



MINING FOUNDATION OF THE SOUTHWEST

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# CONCENTRATES

Members of the 2016 Hall of Fame Committee wish to express their heartfelt thanks to all the sponsors and guests for making the 34th Annual American Mining Hall of Fame Banquet & Fundraiser the most successful ever. For the very first time, the banquet was sold out shattering all past records in sponsorship and attendance. About 600 guests were present to celebrate Oscar González Rocha's induction into the American Mining Hall of Fame. González Rocha is the newly appointed President and CEO of Americas Mining Corporation and has served the mining industry since 1971. Along with González Rocha, four past mining industry giants, Marco Chiapponi, Theodore Jesse Hoover, Robert Bogart and Maurice C. Fuerstanau, were also inducted.

In addition, Medals of Merit were presented to William R. Assenmacher, CEO of CAID Industries, Justin Cross, General Manager of Freeport-McMoRan, Bagdad Operations, and Michelle Lammers, General Manager of Development Projects & Services of ASARCO LLC, for their current respective contributions in advancing the always evolving mining sector.

WestLand Resources, Inc., an environmental and engineering consulting company was the recipient of the Industry Partnership Award and The Women's Auxiliary to the American Institute of Mining, Metallurgical and Petroleum Engineers Inc. (WAAIME), now a division of SME and a major education funding source, was the recipient of the Special Citation Award.



## THANK YOU 2016 SPONSORS

### DIAMOND

ASARCO - AMC, Grupo Mexico

### PLATINUM

Freeport-McMoRan Inc., Independent Mining Consultants, Inc., Joy Global, Komatsu America Corp., M3 Engineering & Technology Corporation, Meridian Engineering Company, Ruen Drilling.

### GOLD

Ames Construction, Arizona Mining Association, CAID Industries, Inc., CTI, Doosan Bobcat, Empire Southwest, FARHANG & MEDCOFF Attorneys, Fennemore Craig P.C., Gas Cleaning Technologies, MCGUIREWOODS LLP, Mined-Out LLC, Modular Mining Systems, Inc., Newmont Mining Corporation, PLS Logistics, Southwest Energy LLC, WestLand Resources, Inc.

### SILVER

AMEC Foster Wheeler, Arcadis U. S. Inc., Arizona Mining Inc., Borderland Construction, DeConcini McDonald Yetwin & Lacy, P. C., Engineering & Environmental Consultants Inc. (EEC), George A. Tsiolis-Attorney at Law, Haley Aldrich, Hudbay Minerals Inc., Lhoist North America, Liebherr Mining Equipment, Inc., Montgomery & Associates, Mountain States R&D International, Inc., NV5, Origin Mining Company LLC, Paul Bryant Smith Foundation, Picacho Associates, Pinto Valley Mine Corp., Quarles & Brady LLP, Safety-Kleen, SRK Consulting, SUNDT Construction, Inc., The Ashton Company, Inc.

### OTHERS

Apache Nitrogen Products, Inc., Lowell Copper Ltd., John Van de Beuken, Split Engineering.

## SEEN AND HEARD AT THE 34th AMERICAN MINING HALL OF FAME AWARDS BANQUET



Inductee Oscar González Rocha with Tom Aldrich, 2016 Hall of Fame Committee Chair.



Mrs. Ruth Barron de González with the Gary Prazen Support Statue.



Bill Assenmacher, Medal of Merit recipient, pictured here with wife Molly.



Medal of Merit under 40 honoree, Justin Cross, with wife Shawna.



Medal of Merit under 40 honoree, Michelle Lammers, with parents Jacqueline and Steven Lammers.



Jim Tress, President & CEO of WestLand Resources, flanked by fellow employees.





Pam Appolina, daughter of Mining's Past Inductee, Robert Bogart, shown here with other family members.



Heirs of Mining's Past Inductee, Maurice C. Fuerstenau, were present to witness their father's induction.



Barbara Filas, Executive Chair of the WAAIME Division of SME, with Tucson WAAIME members.



Larry and Iris Dykers, recipients of the Special Service Award, with Eben Robinson, 2016 MFSW President.



Pictured here are some of the 2016 Board and Hall of Fame Committee members at the banquet.



University of Arizona students, all guests of generous sponsors .

- The 34th American Mining Hall of Fame Awards Banquet & Fundraiser surpassed all past fundraisers with a net profit of over \$140,000.
- Fifty sponsors generously donated to the Foundations' Education Program affording the MFSW to continue underwriting its Outreach Program and offering additional financial supplement to various SME & SEG student chapters.
- Inductee Oscar González Rocha received a standing ovation and wild applause on his official induction into the American Mining Hall of Fame.
- Two lucky raffle ticket winners received a set of the History of Mining in Arizona books and 50,000 Marriott Awards points respectively.
- Probably for the first time in the banquet history, a baby boy was in attendance! Likely being groomed for a career in mining!
- Iris and Larry Dykers were recognized for a special Service Award for their unwavering support over the years. Larry led the effort to establish the Outreach Education Program and is known equally for his dedication and his generosity.
- About 50 faculty members and students from the University of Arizona were guests of the 34th Annual Banquet, thanks to the generosity of the sponsors.

**Below are the tribute videos on all 2016 honorees:**

**Inductee Oscar Gonzalez Rocha**

[https://youtu.be/U-B6E\\_4TxQU](https://youtu.be/U-B6E_4TxQU)

**Medal of Merit, William Assenmacher**

[https://youtu.be/33\\_nuie6jX8](https://youtu.be/33_nuie6jX8)

**Medal of Merit Under 40, Justin Cross**

<https://youtu.be/EyXB7CQOwjY>

**Medal of Merit Under 40, Michelle Lammers**

<https://youtu.be/jThKysBzv6U>

**Inductees from Mining's Past**

<https://youtu.be/XflyFA4f8tE>

**Special Citation, WAAIME**

<https://youtu.be/aCuLt2lsgEo>

**Industry Partnership, Westland Resources**

<https://youtu.be/dmW4vIW5gKc>



## OUTREACH CORNER by Pam Wilkinson

### MFSW Outreach Coordinator Activities: mid-October-December 2016

Fall has been a busy season for school visits, with the total from the beginning of the school year until the holiday break being 4500 students and over 30 teachers in classroom settings. This number is down by about 1000 from the same time last year. This is in part because of teachers and school districts rearranging when they teach certain subjects and teachers changing what they teach, leaving teaching or retiring. I continue to seek out new schools and new opportunities. The table below lists the schools and numbers since the last report.

School	City	Stu- dents	Adults	Date	days	classes
Kyrene Aprende MS	Chandler	111	1	10/21/2016	1	4
South Valley Jr Hi	Gilbert	455	3	10/24-25,27/2016	3	16
Mountain Ridge HS	Glendale	193	2	10/26/2016	1	6
Casteel HS	Queen Creek	135	1	10/28/2016	1	5
Verrado MS	Verrado	256	2	10/31-11/1/2016	2	8
Sonoran Trails MS	Cave Creek	471	4	11/7-10/2016	4	16
Sunrise Mtn. HS	Peoria	82	1	11/14/2016	1	3
Pinnacle HS	Phoenix	361	3	11/15-17/2016	3	13
Bogle Jr Hi	Chandler	353	3	11/28,30;12/1/2016	3	11
Sonoran Trails MS	Cave Creek	299	2	12/7,9/2016	2	10
Western Peaks	Surprise	90	1	12/8/2016	1	5
Flowing Wells Jr Hi	Tucson	639	4	12/12-15/2016	4	13
Alta Loma	Phoenix	90	1	12/19/2016	1	3
Total		3535	28		27	113

In addition to school visits I participated in and facilitated two Mining in Society Merit Badge workshops at two Freeport-McMoRan mines: Miami and Bagdad. Both workshops were a success with 76 scouts completing the badge.



## OUTREACH CORNER CONT.

My traveling museum continues to grow, it now includes over 50 different rock and mineral samples. The challenge in classrooms is finding enough space to display all of them. I continue to create new activities to do with the museum.



Traveling Museum at Mohave HS, Bullhead City



Museum displayed at Blue Ridge Jr Hi

Working with Jon and Beth Price, and Joe Riney (Nevada Mining Association) from Nevada we are creating a smart phone application that will replicate the rock cycle and mineral deposits game. We had hoped to make it into the finals of the Move Mining contest at SME! However we were not selected as one of the top five applications. Still waiting to hear if NV Mining Assoc. may still fund the project independently.

## MEMBERS' CORNER

### Welcome New Members

#### **David Kanagy, Executive Director, Society for Mining, Metallurgy & Exploration (SME)**

Kanagy has worked for more than 32 years with nonprofit organizations and has served at SME since 2004. Kanagy has received two prestigious awards including the 2014 CSAE Professional of the Year award and the 2015 MMSA Gold Medal. He has a B.S. degree in industrial education from the University of Maryland and a M.S. degree in technology education from Eastern Illinois University. Currently, he serves on the Board of Directors of the National Mining Museum Hall of Fame and the Pittsburgh Society of Association Executives, is a Past President of CSAE, and has donated time to various community organizations seeking organizational structure assistance.

#### **Will Hunter, Video Producer, Film Creations, LTD.**

Hunter received his undergraduate degree in Video Production from the University of Wisconsin-Madison. He built his career as a video professional for over two decades in Madison, WI until he moved to Tucson in 2012 to join Film Creations, LTD. Hunter has produced videos for Fortune 500 companies, small businesses, government agencies, start-ups and non-profits. He specializes in producing videos for use in marketing, training, community awareness, fundraising and special events.

## IN MEMORIAM



### Dr. James Wm. White

Tragically White passed away on Saturday, January 8, 2017 from injuries sustained in an automobile accident. White received his B.S. in Chemical Engineering at the University of Delaware and an M.S. and Ph.D. also in the same discipline from the University of Wisconsin. He began his technical career at Rohm and Hass Co. in 1968 but resigned in 1971 to join the University of Arizona as an Associate Professor. While there, he, along with a couple of graduate students, conceptualized an idea for an automated computer based dispatching system for open pit mines and developed the groundbreaking DISPATCH system. The team subsequently founded Modular Mining Systems in 1979 and White left the University to devote full time to Modular in 1981. Under his direction, Modular grew exponentially to a global high-tech powerhouse. The DISPATCH Fleet Management System is now installed at over 250 mines spanning six continents. In 1996, Komatsu America International Company acquired Modular and White became Chairman and remained in that position until his retirement in 6/30/2016. White was the MFSW's Medal of Merit recipient in 2003, the Komatsu Presidential Award recipient in 2012 and was inducted into the International Mining Technology Hall of Fame in 2014.

White was a dedicated Board member of the MFSW and while serving as President in 2011, spearheaded the relocation of the Foundation's signature awards banquet to the JW Marriott Tucson Starr Pass Resort & Spa.

### ANNUAL MEMBERSHIP NOW DUE

Please sign on to <http://miningfoundationofthesouthwest.wildapricot.org/join> to renew your 2017 membership. Those who still prefer to renew membership by checks should continue to forward payments to P.O. Box 42317, Tucson, AZ 85733.

**MESSAGE FROM OUTGOING PRESIDENT, EBEN ROBINSON**

Despite a prolonged downturn in the mining industry, 2016 was a record breaking year for the Mining Foundation of the Southwest, in no small part due to the outstanding efforts of 2016 Hall of Fame Chair Tom Aldrich. As Tom takes the reins as your incoming 2017 President, I am hopeful that 2016 will mark a shift in momentum for MFSW that will continue for many years to come. Our industry is the most basic means of fighting poverty and improving living standards around the world. Mining provides people with the materials they need to electrify their homes, drive to the local hospital in an emergency, run clean water out of the taps, remove and treat wastewater, and so on. Mining will continue to provide for the public, and MFSW will continue to fight the misinformation campaign that attempts to demonize an industry that has done so much good for the world.

**2017 ANNUAL MEETING****Date: February 08, 2017****Time: 3:00p.m.—5:00 p.m.****Place: ASARCO Training Center****1150 N. 7th Ave., Tucson, AZ****RSVP: [admin@miningfoundationsw.org](mailto:admin@miningfoundationsw.org)****OR****520-577-7519**