



◆ Diamond Award ◆

The Society for Mining, Metallurgy & Exploration and its Foundation would like to formally recognize Drs. Syd S. and Felicia F. Peng for their individual lifetime giving achievement. The Peng's were recently honored at the 2018 Annual Conference & Expo in Minneapolis, MN with the Diamond Award.

This award recognizes those individuals who have contributed over \$1 million to SME and the SME Foundation. Dr. Peng is the Charles E. Lawall Chair of Mining Engineering in the Department of Mining Engineering at West Virginia University. He has been a member of SME since 1968 and he and his wife, Felicia, have generously contributed to the scholarship fund that was established in their name to promote the science of ground control.

We are extremely grateful for the Peng's generous contributions and for all of the remarkable work they continually do for the SME Foundation.



SME Foundation Executive Committee

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Letter from the President

We are deeply appreciative for our core Corporate Round Table supporters who presently provide over 50% of our total funding in support of our mission's critical programs: Ph.D. Fellowship and Career Development Grant Program, ABET, MEC, PE and Miners Give Back. These supporters are identified in this newsletter. I would like to personally thank the newest members to join including Stantec and CONSOL. We welcome back CONSOL Energy who, after being an early and consistent Foundation supporter, has once again returned to the Corporate Round Table.



Our critical Ph.D. Fellowship and Career Development Grant Program, where we are assisting academic career oriented students and junior faculty working toward gaining tenure, is already having success. Our overall goal is a 'move the needle' support to gain 10+ tenured positions by 2025. This initiative is expensive, accounting for over \$1.3 million per year during the peak 2019-2022 academic years. We will only be successful if we direct as much focus as possible on funding this program.

We are seeking long term commitments from several companies to annually and fully fund the PE program, similar to Murray Energy fully funding the ABET program. All companies will be associated and recognized as supporters of the PE program. Annual cost is approximately \$60,000. We also feel this will provide a great recognition for companies committed to our profession and industry.

Key stakeholders and beneficiaries, we feel, are engineering companies, but a diverse range of organizations benefit from employing people having a PE License. Please consider making a commitment to support the PE program financially. We consider every gift significant and a valued support. In fact, we would like to recognize and thank our newest Corporate Roundtable Partner, Stantec, as an inaugural supporter of the PE Exam Program.

I want to express my heartfelt appreciation for all donors and supporters in helping us to support all of the important SME Foundation programs we are charged to fund.

Best Regards,

Bill Hancock

Upcoming Events:

 <p>NAT 2018 2018 NORTH AMERICAN TUNNELING CONFERENCE</p> <p>2018 North American Tunneling Conference June 24-27, 2018 Washington, DC</p>	 <p>2018 International Conference on Ground Control in Mining Conference July 24-26, 2018 Morgantown, WV</p>	 <p>33RD ANNUAL FLORIDA SME REGIONAL MINING CONFERENCE</p> <p>2018 SME Florida Conference October 10-11, 2018 Lakeland, FL</p>
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////// USA Science and Engineering Festival



The Minerals Education Coalition (MEC) of the SME Foundation participated in the 5th USA Science & Engineering Festival Expo at the Walter E. Washington Convention Center, Washington, D.C., on April 6-8, 2018. Designed to inspire the next generation of inventors, creators and innovators, this free family-friendly expo allowed kids and adults to participate in thousands of science activities and drew more than 370,000 people.

With opportunities for children to try on personal protection equipment, view rock and mineral samples and interact with experts in the mining industry, MEC worked to enlighten the public about the origins of daily objects while exposing students to the myriad of career paths available in the field. None of this would have been possible without volunteers Katie Kosloski, Mark Creager, Mike Kaas, Deb Kosloski, Alma Paty, Shane Gardner and Britt Cupp. MEC would also like to thank the American Coal Foundation and Luckstone for their generous donations of samples and volunteer time.

Geology Degree Program Accreditation Update

C. Dale Elifrits, R.M., D.M., SME



Subsequent to SME having been asked to provide the ABET Program Evaluator for the first ever ABET accreditation visit to a U.S.-based geology degree program in September 2016, SME offered to be the Interim Lead Society for the accreditation of geology and geological science degree programs by the Applied and Natural Science Accreditation Commission (ANSAC) of ABET. This offer was accepted by ANSAC and its Board of

Delegates. SME was encouraged to develop geology degree program-specific criteria for use in this accreditation activity.

At the February 2017 SME Annual Conference & Expo, the Accreditation and Curricular Issues subcommittee of the SME Council on Education appointed an Ad Hoc committee tasked to develop a draft set of program-specific criteria for accreditation of geology/geological science degree programs. Past SME President and SME member Will Wilkinson, and retired State Geologist and SME member Jon Price, served on this committee which was chaired by SME member C. Dale Elifrits. During 2017, this Ad Hoc committee developed draft program criteria based upon input from professional geologists, "Task Analysis" data from the National Association of State Boards of Geology (ASBOG®), information from the American Institute of Professional Geologists (AIPG) Ad Hoc Committee

on Curriculum report, the California Board of Licensure of Professional Geologists and practicing Professional Geologists.

These draft program criteria were approved by the SME Accreditation and Curricular Issues subcommittee (NB: The ASBOG® Board sent Jason Patton, Board Secretary, to this meeting to thank SME for these efforts!) and the Council on Education at the 2018 SME Annual Conference & Expo, and forwarded to the SME Board of Directors. The SME Board approved these draft program criteria at its meeting 01 March 2018. Subsequently, these program criteria were forwarded to ANSAC/ABET on 16 March 2018. The Criteria Committee of ANSAC will now examine these and consider them for ABET public comment, in preparation for consideration of adoption.

Thanks to Will, Jon and Dale for their detailed examination of the available information to produce these program criteria, and thanks to many fellow professional geologists for their input, to the ASBOG Board of Directors for their encouragement and support, to the California Board of Licensure for Professional Geologists for their input, and to members of the Association of Environmental and Engineering Geologists who reviewed these criteria and offered constructive and supportive comments. Note to professional geologists in SME: As geology degree program accreditation activity ramps up, we invite you to volunteer to be trained by SME and ABET to be a program evaluator for geology degree programs.



MineralsEducationCoalition.org

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 Next Gen

Move Mining and **Move Mining Next Gen** for 2017-2018 were great successes. SME and the Minerals Education Coalition would like you to join us in congratulating Team “Teaching Kids,” the winners of the 2017-2018 Move Mining competition. This team of five students from Colombia shared their idea on how to change the public’s perception of mining by motivating youth during key developmental years.

The 2017-2018 Move Mining competition season was truly an international affair with competitors participating from all over the globe and the finalist teams presenting at the 2018 SME Annual Conference & Expo representing more than ten countries, and more than 3,310 viewers from more than 113 countries voting prior to the event on their favorite team videos online at www.movemining.org.

The Move Mining live event was made possible in part by sponsorship from PolyMet Mining and help from many volunteers.

Move Mining Next Gen also spread around the world with over 12,000 views on the website and votes and views from 50 states and 70 countries of the more than 100 videos submitted by K-12 student teams at www.moveminingnextgen.org, where you can view the winning videos.



May 1, 2018, is the opening date for the 2018 Move Mining and Move Mining Next Gen competitions. Both competitions will engage individuals and teams from around the world using technology, creativity and innovation to share their ideas on how to positively change or “move” the public’s perception of mining. Submissions will be posted online at www.MoveMining.org and www.MoveMiningNextGen.org. All adults, from non-industry adults to college students to industry professionals can enter the Move Mining competition. The Move Mining Next Gen competition is for all students from kindergarten through twelfth grade.

www.MoveMining.org
www.MoveMiningNextGen.org



Miners Give Back

The Miners Give Back (MGB) converted from an ad-hoc committee to a standing committee. The committee members are Matt Furniss, John Murphy, Tom Rauch and Michael Trevits. Project proposals received from Engineers Without Borders (EWB) will be evaluated and a selection made in April. SMEF requires that at least one project team member be an SME member.

While this has, at times, restricted the number of proposals eligible for consideration, we find the stipulation an opportunity to encourage continued involvement from the SME membership pool. The MGB committee encourages SME members to promote SME student sections to consider participation in future EWB Calls for Proposals. In an attempt to increase fundraising activities for 2018, the MGB Committee has partnered with the Young Leaders Committee (YLC). The MGB/YLC combined fundraising aims to raise the full \$11,500 of grant and expenses outlined in the 2018 budget.

The fundraising focus will be a matching program between young industry professionals and matching sponsors in an effort to raise awareness around the importance of philanthropy in our young professional community. Contributions to support this benevolent program can be made through the SME Foundation. Please visit the SME Foundation website for more details. www.smefoundation.org



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Thank You!

The SME Foundation thanks 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 the Foundation website at www.smefoundation.org.



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