



Health and Safety Minute

Winter weather can bring additional safety hazards. MSHA has several recommendations to improve safety during winter months.

Examinations are your first line of defense

- Check highwalls, benches, and roadways, especially after each rain, freeze or thaw
- Examine equipment for exhaust leaks
- Maintain equipment to operate safely in winter weather

Roadways

- Remove snow and ice
- Allow ample space between vehicles
- Slow down and be patient

Walkways

- Keep clear of ice and snow
- Apply sand to maintain traction
- Wear foot gear that grips.

Section Chair Report

I am pleased to announce our Happy Hour event co-sponsored with Mining 4 Beer was a smash! We had a large turnout and we received great feedback. Thank you to Mining 4 Beer for co-sponsoring and allowing us to share such a great event.

This month we will be returning to our usual approach and have a meeting this February at Rock Bottom Brewery in Denver where Jamey Turner of Tetra Tech will be presenting on geophysical mine void characterization for abandoned mines! We hope to see you there!

We are also considering using Eventbrite for our future SME meetings. We used it with Mining 4 Beer and thought it was a really great, easy to use platform. We would appreciate your feedback! The Colorado Section Board is here to serve you, so do not hesitate to reach out!

I look forward to seeing you all this month!

Jessica

Colorado Section Meeting

Rock Bottom Brewery Downtown
1001 16th Street, #A-100
Denver, CO 80265

**Thursday February 15th
11:30 AM – 1:00 PM**

Jamey Turner of Tetra Tech will present “Integrated Geophysical Mine Void Characterization for Abandoned Mine Remediation in the PRB”

Mr. Turner has twelve years of professional experience performing geological, geohazard, and applied geophysical investigations integrating a variety of techniques. His project experience includes mine and karst void imaging, critical structure site characterization, ground motion studies, dam and nuclear power foundation design inputs, and neotectonic fault activity characterization. He holds a Bachelors degree in Geology and a Masters degree in Geoscience from Auburn University, and began working at Tetra Tech last July.

Lunch Cost: \$35 per person. Students welcome at \$15 per person with reservation.

GRADUATE AND UNDERGRADUATE SCHOLARSHIP APPLICATION

The graduate and undergraduate scholarship application process is now open. SME Colorado Section is looking to support graduate undergraduate students who currently work in, or intend to enter the mineral extraction or mining industry. The requirements for an SME Colorado Section undergraduate scholarship include:

- Mineral industry career goals (mining engineering, mining-applied civil/environmental engineering, metallurgy, economic geology, geochemistry, and hydrogeology)
- Undergraduates – must be a Junior or Senior for the 2018-2019 academic year,
- Undergraduates - Minimum cumulative graduate-level grade point average (GPA) of 2.0;
- Graduates - Admitted to a Masters or PhD level graduate program for the 2018-2019 academic year,
- Graduates - Minimum cumulative graduate-level grade point average (GPA) of 3.0, (minimum 2.75 GPA for newly in-coming students);
- Good communications skills as demonstrated in the application and during an interview, and
- Must be a Member of SME national (www.smenet.org, membership in your student chapter is strongly encouraged if one is available at the college/university being attended)

You must forward a current copy of your transcript along with any additional requested information to Richard A. Schwering at rschwering@hardrock-consulting.com. If you have any questions, please contact Mr. Schwering by e-mail or by phone at (720)-448-6484.

Fine Print

- Finalists will be contacted by a member of the scholarship committee to schedule a mandatory interview.
- Disbursement of funds to scholarship recipients requires proof of enrollment in the fall of 2018 and again in early 2019, and a continued focus on the mineral or mining industry.
- Incomplete or late applications will be considered ineligible.

DEADLINE: March 16, 2018

Please follow the links below to apply for the SME 2018/2019 Graduate and Undergraduate Scholarships.

<https://www.surveymonkey.com/r/X7N8SJ7> Graduate Scholarship

<https://www.surveymonkey.com/r/X757QJT> Undergraduate Scholarship



We want to hear from the Colorado SME Members!

Do you have ideas or suggestions for meeting topics/speakers/locations or other events you wish to share with your local chapter? We want to hear from you! The feedback will be used to evaluate the experiences of our members and direct the future of the meetings. Please use the contact information below to let us know how we can better serve you as a Colorado SME Member.

SME Colorado Section Membership Renewal Reminder

If you have not done so already, please take this opportunity to sign-up for or renew your SME Colorado Section membership for the 2017-2018 year.

How to join or renew:

Online: Credit card payments can be made online by visiting our website and selecting the 2017-2018 SME Colorado Section Dues link under the Our Events heading.

<http://community.smenet.org/colorado/events/>

Mail: Check payments of \$25 payable to *SME Colorado Section* mailed to Tem Tumurbat – SME Colorado Section Treasurer, 1400 16th St Suite 200, Denver, CO 80202-1471.

Why you should renew:

The section dues that we collect are vital to our ability to continue our programs. Our Section's focus is on advocating for our profession and industry here in our region. Some of the things that your Colorado Section dues help us to provide are scholarships for college students, majoring in mining disciplines; support for the Colorado State Science & Engineering Fair; provide teaching materials and perform outreach to Colorado science teachers through their State association, sponsorship for K-12 teachers participating in the *All About Mining – A Total Concept of the Mining Industry* course, and help support the Colorado Mining Museum and the National Mining Hall of Fame. So, by supporting the SME Colorado Section, you are directly supporting and advocating for your profession.

Upcoming Meetings

Section meetings are typically planned for the third Thursday of the month. Tentative dates and locations for 2016-2017 meetings are:

February 15, 2018 – Lunch at Rock Bottom Brewery, Denver

March 15, 2018 – Lunch at Landry's in DTC

April 19, 2018 – TBD Dinner in Golden

May 17, 2018 – TBD Dinner in Denver

Monthly Meeting RSVP

Lunch Cost: \$35 per person. Students welcome at \$15 per person with reservation.

Dinner Cost: \$50 per person. Students welcome at \$20 per person with reservation

RSVP and online payments can be made through the Colorado Section SME Community Events page:

<http://community.smenet.org/colorado/events/>

Select the event you would like to attend from the Colorado Section Events page and then select "Register Now". You will be asked to log in if you have not already done so, using your SME national login credentials. There is also an option to register for a new account if you are a non-member of SME.

Credit card payments can be made online for an additional processing fee. If you plan to pay by check or cash, select the option to generate an invoice. This invoice will serve as your RSVP, with check or cash payment due at the meeting.

Please contact Laura Fletcher, lfletcher@dowl.com or Richard Schwering, rschwering@hardrock-consulting.com, with any questions regarding the meetings.

SOCIETY FOR MINING, METALLURGY, AND EXPLORATION
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SME COLORADO SECTION

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Visit the SME Colorado Section web site: <http://community.smenet.org/colorado/home>

This Newsletter is emailed to current and active members of the SME Colorado Section. To view or modify your subscriptions, go to: <http://community.smenet.org/colorado/sectiondirectory/profile/mysubscriptionsonprofile>. You will be prompted to log in if you have not already done so, using your SME national login credentials.

You may also update your information with SME at: <http://www.smenet.org>