



BLACK HILLS CHAPTER

Society of Explosives Engineers

Winter 2024
Fourth Quarter

Fire in the Hole Scroll

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Chapter Dates to Remember:

January 17 —
BH Chapter Meeting & Elections in Rapid City

January 21-26 —
ISEE's Conference on Explosives & Blasting in Cherokee, NC

April 23-25 —
Best in the West Conference in Spearfish



Merry
CHRISTMAS

AND HAVE A
HAPPY NEW YEAR!

As we wrap up another wonderful year, we want to extend our warmest wishes to our chapter members, friends, and supporters. May your holidays be filled with joy, peace, and a touch of *explosive* energy for the year ahead!

Thank you for being a part of our community. Here's to a safe, successful, and groundbreaking 2025! Stay safe and stay inspired!

From the Black Hills Chapter of ISEE

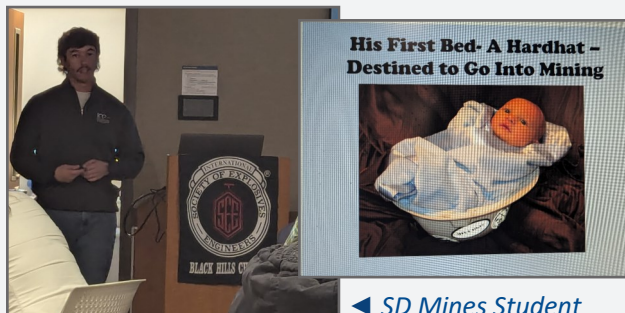
Recap of the November BH Chapter Meeting

A total of 30 people attended the Black Hills Chapter meeting on Friday, 22 November 2024, at the Pearson Alumni Center on the SDSM&T campus. Of the 30 individuals present, the student attendance accounted for over one-half of the attendees with a headcount of 16. Two faculty members were present, along with one guest and 11 individuals from industry.

Nelson Brothers sponsored the meeting with a variety of sandwiches from Jersey Mike's and an assortment of beverages. Nothing went to waste as all the leftovers went home with several hungry students. Following the social hour, the regular meeting continued a run-down of the agenda for the chapter business.



Attendees were reminded that the next chapter meeting will also be held at the SDSM&T – Pearson Alumni Center on Friday, 17 January beginning with a social hour at 6:00 PM. A review of the dates for the National Conference and the venue was mentioned, as well as the dates for the Best in the West Conference. Students were advised that scholarship applications for National were out already and that scholarship applications for the Best in the West Conference would be coming out after the Christmas holiday break.



◀ SD Mines Student

Alex Bolduc spoke at the chapter meeting about his internship. Per one of his presentation slides, he was "destined to go into mining."

Two speakers made presentations at the meeting. **Alex Bolduc** spoke of his recent internship experiences with Buckley Powder and **Mark Bowron** spoke of his experiences at the Climax Moly mine focusing on the adventures of Hang-Up Men. Both presentations were well-received and captured the interest of all attendees.



◀ *Thanks to SD Mines for providing the beautiful meeting space and great speakers!*

Following the conclusion of the presentations, all attendees were reminded to keep any special or unusual projects in mind for future

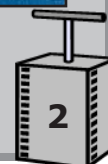
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"It's all fun and games 'til Santa checks the naughty list." – Unknown

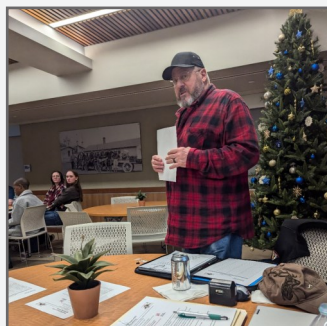


Continued: BHC November Meeting Recap

presentation topics or for newsletter articles. Additionally, we solicited the help of volunteers to lend a hand with making a trip up into the Galena area for sorting, securing, and boxing more of Joe Wood’s possessions.

Two students deserve notable recognition for giving up a good chunk of their Saturday to drive up to Galena and helping to wrap up sorting through his belongings at Joe’s Galena cabin and shop. Here is a special “Thank You” that goes out to **Grayson Caricofe** and **Hunter Barnhart**.

For folks that were unable to attend, you missed a couple of great presentations! We are sorry that we missed you, and we surely hope to see you at our next meeting on Friday, 17 January 2025!



◀ *Black Hills Chapter President Darcey Baker passes along important information at the chapter meeting.*



▶ *The excellent student turn-out at the meeting. Happy to have them!*

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BHC January Meeting

Friday, January 17th, 2025

SD Mines Pearson Alumni Center
330 E Kansas City Street
Rapid City, SD 57701

6:00 pm—Social Hour

*Sponsored by
Buckley Powder*

7:00 pm—Chapter meeting,
elections, and speakers



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NOMIS
SEISMOGRAPHS

“Christmas: the only time of year you can sit in front of a dead tree eating candy out of socks.” – Unknown





Registration for BITW Now Open

It's time! **Registration is now open** for the 36th Annual Best in the West Drill and Blast Conference. It will be **April 23-25, 2025** at the Spearfish Holiday Inn Convention Center in Spearfish, South Dakota. Are you ready?! [Register now](https://bitwconference.org) or go to bitwconference.org.

CONFERENCE REGISTRATION

Register online at <https://bitwconference.org/> or download and print the forms at <https://bitwconference.org/links.html>.

Additional activities during the conference include the trap shoot, golf scramble, and the Crazy Horse Mountain Tour.

HOTEL RESERVATIONS

Hotel reservations can be made online at www.holiday-inn.com/spearfishsd using **Group Code "BIW"**, or you can call the Spearfish Holiday Inn to make reservations at (605) 642-4683 and mention "**explosives engineers**" or "**BITW**".

EXHIBIT OR SPONSOR

Consider exhibiting or sponsoring at the BITW! Profits are reinvested back into the promotion and perpetuation of the explosives and mineral industries in student scholarships, student chapter dues, and other assistance.

QUESTIONS

For more information or questions, contact James McNulty at (605) 786-4959 or bitwconference@gmail.com; or Paul Sterk at (405) 850-2263 or sterk@rushmore.com.

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What's Happening

Reports & News From Around the Industry

Students from SD Mines Take Field Trip to Pete Lien's Blackhawk Quarry

In October, Dr. Andrea Brickey took a group of students from the Introduction to Explosives Engineering class at South Dakota Mines to the Pete Lien's Blackhawk Quarry.

The team at the quarry shared their expertise and experiences with the students and provided a great opportunity to see what they have been learning in the classroom in action.

The students and Dr. Brickey send a big thanks to Adam and Devin for letting the students observe them loading and setting up the shot and to Jason Schneider, and Darcey Baker for sharing their knowledge and experiences in effective and efficient blasting.

It was a great experience all around!



Training Opportunities From WY DEQ-LQD

WY Blaster Certification Class in Salt Lake City, UT— January 14-16

Wyoming DEQ will hold a Blaster Certification class January 14-16, 2025 at the Best Western Plus Cotton Tree Inn, 10695 S Auto Mall Dr, Sandy, UT 84070. Please contact Reo Barney at reo.barney@wyo.gov or (307) 675-5612 to register.

WY Blaster Certification Class in Gillette, WY—March 25-27

Wyoming DEQ will hold a Blaster Certification Training Course and Blasting Exam in March 2025. Please contact Reo Barney at by email at reo.barney@wyo.gov or at (307) 675-5612 to register and confirm the number of people attending.



Webinars for BCEH Program

Wyoming DEQ-LQD has hosted a series of webinars that were previously recorded and can be used for up to 16 Blaster Continuing Education Hours (BCEH).

There is no charge for the webinars and they are available to blasters outside of Wyoming.

For additional information, visit the Blasting webpage at <http://deq.wyoming.gov/lqd/coal/resources/blasting/> The Affidavit of Attendance must be completed in order to receive BCEH. Multiple blasters and multiple webinars can be placed on the same Affidavit of Attendance.



Transportation of Explosive-Related Products

Reminders from the MSHA website, with a few additional comments.

Some of you may recall days of transporting explosive products in your blasting pickup to and from a job site. Typically, the inventory is reconciled at the start of the day and at the end of the day. This is a reminder especially at the end of the day to reconcile the initiation system products prior to leaving the job site to ensure accountability for the use of all products and to ensure all unused products are returned to the original shipping boxes.

My experience has seen cases where a booster is placed on a bulk truck fender and rolls behind a hydraulic control, or a surface connector was placed in a coveralls pocket and forgot about until after the accessory truck left. The days when we might have considered to carry an extra electric starter cap in our pickup glove box should be only in memory and not practice.

It's good for everyone to help our team members follow safe blasting practices and transportation of blasting products is a part of these required practices.

TRANSPORTING EXPLOSIVES

ALWAYS transport explosives to the blast site in a timely manner.

NEVER transport detonators with other explosives.

ALWAYS maintain vehicles used to carry explosives in good condition. Make sure that the cargo space in the vehicle is properly maintained and complies with appropriate requirements.

ALWAYS make sure the vehicle used to carry explosives is equipped with appropriate fire extinguishers or a fire suppression system. Check to see that fire extinguishers are charged and accessible.

NEVER carry passengers when transporting explosives.

NEVER transport explosives with other sparking materials.



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"The worst gift is a fruitcake. There is only one fruitcake in the entire world, and people keep sending it to each other." –Johnny Carson

Black Hills Chapter Membership Forms

Great things are happening in the Black Hills Chapter ISEE and we invite you to become a member! **Mail this completed application and payment** to Black Hills Chapter ISEE, 3213 W Main #140, Rapid City, SD 57702 **OR complete and pay online** at <https://mcnultyjamesd.wufoo.com/forms/black-hills-chapter-isee-annual-membeship/>

Individual Membership for BHC ISEE — 2025 Dues *

NAME (Please Print) _____

COMPANY _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ E-MAIL _____

MEMBER STATUS: (Check One) Associate Full National ISEE # _____

Local Dues - \$25 per year Students - Free

Corporate Membership for BHC ISEE — 2025 Dues *

COMPANY _____

AUTHORIZING PERSON & TITLE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____ PHONE _____

Please attach a sheet with the names, addresses and e-mail addresses of each person to be included in Corporate Membership.

<u>Members</u>	<u>Annual Dues</u>
0-10	\$200
11-20	\$300
21 or more	\$500

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Habits to Make You Happier

By Matt Gray, found online at <https://www.linkedin.com/in/mattgray1/>

10 Habits That Will Make You Happier Than 98% of People:

① Take Care of Your Health

Your health = Your wealth

- * Mind - meditate
- * Body - exercise daily
- * Soul - Cultivate meaningful relationships

② Give Sincere Appreciation

Practicing gratitude always helps us by putting problems into perspective. Gratitude turns what we have into enough.

③ Write Daily

Journaling became my therapy. I explored my passions & calling. It's a tool for clarity, creativity, and personal growth.

④ Reduce Your Wants

Happiness ≠ external objects
Happiness = internal fulfillment
The fewer things you need, the more freedom you have.

⑤ Don't Compare Yourself to Others

Be 1% better today.
Your only competition is yesterday's version of yourself.

⑥ Prioritize Growth

Small daily improvements compound into massive yearly gains.

$$(1.01)^{365} = 37.7$$

⑦ Choose Optimism

Optimism it's a strategic advantage.

- * Attract the right people
- * Increase commitment to your goals
- * Change your mindset around mistakes

⑧ Ignore the Non-essential

Say no to distractions and focus. Learn to define your one big target. Saying no to the good lets you say yes to the great.

⑨ Pay it Forward


Random acts of kindness boosts well-being. The waves of positivity you send into the world always ripple back to you.

⑩ Constantly Read

Books give you access to the:

- * Stories
- * Thoughts
- * Philosophies of those who came before you.

Want my habits checklist? Follow Matt Gray

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Join the free Founder OS newsletter (link in bio)

Become a BHC Newsletter Sponsor

Like what you see in this newsletter? You have the opportunity to help sponsor it by placing your business card in this quarterly newsletter!

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- All business cards will be printed in full color. The size is 2" tall by 3.5" wide.
- Preferred formats for submission include JPG, GIF, or TIF. Please save as high-resolution with all fonts and images embedded. Email to carriej@sayreassociates.com.
- Your support means a lot to us! Thanks for considering!



Black Hills Chapter Contacts

Here are the 2024-2025 Black Hills Chapter Officers and Board of Directors. If you have any questions, comments or concerns, please contact one of these members. Your suggestions are greatly appreciated.

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