



PRESIDENT'S MESSAGE

Fellow SDES Members,

In this Thanksgiving season, I want to take a moment and thank you all. First and foremost, I am so thankful for everyone making the society and especially the Black Hills Chapter the outstanding professional organization that it is. I was wonderful seeing everyone who could make it out to the Lunch and Learn on the November 10th. Great to have the ability to be back in person and network with other professionals in the Black Hills. Big thanks to Dustin Dale with AE2S and his presentation on the City of Sturgis Water Resource Recovery Facility. Very cool project and quite the first for the state! I also want to thank the board and committee chair who coordinating the lunch and previous events for our members.

After the turkey has worn off, look forward to seeing you all again at our next luncheon on December 8th. Should be another great presentation on the Tower Road Project. Additionally, start thinking about those Engineers, Young Engineers, and projects that you want to submit for the 2022 awards. Nomination applications will start to be accepted before we know it. For our student members, be on the lookout for the scholarship applications. The application will be available soon.

Lastly, please take the time to look at our upcoming volunteer opportunities. One of the most impactful contributions we can give is our time and knowledge to those future engineers! Whether it be Women in Science or MATHCOUNTS; any availability you can provide would be greatly appreciated.

Everyone have a safe and wonderful Thanksgiving. Will see you all on December 8th!

Joe



MATHCOUNTS®

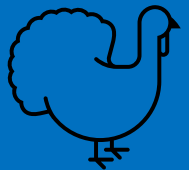
Black Hills Chapter

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

December 8: December Membership Meeting

Topic: Tower Road Stabilization Project
When: 11:30 AM – 1:00 PM
Where: Rapid City Public Library

FUTURE EVENTS OF NOTE

Awards Gala (SD Mines)– February 23rd, 2023
MATHCOUNTS (SD Mines) – February 25th, 2023 (volunteers needed)
Women in Science Conference (SD Mines) – March 14th, 2023
Annual Conference (Pierre) – April 4th-6th, 2023
Women in Science Conference (Spearfish) – May 2023

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.*

For Thanksgiving dessert, Mrs. Zappone baked an incredible homemade apple pie. Eight equal slices (sectors) of the round pie are cut and one piece is distributed to each person at dinner. After this is done, there is exactly $\frac{1}{3}$ of the pie left. How many degrees are in the central angle of each person's slice of pie?

MATHCOUNTS®

Black Hills Chapter

- SDES Black Hills Chapter sponsors MATHCOUNTS Competition for Middle School Students
- 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.
- Planning Committee and Day-Of Volunteers Needed!
- Contact: Ericka to volunteer - Eamborn@ara.com



MATHCOUNTS PROBLEM SOLUTION: Since there is $1/3$ of the pie left, that means $2/3$ of the pie was cut into eight equal pieces. A sector that is two-thirds of a round pie has a central angle measure of $(2/3)(360) = 240$ degrees. Split evenly between eight pieces of pie, this would make the central angle of each person's slice of pie 30 degrees.



Call for 2022 Award Nominees!

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!**

Applications for chapter awards will be available late November. Keep your eye out!

SDES Black Hills Chapter Welcomes New Members!

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

- *Caleb Henderson (SD Mines Student)*
- *Terrance Life (SD Mines Student)*
- *Christopher McKillop (HDR)*
- *Cindie Kirby (RESPEC)*
- *Maggie Sebert (RESPEC)*
- *Anna Nelson (RESPEC)*
- *Morghan Hurst (RESPEC)*

Please join us in welcoming back:

- *Sigurds Zvejnieks (RESPEC)*

Black Hills Chapter Newsletter Sponsors

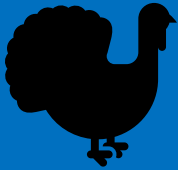
Contributions from local consultants, contractors, suppliers, government agencies, and other related companies provide vital funding for our scholarships, MATHCOUNTS program, and other worthy activities. Newsletter sponsors go from September to May. Please consider the minimal donation of \$10/month 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 at erik.walega@respec.com.

TREASURER'S REPORT

(AS OF 15-NOVEMBER-2022)

Account

Checking: \$6,630.46
 Savings: \$7,839.39
 CD #1: \$2,635.06
 Endowment: \$45,700.98



Scholarship/Donation Schedule

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

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

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.