



MINING FOUNDATION OF THE SOUTHWEST

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CONCENTRATES

About 350 supporters joined the Mining Foundation of the Southwest's Board of Governors and members to celebrate the induction of our 2015 honorees on December 5, 2015. The 2015 inductee was **Conrad E. Huss**, Co-Founder and Chairman of the Board of M3 Engineering & Technology Corporation located in Tucson, AZ.

The Awards Banquet also recognized individuals with lasting legacies: **Leonard and Adolph Lewisohn**, mining brothers who once led the most prominent copper company. **Jack Furman Kemp**, author and beloved professor, was also a founder of the Geology Department at Columbia University. **Roscoe H. Channing**, a Co-Founder and President of Hudson Bay Mining & Smelting Company, was the youngest mine manager at the Mesabi Range and **Alberto Benavides de la Quintana**, the Founding President of Compañía de Minas Buenaventura, played a key role in elevating Peruvian living standard and led the drive to list Peruvian companies at the NYSE.

Medals of Merit for 2015 were awarded to **Charles Michael (Mick) Lownds** for his expertise in commercial explosives and **Fiorella Giana** for her rapid ascent within Freeport-McMoRan, serving currently as the Mine Manager at the Bagdad Operations. The Industry Partnership Award was presented to **InfoMine** for providing valuable resources on mining intelligence, careers, and education to the public and the Special Citation was presented to **Independent Mining Consultants, Inc.** for providing engineering services to the mining industry worldwide since 1983.

Special thanks to Cori Hoag and Bill Hawes for their significant contribution particularly in researching materials for the Mining's Past honorees.



2014 Awards Banquet Sponsors

PLATINUM SPONSORS

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Liebherr Mining Equipment, Inc.
Mining & Metallurgical Society of America
Orica
SRK Consulting

SEEN AND HEARD AT THE 33rd AMERICAN MINING HALL OF FAME AWARDS BANQUET



Inductee Conrad Huss flanked by fellow M3 Co-Founders Doug Austin & Dan Neff



Jose Vizquerra-Benavides & Raul Benavides, grandson & son of Alberto Benavides de la Quintana of Peru



Medal of Merit recipient Fiorella Giana with sister, parents, and husband, Cory Demieville



Medal of Merit honoree Mick Lownds with Eben Robinson—2015 Hall of Fame Committee Chair



Jennifer Leinart, President of InfoMine, with Industry Partnership Award and interns Alek Stoopin & Jacob Saucedo



Herb Welhener of Independent Mining Consultants with John Fenn, MFSW Treasurer, MC of the Banquet



Patrick Merrin, VP of Huidbay Minerals, Arizona Business Unit, accepting the Mining's Past plaque for Roscoe Channing



UA Global Law Center Faculty with supporters and guests



Some of the Board of Governors present at the awards banquet



Employees of M3 with Inductee Conrad Huss



Past Medal of Merit recipients: Mary Poulton, Nyal Niemuth, Stan Dempsey & Roshan Bhappu



University of Arizona students - all guests of generous sponsors

SEEN AND HEARD AT THE 2015 AWARDS BANQUET, cont.

Drs. Nidia Desplates, Jorge Giana and Martin Giana, parents and sister of Medal of Merit under 40 recipient Fiorella Giana, made the long journey from Argentina to Tucson to attend our 33rd Awards Banquet honoring one of their own.

Raul Benavides hailed from Peru to join nephew Jose Vizquerra -Benavides to witness the induction of Alberto Benavides de la Qunintana into the American Mining Hall of Fame.

Patrick Merrin represented Hudbay Minerals to accept the plaque for Mining's Past inductee, Roscoe Channing, co-founder of Hudson Bay Smelting and Mining Company.

David M. Gowan, Sr., former Republican member of the Arizona House of Representatives, now Speaker of the House, was guest of CAID Industries at our 33rd Awards Banquet.

Former Inductees A. Fred Banfield, David Lowell, Jim Toole and past Medal of Merit recipients Mary Poulton, Jim White, Roshan Bhappu, Terry McNulty, Nyal Niemuth and Stan Dempsey were all in attendance.

Over 30 University of Arizona students majoring in mining related disciplines were sponsored by generous donors to attend the 33rd awards banquet. Our sincere thanks to Cori Hoag & Kevin Horstman, Don Earnest, Empire Southwest, Freeport-McMoRan Inc., InfoMine, John Fenn, Mining & Metallurgical Society of America, Orica, Southwest Energy, SUNDT Construction, and Tim Snider.

LINKS TO 2015 HALL OF FAME HONOREE TRIBUTE VIDEOS

Mission, Education Outreach, Sponsors, Past Honorees

<http://www.miningfoundationsw.org/Sponsors>

Inductee – Conrad E. Huss

<http://www.miningfoundationsw.org/page-1824505>

Medal of Merits – C. Michael (Mick) Lownds and Fiorella (Fio) Giana

<http://www.miningfoundationsw.org/page-1830944>

Industry Partnership – InfoMine

<http://www.miningfoundationsw.org/page-1830947>

Special Citation – Independent Mining Consultants

<http://www.miningfoundationsw.org/page-1830946>

Mining's Past – Adolph & Leonard Lewisohn, James Furman Kemp, Roscoe Channing, Alberto Benavides

<http://www.miningfoundationsw.org/page-1830945>

Ted Hewitt: Photography

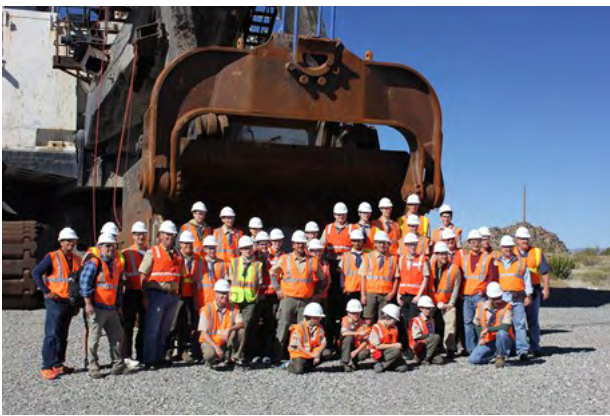
<http://www.photorelect.com/store/store.aspx?p=20707>

OUTREACH CORNER by Pam Wilkinson

MFSW Outreach Coordinator Activities: October-December 2015

First semester of the 2015-2016 school year was very busy, and successful. Since the last report over 4000 students and 40 teachers have participated in presentations and activities. The Mining in Society merit badge workshop at Bagdad was a huge success and the Winter Day Camp at South Mountain for Cub Scouts and younger was also a huge success. Below is the chart showing the schools and numbers.

Mining in Society Merit Badge workshop:
Bagdad



Winter Day Camp at South Mountain



School	City	Students	Adults	Date	days	classes
Aprende MS	Chandler	118	1	10/14/2015	1	4
Casteel HS	Queen Creek	172	2	10/16/2015	1	6
Show Low Jr Hi	Show Low	350	3	10/20-21/2015	2	12
Moutainside MS	Scottsdale	128	1	10/22/2015	1	4
South Valley Jr Hi	Gilbert	576	3	10/28-30/2015	3	18
Sullivan Elem.	Phoenix	45	3	11/2/2015	1	3
Pinnacle HS	Scottsdale	460	3	11/3-5/2015	3	15
Aprende MS	Chandler	64	1	11/6/2015	1	2
Verrado MS	Buckeye	149	1	11/9/2015	1	4
Highland Lakes MS	Glendale	37	1	11/10/2015	1	2
Mountain View HS	Tucson	104	1	11/12/2015	1	4
Desert Shadows MS	Phoenix	443	3	11/16-18/2015	3	15
Verrado MS	Buckeye	125	1	11/19/2015	1	4
Sonoran Trails MS	Cave Creek	421	3	11/20,23-24/2015	3	14
Bogle Jr Hi	Chandler	281	3	11/30;12/1-2/2015	3	10
Bogle Jr Hi	Chandler	115	1	12/11/2015	1	4
Newell Barney Jr Hi	Queen Creek	394	3	12/9-10/2015	2	13
Santa Maria MS	Buckeye	220	2	12/14-15/2015	2	8
Sonoran Foothills	Phoenix	59	1	12/16/2015	1	4
Miami HS	Miami	100	2	1/5/2016	1	5
Casteel HS	Chandler	138	1	1/6-7/2016	2	5
Total		4499	40		35	156

OUTREACH CORNER CONT.

An additional 356 students and adults participated in the workshops and STEM adventures. Word of the program continues to spread and invitations from new schools and activities are keeping my calendar completely booked.

The opening of the scale model of the open-pit copper mine at the AZ Historical Society Papago Park Museum was evidently well received. I was on the interview committee regarding the selection of a new mineral curator for the museum. Catherine Carter will begin her job there on February 1st and I look forward to working with her with respect to creating materials and presentations at the museum.

I am now active in the Arizona Mining Association Education Committee and am working with them on the student activities that will be used at Mining Day on the Capital. Save the date: March 2, 2016 and come out to see what we are doing or come and volunteer to assist me that day.

Through the GEAR UP program I spent the day in Miami High School and have now been invited back to speak with other grade levels at this school! I am also working on presenting in the Globe School district through this program.

Alyssa Hom is working out splendidly as my intern. She is very innovative and creative, also very good at working with students. She is helping to extend the reach of our outreach program, and it is great to have a young person so passionate about our industry.

ANNOUNCEMENTS

John Lacy

John Lacy, a former Board of Governor and a shareholder of DeConcini McDonald Yetwin & Lacy, is now the department head of the University of Arizona's new Global Mining Law Center. Housed at the James E. Rogers College of Law, the Center provides specialty courses including human rights laws, indigenous-peoples law and policy and environmental law offering degree and non-degree education opportunities both online and on campus.

William Ascarza

William Ascarza, contributor of the weekly "Mine Tales" column for the Arizona Daily Star, has just published a hardback book on the history of mining in Arizona entitled "In Search of Fortunes: A Look at the History of Arizona Mining." For more information, please access : <http://mtpublishing.com/index.php/soon/in-search-of-fortunes-standard.html#.VlOnqFC-2-0>

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MEMBERS' CORNER

John Royle

We wish to welcome John Royle as a new member of the Mining Foundation of the Southwest. Royle, along with his wife and daughter, traveled to Tucson in 2013 to participate in the induction of his father, Burt Royle, into the American Mining Hall of Fame at the 31st Awards Banquet. Burt Royle was the co-inventor of the mucking machine and a prominent hoist engineer.

2016 ANNUAL MEETING

Date: February 10, 2016

Time: 3:00p.m.—5:00 p.m.

Place: ASARCO Training Center

1150 N. 7th Ave., Tucson, AZ

RSVP: admin@miningfoundationsw.org

OR

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ANNUAL MEMBERSHIP NOW DUE

Our updated website now provides comprehensive information on Outreach, Education Support and Publications in addition to offering dossiers on past Inductees, newsletters and awards programs etc. Please sign on to <http://miningfoundationofthesouthwest.wildapricot.org/join> to renew your 2016 membership. Those who still prefer to renew membership by checks should continue to forward payments to P.O. Box 42317, Tucson, AZ 85733.

