

## A Note from the SME CO Section:

Welcome to 2023!! Join our SME Colorado Section for events throughout the New Year! We are joint hosting a lunch webinar on January 19<sup>th</sup> with Women in Mining (WIM) & seeking volunteers for the Minerals Education Coalition (MEC).

Make sure to check out our webpage for details on membership & check out our events for 2023 on the [SME CO Section Website!](#)

## SME Colorado Section Officers

**Chair:** Melissa Chalona (mchalona@enganalytics.com)

**Vice Chair:** Amanda Davis (amanda.davis@maptek.com)

**Treasurer:** Phil Martin (pmartin@rcflp.com)

**Secretary:** Eric Poeck (epoeck@bgcengineering.ca)

**Program Chair:** Richard Schwering (rschwering@hardrock-consulting.com)

**Publicity Director:** Maddy Sova (madeline.sova@wsp.com)

**Golf Tournament Chair:** Alex Holtzapple (alex@metstim.com)

## Health and Safety

### Renew H&S Trainings!



Many of us align our health and safety trainings to the beginning of the year. Make sure to sign up for any annual trainings that may be required by your professional activities: MSHA, First Aid, CPR, Blood Borne Pathogens, etc.

## Event Calendar

**February 16, 2023:** Monthly Meeting with Colorado State University

**March 16, 2023:** Mining4Beer Joint Event

**April 2023:** Miners Give Back Event

**May 2023:** SME Gala

## Krumb Lecture Webinar [January 19<sup>th</sup> @ 12 p.m. MST]

Hosted by: SME and Women in Mining (WIM)

### U.S. Domestic Rare Earth Elements and Critical Minerals

**Speaker:** Mary Ann Alvin

**Abstract:** DOE's Office of Fossil Energy Carbon Management (FECM) and the National Energy Technology Laboratory (NETL) continue to address the potential for onshore production of rare earth elements (REEs) from unconventional resources through conduct of the Critical Minerals Sustainability Program. Program accomplishments that have been made since 2016 will be presented.

<https://www.eventbrite.com/e/us-domestic-rare-earth-elements-and-critical-minerals-tickets-503565095757>



# SME Involvement & Volunteering

## ***Minerals Education Coalition: A Busy Year; Still Seeking Volunteers!***

The Minerals Education Coalition (MEC) is the SME Foundation's program to develop and deliver K-12 education materials and activities and conduct public awareness outreach about mining and minerals. Your Colorado Section MEC has been busy bringing information about mining and minerals to the public, especially to K-12 students and teachers.

### **Year in Review**

During 2022, MEC volunteers judged projects at the Colorado State Science Fair for excellence in mineral science and engineering and awarded \$1,300 to winning students. With members of Mines' SME Student Chapter, we held a workshop for Scouts to earn the *Mining In Society* merit badge. We exhibited and discussed mining and minerals with visitors at the Denver Gem & Mineral Show, Girl Scout Day at Dinosaur Ridge, Adams County Career Expo, and Colorado Science Teachers Conference. And we made presentations to several school classes.

### **Pilot Program**

Working with MEC staff at SME headquarters, we have begun an ambitious effort to elevate mining and minerals education in Denver area schools. Starting with a pilot program at Place Bridge Academy and South High School, MEC volunteers have visited elementary and high school classes to present topics such as Rocks & Minerals/Scientific Method, Careers In Mining, Erosion: Changing the Face of the Earth, and Snacks with Mining Professionals.

### **Volunteers Needed**

To fully implement an expansion of this pilot program into Denver area schools, and to continue our other efforts in mining and mineral education, we are always looking for volunteers. Perhaps you have children or grandkids in school; imagine how they will benefit from such a program. And then volunteer to help us! Contact Dick Beach ([dickbeach@mines.edu](mailto:dickbeach@mines.edu) or 303-986-6535) with questions or to offer to help.



Heather Lammers and Dick Beach enjoy "Snacks with Mineral Professionals" with Ms. Robinson's 2<sup>nd</sup> Graders at Place Bridge Academy.



Sara Lizarraga and Dick Beach discussed "Rocks & Minerals / Scientific Method" with Dr. Taram's class at South High School.

