



MINING AND MINERALS EDUCATION FOUNDATION  
Thomas L. Aldrich, Executive Director  
PO Box 42317 , TUCSON, AZ 85733  
520-577-7519 (office)

September, 2023  
[Home \(miningeducationfoundation.org\)](http://miningeducationfoundation.org)  
[admin@miningfoundationsw.org](mailto:admin@miningfoundationsw.org)

# CONCENTRATES



## 41ST ANNUAL



# AMERICAN MINING HALL OF FAME

Excitement is all around as the 41st Annual American Mining Hall of Fame Banquet and Awards Ceremony will be back live and in-person at the JW Marriott Star Pass Resort & Spa on December 2, 2023 and promises to be bigger and better than ever as we celebrate this year's nominees and honor mining's past. Be sure to get your tickets and make your room reservations as early as possible. Last year the block of rooms sold out before the cut-off date which is November 10.



TICKETS - [Payment Form \(miningfoundationsw.org\)](http://miningfoundationsw.org)



RESERVATIONS - [Society for Mining Metallurgy & Exploration, Incorporated 2023 - Learn about the event and search for hotels \(passkey.com\)](http://miningfoundationsw.org)

**SPONSORSHIPS** for the American Mining Hall of Fame are what will fund our Outreach program and coordinator for the coming year. MMEF greatly appreciates the generosity of those who have already donated and are listed on our website and below. For those who have contributed in the past, we appreciate your consideration for this year and hope that you will become a sponsor so that the Outreach Program will continue to evolve and stimulate interest and understanding of mineral resources and the mining industry in today's youth. [2023 Sponsors \(miningeducationfoundation.org\)](http://miningeducationfoundation.org)

**DIAMOND:** Grupo Mexico Mining/ASARCO and Komatsu;

**PLATINUM:** Ames Construction, Epiroc, Freeport-McMoRan, Hexagon and M3 Engineering;

**GOLD:** Empire Southwest, Ruen Drilling, Rummel Construction and Westland Resources;

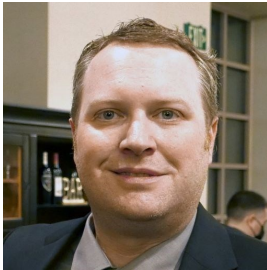
**COPPER:** Capstone Copper, Caterpillar, Independent Mining Consultants, Major Drilling, Origin Mining Company, Recon Engineering & Construction, Resolution Copper, Southwest Energy, SRK Consulting; and Turner Laboratories

**SILVER :** Apache Nitrogen Products, Ausenco, BGC Engineering, Cascade Drilling, CEC, DeConcini McDonald Yetwin & Lacy, P.C.; Dempsey Family Fund, E3 Strategies, First Majestic Silver, Florence Copper, John Fenn, Hudbay (Copper World), KGHM Carlota Mine, Liebherr, <McGuireWoods, MMSA; Modular, Montgomery & Associates, Next Plan LLC, Pam & Will Wilkinson, Professional Minerals Development, Ryerson, Skyline Assayers, TP McNulty & Associates, George Tsiolis Law, Valley Forge and Bolt Company and Yellow Jacket Drilling Services

**OTHERS:** AMIGOS and National Mining Hall of Fame & Museum

## President's Corner

### MESSAGE FROM PRESIDENT, ROBERT TRACY, THYSSEN MINING



#### Happy Fall, everyone.

Hopefully the changing of the seasons brings some nice weather after the eventful summer. With fall settling in, that means the Hall of Fame Banquet is only a couple months away. We are excited for the event as we currently have 49 sponsors and have sold over 428 tickets for the banquet, but we have a way to go to meet our goals.

If you have not already, please commit to being a sponsor and purchase your tickets for this event. Membership dues, in addition to the banquet fundraising, are important for the Mining and Minerals Education Foundation to be able to advance its goals. Membership is currently at 124 members, which is down 4 from last year. For those of you who still need to renew, please do so online. If you are not a member, please consider it and visit our website for more information. All of these contributions help fund the Foundation's Educational and Public Outreach Program. Thank you sponsors and members for your continued support and we look forward to seeing everyone at the 41st annual American Mining Hall of Fame Banquet on December 2nd at the JW Marriott Tucson Starr Pass Resort & Spa.



#### Hall of Fame Chairman

Shawn Hamilton, Ryerson

#### Hope to see you all at the banquet.

As we all celebrate making it through another sweltering Arizona summer, we get to look forward to yet another celebration of some outstanding and influential individual contributors to mining and mineral resources. Mark your calendars for the evening of Saturday, December 2nd and join us at the beautiful Starr Pass resort in Tucson to attend the 41st American Mining Hall of Fame Award Ceremony and Fundraiser. We have a terrific event planned for you that is fitting to celebrate the lives and achievements of those we are honoring. We would be remiss if we didn't express our gratefulness to all that have come alongside the MMEF both in the past and this year, contributing by being a member, sponsoring the event or by attending the Hall of Fame Banquet in person. Importantly, I'd like to highlight that we have been greatly encouraged this entire year as support for this year's event started off strong and maintained incredible momentum throughout! Please consider being a part of the MMEF's mission of helping the public and in particular the younger generations understand the key importance mineral resources to our modern way of life. Thank you for your support!





# 41ST ANNUAL AMERICAN MINING HALL OF FAME HONORIES



### 2023 Inductee

**Xavier Garcia de Quevedo , Executive Vice President and Vice Chairman,  
Grupo Mexico**



### 2023 Medal of Merit Recipient

R. Gene Dewey , President and CEO of Molycorp, Retired Mining Executive



### 2023 Medal of Merit Recipient

Edson R. McCord, Retired Caterpillar, Electric Drive Truck Expert



### 2023 Medal of Merit, Young Professional Recipient

Benny Corbel , Mine Manager, Bagdad Freeport-McMoRan

### Mining's Past Recipient



Joseph R. De Lamar (1843 – 1918), Mine Owner and Operator



Felix P. McDonald (1875 – 1936), Block Caving Innovator



Stuart A. Bengson (1943 – 2021), Mine Reclamation Pioneer



Dr. Stanley M. Howard (1945 – 2021), Inspiring Metallurgical Educator



### 2023 Industry Partnership Award Recipient

Ames Construction

Ames Construction, Inc.®



### 2023 Special Citation

Arizona Copper Art Museum





# IN MEMORIAM



## R. Gene Dewey 1940 –2023

### 2023 Medal of Merit Recipient

(Published in Taos News, Wednesday, September 19, 2023)

April 17, 1940 ~ August 17, 2023 Rancho Palos Verdes. Gene Dewey was born in Sewickley, PA in April of 1940. He Graduated from the University of Arizona in 1961 with a B.S. in Business Administration with scholastic honors. He met his wife Lynne in college and they were married in 1960. After

graduation, they spent one year in Pennsylvania working at a steel mill and then returned to Arizona where Gene worked at The Ray Mines Division of Kennecott Copper Corporation, rising to the position of shift foreman in the open pit. In 1967 they relocated to Taos, NM, where Gene spent 10 years at the Questa Mine, Molycorp, Inc's open pit molybdenum mining operation. Gene became General Superintendent of operations in 1969, Resident Manager in 1972 and General Manager in 1974. Molycorp was the largest employer in northern NM, occasionally peaking at over 1,000 employees. In 1975 Gene was promoted to VP of Mining and Exploration for Molycorp and relocated to the New York office. In 1977 Molycorp merged into Unocal Corporation. In 1979 Gene was transferred to Unocal's corporate offices in Los Angeles. Gene was promoted to President of Molycorp in 1985 and to VP of Carbon and Minerals in 1991. He retired in June of 2000, bought a 47-foot cutter rigged sloop and sailed it from Ft. Lauderdale to Trinidad in 2001 and back in 2002. Since that time, he and Lynne have been sailing around the world a few weeks every year on rental sailing vessels with their friends. He was a neighborhood volunteer in civic matters and events. His hobbies included swimming, biking, hiking, paddle tennis, sailing, hunting and skiing. Gene is survived by his wife Lynne, son Mark and daughter-in-law Patricia.







School of Mining  
& Mineral Resources



## OUTREACH CORNER BY CHRIS EARNEST

### A new semester of Mining learning and discovery,

As the outreach program moves into high gear for the semester, the radiator of the outreach-mobile is thankful for the cooler weather fall brings. The fall also brings the opportunity for the outreach program to share these highlights from the start of the semester with you.

With the great support of the Mining and Minerals Education Foundation behind it, the outreach program kicked off the new school year with a road trip. We were thrilled to visit Kingman Academy High School's seven earth sciences classes to help students discover how mining provides society with the materials it needs to make everything from makeup to smartphones. As students practiced their mineral identification skills they said that they enjoyed "Learning about the different mines and uses of minerals." Over the course of the day, Outreach Intern John Gengler and Chris talked to over 180 students and their teachers. We are looking forward to our next trip to Kingman to meet more of the amazing students and teachers who live there

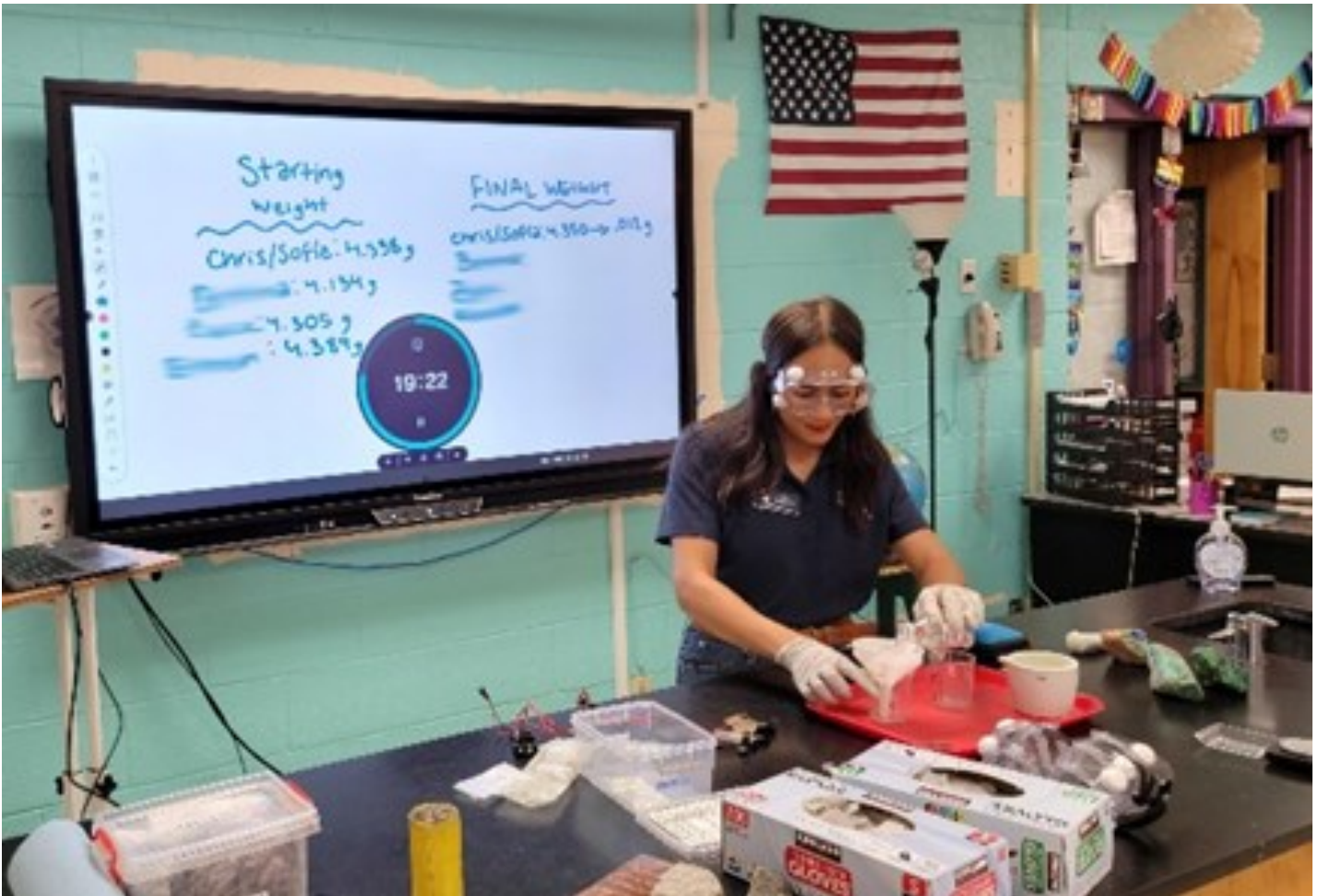


The cooler weather brings communities together for events outside once more. Chris and John went down to Willcox to participate in the Community Festival at Willcox Middle School. They liked us so much last year that we received a special invitation to come again back this year. The evening was fun and busy as Chris and John showed students and their parents where Arizona's mines are, what minerals are mined for different metals, and how to build a circuit using copper. The outreach program will head down to Willcox again this winter to present to the middle school science classes.

*John Gengler shows students in Willcox how copper and lithium are used to make electronics work.*

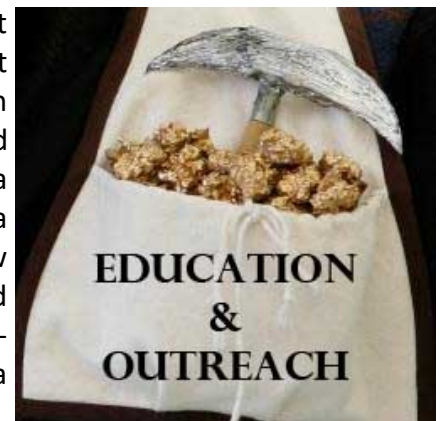


## Outreach Cont.



*Sofia Rodriguez gives students tips for improving their electrowinning cells at Utterback Middle School in Tucson*

Think back to when you were in school. When did you start thinking about education and careers? For students across Arizona, the answer to that question is in Middle School Advancement Via Individual Determination (AVID) classes. These classes empower students with the skills they'll need to succeed in higher education while showing them the amazing careers a degree can help them pursue. In early September, outreach Intern Sofia Rodriguez instructed the AVID students at Utterback Middle School on how to build and then improve a simple electrowinning cell. The students raced the clock to produce more copper than Sofia had during her demonstration. The combination of science, engineering, and problem solving was a great introduction to the career of Metallurgist.







## Outreach Cont.



The highlight of the fall for Chris so far has been his trip to Kyrene Traditional School in Chandler to talk to the 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade science classes. The students were excited to learn how to identify minerals and discover what we use those minerals for. After a great day of learning the students got together and wrote a set of thank you letters to Chris. A couple of students even wrote their letter in Japanese! It was a welcome surprise to read how much the students enjoyed the activity.

Kyrene Traditional Academy  
3375 W. Galveston St. • Chandler, AZ 85226

Dear, Mr. Chris Earnest.

Thank you, you taught us where minerals can come from and how to tell it is a mineral. It was very cool that we got to hold the minerals and observe them. The activity was wonderful and a good experience for everyone.

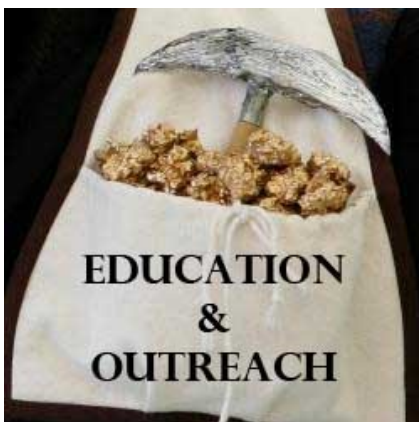
We appreciate you taking time out of your day to come visit us and teach us about minerals. My table group enjoyed when you were talking about mines and how they extract minerals and rocks from the ground. Once again, thank you so so so much for coming in and showing us what you do best!

Best regards,

I [redacted], S [redacted], H [redacted]



*One of the thank you letters Chris received from the students at Kyrene Traditional School.*



To close out, the whole education outreach team will be hosting an activity table in front of the Alfie Norville Gem and Mineral Museum for Tucson Meet Yourself on October 13<sup>th</sup> and 14<sup>th</sup>. Please do stop by to say hello if you are in Tucson and take advantage of free admission to the museum on those days. As always if you know of an educator who would like to see the outreach program come to their classroom this fall or winter, please tell them to contact Chris at [earnest@arizona.edu](mailto:earnest@arizona.edu) or to visit <https://minerals.arizona.edu/engagement> to sign up for a presentation.

## **HALL OF FAME COMMITTEE MEETING**

Date: Wednesday, October 11, 2023

Time: 3:30 p.m. — 4:30 p.m.

ZOOM

RSVP: [admin@miningfoundationsw.org](mailto:admin@miningfoundationsw.org) or 520-577-7519



## **BOARD OF GOVERNORS MEETING**

Date: Wednesday, November 8, 2023

Time: 4:15 p.m. — 5:30 p.m.

ZOOM

RSVP: [admin@miningfoundationsw.org](mailto:admin@miningfoundationsw.org)

or 520-577-7519





## **MMEF 2023 DONATIONS (\$163,161.00)**



**MMEF President Robert Tracy is pleased to announce the following donations have been approved by the Board of Governors of MMEF and dispersed to each organization.**

- **Arizona Geological Survey**
  - \* Funding for Arizona Mining Review Monthly Live stream Podcasts.—**\$2,000.00**
- **Children’s Museum of Tucson**
  - \* Donation for Annual Family SciFest Day—**\$1,000.00**
- **Donations to the SME student chapters**
  - \* Colorado School of Mines—**\$1,500.00**
  - \* Montana Technological University—**\$1,500.00**
  - \* New Mexico Institute of Mining & Technology—**\$1,500 .00**
  - \* South Dakota School of Mines—**\$1,500.00**
  - \* University of Arizona—**\$1,000.00**
  - \* University of Nevada, Reno—**\$1,500.00**
  - \* **University of Texas at El Paso— \$1,500.00**
  - \* University of Utah.—**\$1,500.00**
- **Donations to the SEG Student Chapter**
  - \* University of Arizona—**\$1,000 .00**
- **The University of Arizona**
  - \* School of Mining & Mineral Resources , Outreach program—**\$129,661.00**
  - \* School of Mining & Mineral Resources - **\$1,000.00**
  - \* Dept. of Mining and Geological Engineering—**\$1,000.00**
- **PIMA JTED Foundation**
  - \* Donation to fund a student scholarship—**\$3,000.00**
- **SARSEF**
  - \* Sponsorship —**\$1,000.00**
- **Bullion Plaza Cultural Center & Museum , Miami , AZ**
  - \* Installation of Diorama display —**\$12,000.00**

### **Mission of the MMEF**

**Working to educate the public about mineral resources and the mineral extraction and processing industries while honoring outstanding accomplishments in the mining industry both past and present.**

**BUILDING THE FOUNDATION  
TODAY FOR THE WORLD  
TOMORROW**



The conference program covers the latest developments on mining projects and technical innovations in the areas of mining, geology, metallurgy, environmental, new projects and blasting, in the Southwest United States and Northern Mexico. It is a focused event unique to the challenges and opportunities of the mining business in the desert southwest.

**December 3 & 4 2022**

**JW Marriott Star Pass Resort & Spa**

**[Register - SME Arizona Conference 2023 \(smeaz.org\)](https://smeaz.org)**

**HOTEL RESERVATIONS:** [Society for Mining Metallurgy & Exploration, Incorporated 2023 - Learn about the event and search for hotels \(passkey.com\)](https://smeaz.org)

- **THE FINAL EVENT OF A "MINING WEEKEND"**
- **UNIVERSITY OF ARIZONA SME STUDENT CHAPTER GOLF TOURNAMENT –DECEMBER 2**
- **AMERICAN MINING HALL OF FAME BANQUET PRESENTED BY THE MMEF–DECEMBER 2**
- **AMIGOS CASINO NIGHT–DECEMBER 3**





The Annual Diggers & Duffers Golf Tournament is an ongoing tradition for the University of Arizona's SME Student Chapter and acts as our primary fundraiser. Throughout the past few years, we have had a dramatic increase in membership and participation, and were even able to send 35 students to MINEXCHANGE 2023 in Denver, Colorado. The proceeds from this tournament are used to directly help student members experience meaningful professional and educational opportunities. These include sending students to MINEXCHANGE 2024 in Phoenix, the Intercollegiate Mining Games in Missouri, and on field trips to mine sites and other educational locations.

We wouldn't be able to grow our members into the industrial professionals and leaders of tomorrow if not for your generous contributions. On behalf of the University of Arizona's SME Student Chapter, thank you for registering for the 28th Annual Diggers and Duffers Golf Tournament through Eventbrite!

Registration includes: 18 holes of golf, exclusive goodie bags, T-shirts, unlimited driving range access, golf cart, lunch and more! The link to the Eventbrite is [28th Annual Diggers and Duffers Golf Tournament Tickets, Sat, Dec 2, 2023 at 6:00 AM | Eventbrite](#)

Listed below are our sponsorship levels:

Gold Sponsorship (\$4,000), Silver Sponsorships (\$2,500), Copper Sponsorship (\$1,000), Individual Hole Sponsor (\$500), Donations (\$\$\$?)

Companies can choose to remain anonymous and receive a tax deduction. If you or your company would like to become a sponsor of the tournament, please email [uarizonasme@gmail.com](mailto:uarizonasme@gmail.com)



# Don't miss your chance to recruit the next generation of superstar mining talent!

Student  
Career Fair

Nov. 8  
9.30 AM - 3 PM

University of  
Arizona Mall



Join us for **Mines for Limitless Minds**, an outdoor fair that brings the world of mining and minerals directly to University of Arizona students.

Students will learn what mineral resources are, how we use them every day, and how to mine them responsibly. Most importantly, they'll learn how they can be a part of this exciting & rewarding field.

Be a part of their career journey  
by **registering now!**

<https://mining.arizona.edu/mines-limitless-minds-2023>

Scan  
here to  
register





COLLEGE OF ENGINEERING

Mining & Geological  
Engineering



## Lacy Lecture Series

Friday, November 3 2023, 4:00 pm to 6:00 pm , Location TBD

The annual W.C. Lacy Distinguished Lecture is a tribute to Willard C. "Bill" Lacy, the first head of the combined Department of Mining and Geological Engineering at the University of Arizona.

The 2023 speaker will be Barbara Filas, a licensed professional engineer, NAE member, third-generation miner and a 1978 mining engineering graduate from the University of Arizona.

Speakers are chosen for their prominence in, and outstanding contributions to, the mining industry. In their talks, they share personal experiences, examine case studies and offer best practices for the modern mining engineer.



Addressing the law of Gems and Gemstones.

@THE UNIVERSITY OF ARIZONA | November 9, 2023

*Sponsored by The University of Arizona Global Mining Law Program, a collaboration of the James E. Rogers College of Law and the School of Mining and Mineral Resources*

Sponsored and hosted by The University of Arizona James E. Rogers College of Law Global Mining Law Program and the School of Mining and Mineral Resources.

Registration info will be available soon



THE UNIVERSITY OF ARIZONA

James E. Rogers  
College of Law



School of Mining  
& Mineral Resources



## Member Corner



*We welcome our newest member's*



### **Francisco Barrios, Tierra Group International**

Barrios is a consultant for Tierra Group International specializing in business development, project management and engineering. He is a graduate of the University of Colorado with a B.Sc. In Civil Engineering and a M.Sc. In Civil Engineering from the University of Arizona. He also holds a MBA from the Thunderbird School of Global Management. He is a member of SME and the Association of State Dam Safety Officials.



### **Roman Campuzano, Business Advocate**

Campuzano is an advocate for business betterment and community enrichment . He has over 10 years working in the Insurance Industry. Campuzano was Vice President of Business Development at the Tucson Hispanic Chamber of Commerce from 2015—2018. He recently joined SME and is getting to know the mining industry.



### **Jim Fowler, Elevation Gold**

Fowler is General Manager of the Moss Mine for Elevation Gold and has over 35 years of international mining experience across both open pit and underground operations in multiple commodities. Jim has previously served as Managing Director at three different CMOC operations, Vice President of North American Operations for Kinross Gold Corp, and held various leadership positions with Freeport McMoRan/Phelps Dodge. He holds a B.S. in Geology from California State University Sacramento.



### **Cliff Ogle, Victaulic**

Ogle is Territory Manager, Mining Sales for Victaulic since 2019. Previously he worked for ADP as a Major Accounts District Manager, for UniFirst Corporation and for JP Morgan Chase. He holds a B.A. in Political Science and Economics from The University of Arizona.



### **Scott Shields, Road Machinery**

Shields is a fifth-generation Arizona Miner and earned a B.Sc. In Mining Engineering from The University of Arizona. He is presently Vice President & General I manager remanufacturing and Digital Solutions for Road Machinery. Previous he was at Nevada Gold Mines in Elko, NV, Freeport-McMoRan. In Morenci and at oy Global. In 2014, he was honored with a Medal of Merit under 40 Award from the MMEF.



### **Robert Walsh, Retired**

Walsh is a retired mining professional with 43 years in the mining industry. He has a BA in Geology from the University of Colorado and a Masters Degree from the University of Wisconsin . He worked at mines in Alaska, Nevada, Montana, South Carolina, Arizona, and California as well as in Guyana and Chile. Walsh most recently was the President and CEO of the Golden Queen Mining Co. in California (gold).. He presently serves on the Board for the Bullion Plaza Museum in Miami, and contributes greatly to refurbishing the Mining Diorama. While at Carlota, he obtained the last patented mining claims issued in the United States..

**Help us grow the membership! Go out and find a new member! Ask a business associate or convince a friend. Shake it up, stir it and let it simmer!**