

The Engineering Informer

November 8, 2022

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

NSPE-SD EASTERN CHAPTER
SOUTH DAKOTA
ENGINEERING SOCIETY

INSIDE THIS ISSUE

PRESIDENT'S COLUMN	1
TREASURER'S REPORT	2
UPCOMING EVENTS	3
MONTHLY MEETING	4
SDS SCHOLARSHIP	5-6
ENGINEERING AWARDS	7-8
SAVE THE DATE	9-10
NEW MEMBER	11
WEBEX LOGIN	12
ADVERTISEMENTS	13

WebEx: 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.

WELCOME TO OUR NEW MEMBER

Matthew Schmitz
John Chidiebere Akujobi
Connor Matthies

PRESIDENT'S COLUMN

BY JOSHUA PETERSON

Happy November everybody! Hopefully everyone didn't fill up on Halloween candy and left room for some pizza this Tuesday at Pizza Ranch. The speaker this month is Brian Cooper with McGuire Iron. He will be giving us an overview of their operations. Thanks to Jon Jacobson from confluence for speaking last month about the River Greenway and Jacobson Plaza.

We plan on having a discussion during the business meeting on Tuesday. With our endowment fully funded at SDSU, we have some available budget this year. We would like to get feedback from our members on the potential of funding a couple extra scholarships this year.

Mark your calendars. The winter social is coming up next month and will be at Remedy Brewing again on December 15th.

Erin Steever is also planning some more fun activities for E-Week in February. The mini golf challenge is coming back and we are looking for volunteers to build some new holes for the course. Start drafting your construction plans now!

Welcome to our three new members joining our chapter this month; Matthew Schmitz, John Akujobi, and Connor Matthies. Hope to see them and all of you at the 41st Street Pizza ranch this Tuesday at 11:30 a.m.



TREASURER'S REPORT

BY SCOTT LAVOY, PE

Previous General Fund Balance 10/6/2022 \$ 22,066.07

Deposits:

None

Total Deposits: \$ -

Expenses:

None

Total Expenses: \$ -

Total General Fund Balance: \$ 22,066.07

Previous Scholarship Fund Balance 10/6/2022 \$ 1,005.39

Deposits:

None

Total Deposits: \$ -

Expenses:

None

Total Expenses: \$ -

Total Scholarship Fund Balance: \$ 1,005.39

Total Account Balance 11/1/2022 \$ 23,071.46



UPCOMING EVENTS

- **Eastern Chapter November Monthly Meeting IN PERSON Tuesday, November 8th at Pizza Ranch (41st Street Location)**
 - Brian Cooper with McGuire Iron
 - Lunch at 11:30; Meeting starts at noon
 - WebEx option available; information found in newsletter
- **Winter Social— Thursday, December 15th (*more details to come*)**
- **SAVE THE DATE– MATHCOUNTS, February 23rd, 2023 in Sioux Falls**
- **SAVE THE DATE—SDES Annual Conference, April 4-6, 2023 in Sioux Falls**

November 2021

Su Mo Tu W Th 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	29	30				



December 2021

Su M Tu W Th 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	29	30	31	

MONTHLY MEETING

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

Tuesday, November 8th

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

Brian Cooper with McGuire Iron

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

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 EASTERN CHAPTER: CALL FOR SCHOLARSHIP APPLICANTS

Eastern Chapter Scholarships

High School Seniors

The Eastern Chapter will award \$2000 Engineering Scholarships in 2023. Applicants should be high school seniors and must be planning on attending an engineering program at either South Dakota School of Mines and Technology or South Dakota State University. Applicants must have attended a high school in the [Eastern Chapter area](#). The Eastern Chapter's Scholarship Committee chooses the recipients. The application form may be obtained through the link below. Applications must be mailed and postmarked by January 14, 2023 to be considered. The scholarship recipient is presented with an award at the Chapter's annual Engineering Banquet usually held in mid-February.

[EASTERN CHAPTER HIGH SCHOOL SCHOLARSHIP APPLICATION FORM](#)



SDES EASTERN CHAPTER: CALL FOR SCHOLARSHIP APPLICANTS



EASTERN CHAPTER OF THE
SOUTH DAKOTA ENGINEERING
SOCIETY (SDES)
AND THE
NATIONAL SOCIETY OF
PROFESSIONAL ENGINEERS
(NSPE)

**\$2,000
ENGINEERING SCHOLARSHIPS!!**

ARE YOU A HIGH SCHOOL SENIOR INTERESTED IN
PURSUING A CAREER IN ENGINEERING?

IF YOU ARE:

- A 2023 GRADUATING HIGH SCHOOL SENIOR AND ENROLLING IN A SOUTH DAKOTA ENGINEERING PROGRAM IN THE FALL OF 2023 AT THE SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY OR SOUTH DAKOTA STATE UNIVERSITY.

AND YOU HAVE:

- SHOWN THE ABILITY TO HANDLE RESPONSIBILITY
- HAVE LEADERSHIP SKILLS
- EARN HIGH GRADES & ATTAINED HIGH ACT SCORES

YOU QUALIFY!

THESE SCHOLARSHIPS ARE OFFERED BY THE EASTERN CHAPTER
OF THE

SOUTH DAKOTA ENGINEERING SOCIETY (SDES) www.SDES.org

A STATE SOCIETY OF THE

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS (NSPE)

www.NSPE.org

APPLICATION DEADLINE IS JANUARY 14, 2023

CONTACT YOUR HIGH SCHOOL GUIDANCE COUNSELOR OR
VISIT www.SDES.org FOR AN APPLICATION AND INFORMATION.

ENGINEERING AWARDS

Every year, the Eastern Chapter of SDES presents awards for Young Engineer of the Year, Engineer of the Year and Outstanding Engineering Achievement (Project) at our annual Awards Banquet during Engineer's Week. Nomination forms will be sent out in December and are due in January. Please begin thinking about engineers and projects in the Eastern Chapter that deserve recognition for a job well done! Contact Wes Philips at wphilips@siouxfalls.org or 605-367-8657 with questions.

Award Descriptions

Engineer of the Year

This award recognizes an Eastern Chapter member who has made outstanding contributions to the engineering profession, the public welfare, and/or humankind. The award nominees are judged on education, continuing competence, professional and technical society activities, awards and honors, civic and humanitarian activities, engineering achievements, professional experience, national organizational offices held, activities of unique quality, and any special advisory assignments.

Young Engineer of the Year

This award recognizes a member of the Eastern Chapter who has made outstanding contributions to the engineering profession and their community during the early years of their career. Nominees must be 34 years of age or younger on January 1 of the nominating year to be eligible. The award nominees are judged on education and collegiate achievements, professional society activities, technical society activities, civic and humanitarian activities, continuing competence, and engineering achievement.

Project of the Year (Outstanding Engineering Achievement)

This award acknowledges the accomplishments of the engineering profession. Each year the Eastern Chapter recognizes engineering achievements that have captured the innovative and dynamic spirit of a profession dedicated to public service. The award nominees are judged on application of engineering principles, originality and innovation, complexity, social significance, and economic impact.



**EASTERN CHAPTER
SOUTH DAKOTA
ENGINEERING
SOCIETY**



Prior Award Winners

[On Next Page](#)

ENGINEERING AWARDS: PRIOR AWARD WINNERS

Engineer of the Year	Young Engineer of the Year	Outstanding Engineering Achievement
<p><u>Eastern Chapter</u> 2021: Trent Bruce 2020: Phil Gundvaldson* 2019: Aaron Hartwell 2018: Lance Weatherly* 2017: Wes Phillips 2016: Monty Miller / Joshua Peterson 2015: Jason Kjenstad* 2014: Chad Hanisch* 2013: Allen Rude 2012: Orlin Jibben 2011: Jeff Christensen 2010: Bruce Card <u>SE/NE Chapter</u> 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)</p>	<p><u>Eastern Chapter</u> 2021: Kent Ode 2020: Jesse Morris 2019: Joseph Stonesifer 2018: Krista May* 2017: Jedidiah Reimnitz* 2016: Scott LaVoy 2015: Travis Clark* 2014: Michelle Carter* 2013: Wes Phillips* 2012: Adam Norman* 2011: Brett Runge* 2010: Brad Ludens* <u>SE/NE Chapter</u> 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 / Michelle Burke* 2002: Mark Cotter* / Doug Wessel 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: Dan Norman (SE) 1980: No Award 1979: Mike Bailey (SE) 1978: No Award</p>	<p><u>Eastern Chapter</u> 2021: 8th Street Bridge and Greenway Improvements, Infrastructure Design Group and Main Pump Station, HR Green 2020: Brandon Core Area Reconstruction Phase 1, HDR and I-229/26th Street/Southeastern Avenue/Rotary Park*, HDR 2019: Yankton Collector Well and Water Treatment Plant Expansion, HDR and Arc of Dreams*, Albertson Engineering, Inc. 2018: Dell Rapids Wastewater Treatment Facility Improvements, DGR Engineering and Big Sioux River Flood Information System*, RESPEC 2017: Louise Avenue Reconstruction, HDR 2016: North Rapid Booster Pump Station Project, Bartlett & West and 12th Street Bridge Replacement Project*, HDR 2015: SD Ellsworth Development Authority Regional Wastewater Treatment Facility*, SEH and Link Snacks Inc. Wastewater Pretreatment Facility, Banner Assoc, Inc. 2014: Denny Sanford PREMIER Center*, City of Sioux Falls and Bel Brands Wastewater Pre-Treatment Facility, Banner Assoc, Inc. 2013: Baltic Bridge Replacement*, HDR and I-90/Cliff Avenue Interchange, McLaury Engineering 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 2010: 41st Street Bridge Reconstruction* HDR, Sioux Falls</p> <p>* indicates state award winner</p>



SAVE THE DATE

- **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.
- **Save the date:** 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.



SAVE THE
DATE!

SAVE THE DATE

- [Save the Date](#): Winter Social.





Andrew Klenner

Conagra Brands

Principal Engineer – 8 months

andrew.klenner@conagra.com

College and Major:
 BS : Michigan Tech
 MS : Kansas State –
 Civil Engineering

I Attended Freeman High School, bachelors in CE from Michigan Tech. I worked for Hormel Foods for 12 years, 3 years in Fremont, NE in their manufacturing facility, and the rest at the corporate office in Austin, MN, working on corporate capital projects throughout the U.S.. I Started with Conagra Brands in January as their civil, structural, architectural subject matter expert and allowed us to move back to SD. My Wife is originally from Viborg and recently started working at the Lennox Elementary as a Special Education Aide. We have 3 children: Alaina enjoys singing/volleyball, Madelyn enjoys softball/band, and Nolan enjoys T-ball/fishing. We are all looking forward to moving into our house (eventually) that is under construction in Lennox.

Family: wife Samantha, Alaina (12), Madelyn (10), Nolan (6)

Hometown: Freeman, SD

Job Title and Years With Firm: Principal Engineer – 8 months

Favorite Room in My House and Why: Garage to tinker around

My Normal Breakfast: black coffee

Hobbies: Ice Fishing and home improvement projects

My Best Personality Trait: Listening



Favorite Quote: Hebrews 11:8

Favorite beverage: Ambers or Lagers

Favorite TV Show: Alone

What made you want to be an engineer? Always curious about how things work and make them better

What do you like best about being an engineer? Solving problems

Describe a significant event in your career. Project team on new 300,000 sq ft food manufacturing facility.

Describe an achievement from the past year you are proud of. Accepting new career and moving back to SD

What are you looking forward to in the next year? Moving into our new home!

I hate it when... Things don't go as planned!

Favorite Place to Visit and Why: Northern Michigan to visit my parents and enjoy Lake Superior

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 SDDES 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 November Monthly Meeting

Meeting available on Webex on Tuesday, November 7th 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

Ideas transform
communities



Sioux Falls 605.977.7740

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