



PRESIDENT'S MESSAGE

Fellow SDES Members,

I'm excited to be the new president of the Black Hills Chapter. A big thank you to Rick Bell for your fulfilling your commitment and serving as President over the last year. Second, thank you to Doug Noyes for your work during this last year as the Vice President, Newsletter Editor, sending out invites for all our meetings, and now moving into the position of President Elect. I'd also like to thank and welcome our new Vice President, Rachel Caesar.

I also want to recognize Stacia Slowey for volunteering to serve as our State Director. Stacia served as Past President last year and has been very generous of her time and support of the Black Hills Chapter.

I hope those of you who were able to attend the 59th SDES Annual Conference that took place in Pierre enjoyed the conference and events. Congratulations to the Young Engineer, Engineer, and Project of the Year award winners.

Our next membership meeting will be on May 22th at the Rapid City Library upstairs in Room B. Please join us to hear from Dana Foreman with KJL who will be presenting on the Thunder Valley Community Development Project. Later this year, the BH Chapter will be hosting the Fall PDH Conference, so if you have any suggestions for speaker ideas, theme, or venue ideas, we'd love to hear from you. Tentatively, we are planning on hosting the conference the first week of October in Rapid City. We're also planning to do more outreach and having social events to draw in new members, especially our younger engineers.

Thank you for your interest in SDES.

Brett Belzer, PE

President of the Black Hills Chapter

brett.belzer@respec.com

2018-2019 BLACK HILLS CHAPTER SDES OFFICERS

President: Brett Belzer (brett.belzer@respec.com)
Vice President: Rachel Caesar (rachel.caesar@hdrinc.com)
Past President: Rick Bell (rickbell1206@gmail.com)
President Elect: Doug Noyes (douglasnoyes@gmail.com)
Secretary/Treasure: Chris Bailey (chris.bailey@hdrinc.com)
State Director: Stacia Slowey (stacia.slowey@hdrinc.com)

COMMITTEE CHAIRS

Awards/Recognition: Anne Winckel
Engineer's Week: Kyle Young
MATHCOUNTS: Seth Keene
University Relations: Chris Shearer
Public Relations: Kristen Yates
Scholarship & Endowment: Steve Bareis
Newsletter Editor: Rachel Caesar

UPCOMING EVENTS

May Membership Meeting

When: May 22, 2019
11:30-1:00 PM
Where: Rapid City Public Library
Meeting Room B
Second Floor
Rapid City, SD 57701

This month Dana Foreman will be presenting information about the Regenerative Community Development. The Regenerative Community Development consists of water, sanitary sewer, storm drains, and roadway infrastructure to support 21 single-family homes, a community center, an apartment complex, offices, poultry system & greenhouses, and public/open park & recreation spaces.

Follow the below link to RSVP for the event:
[REGISTRATION](#)

UPCOMINGEVENTS(CONTINUED)

Fundamentals of Engineering and Practice of Engineering Exams:

Registration for the computer-based FE exams is open year-round. The next PE Exam is scheduled for October 25, 2019, at:

Rushmore Plaza Civic Center
444 Mt. Rushmore Rd., North
Rapid City, South Dakota 57701

STEAM Café – Beautiful Minds: Developing Emotionally Intelligent Engineers: At the May STEAM Café, Professor Emeritus Dan Dolan and Kim Osberg, Associate Director of CAMP, will explore how the program helps students develop and grow emotional intelligence in order to become fully realized engineers. Join them Tuesday, May 21 from 6-7PM at Hay Camp Brewery.

GWIS 98th Annual National Conference: SDSMT is hosting the 98th Annual National Conference for Graduate Women in Science (GWIS) on June 20-22. Conference events include a tour of the Sanford Underground Research Facility, speakers on a variety of topics, a workshop in Science Communication, and much more. Find out more by following the link:

[GWIS 98th National Conference](#)

SDSM&T GEOLOGY and GEOLOGICAL Engineering Seminar Series: The SDSM&T Geology and Geological Engineering seminar schedule can be found here: [GGE-Seminars-Workshops-Meetings](#). For more information, please contact Dan Soeder at Dan.Soeder@sdsmt.edu.

SDS BLACK HILLS CHAPTER BOARD MEETINGS: Board meetings are open to everyone. Meeting locations are generally chosen a week prior, so please contact a Board member if you are interested in attending.

TREASURER'S REPORT

(AS OF 23-Apr-19)

Account

Checking: \$10,218.38
Savings: \$7,824.01
CD #1: \$1,091.33
CD #2: \$2,544.31

Scholarships/Donation Schedule

<u>Year</u>	<u>Item</u>	<u>Amount</u>
2018	Youth in Science Scholarships	\$500.00 \$2,000.00
2019	Youth in Science Scholarships	\$500.00 \$2,500.00
2020	Youth in Science Scholarships	\$500.00 \$2,500.00
2021	Youth in Science Scholarships	\$500.00 \$2,500.00
	TOTAL	\$11,500.00

ASCE STUDENT CHAPTER

The SDSMT chapter of ASCE competed in the Regional Conference in Boulder. They won 5th in Canoe and 7th overall. The bridge was disqualified due to deflection. Better luck next year!

MATHCOUNTS

The 1st Place Team in the Black Hills Chapter was Southwest Middle School, with team members Megan Zhu, Luther Busching, Jessica Ketel, and Ethan Meyer, and Coach Crystal McMachen. Megan Zhu was Top Individual for the Black Hills Chapter. Thank you to everyone who has donated time or money to making this year great!

SCHOLARSHIP UPDATE

The Black Hills Chapter will continue to support academics with one \$2500 scholarship in Fall 2019. For more information about the Jody Page Memorial fund, or to make a contribution to the Chapter for scholarships, contact Steve Bareis at stevebareis@hotmail.com.

Thank you to all who have contributed to this program over the years.

SDES BLACK HILLS CHAPTER MEMBERSHIP MEETINGS:

Chapter membership meetings are generally on the third Tuesday of the month (September to May) from 11:30-1:00 (presentation at noon). Please check specific arrangements as meeting dates / locations occasionally due to speaker/room availability, etc.

Have any topic suggestions? We'd love to hear them. Please contact a Board member with your ideas.

SDES 59th ANNUAL CONFERENCE

OUTSTANDING ENGINEERING ACHIEVEMENT AWARD:

Big Sioux River Flood Information System

“In 2016, the State of South Dakota commissioned the development of the Big Sioux River Flood Information System. The Flood Information System is a two-part web platform including access for the public and flood-response teams. The first part is a public site [Big Sioux](#) with access to stream conditions at over 50 locations throughout the Big Sioux River Basin and a library of over 8,000 inundation maps, representing flood scenarios for five different communities. The second part is a site reserved for state and community officials and includes access to real-time flood inundation forecasts. When flood events are predicted, the hydro-logic output is run through models and predicted inundation maps are loaded to the web platform.” – Wes Philips, Eastern Chapter

***CONGRATULATIONS TO THE
59th ANNUAL SDES AWARD WINNERS!***



***Young Engineer
of the Year:***

Krista May



***Outstanding Engineering
Achievement Team:***

Jason Love (RESPECT)

Tim Cowman (SD DENR)

Peter Raush (RESPEC)



Engineer of the Year:

Lance Weatherley

BLACK HILLS CHAPTER NEWSLETTER SPONSORS

Contributions from local consultants, contractors, suppliers, government agencies, and other related companies provide vital funding for our scholarships, MathCounts program, and other worthy activities. Newsletter sponsors go from September to May. Please consider the minimal donation of \$10/month or \$75 for nine months to show your support for the local SDES chapter and get the exposure of your advertisement in the newsletters throughout the next year. If you and/or your company are interested in becoming a Sponsor, please contact Rachel Caesar for payment information and send an electronic version of your ad to rachel.caesar@hdrinc.com. If you do not have an electronic version, we will be able to scan it.

A BIG THANK YOU to all our Sponsors!



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