

# COLORADO SECTION – MARCH 2012 NEWS

## Monthly Meeting

March 15, 2012

Lunch at Denver Marriot West  
Meet at 11:30, Lunch at noon  
1717 Denver West Blvd., Golden, 80401

Speaker: Bill Crowl, "Mineral Tenders in Central Asia, especially Afghanistan."

Mr. Crowl is currently the Vice President, Mining Sector for Gustavson Associates in Lakewood, Colorado. As an Economic Geologist for over 39 years, he has worked for mining, exploration, and consulting companies. Bill has had the pleasure of working for DeLamar Silver Mine, Homestake Mine, Flour Daniel Mining & Metals, SRK Consulting and now, Gustavson. Until 1990 all his work was done in the US. Thirty-three countries later, he is still going.

Cost: \$35 per person

Students welcome at \$15 per person with reservation

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

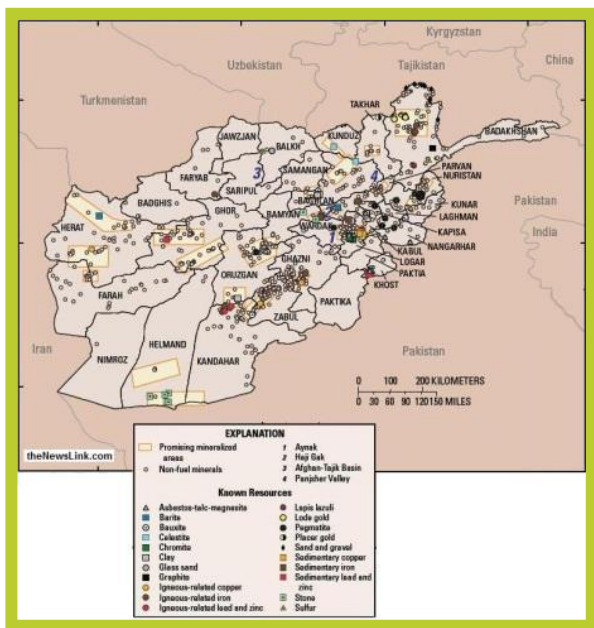
<http://community.smenet.org/SMENET/Events/EventDescription/?CalendarEventKey=4451ffa6-ea4f-4b48-831c-d0d408610837>

Through the event page, you may pay by credit card, or submit your RSVP using the option to pay at the event by cash or check. If you pay by credit card online, you will be assessed a small processing charge (\$1.35 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.

More information for setting up your SME Community profile is on page 4.

Contact Heather Gravning,  
[gravning@smenet.org](mailto:gravning@smenet.org), if you have any issues registering for the event.



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## Upcoming Meetings

No April Meeting – See Mineral Processing Division Announcement Below

May 17, 2012: Annual Awards Banquet Dinner at McCormick & Schmick's Downtown

Additional details regarding meeting locations, times, costs, and reservations, etc. will be published in upcoming newsletters.

## EMCD Invitation

Thursday March 8<sup>th</sup> at 6:00 pm  
HOLIDAY INN - LAKEWOOD  
7390 WEST HAMPDEN  
LAKEWOOD, CO 80227

Speaker: Ganpat Mani, President & CEO of ConverDyn - "Conversion of Uranium Ore Concentrates to Uranium Hexafluoride."

Mr. Mani is the President and CEO of ConverDyn, the joint venture between affiliates of Honeywell International, Inc. and General Atomics. His 39 year career began with Allied Chemical, a predecessor of Honeywell, and has spanned a range of senior business and technical management positions handling a variety of chemical and mineral products used in electric power generation and a multitude of other industries. Mr. Mani is active in industry trade organizations such as the NEI, UPA, WNA, WNF and WNTI. He has presented at major industry conferences in Beijing, China; Perth, Australia; Berlin, Germany; Lake Tahoe, CA; Edinburgh, Scotland, Austin, TX, Sevilla, Spain and Scottsdale, AZ. Mr. Mani received his bachelor's degree in metallurgical engineering in 1971 from Loughborough University in England and his MBA in 1973 from Rutgers University, NJ

RSVP by Wednesday March 7th to Judith Gomez 303-803-2723 Email: [jcgomez@mines.edu](mailto:jcgomez@mines.edu)

The meeting dinner will be \$35.00.

## Colorado Section Board of Directors 2012-2013 Elections Slate

Chair – Justin Anderson, Resource Capital Funds

Vice Chair – Chris Schaufele, Tetra Tech

Secretary – Zach Black, Gustavson Associates

Program Chair – Richard Diaz, Maptek

Treasurer – Bill Wilson, CSM – Mining Engineering Department

Publicity Director – Amanda Garcia, Maptek

Director – Tom Lien, Lien Mining

Director – Jacki Malone, Aquionix

Director – Cathy Begej, Norwest

If you would like to become involved with the SME Colorado Section Board, contact Justin Anderson, [jda@rcflp.com](mailto:jda@rcflp.com).

## GEM Committee Seeking Speakers

The Colorado Section's GEM Committee is updating its list of contacts – folks that like, or would like to make presentations to audiences on various mineral-related topics (use of minerals, Colorado mining history, rocks & minerals, your specialty). If you would like to be added to the list as an available speaker, please contact Paul Chamberlin at 303-979-6753 or [pdcham@wcox.com](mailto:pdcham@wcox.com) with your name, your contact information, the subject(s) you like to talk about, and if you have a preferred age group (K-12, Jr High, adult, etc). As the GEM group gets requests we will look to the list to find a volunteer that matches that request.

For more information about SME's Government, Education, and Mining Program, go to [www.smenet.org/gem/](http://www.smenet.org/gem/).

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## Mineral Processing Division 62<sup>nd</sup> Annual Meeting – “Does Size Matter (Is Bigger Always Better)?”

The Mineral Processing Division – Colorado SME Section will be holding their 62<sup>nd</sup> Annual Meeting on April 26-28, 2012. The event will take place at The Broadmoor in Colorado Springs, Colorado.

The program has yet to be finalized but will be posted in next month's newsletter.

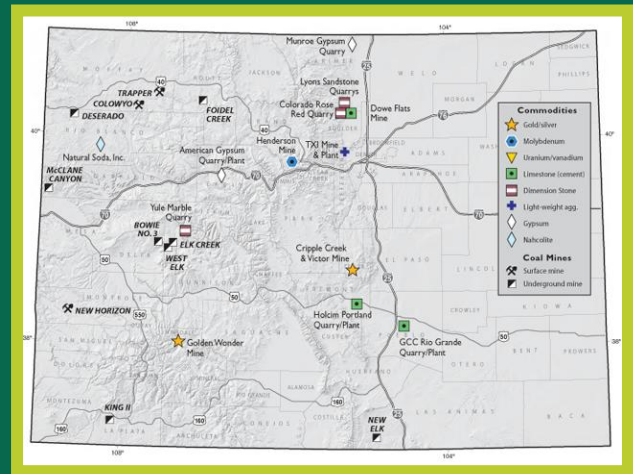
Thursday, April 26: Registration and Technical Presentations, Reception and Dinner with keynote speaker

Friday, April 27: Luncheon with keynote speaker, Evening Social Reception, Dinner/Dance

Saturday, April 28: Golf Tournament, Evening Social Reception.

Please Contact Gill Porter at 303-674-4756 or Jenny Pergola at 303-451-7677 for all questions regarding the event.

Hotel Reservations: The Broadmoor - 1-800-634-7711, Ask for the SME conference rate, Code SMECOLO



## Colorado Mining Association's 114<sup>th</sup> National Western Mining Conference and Exhibition

The 114<sup>th</sup> National Western Mining Conference and Exhibition is to be held March 19-22, 2012 at the Westin Tabor Center in Denver, CO. The preliminary program and registration is available on the CMA website at [www.coloradomining.org](http://www.coloradomining.org) or click here.

Since the Colorado Mining Association's founding in 1876 - the year that Colorado achieved statehood - a diverse and vibrant mining industry has grown throughout the state. Colorado is the nation's number one producer of molybdenum, the fourth leading producer of gold, the 11th ranking coal producer, and the only source of specialty minerals like pure sodium bicarbonate. The conference will provide updates on the latest opportunities in Colorado's diverse mining sector.

Equally important, the conference will also feature Colorado's diverse infrastructure of Colorado based companies whose reach spans the entire globe, with Denver at its core. Colorado based companies have figured in some of the most important corporate, merger and acquisition activities in the entire industry, which the conference will showcase.

Mark your calendars for March 19-22, 2012 and make plans to stay in Denver, the center, the core, the nucleus and heart of worldwide mining, the Mile High Mining Hub



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## SME Community



The SME Community allows members to easily interact and communicate online, empowering groups such as committees & sections to work effectively. Groups may also form around topical areas and shared interests, spawning knowledge communities. Social tools such as commenting capabilities and ranking stats will ensure quick and easy access to the most relevant/popular information.

To enter the SME Community, go to <http://community.smenet.org/> or look for the SME Community link on the SME homepage ([www.smenet.org](http://www.smenet.org)). Then, **GETTING STARTED** on the SME Community takes four simple steps:

1. Login with your SME user ID. All current SME members have their own user ID and password. If you don't know your ID/password, contact SME Member Services at 1-800-763-3132.

2. Click on "My Profile" to update your SME Community Professional Profile. Your profile is populated with the basic information from your current member record within our secure database. You don't have to add any more information if you choose not to. Adding a photograph is also optional. However, the additional fields will let you tell other members a bit more about yourself. Share only what you're comfortable including. You can change your profile at any time.

3. Set your Profile Preferences.

4. Adjust your Email Subscriptions. Managing how much email you receive from the Community couldn't be easier and it's all on one page!

Please take a few minutes to watch the Video Tutorial at: <http://youtu.be/aMKPkP856YU>

Once your profile is ready, go to the SME Community home page and look at the **GET CONNECTED** box for more video tutorial links on topics such as: How to join Discussion groups, How to use the Member Directory, How to share & view Library files and How to view & post Blogs.

You may join any of the open groups to begin reaching out and networking with other members who share a discipline or an interest. Each group has its own discussion thread which is an enhanced version of a list server.

**Questions? Please contact: Heather Gravning at [gravning@smenet.org](mailto:gravning@smenet.org)**

[http://www.smenet.org/page/index.cfm?title=SME\\_Community\\_Overview](http://www.smenet.org/page/index.cfm?title=SME_Community_Overview)



"Like" us on Facebook for event details, pictures, and discussions.

<http://www.facebook.com/pages/SME-Colorado-Section/207876955965850>

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## Colorado School of Mines SME Student Chapter Update

The CSM Student Chapter of SME has had a busy start to the 2012 Spring semester. Here are some of the highlights of what the students are doing, events they are attending, and their honorable achievements.

**Miner's Ball:** On February 11, 2012, six students involved in leadership for SME at CSM traveled to Leadville, CO to attend the 2012 Miner's Ball at the National Mining Hall of Fame and Museum. The students were able to network with various industry professionals including several executives from the Climax Molybdenum Company. Paul Jones of Sovereign Management Group, Ltd. paid for the tickets in order for the students to attend.

**General Chapter Meetings:** Stuart Sanderson, Colorado Mining Association President, gave a very interesting talk on the Colorado Mining Association and what the organization does to benefit the mining industry. Tim Arnold, Vice President of Geovic Mining, presented on what to expect when working on a mine site and specifically what it's like to work with miners. Jim Spencely, Project Manager for Hope Bay, spoke on the company's Hope Bay project and the challenges of arctic mining.

**GEM Outreach:** A big part of the GEM program for CSM this year involved visiting seven fourth grade classes at three different elementary schools in the Denver area to present on mining in Colorado's history and current mining techniques. The students visited Mount Carbon Elementary School and Belmar Elementary School. The CSM students brought in props including hand steels, carbide lamps, cordless cap lamps, and an MX-6 gas detector. They also had a PowerPoint that outlined the history of important historical mining events in Colorado, as well as modern open pit and underground mines, explosives, geology, metallurgy, mine health and safety, and environmental reclamation.

**SME Annual Conference:** The 2012 SME Annual Conference in Seattle, Washington was a huge success for the SME student chapter. The chapter paid to send 27 student members who earned their trip by participating in chapter events throughout the year. Out of those 27 students, there were 19 students from mining engineering, 4 students from metallurgical engineering, 1 student from geology, 1 student from geophysics, 1 student from mechanical engineering, and 1 student from economics and business. While at the Conference, students participated in all of the student events and a variety of the professional events and meetings. The students were also able to show their support for the industry and SME by helping different groups over the duration of the Conference.

**Awards and Scholarships:** The Colorado School of Mines chapter was honored with two major awards in Seattle. CSM won outstanding student chapter contest based off of the 2010-2011 annual report and was also recognized for increased membership. This is not the first time CSM has won the outstanding student chapter award and is honored that all of the hard work paid off. In addition to chapter awards, student member Maura Sullivan received two SME scholarships, one from the Mining and Exploration Division and one from the Coal and Energy Division.

Information provided by Grace Bernard, Student Chapter President.



Students given a tour of the U-link Project, an expansion to Seattle's light rail system

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## **We must take advantage of the opportunities mining can provide**

This is a reprint of an article that was published in the Colorado Springs Gazette back in February. This is an example of a young student actively engaged in the politics of mining and working towards improving the mining climate in this country.

GUEST COLUMNIST: Grace Bernard, CSM SME Student Chapter President

As Washington leaders continue to debate our nation's economic future, educated and qualified young adults here in Colorado and throughout the nation are hungry for well-paying jobs. I enrolled in the Colorado School of Mines in 2008 during an economic crisis. Yet, as I prepare to enter an arguably unchanged economy as a 2012 graduate, I remain hopeful for the tremendous opportunities mining brings — not just in my field, but throughout the economy.

While the natural resources of the Rockies have always fascinated me, I was also drawn to mining's track record of job stability. Despite a suffering economy, mining has steadily added thousands of jobs since 2009, according to the Bureau of Labor Statistics, and as older workers retire over the next five to 10 years, an estimated 55,000 mining jobs will need to be filled.

The minerals produced by miners support industries around the country; ores and metals are utilized in the production of capital goods for manufacturing and construction, and non-metallic minerals are used as fertilizers and in medicines. Cutting-edge electronics, telecommunication processes, and military equipment also depend on a range of minerals. Sectors across the economy use mineral raw materials to produce goods, services and infrastructure integral to our way of life, and help generate revenue.

However, as I gain hands-on experience in safely mining these critical resources, \$5.1 billion worth of minerals are still being imported from foreign countries like China — even while \$6.2 trillion worth of minerals sit untouched in U.S. areas like Colorado.

Unnecessary permitting delays have long deterred investors from supporting U.S. mining projects that would create jobs and increase our minerals supply. It makes little business sense to fund a project that wouldn't begin operating — or yield a return on investment — for up to a decade. We are sending money and jobs overseas and ignoring obvious ways in which domestic minerals mining can stimulate our economy.

My peers and I have invested a great deal of money, time and effort in a field that we believe is critical to American innovation and is already a strong contributor to the economy. Now, we want to see it grow for the benefit of all.

Rather than imposing billions of dollars in absurd mining taxes to meet budget gaps, we want Washington leaders to work with mining companies to understand the value of our country's minerals resources. We want our leaders to encourage education of America's youth in fields related to the earth resources industry.

Rep. Doug Lamborn has proposed the National Strategic and Critical Minerals Policy Act of 2011, which seeks a comprehensive assessment of our nation's minerals needs, and the identification of ways to better meet those needs with domestic resources.

In July 2011, the bill passed the House Natural Resources Committee with unanimous bipartisan approval, but to keep this momentum going and move our nation forward, my generation of U.S. miners will need more support.

It's time other leaders made smart decisions that encourage domestic minerals development, and invest in the futures of young professionals like myself.

## SME COLORADO SECTION

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