



MINING FOUNDATION OF THE SOUTHWEST
 Thomas L. ALDRICH, Executive Director
 PO Box 42317 , TUCSON, AZ 85733
 520-577-7519 (office), 520-577-7073 (fax)

January, 2021
www.miningfoundationsw.org
admin@miningfoundationsw.org

CONCENTRATES



Hall of Fame Chairman, Andrew Soderman
Mine Manager, Sierrita Mine
Freeport-McMoRan



The 38th Annual Mining Hall of Fame event was a huge success. A big thanks goes out to Tom Aldrich and the Hall of Fame Committee for their hard work in putting together this event. The funds raised from sponsorship for this event were the fourth highest on record. That is a huge accomplishment based on how 2020 started out and the uncertainty of even having an event. With that I can't say enough about our sponsors, they really pulled through in supporting our organization. We had 60 sponsors for the first time. These funds will be used to continue our outreach program in 2021. By the way, Chris Earnest is doing an outstanding job as the Outreach Coordinator. Keep up the good work Chris.. Lastly, thanks goes to Hexagon for hosting our virtual award event. The staff at Hexagon ran the technical aspects of our event and were of great assistance in organizing the event. I look forward to building on last year's successes and am excited for what 2021 has to offer for the Mining Foundation.

THANK YOU 2020 SPONSORS

A BIG Thanks to our Sponsors!



A BIG Thanks to our Sponsors!

DIAMOND - Hexagon

PLATINUM - Lundin Mining, M3 Engineering and Southwest Energy

GOLD - Ames Construction, ASARCO LLC, Capstone – Pinto Valley, Doosan Bobcat, Empire Southwest, Epiroc, Freeport-McMoRan, Gary Goldberg, Corolla (Cori) Hoag, IMC, MMSA, Modular Mining, Newmont, Pioneer Equipment, Resolution Copper, Ruen Drilling, Rummel Construction, SRK Consulting, South32 and Stantec;

SILVER - BGC Engineering, Call & Nicholas, CalPortland, CEC, CTI, DMYL, The Dempsey Family Fund, John Fenn, Fennemore, Florence Copper, Golden Vertex, Golder, Haley & Aldrich, Hudbay, KGHM (Carolta Copper), Terry McNulty, Meridian, Montgomery & Associates, Origin Mining, Quarles and Brady, Brad & Linda Ross, Smithco Enterprises, George Tsiolis Law, Valley Forge and Bolt Company, Westland Resources, Pam & Will Wilkinson, Wood and Yellow Jacket Drilling Services;

OTHERS - AMIGOS, Brooks & Nelson, CAID, E3 Strategies, Kathy and Doug Arnold, Knight Piésold Consultants, NMHOF & Museum and Rod Woodcock.

MESSAGE FROM OUTGOING PRESIDENT, REBECCA MARTINEZ



Happy New Year to each and every one of you! I hope that you all enjoyed the holidays. A big thank you to all of the Hall of Fame committee members, Andrew Soderman and Thomas Aldrich for all the hard work last year. The Banquet was such a success and I couldn't be prouder to work with a great group of professionals. Also a HUGE thank you to HEXAGON! A professional team that really helped to make the Awards Ceremony a huge success. They were so welcoming and gave us great tips for a professional presentation.

I am so honored to have had the privilege of being the MFSW President in 2020. It was definitely a difficult year; however, I am so impressed with all the great ideas on how to stay connected, modification of the education outreach program for virtual classrooms and ideas on how to continue with the awards ceremony. Not to mention how efficient we all got at online meetings! We all stayed connected and we all persevered.

On February, 10 we will have our Annual meeting and I will pass the baton off to Andrew Soderman. I am looking forward to a great year with Andrew and I will continue to be on the Hall of Fame committee. I have been very fortunate in my life to have great mentors and professionals helping me along my way and I believe it is imperative to give back to the younger generation and help them along the way too. I am proud to be part of this great Foundation and looking forward to all the great ideas this year and I hope I will see you all at the banquet in December. Stay safe and wishing you all a wonderful year.

HALL OF FAME COMMITTEE MEETING



Date: Wednesday, February 17, 2021

Time: 3:30 p.m. — 4:30 p.m.

ZOOM Meeting

RSVP: admin@miningfoundationsw.org OR 520-577-7519

This is an important meeting as we will start the process to pick the candidates for the American Mining Hall of Fame!

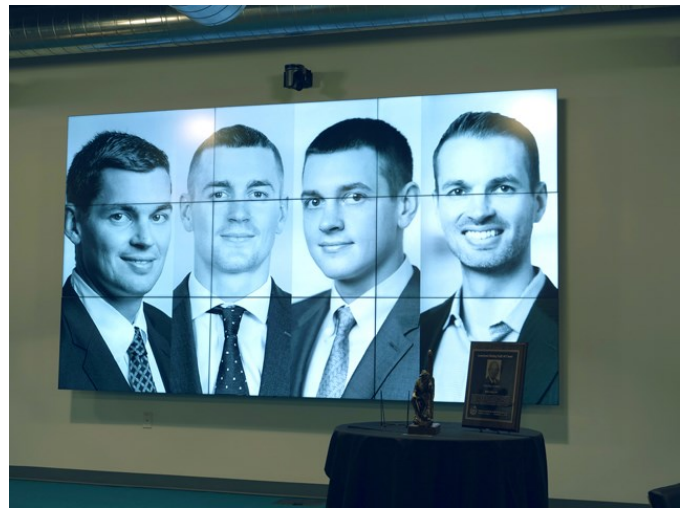
THE 38th AMERICAN MINING HALL OF FAME AWARDS BANQUET WAS A VIRTUAL EVENT



President Rebecca Martinez watches video honoring 2020 Inductee Lukas Lundin



Jack Lundin accepts the Hall of Fame Plaque and Prazen Statue on behalf of his father, Lukas Lundin, the 2020 Honoree.



Over the course of his career, Lukas Lundin has recognized opportunity while building for a future that included his sons.

More Photos at [2020 Photo Gallery \(miningfoundationsw.org\)](https://miningfoundationsw.org)



MFSW Hall of Fame Chairman Andrew Soderman checks his notes during Medal of Merit Honoree Emily King's video.



Emily King's Medal of Merit Award



Andrew Soderman watches the video honoring Jonathan Jazwinski, 2020 Medal of Merit Under 40 Award winner.



Jonathan Jazwinski's Medal of Merit under 40 Award

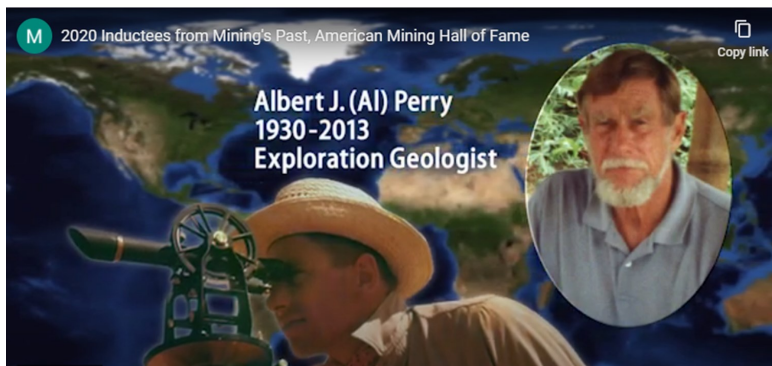


Andrew Soderman watches Nicholas Hare accept the Industry Partnership Award on behalf of Hexagon.



Andrew Soderman at the podium introducing the Mining Past video.

More Photos at <https://www.miningfoundationsw.org/page-1847282>



Video segment honoring Mining Past Al Perry.



Don Earnest displays the plaque for Mining Past Honoree Al Perry.



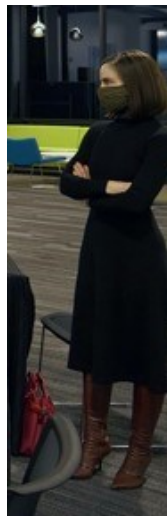
Andrew Soderman and Rebecca Martinez pose for the camera moments before the live event begins.



MFSW Executive Director Tom Aldrich takes time for a picture during the Virtual Event at the Hexagon Experience Center.



Hexagon's Deb St. Aubin making preparations to get the live event underway.



HOF Committee Member Jodi Banta awaits the start of the event.



The Hexagon crew takes a moment for a picture after the live event was finished.

SEEN AND HEARD AT THE 37th AMERICAN MINING HALL OF FAME AWARDS BANQUET

- The 38th American Mining Hall of Fame Awards Banquet & Fundraiser eclipsed \$100,000 in sponsorships for the fourth time in the last five years.
- A record 60 sponsors generously donated to the Foundations' Education Program allowing the MFSW to continue underwriting its Outreach Program and offering additional financial supplement to various SME & SEG student chapters.
- This was the first time the American Hall of Fame went "Virtual".
- Lukas Lundin was the 38th Inductee into the American Mining Hall of Fame.
- The LIMR produced a video on the mineral resources education outreach program which was played during the event.

Below are the tribute videos on all 2020 honorees:



Inductee Lukas Lundin

[2020 Inductee \(miningfoundationsw.org\)](https://miningfoundationsw.org)



Medal of Merit, Emily King

[2020 Medal of Merit Recipients \(miningfoundationsw.org\)](https://miningfoundationsw.org)



Medal of Merit Under 40, Jonathan Jazwinski

[2020 Medal of Merit Recipients \(miningfoundationsw.org\)](https://miningfoundationsw.org)



Inductees from Mining's Past

[2020 Inductees from Mining's Past \(miningfoundationsw.org\)](https://miningfoundationsw.org)



HEXAGON Industry Partnership

[2020 Industry Partnership \(miningfoundationsw.org\)](https://miningfoundationsw.org)



Outreach Corner by Chris Earnest

**Funded by the Mining Foundation of the Southwest
through the Lowell Institute for Mineral Resources at
the University of Arizona**



MFSW Outreach Coordinator Activities: Mid-November 2019 - January 2020

The New Year has come and students across the state are returning to class in all the various forms they are being held in. Districts across the state are still formulating the exact instructional plans that they will use in the coming semester. Whether in-person, online, or in a hybrid model, the education outreach program is ready to serve students and the community in the coming year. We will continue to offer our virtual outreach presentations, expand our virtual offerings, and to participate and support STEAM events and camps.

In order to provide students with solid information on career opportunities in the mining industry, Chris has partnered with Mario Muñoz, the recruitment outreach coordinator with the Lowell Institute for Mineral Resources.

Recording

5. Hands on Research & Operational Experience

Students doing mine rescue drill at UA mine

Summer Internship Opportunities

MINDS OVER MINERALS™

THE UNIVERSITY OF ARIZONA
Lowell Institute for
MINERAL RESOURCES

Mario Muñoz

Mario Muñoz introduces students the many careers available in the mining industry while we wait for a chemistry experiment to complete during a virtual outreach presentation.

Outreach Corner by Chris Earnest (cont.)

This partnership enables Chris to assist Mario with standards-based activities for high school and college level classes so students can learn about the positive impacts on society they can achieve through the careers Mario presents to them. The partnership also enables Mario to support Chris in his presentations by providing road maps for students to follow during their education that will lead them to careers in industry. They have also been inviting UArizona students studying Mining Engineering and Economic Geology to join the presentations and share their experiences while they prepare for their future careers. Since schools are constantly adapting their instruction strategies, Chris and Mario will also be coordinating their communications with teachers so they can provide regular, timely updates about the presentation opportunities available to classes.

Chris is also working with his intern, John Gengler, to develop more virtual content for use during outreach presentations, STEAM events, and by themselves. John has created student scripts for digital presentation of the Mineral Resources Discovery Workshop should the University return its students to classes. He is currently working on filming some more hikes to be made into virtual mine hiking tours.

Chris will be working towards completing the remaining 3 videos in the “Minerals Make It” series as well. So be on the lookout for the next video, “Minerals and Toothpaste.”



Chris Earnest show students the difference between oxide and sulfide ores during a presentation on the chemistry of copper extraction and the SXEW process.

The year ahead will certainly have its own unique challenges, but the outreach program is in a good position to meet them showing students and the public how important mining is to everyone's life. We will end with some good news. The College of Engineering has decided that it will host the Summer Engineering Academy (SEA) this year. Exact details have yet to be announced publicly, but both Chris and Mario look forward to working with the Mining and Geological Engineering department to build an exciting program for the academy. All are looking forward to a return to in-person activities, and the outreach program will be there for the students of Arizona when the time comes.

IN MEMORIAM



James "Jim Bob" Moffett 1938 –2021 1997 American Mining Hall of Fame Inductee

James "Jim Bob" Moffett, an oil wildcatter turned mining prospector who helped build Freeport-McMoRan Inc. into a natural-resources giant, has died at age 82. Mr. Moffett died on Friday night in Austin, Texas. His health had declined in recent years, and he had contracted Covid-19, according to his older son, James R. "Bubba" Moffett Jr. A former football player at the University of Texas, Mr. Moffett parlayed a geology degree into fast riches as he showed an affinity for finding oil and natural gas in Louisiana. Oilmen such as William "Tex" Moncrief Jr. and the late T. Boone Pickens Jr. recognized him as one of America's great wildcatters, now a rare breed. But his biggest success came as a minerals prospector in 1988, with the discovery of vast deposits of gold and copper at Freeport's

Grasberg mine in Indonesia, which became the world's largest and most profitable gold mine. A larger-than-life personality, Mr. Moffett was fond of impersonating Elvis Presley, framing things in football terminology and tipping golf caddies, barbers and waiters with crisp \$100 bills. Mr. Moffett was also a shrewd negotiator, with an eye for detail and no small supply of ambition. In making strategic decisions, Mr. Moffett said he listened most of all to his intuition.

ANNUAL MEMBERSHIP NOW DUE

Please sign on to <http://miningfoundationofthesouthwest.wildapricot.org/join> to renew your 2021 membership. Those who still prefer to renew membership by checks should continue to forward payments to P.O. Box 42317, Tucson, AZ 85733. **Your donations are tax deductible to the extent allowed by law.**



MEMBERS' CORNER



We gained 7 new members in 2020. Thank you all for your support of the MFSW. Total membership is at 132. Go out and encourage your associates to join. On behalf of Rebecca Martinez, our 2020 President, the Foundation wishes to extend a warm welcome to our newest members:

Richard Howser - Richard is currently a Mine Engineer for Freeport-McMoRan at their Sierrita mine. His focus is drilling and blasting while also having experience in geomechanics and ore control. Previously he worked at the Miami mine outside Globe Arizona. Richard took a circuitous route to the mining industry, with stops in the natural gas and financial sectors prior to becoming a mine engineer.

2021 ANNUAL MEETING

Mining Foundation of the Southwest

Date: Wednesday, February 10, 2021

Time: 3:00 p.m. — 5:00 p.m.

ZOOM Meeting

RSVP: admin@miningfoundationsw.org

OR

520-577-7519



**THE
ANNUAL
MEETING
OF MEMBERS**