FUNDING SOLUTIONS to mining’s challenges

SMEFoundation.org
VALUED SUPPORTERS,

Mined minerals are essential to the health, safety and economic vitality of communities around the world. No one understands this better than members of the Society for Mining, Metallurgy & Exploration (SME). A thriving mining industry is the bedrock for our members’ success. That’s why SME is proud to support the SME Foundation as it strategically invests in solutions to help solve the challenges facing the mining and minerals industries today.

The SME Foundation’s programs work together to encourage students to pursue careers in the industry, support professionals looking to strengthen their expertise and stay in the industry for the long haul, and empower industry experts to give back to vulnerable communities across the globe.

As the primary source of funding for SME’s education and outreach, the SME Foundation supports the mining profession and the community it serves. Please join me in giving to the SME Foundation so its good work can continue for years to come.

Sincerely,

David L. Kanagy, CAE
SME Executive Director

Shaping Young Scholars

Most people are unaware that mined minerals are the critical building blocks of modern life. They power our homes and businesses, provide safe roads and bridges, and are essential to our electronic communications.

To help close the awareness gap, the Minerals Education Coalition (MEC) provides fact-based materials for students in grades K-12 that instill the importance of mining and minerals to daily life and inspire young scholars to consider careers in the industry.

In addition to representing SME at educational events around the country and equipping SME members with student outreach tools, MEC partnered with the Boy Scouts of America in creating the Mining in Society merit badge. This allows thousands of Boy Scouts to discover the importance of minerals in their lives, explore the natural resources in their states, and learn about mine safety.

As mining companies know, a strong industry starts with strong people. Companies giving $25,000 or more to the SME Foundation each year become members of the Corporate Roundtable. These corporations have something essential in common with the SME Foundation: They invest in the people who make our companies and our industry great.

As a thank you, Corporate Roundtable Partners receive benefits that include:

- Recognition and acknowledgment in Foundation materials and at Foundation events
- Program naming opportunities (at certain contribution levels)
- Acknowledgement in SME eNews and Mining Engineering magazine
- Ability to designate investments to target priorities of your organization
- Corporate visibility on MEC website as Featured Partner of the Month
- A table for eight guests at the SME Foundation Annual Gala
- Complimentary 10x10 exhibit booth and two full registrations for the SME Annual Conference & Expo

Individuals can help solve mining’s greatest challenges today with a gift to the SME Foundation. Each year, new contributors are recognized in Mining Engineering magazine and honored at the SME Annual Conference & Expo.

It’s simple to calculate the return on an investment in the stock market or a piece of property. But an investment in solutions to mining’s challenges is difficult to quantify — its return is exponential. It strengthens the mining and minerals industry worldwide, lifting up professionals and communities.

**HOW TO GIVE**

- Visit www.SMEFoundation.org and click “Donate Now.”
- Mail your gift to SME Foundation, 12999 E. Adam Aircraft Circle, Englewood, CO 80112.
- Contact AnnMarie Estrada, Foundation Manager, at 303.948.4239 or estrada@smenet.org to discuss how you can make an impact in a way that is meaningful to you.
Educating Tomorrow’s Leaders

Rigorous and specialized education is imperative for leaders in the mining and minerals industries. Yet trends show fewer college students are pursuing the degrees needed to work for our companies. What’s more, there are too few graduate students choosing careers in academia to teach the next generation of professionals. As a result, companies struggle to maintain high-level expertise and knowledge when workers retire and the baton is passed.

The SME Foundation is taking action through programs like these:

- **ABET, Inc.**, the accreditation board for engineering and technology programs, accredits university programs that ensure a skilled workforce for mining/minerals companies. By keeping education standards high, ABET ensures new professionals are prepared for long and successful careers.

- Through **scholarships**, intelligent and committed college students receive financial support to pursue degrees related to mining that give them a head start in the industry.

- The **PhD Fellowship and Career Development Grant Program** supports qualified candidates with industry and academic experience as they pursue tenured faculty roles at ABET-accredited schools. This ensures the schools that train our professionals have strong leadership for decades to come.

- The **Professional Engineer (PE) exam** program develops the specialized exams required nationwide for mining, mineral processing and geological engineers and creates a common global standard for professional quality.

The SME Foundation’s programs help increase the number of skilled workers available to the mining industry.

Paying it Forward

Lack of clean water, healthy sanitation, reliable infrastructure, accessible energy and sustainable agriculture significantly hinder the growth of developing countries. SME members have the expertise needed to address such challenges. **Miners Give Back**, the Foundation’s collaboration with Engineers Without Borders USA (EWB-USA), connects global communities in need with our mining and engineering experts to improve lives and inspire a commitment to service.

Twice a year — spring and fall — the SME Foundation grants at least $5,000 to EWB-USA projects to improve communities around the globe.
Funding Solutions

Each of the SME Foundation’s programs offers strategic solutions to mining’s challenges.

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<tr>
<th>CHALLENGE</th>
<th>SOLUTION</th>
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<tbody>
<tr>
<td>Lack of public understanding about how essential mining and minerals are</td>
<td>Minerals Education Coalition (MEC)</td>
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<td>to daily life</td>
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<td>Graduates need to be prepared for workforce demands and mining education</td>
<td>Accreditation Board for Engineering and Technology (ABET)</td>
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<td>programs must be sustained</td>
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<td>Need for skilled workforce and expertise are outpaced by industry demand</td>
<td>College scholarships</td>
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<td>and shrinkage as senior professionals retire</td>
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<td>High demand for college-educated workers despite small academic community</td>
<td>PhD Fellowship and Career Development Grant Program</td>
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<td>and anticipated leadership gap as tenured faculty retire threatens mining</td>
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<td>school accreditation</td>
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<td>to poverty in developing nations</td>
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The mission of the SME Foundation is to be the source of funding for education and outreach of SME and the community it serves.

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Englewood, CO 80112
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