

The Engineering Informer

December 12, 2022

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: In addition to our monthly in-person presentation, the meetings will also be broadcast on WebEx.

WELCOME TO OUR NEW MEMBER:

PRESIDENT'S COLUMN

BY JOSHUA PERSON PE

Happy Holidays! I'm writing this not long after I cleared off my sidewalks after our first snow of the season. Typically, I grumble when we get the white stuff on the ground. But this time I'm looking on the bright side because we really needed the moisture. I will be looking forward to a white Christmas this year.

We have a couple of volunteer opportunities for you coming up. Mathcounts is coming up on February 23rd and is a great opportunity to meet future engineers. If you are interested in helping, please reach out to Krista May at 605-929-0267 or kristam@infrastructureedg.com. We are also bringing back the mini golf challenge for E-Week this year. Show off your creativity and construction talents by building a mini golf hole for the event. Please talk with Erin Steever (erin.steever@bartwest.com or 605-373-5915) for more information.

It is also that time of year when we want to recognize the people and the projects that are making an impact on our industry. We are looking for nominations for Young Engineer of the Year, Engineer of the Year, and Outstanding Engineering Achievement awards. Winners will be recognized at our awards banquet in February. If you have someone you'd like to nominate, please reach out to Wes Phillips at wphilips@siouxfalls.org or 605-367-8657.

The annual conference is going to be held in Pierre this year. They have reached out looking for speakers. If you have a great topic you would love to share, please reach out to Nancy (sdengineeringsociety@gmail.com) to let her know you'd be interested in presenting.

Finally, I want to thank Brian Cooper with Maguire Iron for giving us a presentation last month about his company. It's always great to hear about local companies succeeding. This month we won't have a regular lunch meeting. But I hope everybody can make it to the winter social. It is on December 15th starting at 4:30 PM at remedy brewing. Hope to see everybody there!



TREASURER'S REPORT

BY SCOTT LAVOY, PE

Previous General Fund Balance 11/1/2022 \$ 22,066.07

Deposits:

None

Total Deposits: _____ \$ -

Expenses:

SDES Chapter Meeting Expenses \$ (50.50)

Total Expenses: _____ \$ (50.50)

Total General Fund Balance: _____ \$ 22,015.57

Previous Scholarship Fund Balance 11/1/2022 \$ 1,005.39

Deposits:

None

\$ -

Total Deposits: _____ \$ -

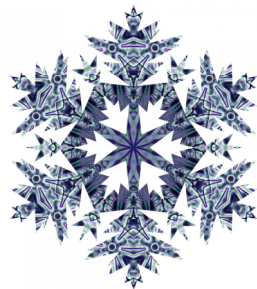
Expenses:

Scholarship Committee Expenses \$ (111.85)

Total Expenses: _____ \$ (111.85)

Total Scholarship Fund Balance: _____ \$ 893.54

Total Account Balance 11/30/2022 _____ \$ 22,909.11



UPCOMING EVENTS

- **NO Eastern Chapter December Monthly Meeting this Month**
- **Winter Social— Winter Social— Thursday, December 15th At Remedy Brewing Company**
- **SAVE THE DATE– MATHCOUNTS, February 23rd, 2023 in Sioux Falls**
- **SAVE THE DATE—SDES Annual Conference, April 4-6, 2023 in Sioux Falls**
- **SAVE THE DATE—E-Week 2023 Outreach Event-2nd Annual Mini-Golf Challenge– February 18th, 2022**

December 2022

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	29	30	31



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 CH
SOUTH DAKOTA
ENGINEERING
SOCIETY**



Prior Award Winners

ENGINEERING AWARDS

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</p> <p><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*</p> <p><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@infrastructureedg.com or 605.929.0267

with questions.



SAVE THE
DATE!

SAVE THE DATE

Save the Date: Winter Social.



SAVE THE DATE

Save the Date: E-Week 2023 Outreach Event: 2nd Annual Mini-Golf Challenge

We're planning on a 2nd Annual Mini-golf Challenge. For those that didn't get your mini-golf hole built last year, here's your chance! Those that did, you can simply re-enter as is or modify what you brought for round 2! The date is yet to be set, however, we're shooting for the long holiday weekend in February again to take advantage of the anticipated higher foot traffic at the mall.

When: February 18, 2023, tentatively set

Where: Sioux Empire Mall, Sioux Falls

What: 1-3 volunteers and an engineering themed portable mini-golf hole

Send your questions and RSVPs to erin.steever@bartwest.com.



CREATING THE FUTURE



Celebrate
amazing engineers
and inspire the
next generation!



DiscoverE.org #Eweek2023

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

No meeting this month.

Hope to see you at the Winter Social!



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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communities



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