SME FOUNDATION

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Newsletter

Spring 2024

LETTER FROM THE PRESIDENT

2024 is off to a wonderful start! Our 2024 Gala was a great success and a wonderful kick-off for MINEXCHANGE in Phoenix. Thank you to all of our attendees and the partners and awardees that we honored on Sunday night. The Silent Auction was one of our best ever, with nearly 200 items auctioned including a first edition Taggart painting, a 100 oz silver bar, mineral samples, sports memorabilia and everything in-between.

On Monday we held our Corporate Roundtable Partner Luncheon where we worked with existing and prospective partners to discuss our objectives and programs, including identifying areas for growth as well as our successes. Thanks very much to everyone who participated; your insights are invaluable to our accomplishments and progress toward our mission.

If there's one thing that really stood out to me as both unique and exemplary, it was the MEC teacher workshop. We brought rural teachers from across Arizona to join MEC and SMEF volunteers to learn about minerals, materials and earth science. The workshop was very well reviewed by the attendees and continues the excellent work by MEC to engage the public through education and outreach.

Finally, welcome to our new trustees – Cat Joyner, Garland Davis, Jay Nopola, Jim Metsa, Melissa Harmon and Michael Deal. A very busy 2024 continues with Foundation activities coming up in New York and Utah, to name a few. Keep up the great work, Foundation; you are making a difference.

Best,

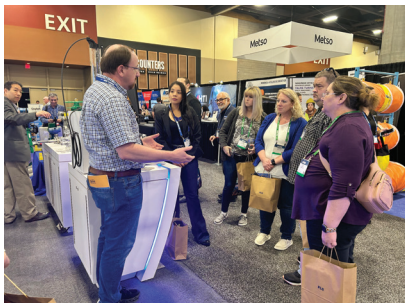
Tom Rauch
SME Foundation President

SME Foundation Leadership

Thomas C. Rauch	President
Andrew P. Cole	President-Elect
Steven C. Holmes	SMEF Past President
Catherine A. Joyner	Corporate Giving Chair
Michael T. Myers	Individual Fundraising Chair
Marc Le Vier	SME Past President
David L. Kanagy	Secretary/Treasurer

To donate to the SME Foundation, please visit us at: **smefoundation**.org

ARIZONA TEACHERS ATTEND MINING AND MINERAL RESOURCES WORKSHOP

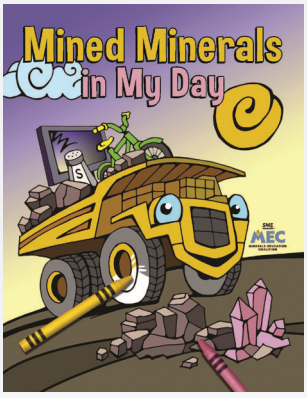


MEC worked with the University of Arizona School of Mining & Mineral Resources to hold a teacher workshop on February 27 at the Arizona Science Center during the MINEXCHANGE 2024 SME Annual Conference & Expo. The workshop provided a dynamic platform for a small group of Arizona science teachers to delve into the topic of mining and mineral resources.

The morning started with a presentation on the transition to green energy by Wendi Cooksey, then the teachers rotated through four hands-on mineral activity stations. Before lunch, the teachers heard a panel discussion focusing on workforce dynamics featuring: Lisa Rudstrom, Data Manager for Northeast Technical Services, Rebecca Siwale, Vice President and Head of Digital Services for FLS and Mario Muñoz, Recruitment & Outreach Coordinator for the University of Arizona School of Mining & Mineral Resources. The workshop concluded with small groups of student-led tours of several Expo Hall booths of mining-related companies and organizations.

This multifaceted initiative not only equipped teachers with valuable insights and resources, but also fostered an environment of collaboration and innovation in science education. MEC looks forward to planning future teacher workshops in Denver and Salt Lake City during MINEXCHANGE.

NEW COLORING AND ACTIVITY BOOK AVAILABLE TO ENGAGE YOUNGER LEARNERS



MEC has launched the new **Mined Minerals in My Day** coloring and activity book tailored for young learners in grades K-2. The coloring book provides a fun, hands-on way for children to learn more about the importance of mined minerals in their daily lives. Students can color pages about mined minerals which can be found in their meals, homes, and communities. This is a fun opportunity for young students to observe mineral shapes, understand simple mining-related concepts and explore the importance of mined minerals in all of our lives. Available in the **MEC Store** for $5; get it now for any child in your life.

FIRST QUARTER NATIONAL OUTREACH COLLABORATION (NOC) MEETING HELD AT MINEXCHANGE

The first Quarter National Outreach Collaboration (NOC) Meeting convened with 25 participants for an engaging session. The meeting commenced with a presentation titled “Making a Mining Presentation – Outlines and Strategies on How to Take Your Mining Journey to K-12 Classrooms,” setting the tone for insightful discussions. Breakout groups explored topics ranging from mined minerals in local contexts, to K-12 presentation strategies and personal journeys within the field. Group leaders provided comprehensive reports fostering knowledge exchange and collaboration. The meeting culminated in an open discussion and Q&A session underscoring the commitment to effective outreach and education within the mining community. The next NOC meeting will be held virtually in the Spring- check the SME Community for details.

NATIONAL SCIENCE TEACHING ASSOCIATION (NSTA) NATIONAL CONFERENCE ON SCIENCE EDUCATION HELD IN DENVER

MEC staff and volunteers distributed over 1,200 free rock and mineral kits at the NSTA conference March 21-23 in Denver, CO. Additional free educational materials to help teachers educate their students on the importance of minerals and mining in daily life were also handed out.

Richard Schwering, MEC chairperson for this event, noted the importance of this outreach work in relation to the future of the industry. Schwering and other members of the Colorado Section were instrumental in the success of this event.

Thank you to everyone involved in developing and presenting the program, to the numerous companies that donated rock and mineral samples and to Martin Marietta and the SME Colorado Section for sponsoring this event.

SME FOUNDATION SILENT AUCTION RAISES MONEY FOR EDUCATION PROGRAMS

The SME Foundation hosted the 2024 SMEF Silent Auction in conjunction with the SMEF Gala Dinner at MINEXCHANGE in Phoenix. Thank you to **Core Machinery** for being the auction sponsor and thank you to everyone that bid; more than $35,000 was raised from the Silent Auction this year to help fund important Foundation programs!

Thank you to the following individuals and businesses that donated items for the auction:

Adventure Mining Company
Alvin J Erickson, Jr.
Andy Cole
Anne Williamson
Arapahoe Basin Colorado
Arizona Cardinals Football Club
Arizona Sea Life Aquarium
Ballet Arizona
Barr Engineering
Bob and Pam Washnock
Boise Cascade
Brooks and Nelson
Cat Joyner - John T. Boyd Company
Scott Joyner - Montana Casting Co
CONSOL Energy
Core Machinery
Denver Broncos
Denver Museum of Nature and Science
Dorothy Snowden, D. Snowden Art
Dr. Arthur and Susan Colombo
Emeritus Prof H. Peter Knudsen, Montana Tech University
Eric Shereda
Ernest K. Lehman Family, North Central Mineral Ventures, Inc.
First Majestic Silver Corp.
FLSmidth, Inc.
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National Mining Hall of Fame and Museum
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Pat Jacomet
Patricia Maloney
Peter Haarala
Philip Thompson
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Robert Mayville
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Steve Gardner, Karen Wilson and Katie Gardner
Steve Holmes
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The Cheesecake Factory
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Tito's Handmade Vodka
Tom Rauch
Top Golf
Weimann/Maclise Restaurants
Wendi Cooksey
Will and Pam Wilkinson
Wines for Humanity
Wonderspaces Arizona

SME FOUNDATION 2023 TRUSTEE OF THE YEAR AWARD

Each year the SME Foundation Board of Trustees provide special recognition to one of their peers for their commitment, leadership and dedication to the SME Foundation. Steven C. Holmes is proudly recognized as the 2023 recipient of the SME Foundation Trustee of the Year Award. His tenure as the SMEF president and years of trustee leadership has been marked by exceptional dedication, outstanding guidance, and an unwavering commitment to the SMEF mission. He has been instrumental in developing innovative strategies, fostering strong industry relationships and enhancing the visibility and impact that has resulted in the growth and success of SMEF programs that support mining. We thank Mr. Holmes for his commitment and service to SMEF and congratulate him on this special recognition.

SME PE COMMITTEE REVIEW FROM MINEXCHANGE 2024

Submitted by Dr. Andrew P. Schissler, PE

NCEES
advancing licensure for engineers and surveyors

The SME PE Committee met February 25, 2024 at MINEXCHANGE in Phoenix for its annual business meeting, workshop and the SME Appreciation Dinner. Highlights include the writing and reviewing of questions for the SME PE Practice Exam, Edition Nine. During the business meeting, attendees utilized a formalized brainstorming process to identify activities the committee can apply to support our PE members and those who desire licensure, including students in college. Of the approximately 7,000 SME members attending MINEXCHANGE in Phoenix, 1,307 attendees identified as practicing Professional Engineers.

One item of emphasis identified by the committee is to promote students to take the Fundamentals of Engineering (FE) exam while in college or shortly thereafter. According to the National Council of Examiners for Engineering and Surveying (NCEES), the top 10 universities in US FE volume (students taking the FE) include four mining schools: Missouri University of Science and Technology, Montana Technological University, Virginia Tech and University of Nevada – Reno.

SME FOUNDATION

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what's new inside

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THANK YOU!

Thank you to our 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, please visit **smefoundation.org**.

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