



SME FOUNDATION



Save the Date!

2014

Winter Fest

Please join the SME Foundation for its Annual Gala Dinner

Sunday, February 23, 2014

6:00 pm – 7:00 pm

Cocktail Reception, Local Brewery Beer Tasting & Silent Auction

7:00 pm – 11:00 pm

Dinner, Dueling Piano Entertainment & Casino Games

Grand Ballroom

Marriott Downtown at City Creek • Salt Lake City, UT

Tickets for the SME Foundation Annual Gala Dinner will go on sale

November 4, 2013

Sponsor a table of 8—\$2,500

Individual tickets—\$105

\$10 of ticket price includes automatic entry into drawing
for AMAZING door prizes— Best Buy shopping sprees!

Contact Christina Page to sponsor a table at page@smenet.org or 303-948-4224

Space is limited, so sign up soon!

SME Congressional Fellowship...

is looking for qualified candidates! The first SME mining-specific Congressional Fellow will be placed in Washington, D.C. during the 2014-15 legislative session. The Fellow will spend one year working as a special legislative assistant on the staff of a member of Congress or congressional committee. Activities may involve conducting legislative or oversight work, assisting in congressional hearings and debates, and preparing briefs, conducting research and writing speeches. The purpose of this Fellowship is to provide a unique opportunity to gain first-hand experience with the federal legislative process and make practical contributions to the effective and timely use of the Fellow's specific knowledge in mining, mineral processing and mined product applications as they relate to the environment, natural resources and federal science policy. The Fellow will gain an invaluable public policy learning experience, contribute to the more effective use of mined materials knowledge in government and broaden awareness about the value of scientist/engineer-government interaction within the federal government. Applicants should be a member of SME and have either a doctorate or a master's degree with at least three years of professional experience.

The application period runs from December 1-31, 2013. If you are interested in applying for this position or need more information, please contact John Hayden, hayden@smenet.org 303-948-4250, or Jackie Dorr, dorr@smenet.org 303-948-4244.

Letter from the President

As the SME Foundation fiscal year came to an end on September 30th we celebrated the best year in our history! Not only did the *Creating Global Prosperity: the Campaign for Mining* come within 4% of its \$1.6 million



Bart Hyita, Foundation President

goal, two new scholarships will be launching in 2014 and the SME Education & Sustainability Committee is creating guidelines to initiate a Ph.D. Grant Program. The SME Foundation's Minerals Education Coalition also had an incredible year! In 2014, you will hear about many more MEC outreach efforts and see new additions to the *Minerals in your Electrical World* video series.

I certainly hope that you are looking forward to the SME Foundation's Annual Gala Dinner in February. We have an amazing night planned to celebrate all the Foundation supporters and volunteers. Along with our silent auction and casino night, we will have entertainment provided by *Keys on Main*, a local dueling piano act.

To ensure that our auction is truly one to remember, please send your donations (items or monetary) to the Foundation at 12999 E. Adam Aircraft Circle, Englewood, CO 80112-4167.

Thank you for your continued support!

Best Regards,
Bart Hyita

SME Foundation Executive Committee

Bart J. Hyita	President	2013
Barbara J. Arnold	SMEF Past President	2013
Dennis P. Bryan	Vice President	2013
C. Dale Elifrits	Secretary/Treasurer	2013
Jessica Kogel	SME President	2013
John O. Marsden, PE	SME President Elect	2013

Minerals Education Coalition (MEC)



The MEC participated in Family Fest at Buckley AFB in Aurora, CO on August 16, 2013.

Reaching Out to Military Families

The military services of the United States recognize that the children of enlisted personnel are at an impressionable age to be influenced about their lifelong interests and employment opportunities. At the same time, there is a need to support families' time together. In support of these two priorities, the MEC has participated in several family events to let military families know that they are appreciated while delivering curriculum content and activities to teach about the importance of minerals and mining.

COOL Science Festival 2013

An estimated 7,000 youth and their families attended the 5th Annual COOL Science Festival to experience the fun of science on the University of Colorado/Colorado Springs campus on Saturday, October 5, 2013. MEC engaged the attendees with a minerals conductivity activity, rock and mineral samples, free posters, Mineral Baby cards and fact sheets.



Upcoming Events:

NSTA Area Conference:

Oct. 24-26 Portland, OR

ABET Summit:

Oct. 25 Baltimore, MD

Geological Society of America:

Oct. 27-30 Denver, CO

NSTA Area Conference:

Nov. 7-9 Charlotte, NC

Northwest Mining Association
Annual Meeting

Dec. 2-6 Sparks, NV

NSTA Area Conference

Dec. 12-14 Denver, CO

SME Annual Meeting & Exhibit

Feb. 22-26, 2014,
Salt Lake City, UT



Denver Gem & Mineral Show

MEC participated in the annual three-day Denver Gem & Mineral show in September. Sam Levine (pictured left), SME Student Chapter member at Colorado School of Mines, explained the three types of rocks to students.

PE Review Course

In September, 48 members and nonmembers gathered in St. Louis, MO to review for the upcoming PE exam. The exam is currently scheduled for the 25th of October and has 84 people registered to attend. This is up from 74 in 2012. Over the last eight years, the attendance for the exam has increased by approximately 55%.

This year's review course attendees received a jump drive with all the review materials preloaded, as well as a notebook of printed materials for their review.

SME Degree Program Responsibilities

The SME Foundation provides the needed financial support for continuing the recruiting, training and deployment of professionals who visit colleges or universities that offer B.S. degrees in geological engineering, geophysical engineering and mining engineering to ensure that the programs maintain the ABET accreditation. Our professionals

also accredit degree programs in minerals engineering, geo-environmental engineering and environmental engineering in cooperation with the Academy of Environmental Engineers. "While most of the programs to which we provide evaluators are domestic, we have provided evaluators for programs in Saudi Arabia, Turkey and, as of this

year, Spain," says SME ABET representative Dale Elifrits.

For a complete listing of the approved programs, please visit the ABET Program page on the SME Foundation website.



Announcing a NEW Education Sustainability Standing

There are a number of groups within SME that consider education sustainability issues for the mining industry as a high priority. Accordingly, there is a need for enhanced coordination and integration of these efforts within SME. As a result of input received from you and your colleagues on how SME can best serve its membership in this regard, there are a number of exciting changes that are being implemented.

At the Midyear Meeting in San Diego, the SME Board of Directors agreed to form a new SME Education Sustainability standing

committee comprised of representatives of U.S. mining schools to develop specific actionable recommendations to be considered by the Board. This committee will be led by Hugh Miller, Colorado School of Mines (Chair) and Courtney Young, Montana Tech (Vice Chair).

The areas in which there are considerable opportunities for SME to have a significant and sustaining impact on a university level education are:

- Faculty career pipeline.

- Research funding opportunities.
- Scholarships.

The Ad Hoc Education Sustainability Task Force has been disbanded; however, the SME Education and Professional Development Strategic Committee will continue to provide tactical recommendations for implementation to the new standing committee and the Board of Directors.



STEM Education as a National Priority



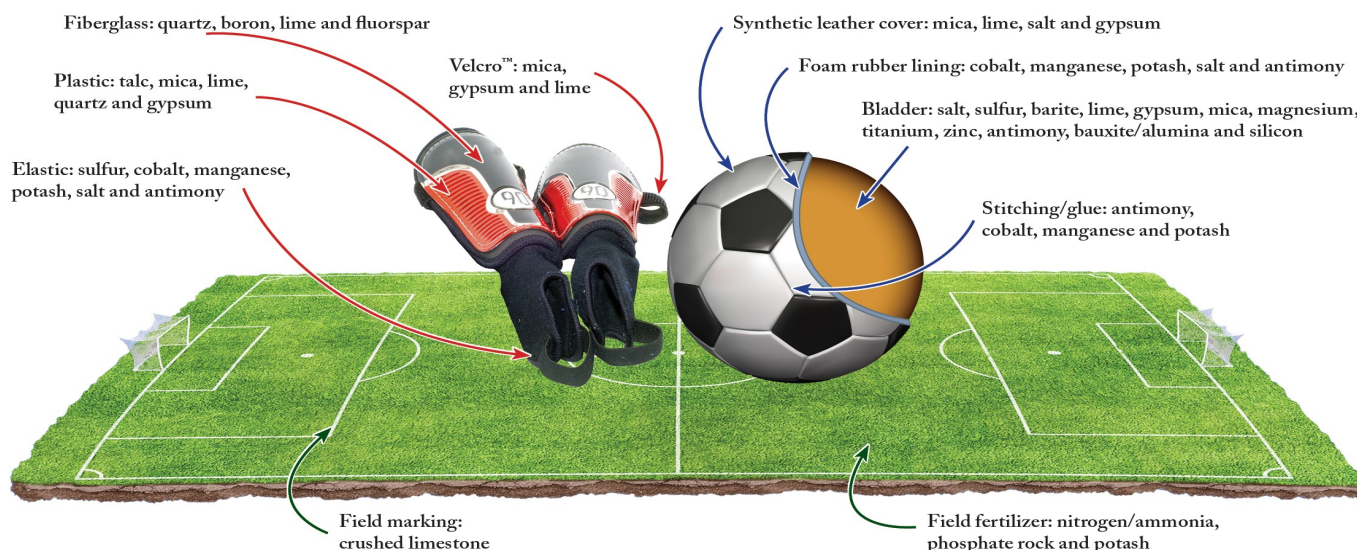
Science, technology, engineering and mathematics (STEM) education programs are critical for the future of the mining and minerals industries. Globally, nations are investing in youth with a multitude of initiatives and programs.

STEM education concentrates on active, student-centered learning that uses relevant experiences to promote critical thinking skills, science literacy, problem solving and college readiness for all students. STEM education highlights the natural interconnections of science, technology, engineering and mathematics to produce not only informed citizens with an education that will allow them to excel in the 21st Century, but also the next generation of innovators.

The MEC continues to create and update educational materials that help teach and inspire interest in mining and minerals in the context of STEM education. MEC provides model activities, lessons and collateral resources that connect the geosciences and the importance of mining to current school curriculum and everyday life. For more information on how you can support MEC, please contact Sharon Schonhaut at 303-948-4236 or via email at schonhaut@smenet.org.

Shin Guards

Soccer Ball



MEC's soccer mini-lesson was included in Earth Science Week packets going to 16,000 science teachers across the nation in October. This lesson can be found on the MEC website along with similar lessons on a cell phone, television and bicycle at <http://www.mineraleducationcoalition.org/grades-6-8>.



The Foundation of the Society for Mining, Metallurgy & Exploration

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What's new inside?

Congressional Fellowship
MEC Outreach
Education Sustainability Committee
PE Review Course

The SME Foundation thanks our 2013 Corporate Roundtable Partners for their encouragement, support and assistance in creating a stronger industry around the world, developing tomorrow's professionals and leaders and strengthening relationships within our communities. To find out more or to lend your support to *Creating Global Prosperity: The Campaign for Mining*, please visit the Foundation website at <http://community.smenet.org/SMEFoundation/Campaign>.



**SME FOUNDATION
CORPORATE ROUNDTABLE
PARTNER**
The Key to Global Prosperity



"Our mission is to support scientific, technical, education and other activities that foster interchange and understanding concerning the responsible development of the world's mineral resources, and further the professional disciplines serving the minerals industry."

For additional information regarding the SME Foundation, please contact:
AnnMarie Estrada, Foundation Manager at 303-948-4239 or Estrada@smenet.org