: | \$ 116.79 |
|--|------------------|

| | |
|--|---------------------|
| Total Account Balance 08/21/2019: | \$ 33,210.77 |
|--|---------------------|

IMPORTANT CALENDAR EVENTS & OTHER NEWS

Upcoming Events:

Tuesday, September 10th: Eastern Chapter Meeting at Pizza Ranch - Eric Olson from Tencate Geosynthetics will be presenting to us on “Attack the Threat – Moisture”.

September 2019

| Su | M | Tu | W | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

Newsletter Advertisements

are renewed in August for the upcoming year (September to May). Thank you to those who have responded. If you would like to advertise in future newsletters, please contact Abby Nelson at abby.nelson@hdrinc.com or 605-977-7753.



UPCOMING OPPORTUNITY!

The SDES Eastern Chapter Secretary/Treasurer position will be available next year! Ideal candidate would plan to serve a 2-year term.

Contact Lee Kaffar for more information at lee.kaffar@hdrinc.com or 605-782-8121.

SDES GOLF TOURNAMENT GABE LABER, PE

The annual Eastern Chapter Golf Outing was held at the Brandon Municipal Golf Course on July 31st. We had an amazing turnout with 68 golfers participating and 41 hole sponsors. 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 volunteers who deserve special thanks include

Scott Hofer, Andy Berg, Paul Sanow, Jason Reaves, Beth Kassing and Nancy Hoines.

The following are the raffle prize winners. Congratulations to all the winners and I hope to see you next year on August 5th!

– Gabe Laber, SDES Eastern Chapter Event Co-Coordinator

Raffle Prizes:

1. Four Vikings Tickets(Hancock Concrete), Lodging Gift Cert. (Sayre) – Nick Nuttbrock
2. Four Twins Tickets (ACIPCO), Meal Gift Cert. (ADS) – Krista May
3. 100 Gift Cert. (HD Supply Waterworks) – John Osman
4. \$100 Gift Cert. (HR Green) – Dennis Clark
5. Yeti Cooler (Cemcast) – Myron Adam

*Thank you to Nancy Hoines
for the photos!*



SDS GOLF TOURNAMENT GABE LABER, PE



HABITAT FOR HUMANITY KARI JOHNSON, PE



Thank you to everyone who took time out of their busy day to volunteer at our Habitat for Humanity event on July 18. It was a HOT day, but our group of dedicated & typically desk ridden engineers showed up & stuck it out!! With the help of some Habitat for Humanity construction 'guidance', we were able to put siding up and finish practically two sides of a garage for a new home in the northeast area of Sioux Falls!

This volunteer opportunity is a fun & rewarding experience. It's an afternoon of good exercise & it's always fun connecting with other engineers during & after the hard work. We hope to make this an annual event in the future!

Thanks to Al, Paul, Shannon, Matt, Ben, Kent, Shawn & Lance for taking part! - Kari Johnson



THANK YOU



900 East 8th Street • Phone (605) 335-7066 • Stouffville, SD 57103

April 25, 2019

Dear Friends at South Dakota Engineering Society - Eastern,

Thank you for your donation of \$410 designated for food. Without the help of wonderful people like you, we could not continue.

The lives of our guests often become very difficult throughout the year. Many of the daily needs that we tend to take for granted are a struggle for our guests to meet. Those needs may include finding ways to feed their family, paying for rent, heat, medical, and many other miscellaneous bills. Sometimes paychecks do not stretch far enough to meet all of these needs. They are thankful to The Banquet for helping them make it through each day. It is a place of shelter, community, and one where they can receive a nutritional meal—maybe their only meal for that day.

- We are now in our 34th year of being a volunteer feeding ministry. We currently serve 13 meals a week. Each one of these meals is prepared by, paid for, and served by volunteers. Over 1,200 volunteer groups are committed to serving at The Banquet.
- In addition to our feeding ministry, this past year hundreds of volunteers collected, organized and distributed over 6,600 school backpacks to excited kids and extremely grateful parents through The Banquet's Project SOS.
- In February 2014, The Banquet expanded its ministry to a second location. The Banquet now serves a meal every Tuesday and Wednesday evening at The Nordstrom-Johnson building located on the W. H. Lyon Fairgrounds.

This past year our volunteer groups served just under 200,000 meals, over 24,000 of these meals were served to children 12 or younger. Approximately 18,000 gallons of milk were served at The Banquet in 2018.

May God Bless you for your caring support of this ministry.

Sincerely,

Tamara Jerke-Liesinger, Executive Director

** Please accept this letter as your tax receipt. The Banquet is a non-profit 501 (c) (3) organization and no goods or services were exchanged for this contribution nor is The Banquet's list sold or shared with any other agencies*



THANK YOU

Thank you for sponsoring us on our trip to Louisville, KY . Vex Worlds was an amazing experience for us. We had the incredible experience of competing against teams from over 60 different countries. We finished with a record of 6 and 5 during the competition, placing us in 43rd place in our division that had over 90 teams in it. All in all, there were over 190 teams just in the middle school tournament that we were competing in. It was quite the experience!



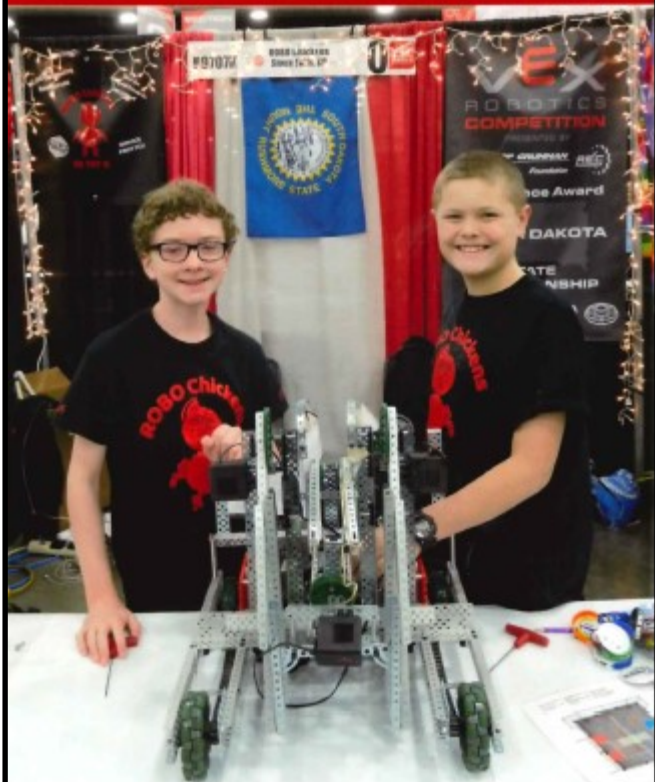
It was really neat for us to get to see all the variety of different robots that each team had designed. We learned a lot about how to better our robot and how to prepare ourselves for a world-class competition in the event that we hopefully make it back again someday. Along with this, there were a lot of challenges including communication with teams that didn't speak the same language as us whom we were paired with and figuring out the best strategy with our alliance.



Thank you so much for your generous support in partnering with us and letting us have this amazing experience. It is one that we will never forget!

-Thomas Butzer
- Sam Newitt

RoboChickens ~ Team 99707K
VEX World Championships ~ April 2019
Thank You For Your Support!



Dear South Dakota
Engineering Society
Thank you so much
for supporting us
on our journey
to the Vex Robotics
World Tournament.
Thomas
Sam

2019-2020 OFFICERS AND CHAIRPERSONS

Officers

| | |
|----------------------------|---------------------|
| President | Krista May, PE |
| President Elect | Ben Scholtz, PE |
| Vice President | Gabe Laber, PE |
| Secretary/Treasurer | Josh Peterson, PE |
| Chapter Director(2nd term) | Riley Rinehart, EI |
| Chapter Director(1st term) | Kari Drake, PE |
| State Director | Devin Clay, PE |
| Past President | Lance Weatherly, PE |

Committees

| | |
|----------------------|-----------------------|
| Nominating Committee | Lee Kaffar, BA |
| Mathcounts | Krista May, PE |
| Scholarship | Lance Mayer, PE |
| Events Coordinators | |
| E-Week | Erin Steever, PE |
| Winter Social | Gabe Laber, PE |
| Golf Outing | Gabe Laber, PE |
| Awards Banquet | Jedidiah Reimnitz, PE |
| Awards | Wes Philips, PE |
| Audio/Visual IT | Chad Stensland, PE |
| Newsletter | Abby Nelson, PE |
| Membership List | Myron Adam, PE |

Eastern Chapter of SDES Goals

- To promote the licensed practice of engineering and to provide learning opportunities that enable licensed engineers to maintain practice competency;*
- To maintain high ethical standards for the practice of engineering and lead the profession in adhering to these principles:*
- To protect the public health, safety, and welfare; while being good stewards of the environment;*
- To incorporate engineering principles and perspectives in government decisions that protect the public; and*
- To consider community service a professional obligation.*

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.

Webex Login Instructions

1. Navigate your internet browser to: <https://sdes.webex.com>
2. Select "Classic View" from the left column.
3. Select "Attend a Meeting"
4. Find the meeting in the "Search Meetings" Section.
5. Click the "Register" link by the Monthly Meeting.
6. Fill in your first name, last name, email address and hit the "Register Now" button at the bottom.
7. A registration email will be sent with all the information to log into the meeting.

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

Abby Nelson, PE
 HDR
 6300 S. Old Village Place, Suite 100
 Sioux Falls, SD 57108-2102
 605-977-7753
 Abby.Nelson@hdrinc.com

For all *State Society* membership information and other business, contact:

Nancy Hoines
 SDES Executive Director
 PO Box 1076
 Pierre, SD 57501
 605-951-1004
 sdengineeringsociety@gmail.com

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