



PRESIDENT'S MESSAGE

Fellow SDES Members,

Welcome to 2023! I know I am late to the party, but excited for the many things going on with SDES. Hopefully you were able to attend one of our recent monthly luncheons whether that be the Sturgis WRRF, Tower Road, and Rapid City's Wastewater Master Plan. Big thank you to the presenter and especially Rapid City for sponsoring the Wastewater Master Plan luncheon.

The new year also means the Awards Gala is right around the corner! Please join us on February 23rd at the Pearson Alumni Center for good food, great speaker (Tom Johnson with Elevate), and recognition of our members and their projects. That being said, if you have an engineer, young engineer or project that you feel needs to be recognized, please get those applications submitted! Deadline is this Friday, February 3rd. Additionally, SD Mines students please have your scholarship applications turned in by February 3rd. Please contact Erik Walega for awards and scholarship applications.

Also mark your calendars for the following upcoming SDES Black Hills Chapter events and volunteer opportunities:

- February 6th – SDES Winter Meeting, 2 – 5 PM, 610 East Boulevard
- February 6th – SDES Social – 5 PM, Hay Camp Brewery (601 Kansas City) – Come mingle with your SDES Board Members
- February 25th – MATHCOUNTS
- March 14th – Women in Science

Keep an eye on your email for more information and invites as this draws closer.

Lastly, I want to point out the actions being taken by our Executive Director, Nancy Hoines as she continues to fight for the protection of our professional licensure. The Licensure by Endorsement bill (SB76) is ongoing. Be on the lookout for updates and opportunities to reach out to your respective legislators if necessary.

Looking forward to an exciting 2023!

Joe
SDES BH President

Call for 2022 Award Nominations!

Have you worked with any other SDES Black Hills Chapter engineers this past year who continually impress you, day in and day out? If so, give them the recognition they deserve by nominating them for **Engineer of the Year!**

If that person is 34 years of age or younger, nominate them for **Young Engineer of the Year!**

We would also like to recognize outstanding projects that contribute to a human or social need. If you worked on a really interesting project that was completed this year, let us know about it by nominating it for **Project of the Year!**

**2022-2023 BLACK HILLS CHAPTER
SDES OFFICERS**

President: Joe Noble (joe.noble@AE2S.com)
Past President: *Vacant for 2022-2023*
President Elect: Zach Keeney (zkeeney@fmgengineering.com)
Vice President: Erik Walega (erik.walega@respec.com)
Secretary/Treas: Dana Foreman (dana.foreman@kljeng.com)
State Director: Stacia Slowey (stacia.slowey@hdrinc.com)

COMMITTEE CHAIRS

Awards/Recognition: Anne Winckel
MATHCOUNTS: Ericka Amborn
University Relations: Matt Hanley
Public Relations: Amy Hasvold
Scholarship & Endowment: Kyle Hansen
Newsletter Editor: Erik Walega

UPCOMING EVENTS

February 3: 2022 Award Nominations Due!!

Send them to anne.winckel@respec.com

February 6:

SDES State Board Meeting (all members welcome to attend)

When: 2:00 PM – 5:00 PM

Where: AE2S, 610 East Boulevard, Rapid City

Member Social (all members welcome to attend)

When: Following State Board Meeting (5 PM)

Where: Hay Camp Brewing Company, 601 Kansas City Street, Rapid City

February 23: Awards Gala

Presentation Title: Rapid City's Technology Corridor

Keynote Speaker: Tom Johnson, Elevate Rapid City

When: 11:30-1:30

Where: Person Alumni Center, 330 Birch Street, Rapid City

RSVP Deadline: Feb 16

Cost: \$40 for members and non-members, \$20 for students

February 25: MATHCOUNTS

When: 12:00 PM – 4:00 PM

Where: South Dakota Mines

March 14: Women in Science Conference

Where: South Dakota Mines

FUTURE EVENTS OF NOTE

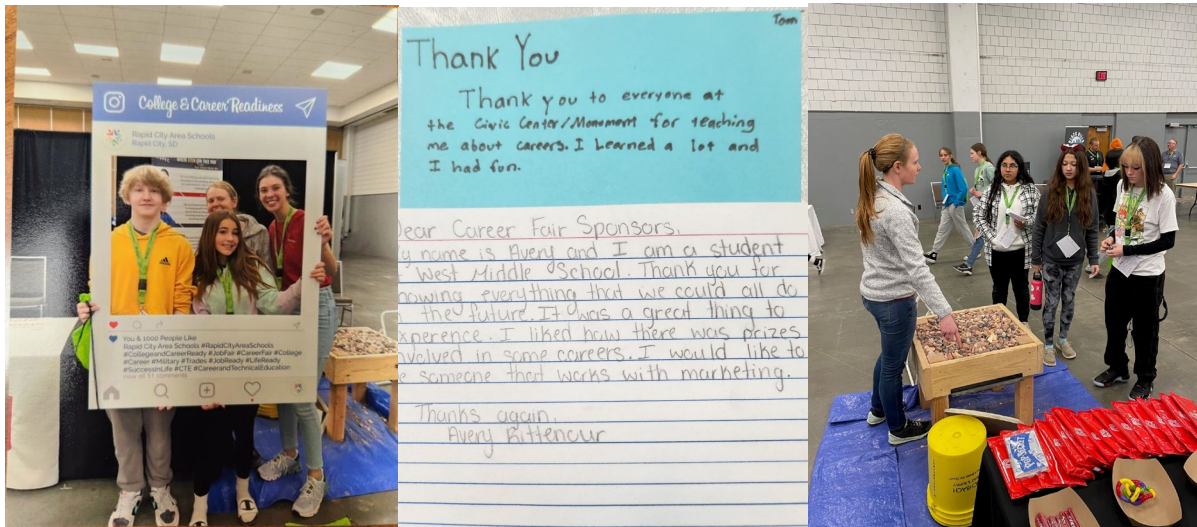
Annual Conference (Pierre) – April 4th-6th, 2023

Women in Science Conference (BHSU) – May 10th, 2023

Black Hills Chapter members 'out-and-about'

Looking to highlight members of our Black Hills Chapter making an impact in our community.

For this newsletter, we highlight two of our members (Anna Nelson and Maggie Sebert) who volunteered at the 8th grade college and career fair. Thanks for being good role models for the youth in our area!



**Members, if you like seeing things like this in the newsletter, send brief summaries and photos of volunteering activities you're participating in or other interest happenings that are relevant to SDES.

SD-FIRST – Seeking Group Tour Opportunities at Local Engineering Businesses

SD-FIRST, which is a scholarship and professional development opportunity at South Dakota Mines for first generation students, is looking for engineering businesses in the area that are open to giving the group a tour – especially businesses that have more than just computers and office-space to show-off! It's 25 students. Contact Matt Hanley at Matthew.Hanley@sdsmt.edu

MATHCOUNTS®

Black Hills Chapter

Problem: Speedy Delivery charges \$20.00 to send a 1-pound package via two-day service and an additional \$2.00 for every 4 ounces of package weight over 1 pound. How much will it cost to ship a package that weighs 3.75 pounds via Speedy Delivery's two-day service?

SDES Black Hills Chapter Welcomes New Members!

Please join us in welcoming the following new members to the Black Hills Chapter:

- *Atreyu Foecking (SD Mines Student)*
- *Jarrett Meyer (SD Mines Student)*
- *Matthew Pomarleau (SD Mines Student)*
- *Charles Davidson (FMG)*
- *Sam Irwin (FMG)*
- *Korder Cropsey (TSP)*
- *Christopher McKillop (HDR)*

Please join us in welcoming an Eastern Chapter transfer:

- *Gunnar Ensz (HDR)*

TREASURER'S REPORT

(AS OF 15-NOVEMBER-2022)

Account

Checking:	\$6,721.02
Savings:	\$7,840.06
CD #1:	\$2,636.17
Endowment:	\$49,520.60

Scholarship/Donation Schedule

Year	Item	Amount
2022	Scholarship	\$2,500.00
2023	Scholarship	\$2,500.00
	TOTAL	\$5,000.00

MATHCOUNTS®

Preparing the Next Generation of Great Engineers

What is MATHCOUNTS?

Math club for middle school students with local, state, and national competitions.

Why is MATHCOUNTS Important?

MATHCOUNTS helps prepare the next generation for success in the STEM workforce by encouraging a love of math with engaging problems and building resilient problem solvers. Stevens High School math teacher and former Black Hills Chapter MATHCOUNTS coordinator Seth Keene said, "It teaches the kids that math is something they CAN do and that it's fun to do. I can tell when a student has been in MATHCOUNTS when they come into my class because they have confidence and stamina in their problem-solving abilities."

How Can You Help?

The Black Hills Chapter event will be on **Saturday February 25th** at SDSM&T from noon – 4pm.

Sponsorship

Many sponsorship opportunities exist. We need generous donors to step up to fund a wide variety of things like:

 <p>Food</p> <p>Sponsor a pre-competition pizza party to help the students celebrate their hard work and get energized to compete</p>	 <p>Awards</p> <p>Purchase trophies for the top placing individuals and teams to celebrate their achievement</p>	 <p>Swag</p> <p>Dust off and donate some give-aways because kids will solve math problems all day to get a cool highlighter.</p>
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VOLUNTEER!

Supporting the competition is an easy way to get involved. It just takes a few hours on a **Saturday** and we'll even feed you! Don't forget to stick around after your volunteer duties are over though to watch students go head-to-head in the count down round. Their problem-solving skills are impressive! Some examples of volunteer roles below.

Graders	No pressure! We give you the answers and a buddy to double check your work!
Proctors	Stare at mathletes and try to look intimidating =)
Registration	Help make sure all the students and teams are signed in and accounted for
Photographer	Help us document the event!

Contact *Ericka Amborn* (EAmborn@ARA.com) for more information, to volunteer, or sponsor the event.

The South Dakota Engineer Newsletter and the SDES Membership Directory

The current issue of The South Dakota Engineer is available at www.sdes.org by clicking on "News". As a reminder, SDES members are invited to submit information for the e-newsletter. The newsletter is distributed September - May. The SDES Membership directory is also available upon request to SDES members only. Send your requests to a Black Hills Chapter Officer for a pdf of the directory. Also, please review your personal information and let a Black Hills Chapter Officer know if your contact information has changed.

SDES Black Hills Chapter Membership Meetings:

Chapter membership meetings are generally the third week of the month (September to May) either during lunch 11:30-1:00 (presentation at noon) or as an early evening tour/social. Please check specific arrangements as meeting dates / locations vary due to speaker/room availability, etc. **Have any topic suggestions? We'd love to hear them. Please contact a Board member with your ideas.**

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. Ads may be business card size (up to 2 3/4" H x 3 1/2" W, maximum), B&W or color, your choice. If you and/or your company are interested in becoming a Sponsor, please visit the SDES website and register at South Dakota Engineering Society - 2022-23 SDES Black Hills Chapter Newsletter Sponsorship or contact erik.walega@respec.com.

MATHCOUNTS PROBLEM SOLUTION: Since 1 pound is included in the initial \$20.00, Cornelius' mom will be charged the \$2.00 per 4-ounce average rate for 3.75 pounds - 1 pound = 2.75 pounds. The 2.75 pounds is equivalent to 2.75 pounds x 16 ounces/pound = 44 ounces and will result in 44 ounces x \$2.00/4 ounces = \$22.00 in average charges. Thus, the total cost to ship the package via Speedy Delivery's two-day service will be \$20.00 + \$22.00 = \$42.00.

2023 ENGINEERS WEEK AWARDS GALA

Thursday, February 23, 11:30–1:30

Pearson Alumni & Conference Center
330 East Kansas City Street, Rapid City, SD 57701

RAPID CITY'S INNOVATION DISTRICT

Keynote Speaker: Tom Johnson, Elevate Rapid City

Innovation districts are an urban model emerging in the United States where leading-edge institutions and companies connect with start-ups and business incubators.

Hear how city, business, and university leaders in Rapid City are creating our own innovation district. The corridor, envisioned in 2016, encompasses the area east of 5th Street between Omaha Street and the hills to the south. The district is growing in engineering and high-tech businesses that provide tech industry jobs.

Tom Johnson is President and CEO of Elevate Rapid City. He has significant experience in New Market Tax Credits, business valuation, and workforce development. Tom has a bachelor's in English literature from the University of Wyoming and a Master's in Finance and Accounting from Regis University.

Questions

sdengineeringsociety@gmail.com

Awards

- Project of the Year
- Engineer of the Year
- Young Engineer of the Year
- Jody Page Leadership Scholarship

Details

- \$40 for SDES members and non-members
- \$20 for students

RSVP by February 19

- www.sdes.wildapricot.org/event-5150975

