

November 2021
Newsletter

South Dakota Engineering Society

Black Hills Chapter

PRESIDENT'S MESSAGE

Thanks to a host of private and company donations to our scholarship fundraiser, our endowment fund total is currently at **\$46,323.73**. We are coming closer to having a self-sustaining scholarship fund.

Ericka Amborn, Senior Engineer from Applied Research Associates, has stepped in as the Black Hills MATHCOUNTS Coordinator. We're deeply appreciative of all that Seth Keene has done in this role, and so excited to see where Ericka's leadership will take us. MATHCOUNTS recently announced that the chapter competitions will be held virtually on February 17th, which provides an opportunity for the chapter to hold a fun, non-competitive event on January 29th. MATHCOUNTS is an important gateway to keep math-loving kids engaged in education that later leads to successful engineers, so your involvement through volunteering and monetary or swag donations is a concrete way to support new generations of engineers.

The City of Rapid City Air Quality Board has a vacancy for the Engineering Representative position. Applicants must have an engineering degree from an accredited college or university. Engineers who are interested can apply by filling out a Citizen Interest Application by 5pm on November 12th.

Finally, please check out announcements for community events and opportunities to volunteer. Stay tuned for upcoming socials, which will be announced via email.

Sincerely,

Rachel Caesar

2021-2022 BLACK HILLS CHAPTER SDES OFFICERS

President: Rachel Caesar (Rachel.Caesar@hdrinc.com)
Past President: Doug Noyes (douglasnoyes@gmail.com)
President Elect: Joe Noble (Joe.Noble@AE2S.com)
Vice President: Zach Keeney (zkeeney@imgengineering.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: Zach Keeney

Call for 2021 Award Nominees!

Have you worked with someone this past year that continues to 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!

If you have any questions, please direct them to anne.winckel@respec.com.

TREASURER'S REPORT (As of November 8th, 2021)

Account

Endowment: \$46,323.73

Scholarship/Donation Schedule

Year	Item	Amount
2021	Youth in Science	\$500.00
2021	Scholarship	\$2,500.00
TOTAL		\$3,000.00

Scholarship Endowment Fundraising

We want to take this opportunity to thank those that made fundraising for the scholarship endowment a huge success! As a reminder, each year the Black Hills Chapter awards the Jody Page Leadership Scholarships (1-\$2,000/1-\$500). Recipients of these scholarships must be returning students to the South Dakota School of Mines and Technology and pursuing an engineering degree. Through a combination of private and corporate donations we were able to reach our goal of raising **\$5,000!** If you contributed to the endowment fund, Thank You! If you haven't given to the fund but would still like to contribute reach out to Kyle Hansen at

khansen@fmgengineering.com.

Thank You Again to the **\$500** Contributors!



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Thank You HDR for the **\$1,000** Contribution!



Thank You RESPEC for the Generous **\$2,500** Contribution!



Thank You Black Hills Area Community Foundation!

The Black Hills Area Community Foundation matched 25% of the funds contributed to the endowment fund. Thank you again Black Hills Area Community Foundation!



Scholarship applications for the BH, Eastern and Central Chapter scholarships can be found on the SDES website at <http://www.sdes.org/page-1279270>

For more information about the Jody Page Memorial fund, or to make a contribution to the Chapter for scholarships, contact Kyle Hansen at

khansen@fmgengineering.com.

MATHCOUNTS

A big thank you to Ericka Amborn for taking over the role of the MATHCOUNTS Co-ordinator. For any questions regarding MATHCOUNTS or if you are interested in volunteering at an event please contact Ericka at EAmborn@ARA.com.

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 January 29th** at SDSM&T from 12 – 3.

Sponsorship

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

		
Food	Awards	Swag
Host a pizza party to help the students celebrate all of their hardwork and get energized to compete	We purchase trophies for the top placing individuals and teams to celebrate their achievement	Dust off and donate some give-aways because kids will solve math problems all day to get a cool highlighter.



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

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

OUTREACH OPPORTUNITIES

If you are interested in volunteering at an upcoming local STEM outreach event, please contact the event host directly or contact Amy Hasvold at Amy.Hasvold@RESPEC.com for more information or additional ways to get involved.



Rapid City Area Schools is excitedly gearing up for the 2021 8th Grade College and Career Fair on Friday, November 19 sponsored by Black Hills State University and Black Hills Energy. They are looking for partners to have a booth, provide swag, and meet all 1,200 area 8th grade students! Don't worry—they will come in shifts of approximately 200-250 at a time! **If you'd like to participate in this exciting event, please complete this form: <https://forms.office.com/r/URNPy7yECc>.**

What: 8th Grade College and Career Fair

When: Friday, November 19, 2021

7:00 – 8:00am: Setup

8:00am: Welcome and Vendor Meeting

8:30am – 2:30pm: 8th Grade College and Career Fair

Lunch will be provided for all vendors

Where: Black Hills State University, Rapid City Campus (located at 4300 Cheyenne Boulevard)

Why: Career and College Exploration raises awareness about the importance of college, connects students with many different professions, gives community partners a chance to share their expertise with students, and motivates and encourages young people to stay engaged and focused on appropriate career and educational pathways. We are looking to create a fun, interactive way for 8th grade students to develop their professional network and to explore various college and career readiness paths.

Contact: Lily Bruckner
College and Career Readiness Manager
605.394.6986
Lillian.Bruckner@k12.sd.us

If you are interested in volunteering at this event but cannot commit to hosting your own booth or staying the entire day, consider volunteering at South Dakota Engineering Society's booth. We will do all the planning; you just need to show up and lend a hand that day! Please reach out to Amy.Hasvold@respec.com to sign up.

WELCOME NEW MEMBERS!

The Black Hills Chapter would like to recognize the following new members:

- Nicole Lecy
- Erik Walega
- Jeremy Schnell
- Jessica Peterson

If you know an engineer not currently a member encourage them to JOIN! For more information about becoming a member contact Nancy Hoines at sdengineeringsociety@gmail.com.

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 per 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), B&W or color, your choice. If you and/or your company are interested in becoming a Sponsor, please contact Zach Keeney for payment information and send an electronic version of your ad to zkeeney@fmgengineering.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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