

The Engineering Informer

February 14, 2023

MEMBERS OF THE
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
SDES EASTERN CHAPTER NEWSLETTER
PO BOX 1512 SIOUX FALLS, SD 57101 | WWW.SDES.ORG



INSIDE THIS ISSUE

PRESIDENT'S COLUMN	1
TREASURER'S REPORT	2
UPCOMING EVENTS	3
MONTHLY MEETING	4
E WEEK	5-6
MATHCOUNTS	7
AWARDS BANQUET	8
ANNUAL CONFERENCE	9
NEW MEMBERS	10-11
WEBEX LOGIN	12
ADVERTISEMENTS	13-15

WebEx: In addition to our monthly in-person presentation, the meetings will also be broadcast on WebEx. See pages 4 and 12 of this newsletter for the WebEx log-in information.

WebEx Information will now remain the same from November to May.

WELCOME TO OUR NEW MEMBERS:

Chris Mulholland
Matt Martin
Adam Hutchings

PRESIDENT'S COLUMN

BY JOSHUA PETERSON, PE

Happy Engineers Month! We have so many things planned that we couldn't fit it all into one week.

Erin has organized STEM outreach events at five of the Siouxland Libraries branch locations. If you have an opportunity, take the family and have some science fun!

Tuesday, February 7th (3-4pm) at the Oak View Branch

Tuesday, February 14th (3-4pm) at the Ronning Branch

Friday, February 17th (2-3pm) at the Crooks Branch

Saturday, February 18th (10-11am) at the Prairie West Branch

Saturday, February 25th (9:30-10:30am) at the Downtown

Branch *Note: this is the morning of our Awards Banquet

Tuesday, February 27th (4-5pm) at the Callie Branch

MATHCOUNTS is also coming up on February 23rd. Krista could probably use some more help with the event. If you are interested in helping, please reach out to Krista May at 605-929-0267 or kristam@infrastructuredg.com.

Thanks to Jerry Jongeling with City of Sioux Falls Light & Power for presenting on their 10 year long range plan.

Our next meeting is on February 14th at the 41st Street Pizza Ranch. Harry Johnston with the South Dakota Department of Transportation and Shannon Ausen with the City of Sioux Falls Engineering Division will be presenting on their 2023 construction programs. See you there.

TREASURER'S REPORT

BY SCOTT LAVOY, PE

Previous General Fund Balance 12/28/2022 \$ 19,136.75

Deposits:

None

Total Deposits: _____ \$ -

Expenses:

None

Total Expenses: _____ \$ -

Total General Fund Balance: \$ 19,136.75

Previous Scholarship Fund Balance 12/28/2022 \$ 893.54

Deposits:

None

Total Deposits: _____ \$ -

Expenses:

None

Total Expenses: _____ \$ -

Total Scholarship Fund Balance: \$ 893.54

Total Account Balance 2/1/2023 \$ 20,030.29



UPCOMING EVENTS

- **February 14th, 2023: Eastern Chapter Monthly Meeting IN PERSON at the Pizza Ranch (41st Street Location)**
 - Lunch at 11:30; Meeting starts at noon
- **February 18th, 2023: EWeek 2023 Outreach Event—2nd Annual Mini-Golf Challenge**
- **February 19th—25th, 2023: Engineers Week**
- **February 23rd, 2023: MATHCOUNTS in Sioux Falls**
- **February 25th, 2023: Annual Awards Banquet at Great Shots**
- **March 14th, 2023: Eastern Chapter Monthly Meeting IN PERSON at the Pizza Ranch (41st Street Location)**
 - Lunch at 11:30; Meeting starts at noon
- **April 4th—6th, 2023: SDES Annual Conference in Pierre**

February 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			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				

MONTHLY MEETING

Please join us **in-person** for the monthly Eastern Chapter SDES Meeting at the Pizza Ranch Meeting Room on 41st Street.

Tuesday, February 14th

Lunch starts at 11:30 am and the meeting begins at noon

Harry Johnston with the South Dakota Department of Transportation and Shannon Ausen with the City of Sioux Falls Engineering Division will be presenting on their 2023 construction programs.

We look forward to seeing you in person, but if you'd like to join us virtually via WebEx, please see the information below.

We have set up a recurring meeting for the rest of the year, so the meeting information will stay the same until the end of the year (May 2023). Members can also find the link if they log in to the website and click on Membership Meeting Information under the Members Only item in the left hand menu.

<https://sdes.webex.com/sdes/j.php?MTID=mfa42a8810629c079a645361e2525d136>

Meeting number: 2464 774 4807

Password: ERt323BNuYv

Join by video system

Dial [24647744807@sdes.webex.com](tel:24647744807@sdes.webex.com)

You can also dial 173.243.2.68 and enter your meeting number.

Join by phone

1-650-479-3208 Call-in toll number (US/Canada)

Access code: 246 477 44807

SDES/ASCE JOINT EWEK OUTREACH ACTIVITIES

ERIN STEEVER, PE

EWeek - Are You Ready for a New Kind of Outreach?

Throughout the month of February, SDES and ASCE will be teaming with the Siouxland Libraries and the Rapid City Library for a more traditional STEM outreach event (think bridge building and diverging diamonds!). We have several dates already penciled in at three of the branch locations.

- Tuesday, February 7th (3-4pm) at the Oak View Branch - Completed
- Thursday, February 16th (4-5pm *Mt Time) at the Rapid City Library
- Friday, February 17th (2-3pm) at the Crooks Branch
- Saturday, February 18th (10-11am) at the Prairie West Branch
- Saturday, February 25th (9:30-10:30am) at the Downtown Branch
- Monday, February 27th (4-5pm) at the Caille Branch
- Tuesday, February 28th (3-4pm) at the Ronning Branch
- Saturday, April 29th (10-11am) at the Brandon Branch

All events subject to volunteer fulfillment of 2 volunteers minimum per event. Let's have fun and introduce the kids in our neighborhoods to engineering!

Golfers: If you have an engineering mini-golf hole from last year or you have started thinking about or maybe even constructing a new mini-golf hole for 2023, no fear, we've also been working on a summer min-golf event to celebrate Infrastructure Week in May. The Siouxland Libraries are also interested in teaming with SDES for this event.



SIOUXLAND LIBRARIES



E-WEEK OUTREACH ERIN STEEVER, PE

K-5th

Kids Discover: Engineering



Work together to build a large-scale cable-stayed bridge and build your own bridge with food, presented by the SD Engineering Society and the SD ASCE.

Multiple Times and Locations being offered -

Tuesday, February 7th (3-4pm) - Oak View Branch
 Thursday, February 16th (4-5pm *Mt Time) - Rapid City Library
 Friday, February 17th (2-3pm) - Crooks Branch
 Saturday, February 18th (10-11am) - Prairie West Branch
 Saturday, February 25th (9:30-10:30am) - Downtown Branch
 Monday, February 27th (4-5pm) - Caille Branch
 Tuesday, February 28th (3-4pm) - Ronning Branch
 Saturday, April 29th (10-11am) - Brandon Branch



If an ADA accommodation is needed, please contact the City of Sioux Falls Human Relations Office at 367-8745 or humanrelations@siouxfalls.org at least 72 hours before the event.



MATHCOUNTS

MATHCOUNTS®

Save the Date

When: Thursday, February 23, 2023 at 1:00pm – 6:00pm

Where: Southeast Technical Institute, Sullivan
Health/Science Center, Room HC 257

Who: Middle Schoolers from SE South Dakota

Volunteers are needed to help with the registration table, hand out tests, watch for cheating, grade tests, and keep time. Volunteer Sign-up sheet will be available at January's and February's lunch meetings.

Contact Krista May at
kristam@infrastructuredg.com or 605.929.0267
with questions.

ANNUAL AWARDS BANQUET

JOIN US FOR THE
SDES EASTERN CHAPTER
**ANNUAL AWARDS
BANQUET**

SATURDAY, FEBRUARY 25TH, 2023

Join us in celebrating this year's successes!

Social 5:30pm
Dinner and Awards 6:30pm
Entertainment to Follow: Great Shots Golf

GREAT SHOTS
2505 W Benson Road, Sioux Falls, SD

Dinner Only: \$30/Person
Dinner and Golf: \$60/Person

Register Online at [SDES.org](https://www.sdes.org) by February 10th

ANNUAL CONFERENCE

KELLI BUSCHER, PE

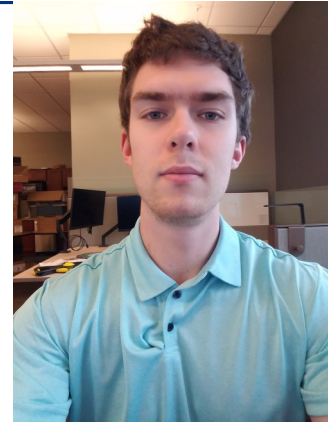
- **Save the Date:** The SDES Annual Conference will be hosted by the SDES Central Chapter in Pierre on April 4-6, 2023. The Conference Planning Committee is looking for great speakers on a wide array of engineering topics. Please reach out to Nancy at the SDES Office (sdengineeringsociety@gmail.com) if you are interested in presenting or have a recommendation for a speaker or topic.



Chris Mulholland**Graduate Engineer, 15 months
with Ulteig**

chris.mulholland@ulteig.com

College and Major:

South Dakota State**B.S. Civil Engineering****Favorite Quote:** “Skim milk is just water pretending to be milk”

I was born in Portage, IN and lived in the state of Indiana until I was 8 years old, when my family moved to southern Minnesota. In high school I ran cross country and track and played basketball 9th through 11th grade. I got 5th place at Sections track meet in 12th grade in the 800m run with time of 2:06, which also won the first heat and it was the last race of my track career.

I went to South Dakota State University from fall 2017 to May 2021. I made lots of friends there and I still keep in touch with many of them currently. I started lifting sophomore year with a couple of my friends and I'm still doing it to this day. I worked at SDDOT in Sioux Falls as materials tester in summer 2019.

I got hired at Ulteig in October 2021 and started working here in November 2021 as a graduate engineer for the municipal team. In free time, I compete in powerlifting competitions and I'm in a bowling league on Tuesday nights at Empire Bowl.

Family: father- Jeff, mother-Martha, sister- Jenny (currently a freshman at UND, studying aviation)**Hometown:** Alden, MN**Favorite Room in My House and Why:** Kitchen—food is there and that is how I have energy to build muscles to become the best powerlifter I can be.**My Normal Breakfast:** 2 Chobani yogurts and 12 oz chocolate Fairlife**Hobbies:** Powerlifting, bowling, disc golf, poker**Favorite TV Show:** The Office or Parks and Rec**What made you want to be an engineer?** I thought roundabouts looked cool and wanted to design them and roads for my job.**Describe a significant event in your career:** Passing FE to become an EIT**Describe a significant event in your personal life:** Benching 315 for the first time at the gym**Describe an achievement from the past year you are proud of:** Squatting 496 pounds at my last powerlifting competition in December**What are you looking forward to in the next year?** Deadlifting 600 lbs**Favorite Place to Visit and Why:** Greece, it looks like a cool place to visit**I hate it when:** I forget to thaw meat out before I go to the gym and come home realizing I forgot to get it out of the freezer**Favorite beverage:** Glacier Freeze Gatorade

Matt Martin

**Project Engineer, 1 Year with
Infrastructure Design Group, Inc.**

MattM@InfrastructureDG.com

**Favorite Quote: “Engineer Doing
Precision Guess Work Based On
Unreliable Data Provided By Those Of
Questionable Knowledge”**

College and Major:

South Dakota State

B.S. Civil Engineering



Family: Twin Brother

My Normal Breakfast: Egg Sandwich with Smashed Avocado

Hobbies: Biking, Hiking, Board Games

Pet Peeve: Friends & Family complaining about roads

Favorite beverage: Green Tea

Favorite TV Show: Scrubs

Favorite Season: Spring

What made you want to be an engineer? I've had an infatuation with infrastructure from a young age. Growing up my parents were in the military causing us to move around quite frequently. My brother and I would often find ourselves riding bikes through half-finished neighborhoods, exploring half-finished houses, dirt piles and other stockpiles in the area. Looking back its was kind of a strange childhood and I'm surprised I never got tetanus.

What do you like best about being an engineer? The ability to design infrastructure that has a positive impact on peoples lives.

2022-2023 OFFICERS AND CHAIRPERSONS

Officers

President	Josh Peterson, PE
President Elect	Devin Clay, PE
Vice President	Riley Rinehart, PE
Secretary/Treasurer	Scott LaVoy, PE
Chapter Director(1st term)	Elizabeth Sobania, EIT
Chapter Director(2nd term)	Kent Ode, PE
State Director	Abby Nelson, PE
Past President	Gabe Laber, PE

Committees

Nominating Committee	Lee Kaffar, BA
Mathcounts	Krista May, PE
Scholarship	Lance Mayer, PE
Events Coordinators	
E-Week	Erin Steever, PE
Winter Social	Kent Ode, PE
Golf Outing	Kent Ode, PE
Awards Banquet	Jedidiah Reimnitz, PE
Awards	Wes Philips, PE
Audio/Visual IT	Chad Stensland, PE
Newsletter	Vani Jain
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

SDES January Monthly Meeting
Meeting available on Webex on
Tuesday, February 14th at Noon
(CST)

Meeting number (access code):
 2464 774 4807

Meeting password:
 ERt323BNuYv

Join from the meeting link:

[Click Here](#)

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

Vani Jain, Water/Wastewater Coordinator
 HDR
 101 S. Phillips Avenue, Suite 401
 Sioux Falls, SD 57104
 605-782-8140
 Vani.Jain@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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