



Section Chair Report

Thank you to all who participated in or helped sponsor our annual golf tournament; this event is what supports the scholarships that the Colorado Section provides to students receiving degrees in Mining Engineering, Metallurgy, and Mining Geology.

As Colorado Section Chair, I frequently find myself asking our membership for money to support the various ways that the Section promotes responsible mining and educates the public. Our members have been extremely generous over the years and that generosity was recognized by the Minerals Education Coalition (MEC) with our section being awarded the 2016 MEC Organization Recognition Award. This award recognizes the SME group which has demonstrated an active involvement in K-12 education or public outreach and awareness about minerals and mining. The award includes a \$250 donation to our section, which we will receive along with an award certificate at the SME/AIME Awards Banquet at the 2017 Annual Meeting.

Some of the feedback that we have received on our programs is that members would like to hear more from industry leaders. To that end, our first presentation of the 2016-2017 member year is in October at the Table Mountain Inn in Golden, Colorado and as listed elsewhere, our speaker is David Hagerman, Executive Vice President and General Manager for Aggregates of the Rocky Mountain Division of Martin Marietta.

Thank you for all that you do and I look forward to seeing you all at our October meeting, and if you have ideas, questions, comments, or criticisms about how the Section is running, or regarding Section activities, please phone me at (303) 736-6422, or e-mail me at David.Bieber@martinmarietta.com. Thank you for entrusting me with the position of SME Colorado Section Chair.

Sincerely,
Dave

October Meeting

Thursday, October 20, 2016

Table Mountain Inn

Arapaho Room
1310 Washington Ave.
Golden, CO 80401

Networking at 5:30 pm
Dinner at 6:00 pm
Speaker at 6:30 pm

David Hagerman, Regional Vice President and General Manager of the Aggregate District for Martin Marietta's Rocky Mountain Division, will present on Colorado's Changing Construction Materials Market. Colorado's population growth along the Front Range combined with increased regulatory and environmental challenges are transforming the construction materials market. We will discuss what the future holds for Colorado's evolving construction material's market.

David Hagerman, P.E. received a B.S. in Mining Engineering from the Colorado School of Mines and an MBA from Benedictine University. During his 25 years in the construction materials industry, he has held various positions from mine exploration, mine planning, operations and executive management.

Dinner cost is \$50 per person, students are welcome at \$20 per person. Credit card payments can be made online, and a small processing fee will be assessed in addition to the cost.

If you prefer to pay by check or cash at the venue, you must still complete the online registration and select the option to "generate an invoice". This will reserve your place at the meeting, with payment due upon arrival.

Walk-ins without a reservation will not be permitted. RSVP must be made by close of business Tuesday, October 18th.

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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 2016-2017 year.

How to join or renew:

Online: Credit card payments can be made online by visiting our website and selecting the 2016-2017 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 Justin Anderson – 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:

October 20, 2016 – Dinner in Golden

November 17, 2016 – Lunch in Denver

January 19, 2017 – Lunch in DTC

February 16, 2017 – Dinner in Denver

March 16, 2017 – Dinner in Golden

April 20, 2017 – Lunch in DTC

May 18, 2017 – 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 Brian Shaffer, bshaffer@usgs.gov, or Richard Schwering, rschwering@hardrock-consulting.com, with any questions regarding the meetings, or if you are interested in presenting.

MEC Denver Gem & Mineral Show

Members of the SME Colorado Section Minerals Education Coalition (MEC) – Paul Chamberlin, Alan Cram and Dick Beach – plus SME CSM Student Chapter member Evan McCombs staffed a booth at the Denver Gem & Mineral Show September 16 – 18. The booth featured displays and materials showing the vital role that mineral resources and mining play in our lives. On Friday we hosted school children from the metro area and passed out several hundred samples of rocks and minerals we use in our everyday lives. During the weekend, many rockhounds and others stopped by to learn about mining and mineral resources.

MEC thanks these Colorado Section volunteers, the Colorado Mining Association, and national SME MEC who provided support, display and handout material.

SME Colorado Section Scholarship 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. Here are this year's scholarship recipients:

Allie Anderson

Liz Diaz

Dante Huff

Heather Lammers

Dulguun (Danny) Tsendayush

Michael Wrona

Allie Anderson



Allie is a PhD candidate in the Kroll Institute for Extractive Metallurgy at the Colorado School of Mines. She is currently being advised by Dr. Patrick Taylor on a research project that is focused on developing a computational fluid dynamic and heat transfer model for an operating industrial pyrometallurgy furnace. She received her bachelor's degree in mechanical engineering from Gonzaga University where she graduated magna cum laude. She is a member of both Tau Beta Pi, the engineering honor society, and Alpha Sigma nu, the Jesuit honors society. Upon completion of her PhD degree, Allie hopes to find a job in industry working in either primary or secondary metallurgical processing.

Danny Tsendayush



Danny is a senior studying Mining Engineering at the Colorado School of Mines. He was born in Mongolia and moved to the U.S. when he was 7 years old. He had always wanted to pursue a career in finance or business, but was convinced by a cousin to consider mining engineering during his sophomore year of high school. Danny likes to spend his free time with friends and family.

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Dante Huff



Dante is completing her MSc at the Colorado School of Mines, studying the thermal history of Carlin-type gold deposits in Nevada, with a focus on using thermochronology as an exploration vector. She received her BSc in Earth and Planetary Science at McGill University in Montreal in 2011. Following graduation, Dante worked a four-month contract as an exploration geologist for Sabina Gold & Silver in the Canadian Arctic. She then accepted a hydrogeologist position at an environmental consulting firm in Calgary, Alberta, where she worked until returning to school last fall. Her Masters project has allowed her to return to her passion for ore deposits and she is very excited to resume a career in mining once she graduates.

Heather Lammers



Heather is completing her M.S. degree at the Colorado School of Mines (CSM), studying Mining Engineering with a focus on current and alternative tailing management practices. She received her B.S. degree in Geological Engineering from the University of North Dakota and has been an active member of SME for a number of years. Heather currently serves as the Academic Chair for the CSM Graduate Student Government, and continues to work as a consultant in the mining industry.

Michael Wrona



Michael is pursuing a B.S. degree in Mining Engineering at the Colorado School of Mines. He is active in a number of clubs and organizations on campus, including the CSM Mine Rescue Team, and serves as the Co-Chair for the CSM Student Chapter Minerals Education Coalition.

Liz Diaz



Liz is a senior studying Mining Engineering at the Colorado School of Mines. She is originally from Peru and has been exposed to the mining industry from a very young age. Whether it was by watching her dad drive up to the mine or hearing people around town comment on the effects of mining, the mining industry has always played a major role in her life. This exposure to different perspectives on the industry drove her curiosity to learn and eventually helped her decide to pursue an engineering degree. Once she completes her education, she hopes to advance her career in a direction that allows her to gain experience with different extraction methods, while at the same time developing an environmentally safe and sustainable way to extract minerals. She strongly believes in the idea of responsible mining and its implications on everyday lives.



WAAIME Celebrates their 100th Anniversary - 2017

The Women's Auxiliary to the American Institute of Mining, Metallurgy, and Petroleum Engineers, Inc. will be celebrating its 100th Birthday in 2017. The WAAIME organization was originally made up of wives of the Mining Engineer members of AIME, but in 2008 became a Division of SME.

As you may know, the WAAIME group has provided a significant amount of scholarship money to students in the mining, metallurgy and geologic fields at the undergraduate, graduate and post-graduate levels over many years. However, upon doing research in preparing for the 100th celebration we have unearthed some fascinating projects the WAAIME's of old have done over time. As a teaser, did you know the ladies of years past collected nylons during WWII to support the war effort? Or that in the late 1950's, the WAAIME organization was tasked by AIME to help raise funds for the Engineering Center building in NYC to house 15 professional engineering societies. It's amazing who these women knew or had connections to when it came to doing philanthropic work around the world over its 100-year history.

On February 21, 2017 (Tuesday), during the 2017 SME Annual Meeting in Denver, we will hold our 100th Anniversary Celebration at the convention's host hotel, the Hyatt Regency at Colorado Convention Center in Denver. Our event will be held in conjunction with the ALUMNI REUNION FUNCTIONS in the hotel's Grand Ballroom, and for proper planning will require an RSVP. This will be a huge celebration of the students that have received scholarships over the years, of the schools that have provided the means to teach these scholarship recipients, and of the work the WAAIME organization has done to support the students and schools over its long lifetime.

So, as the members of the WAAIME organization prepare to celebrate our 100 years of giving, we are looking to hear from you, a **WAAIME SCHOLARSHIP RECIPIENT** – regardless of how long ago it was. We'd love to hear how your scholarship impacted your pursuing your career and dreams for the future at the time you received it. You can tell us your story at: <http://www.smenet.org/membership/groups/divisions/waaimewaaime-100-year-scholarship-recipient-stories>.

Also, to continue with its philanthropic history, the WAAIME's will provide a fun-filled, relaxed environment for you to socialize with fellow alumni from all the mining and geoscience schools (each school will have a table with a school banner), for you to enjoy the visual entertainment, story-telling and memorabilia magazine, and for you to enjoy edible goodies as we bask in the 100 years of successful philanthropic work of the women who over the 100 years have provided significant support to the mineral industries. If you and your employer, associates or other contacts would like to help out financially in support of this fun-filled celebration (WAAIME, as part of SME is a 501(c)(3) nonprofit, professional organization & is tax deductible), you can do so at: <http://smemi.personifycloud.com/PersonifyEbusiness/Store/ProductDetails.aspx?productId=679079>

If you have questions, the 100th Anniversary Celebration Chair is Elizabeth Price (aejprice@att.net) or locally, you can contact Karen Jass at kfjass@gmail.com.

SME COLORADO SECTION

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

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