



SME FOUNDATION



I ♥ MINING

Save the Date!

Join the SME Foundation for its

Annual Gala Dinner

Sunday, February 15, 2015

6:00pm-7:00pm

Cocktail Reception & Silent Auction

7:00pm-11:00pm

Dinner, Entertainment & Casino Games

Centennial Ballroom

Hyatt Regency Denver Convention Center, Denver, CO

Sponsor a table of 8—\$3,000, Individual tickets—\$105

Ticket includes entry into door prize drawing

Contact Megan Wayne at wayne@smenet.org or 303-948-4224 for more information



CREATING GLOBAL PROSPERITY
The Campaign for Mining

Through the [*Creating Global Prosperity: The Campaign for Mining*](#), the SME Foundation has had numerous opportunities to raise money for new programs. The SME Foundation is growing and changing . . .

The [Minerals Education Coalition](#) released the *Iron in Our Electrical World* video which is the second in a series of videos about how minerals are important in our ever expanding electrically focused society.

[ABET accreditation](#) continues to recruit SME members to be trained as university evaluators of the different programs related to mining and geology across the United States and internationally.

The Miners Give Back program launched and applications were accepted for grants in increments of \$10,000 to assist members with community based development programs.

For complete details on all of the SME Foundation activities, please visit us at <http://community.smenet.org/smefoundation/home/>

Letter from the President



Bart Hyita, Foundation President

As the SME Foundation fiscal year came to an end on September 30th we celebrated a great year.

The *Creating Global Prosperity: The Campaign for Mining* fundraiser reached \$1.5 million, new scholarships were launched, and the SME Foundation's Minerals Education Coalition also had an incredible year with new products and successful outreach initiatives.

I 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. 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.

Thank you for your continued support!

Best Regards,

Bart Hyita

SME Foundation Executive Committee

Bart J. Hyita	President	2015
Barbara J. Arnold	SMEF Past President	2015
Dennis P. Bryan	Vice President	2015
C. Dale Elifrits	Secretary/Treasurer	2015
Bill A. Hancock	Ad-hoc Member	2015
John O. Marsden	SME President	2015
Jessica E. Kogel	SME Past President	2015



SME Congressional Fellowship

Dr. Joshua Hoffman, P.E. the first SME Congressional Fellow, was placed in Washington, D.C. during the 2014-15 legislative session. Hoffman will be spending the year working as a special content expert on the Subcommittee on Energy and Mineral Resources of the House Committee on Natural Resources. His responsibilities will involve conducting legislative or oversight work, assisting in congressional hearings and debates, and preparing briefs, conducting research and writing speeches.



The purpose of this mining-specific 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 Dr. Hoffman's specific knowledge in mining, mineral processing and mined product applications as they relate to the environment, natural resources and federal science policy.

The application period for the 2015-2016 SME Congressional Fellowship program runs from December 1-31, 2014. Applicants must be a member of SME at the time of the Fellowship term and have a doctorate in any science or a master's degree in an engineering discipline with at least three years of professional experience. If you are interested in applying for this position or need more information, please contact John Hayden, hayden@smenet.org or Jackie Dorr, dorr@smenet.org

Upcoming Events:

NSTA Area Conference:

Oct. 16-18, Richmond, VA

NSTA Area Conference:

Nov. 6-8, Orlando, FL

NSTA Area Conference

Dec. 4-6, Long Beach, CA

[SME Annual Conference & Expo](#)

Feb. 15-18, 2015

Denver, CO



Minerals Education Coalition

New Iron Poster



MEC's new poster, [Iron Mining and Processing for Electrical Uses](#), is a companion piece to the *Iron in Our Electrical World* video. The 33" x 22" poster traces the path of mining and processing taconite ore for use in electrical applications, and provides a colorful, informative piece for teachers to put up in the classroom. The video and poster are designed to enhance high school curricula in geology, chemistry, physics and engineering. The poster can be purchased at www.MineralsEducationCoalition.org/store.

Be sure to check out the [Iron in Our Electrical World video](#). There have been more than 22,000 views of either all or part of the video (short, individual segments are offered on the Edison Tech Center (ETC) YouTube channel). For the MEC's full length version of the Iron video, visit the [MEC YouTube channel](#).

MEC Aggregates Materials and Earth Science Week Update

October 12-18, 2014 is American Geoscience Institute's (AGI) Earth Science Week. Visit www.EarthSciWeek.org for more details. An MEC aggregates-themed poster (with activities) and a calendar page activity are part of the [Earth Science Week Toolkit](#). In addition to the MEC's Aggregates poster, you can also use the [Aggregates Teacher Guide](#) to get the most out of all of the MEC's aggregates-related materials. The teacher guide includes answer keys and extension activity ideas for the MEC poster and related AGI calendar page, as well as links to other MEC resources and additional aggregates-related links. [Read more](#) on how to get the most out of Earth Science Week.

Follow [MEC on Facebook](#)



And Twitter

[@smecommunity](#)

Are you signed up for Amazon Smile?

It's the easiest way to support the SME Foundation. A

percentage of purchases will go to the Foundation whenever you shop, at no cost to you.

1. VISIT smile.amazon.com
2. Under Select a Charitable Organization to Start Shopping, or Pick your own charitable organization, TYPE SME Foundation.
3. A couple of options may appear, SELECT the Englewood, CO option.
4. You are ready to shop. BOOKMARK smile.amazon.com for easy access.

Shop at AmazonSmile
and Amazon will make
a donation to:

SME Foundation

Get started

amazon smile

Foundation Midyear Meeting

The SME Midyear meeting took place September 19-21 in Phoenix, AZ. The Foundation Board of Trustees met to discuss goals and objectives for 2015. The trustees discussed current Foundation programs, budgets and fundraising efforts. Securing funds to launch the Ph.D. Grant Program were also discussed.

The 18 Corporate Roundtable partners were acknowledged for their generous contributions. A Foundation strategic planning session will convene later this fall.



Foundation Trustees Hugh Miller, Ta Li, Red Conger and John Marsden

Excellence in Prospecting Award



A special recognition was made at the SME Midyear meeting in Phoenix, AZ. The SME Foundation Executive Committee awarded Gary Takenaka, CONSOL Energy, the *Excellence in Prospecting* award for his exemplary service to the Foundation's initiative - *Creating Global Prosperity: The Campaign for Mining*.

The *Excellence in Prospecting* award acknowledges Gary's enthusiasm about foundation fundraising, willingness to open doors, commitment to making visits on behalf of the Foundation and, of course, securing contributions for SMEF programs.

Gary's dedication to prospecting resulted in new contributions to support Foundation programs. Some of these program initiatives include supporting SME student members, ongoing professional development opportunities for all SME members, K-12 minerals and mining education, public outreach and global initiatives to promote the industry.

Gary was unable to receive the award in person. Foundation President Bart Hyita and Past President Barb Arnold will present Gary with the Prazen statue "Discovery" at the Pittsburgh section meeting on October 22.

Congratulations Gary Takenaka, and thank you for your dedication and vision.



Professional Engineers, PE Update

The SME PE Committee got a lot of work done during the summer of 2014. On September 27 and 28, 14 members came to Denver utilizing SME's state-of-the-art meeting facility to kick off the PAKS review of the exam. PAKS stands for Professional Activities and Knowledge Study. This study is part of a seven-year cycle of complete PE exam review. The PAKS will reach a milestone when, in December of this year, 6,955 contacts will be made asking all PEs on record to fill out a survey to verify that the topics for the PE exam are correct for practicing Professional Engineers.

The SME PE Committee also met to write a computerized reference for the PE Exam. The SME PE Exam Review Course was held as scheduled in September with 55 engineers attending. This represents an increase in attendance since last year's course. Finally, the PE Committee advanced the writing, reviews and final "banking" of questions for future PE Exams.



The Foundation of the Society for Mining, Metallurgy & Exploration

12999 E. Adam Aircraft Circle
Englewood, CO 80112

Phone: 800-763-3132
Fax: 303-973-3845
E-mail: kochevar@smenet.org

What's inside?

Pg. 1	Letter from SMEF President
Pg. 2	Upcoming Events
Pg. 3	Excellence in Prospecting

The SME Foundation thanks our 2014 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>.



"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 Kochevar, Foundation Manager at 303-948-4239 or Kochevar@smenet.org