

SME COLORADO SECTION – NOVEMBER 2013



Monthly Meeting

November 14, 2013

Dinner at The Vista, Applewood Golf Club

Dinner at 6:00 pm, doors open at 5:30 pm

14001 W. 32nd Avenue, Golden, CO 80401

Steve Onorofskie, Mine Manager of American Gypsum Company, in Gypsum, CO, will provide an overview of gypsum uses, mining and wallboard manufacturing. Steve will discuss the challenges associated with the mechanical mining used at this surface mine, and describe reclamation at the site. Mr. Onorofskie has held the position of mine manager at American Gypsum Company in Gypsum, Colorado since 1990. He maintains overall responsibility for mine safety and mine production, maintenance, development and exploration, as well as equipment replacement and/or upgrade. He is also responsible for permitting acquisition and environmental compliance at the mine and gypsum wallboard manufacturing plant. In a previous career capacity he worked 15 years at AMAX's Climax Mine in various mine management and mine engineering positions. He has also worked as a project engineer in open pit iron mining and surface coal mining operations. He holds an Engineer of Mines degree and a Master of Science, Mining Engineering degree from the Colorado School of Mines. Mr. Onorofskie and his wife, Debbie, reside in Glenwood Springs, Colorado..

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

RSVP and payment information is on the following page.

Questions can be directed to Lori Freemire, lorifreemire@missionroi.com

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Monthly Meeting RSVP

RSVP and payments, whether you are an SME member or not, will now be made through the SME Community Event page:

<http://community.smenet.org/SMENET/Events/>

or through the Colorado SME Community:

<http://community.smenet.org/Colorado/Events/UpcomingEvents/>

Through the event page, you may pay by credit card, or submit your RSVP using the option to “Generate Invoice” and pay at the event by cash or check. If you pay by credit card online, you will be assessed a small processing charge (\$1.42 for this event). Once you have selected to “Register Now” on the event page, if you are not already logged in, you will be taken to the login page. Use your SME national login credentials, or create an account as a non-member.

Dues: SME Colorado Section

Local Section Dues for 2013-2014 are \$25. The Dues Card was sent out in August. Email Amanda Garcia for an invoice to pay by check. Payments with a credit card will be accepted online. Online you will have the opportunity to make a Support Contribution to help fund the Section's outreach programs for minerals education, scholarships for Colorado students pursuing degrees in the minerals industry, local engineering programs such as the State Science & Engineering Fair, and sponsorships for K-12 teachers participating in the All About Mining – *A Total Concept of the Mining Industry* course.

Pay by credit card online at the following, select Dues 2013-2014: Colorado Section.

<http://community.smenet.org/Events/UpcomingEvents/>

Section Meeting Speakers

If you are interested in being a speaker and giving a presentation at one of the section's monthly meetings, please contact our Program Chair, Laura Fletcher, at 303-234-0273x212 or lfletcher@harwest.com.

SME Colorado Section Golf Tournament 2013

This year's annual SME Colorado Section Golf Tournament was a great success. The event was sold out and the weather was great on a beautiful Friday afternoon in Golden, CO. Thank you everyone who participated in and volunteered for the event. We'd like to give a special thanks to all our sponsors, Lori Freemire, and Jacki Malone for making the event possible.



SME Local Section Grant Award

The SME Local Section Grant Committee met back in September and approved a grant of \$2,500 to the Colorado Section in support of the outreach and mineral education programs, “All About Mining” course and the NSTA Conference.

Colorado Mining Exhibit Foundation Update

The Colorado Mining Exhibit Foundation thanks you for your support. This report aims to keep you up-to-date on our work upgrading Teacher Corner exhibits at NMHF&M in Leadville, WMMI in Colorado Springs and CSM's Geology Museum. programs in Spanish). In cooperation with MMSA and RMCMI, we then began the installation of the flat screen TV/DVD players with short presentations about "The Importance of Mining and Minerals to a Strong America." Additional work involved the "Railroads & Mining: Building the West" exhibit for the Idaho Springs Historical Society (50,000 visitors/year - most with families - thus hopefully voters). Smaller displays highlighted "Blacksmithing & High Quality Western Coal" and "Gold: Beauty & Unique Physical Properties"

Electrical wiring and new lighting (in the 110-year-old NMHF&M building) for a new "Mining in America" gallery was started. The exhibit (in cooperation with NMA) presents information and graphics on most minerals mined in our country, and most American mining regions. Other projects included the Rear Earth and Health & Safety exhibits at WMMI. In addition, the Foundation helped (with graphics and electronics) the 20 ft x 20 ft mining booth at National Science Teachers Association Convention in downtown Denver in December. The Foundation had all this progress despite: forest fires/evacuations/flooding at WMMI, a totally new staff at NMHF&M and remodeling of the student education area at CSM's Geology Museum.

The foundation would like to thank Newmont Mining, CO SME/MEC, Denver Gold Group, Colorado Mining Association, CO MMSA, and Western Fuels Association for their contributions to the National Mining Hall of Fame & Museum.

December 2013 National Science Teachers Association

The Minerals Education Coalition (MEC) Subsection of the CO Section will be hosting the December 12-14, 2013 "Minerals Are Life" exhibit at the (NTSA) convention. This year we chose the theme "Minerals Are Life" with our emphasis being the use of various minerals in food and those used in growing food. There will be eight mineral samples in each of the 2,000 mineral kits we'll be preparing for distribution to attending teachers. If you would like to donate to the CO Subsection MEC, provide materials for the mineral kits, volunteer in bagging the samples in September, or volunteer in December at the convention please contact Dick Beach at 303-986-6535 or dickbeach@alumni.mines.edu

Jefferson County Outdoor Lab

After having participated in the Colorado Mining Association Education Foundation's 45th All About Mining class at the Colorado School of Mines this summer, Jon Bromfield, Curriculum Specialist at the Jefferson County, CO, Outdoor Lab for 6th graders, is planning to expand the facility's geology program to include mining! He is searching for some troughs that could be given to the Outdoor Lab that could be used to teach students the art of panning to illustrate gravity-separation techniques. He would also like to obtain some historical mining "artifacts," and especially modern-day items that could be used to demonstrate environmentally-friendly and safe mining-techniques to the ~4000 students who annually attend the Outdoor Lab.

If you could help, please contact Jon Bromfield directly at: 303-982-5208 or jbromfie@jeffco.k12.co.us.

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SME Colorado Section Scholarship Award Recipients

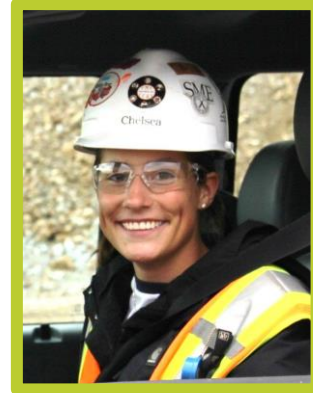
The annual golf tournament and supplemental contributions to the Colorado Section have historically helped to fund over \$10,000 per year in scholarships for students at the Colorado School of Mines and other Colorado engineering programs. Current students must submit an essay to the Colorado Section Scholarship Committee and then sit before the committee for an interview. Here are this year's scholarship recipients.

Clancy Harman



Clancy is a senior studying Mining Engineering at the Colorado School of Mines. Over the past three summers, he has interned for Barrick and Newmont in Elko, Nevada and Freeport Moran in Empire, Colorado. Clancy has been heavily involved with the school's student mine rescue program, serving as president for the past two years as well as the SME Student Chapter where he has served as an officer for the past three years and as president for the 2012-2013 academic years.

Chelsea Pomeroy



Chelsea is a senior Mining Engineering student at CSM. In April, she was elected to serve as Chairman for the CSM Section of SME for the 2013-2014 school year. Over the past few summers, she has had the opportunity to work in underground potash with Mosaic in New Mexico, surface gold with AngloGold Ashanti at CC&V mine, and at two geological exploration camps in British Columbia and the Northwest Territories. Pomeroy also works at the Edgar Mine in Idaho Springs as a shifter, and at the Geology Museum on the CSM Campus during the school year. She participated in a study abroad program at the Camborne School of Mines in Cornwall, United Kingdom last spring, and has competed on both theirs and CSM's mining competition teams.

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Kyle Chandler Lindahl



Kyle will be graduating this December, earning a Bachelor's degree in Mining Engineering and also holds dual Bachelor's degree in Accounting and Finance from Leeds School of Business at the University of Colorado in Boulder. Lindahl is an active member of the SME, is in Tau Beta Pi Engineering Honor Society, and is on the CSM Cycling Team. The mining experience Kyle holds has been with Rio Tinto where he had the opportunity to work with mining professionals to develop plans for ore body access and mining processes, and also gained insight to mine remediation and closure.

Devin Weekley



Devin Weekley, a native of Colorado, is currently a third year student at the Colorado School of Mines, (CSM.) At CSM Devin is studying mining engineering. When not studying or doing homework, he finds time to participate in Mine Rescue, the CSM Mining Games team, and the student SME chapter, where he is the current MEC chair. Devin has experience working as an operator and shifter at the CSM Edgar Mine and recently spent the summer as an engineering intern at the Mosaic Carlsbad operation.

Robert T Williams



Robert became interested in mining after reading an article about space mining. After a little research, he found that mining engineering is a flourishing and well respected career. He enjoys the mining industry because it allows an engineer to face all kinds of different challenges. In his internships, he has had to apply knowledge of finance, road design, ventilation, and ground control. Williams has gained experience working at coal mines for two summers.

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