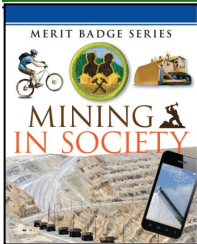




SME
FOUNDATION



Mining in Society Merit Badge Needs Counselors

Now that the Mining in Society merit badge is a reality, SME members and others in mining-related employment have a role to play more than ever before. Scouts across the United States who want to earn the badge can only do so under the guidance and expertise of enthusiastic and knowledgeable Mining in Society merit badge counselors. Whether you personally serve as a counselor, or are able to help in additional ways such as working with companies to open their doors (or mine sites) for scouts' field trips, or engage scouts in conversations about careers in mining, you are needed!

If you would like additional information about the badge's requirements, how to obtain the badge's pamphlet, locate pamphlet-related resources, become a Mining in Society merit badge counselor and to view SME's video presented at the Key-note Session, please go to:

www.MineralsEducationCoalition.org/MiningInSocietyMB

Do you have your commemorative, limited-edition Mining in Society Merit Badge / SME logo baseball cap yet? Shop at :

www.MineralsEducationCoalition.org/store.



CREATING GLOBAL PROSPERITY
The Campaign for Mining

Through *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 MEC will soon release 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.

. . . The Professional Engineers (PE) Exam Committee works tirelessly to develop questions for the PE exam. Recently, the Committee banked 41 questions for the 2015 exam.

. . . ABET accreditation continues to recruit SME members to be trained as university visitors in order to evaluate the different programs related to mining and geology across the United States and internationally.

. . . The Miners Give Back program will soon be launched and applications will be accepted for grants totaling \$25,000 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>.

Letter from the President

Happy Spring! The SME Annual Meeting was a huge success, with 6,700 attendees in Salt Lake City.

The SME Foundation's WinterFest 2014 Gala Dinner was a night to remember. The evening included a local beer tasting, a dueling piano act, casino night, a silent auction and fun door prizes!

Once again, I would like to thank all our sponsors who helped make this evening possible:



Bart Hyita, Foundation President

Barrick Gold Corp.
Brunel Energy
Cache Valley Electric
Caterpillar Inc.
Cliffs Natural Resources
CONSOL Energy
Freeport-McMoRan Copper & Gold
HyitaTech Consulting, LLC
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Jacobs Engineering Corp.
Newmont Mining Corp.
Newmont Mining Corp. - Elko, NV Group
RPA Inc.
Rio Tinto Kennecott Utah Copper Inc.
Stantec Mining
Tons Per Hour Inc.
WesTech Engineering Inc.

Also, thanks to Keys on Main, the evening's entertainment, and Wasatch Brewery for their contributions.

Thank you for your continued support!

Best Regards,
Bart Hyita

SME Foundation Executive Committee

Bart J. Hyita	President	2014
Barbara J. Arnold	SMEF Past President	2014
Dennis P. Bryan	Vice President	2014
C. Dale Elifrits	Secretary/Treasurer	2014
Bill A. Hancock	Ad-hoc Member	2014
John O. Marsden	SME President	2014
Jessica E. Kogel	SME Past President	2014



Casino night fun at the
SME Foundation
WinterFest Gala !

Upcoming Events:

Colorado Mining Association
116th National Western
Mining Conference
April 14-17, 2014
Denver, CO

USA Science & Engineering
Festival
Minerals Education Coalition
Exhibit
April 25-27, 2014
Washington, D.C.

2014 North American
Tunneling Conference
June 22-25, 2014
Los Angeles, CA

PE Exam Spring 2014 Update



The spring and summer of 2014 will be busy for the SME PE Committee. We are in the process of adding three SME members to the PE Committee, which will bring our number to 45. The Committee is tackling many issues including writing a reference for the PE exam that is part of the overall decision by the 50 states to computerize the exam. The Committee is beginning a two-year process that occurs every seven years, called the Professional Activities and Knowledge Study (PAKS). The first step occurring this year is to draft a survey to be sent to all mining/mineral processing licensed engineers in the United States, asking them to comment on the specific subject areas a PE in our discipline needs to know. The results will form the test specifications for the next seven years. We will be having a face-to-face meeting of the PAKS Subcommittee September 20 in Denver. Another activity that we are launching is a survey to be sent to the U.S. mining schools to solicit ideas on how we can increase the passing performance of the EIT examination. Finally, the bank of reviewed questions that are used to populate the 80-question PE exam is over 400, and the Committee is regularly authoring and reviewing new questions. Each exam requires a minimum of 25% new questions (at least 20 per exam) per year. The mining/mineral processing exam continues to perform excellently due to the hard work of the SME PE Committee. In 2013, there were a record 84 test takers for the mining/mineral processing exam. The PE Committee had a very productive meeting at Salt Lake City on Sunday, February 23, 2014.

Minerals Education Coalition Honors Excellence



Congratulations to the MEC's 2013 Awardees!

Each year, the Minerals Education Coalition recognizes outstanding individuals and organizations that have significantly aided in its activities and programs to educate K-12 students and increase public appreciation of minerals and mining. Any SME member or organizational unit may nominate a candidate for any award. All nominations must be submitted electronically at <http://www.smenet.org/awards> (Minerals Education Coalition) from April 1 - June 1, 2014. Once nominations are received, the MEC Awards Subcommittee will review all submissions and recommend the 2014 award winners to the SME Foundation's Board of Trustees for approval at their September Mid-year Meeting. If no nominations are received, or nominations are not recommended for approval by the MEC Awards Subcommittee, no awards will be made in any given year. All awards will be recognized at the SMEF 2015 Annual Gala Dinner and presented at the SME 2015 Annual Awards Dinner. In addition to being presented with either a plaque or framed certificate, each awardee also receives a cash prize to continue with their volunteer work on behalf of the MEC.

**MEC 2013
Leadership Award:
Julie Lucas (MN)**

**MEC 2013 Partnership
Appreciation Award:
Women in Mining**

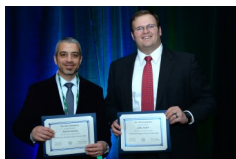


**MEC 2013 Award to an
SME Student Chapter:
University of Arizona**

**MEC 2013 Organization
Recognition Award:
Minnesota Section**

We encourage all SME members to submit nominations for the MEC's 2014 awards, so that those who volunteer on behalf of the MEC's education and outreach mission are appropriately honored.

Thirteen scholarships totaling \$77,000 were given to SME student members at the 2014 SME Annual Meeting.



McIntosh Scholarship winners:

Aaron Larry, University of Utah

Jake Colby Seiter, University of Utah

Not pictured, Ashlyn Hooten, University of Arizona



J.H. Fletcher & Co. Scholarship winners:

Ashley Hodgson, University of Utah

Peter Mather, University of Arizona

with Greg Hinshaw, President, J.H. Fletcher & Co.

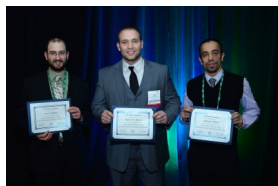


MMSA/SMEF Presidential Scholarship winners:

Kathryne Sewester, Missouri University of S&T

Colton Chase Parsons, University of Kentucky

Crystal K. Darger, University of Utah



Syd S. and Felicia F. Peng Ground Control in Mining Scholarship winners: Peng Zhang, West Virginia University; Evan Keffeler, University of Nevada-Reno; Kevin Harris, University of Kentucky; Behrooz Abbasi, Southern Illinois University of Carbondale; Christopher Newman, West Virginia University, with Bart Hyita, President, SME Foundation.

COMING SOON . . . the newest video in the
***Minerals in Our Electrical World* series. . .**



ABET Annual Program Evaluator Update and Training at the SME Annual Meeting Why? What?

Submitted by Gary Skaggs, Arden Davis and C. Dale Elifrits

SME has had a long-standing policy that member volunteers who are active ABET engineering degree program evaluators are required to attend the annual SME Program Evaluator Update and Training workshop at least once every two years. Why? This requirement is important for SME to continue to have the best and most qualified program evaluators available to visit and evaluate degree programs in geological engineering, geophysical engineering, mineral processing, mining engineering and mineral engineering in the U.S. and overseas. These update workshops cover three important aspects of responsibilities of a program evaluator: (1) changes in the Engineering Accreditation Commission's general criteria for evaluation of engineering degree programs and changes in ABET policies and procedures, (2) review and discussions about use and application of program-specific criteria for geological engineering and mining engineering programs, criteria that are SME's responsibility to develop for ABET's review and approval, and (3) "practice" for actual visits, based upon sample visit situations that program evaluators have and may again encounter – how to assess the situation, apply applicable criteria and/or policies, and how to incorporate the resulting findings into the program evaluator's report to the visiting team and, ultimately, into the draft statement for the program.

These update and training workshops are led by SME's representative director to the ABET Board of Directors, with the assistance of the alternate representative director, SME's engineering accreditation commission members, and past commissioners who continue as elected members of the Commission's Executive Committee. This year Gary Skaggs, rep. board member, C. Dale Elifrits, alternate rep. board member, Arden Davis, immediate past rep. board member, Gary McMahon, mining engineering commissioner, Joel Kuszmaul, geological engineering commissioner, and Rick Sweigard, commission executive committee member, presented the workshop.

The typical plan of this workshop is to review changes that have been made by the engineering accreditation commission to the General Criteria for Accrediting Engineering Programs and changes ABET has made to the *Accreditation Policy and Procedure Manual*. All engineering degree program evaluators, regardless of discipline, must use these criteria, policies and procedures as they conduct program evaluations. Whereas changes are few in any year, it is enormously important that our program evaluators are aware of what to expect in the coming visit cycle for the fall after the SME Annual Meeting. One of SME's engineering accreditation commission members then provides an update on campus/program visit procedures and any changes in the process of development of the draft statement to the program, which is the end deliverable of the program evaluator's efforts. Then the program-specific criteria, which amplify the general criteria, are reviewed, including a review of the intended applications of these criteria to further improve and assure the quality of the engineering degree programs for which SME has responsibility. The workshop then closes with case history type situations for practice and discussion. These situations are developed by the workshop leaders based upon situations that have confronted our program evaluators on past visits. The facts of these situations are given and the trainees are asked to brainstorm about how to "work through the situation" to come to a reasonable and acceptable conclusion that truly represents what the program evaluator decides is correct, and how to insert the needed wording into the draft statement to the program, which must be supported by the whole campus visit team.

The ABET visitor selection committee takes this opportunity to express its appreciation for all of the time, effort and dedication that SME's volunteer program evaluators invest in this essential effort to maintain the flow of well-educated and well-trained engineering degree graduates. This committee also takes this opportunity to thank the SME Foundation for its support of these activities.



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What's inside?

Pg. 1	Letter from SMEF President
Pg. 2	Upcoming Events
Pg. 3	2014 SMEF Scholarship Winners

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>.



**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