



MINING FOUNDATION OF THE SOUTHWEST

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CONCENTRATES



2016 American Mining Hall of Fame Inductee

Oscar González Rocha

President & CEO, Americas Mining Corporation

Oscar González Rocha was born in Mexico and earned his degree in Civil Engineering from the Universidad Nacional Autónoma de México (UNAM), was awarded an honorary Doctors degree from Universidad Nacional de Ingenieria (UNI) in Peru, and was named an Honorary Professor of the Pontificia Universidad Catolica del Peru.

González Rocha has been with the mining industry since 1976 and has held numerous positions with construction companies throughout Mexico and the United States. As Director General of Mexicana de Cobre S.A. de C.V. and Mexicana de Cananea S.A. de C.V., both wholly-owned by Grupo Mexico S.A. B. de C.V., González Rocha was in charge of developing the "La Caridad" and "Cananea" metallurgical projects in Sonora, Mexico until late 1999.

After Grupo Mexico acquired ASARCO in late 1999, González Rocha was subsequently appointed President, Chief Operating Officer and Director of Southern Peru Copper Corporation. In 2002, Gonzalez Rocha became a Director of Grupo Mexico, and in 2004, became the President and Chief Executive Officer of Southern Copper Corporation. His duties continued to multiply and he was named Chief Executive Officer of the Southern Copper Corporation and a Director and CEO of ASARCO in August 2010. Recently González Rocha was appointed President and Chief Executive Officer of Americas Mining Corporation, a holding company of Grupo Mexico.

The Copper Club Inc. has been bestowing the prestigious Ankh Award to its "Copper Man of the Year" since 1962 to those professionals who have forged pathways in the copper industry with extraordinary contributions while simultaneously paving new paths for students seeking careers in the industry. In 2015, González Rocha was selected for the Ankh Award for his "exemplary leadership in Southern Copper Corporation as well as his steadfast support of the industry throughout his career."

González Rocha, well respected within the mining sector, freely offers his remarkable acumen in business and mining matters to guide other organizations. He was the first Mexican citizen to have been elected as the Chairman of the American Institute of Mining Engineers (AIME), Tucson. González Rocha is currently serving as Director on many boards: the Peruvian National Society of Mining, the National Society of Industries, the American Chamber of Commerce, the Tecnológico de Monterrey, the Peruvian Cancer Society, the Club de la Banca y Comercio, as well as Chairman of the Board of Inversiones Tulipan S.A. and Compañía Minera Los Tolmos S.A., both subsidiaries of Southern Copper Corporation, among others.

González Rocha is married to Mrs. Ruth Barron de González and they have two daughters and four sons, all with professional degrees.



2016 Medal of Merit Recipient
William R. Assenmacher
CEO, CAID Industries Inc.

Assenmacher was born in Monroe, Michigan and received a Bachelor of Science degree in Mechanical Engineering from the University of Arizona in 1974. While at the university he was enrolled in a work study program and worked 2 years with Pan Am and 8 months with Santa Fe Railroad. Assenmacher started with CAID Industries part-time as a fifth year senior in 1973. One year later, upon graduation, he decided to stay and to buy out Bob Caid over a 10 year period.

In 1982, Assenmacher was named President & CEO of CAID Industries, Southern Arizona's largest industrial metal fabricator serving local and international mining customers. CAID Industries is headquartered in Tucson, Arizona with locations in Logan, Utah and Calama, Chile serving the various mining clients, especially smelters and SXEW plants. The CAID family had roots in mining dating back to 1927 as a firm called Hearn & Caid (1927-1947).

The firm, under Assenmacher's direction, grew from a one million dollar firm in 1974 to an annual sales volume of over \$50MM, with 250 people in the U.S. and 40-50 working in South America. The firm has recently added industrial robotics and automation as well as fluid solutions as business units for its global customers. The firm will be celebrating 70 years (2017) in business as CAID Industries.

In addition to his role at CAID, Assenmacher is the Chairman of Commerce Bank of Arizona, the only locally owned community bank and U of A Tech Parks Global Advantage Partner. Assenmacher has always been an active community advocate for mining and other business development opportunities and is heavily immersed in the Tucson community as evidenced by his involvement not limited to 162nd Fighter Wing Air Guardians, DM50 Member, AMIGOS Board Member, City of Tucson Planning & Development Services Advisory Committee, Centurion Foundation Board Member, Southern Arizona Business Coalition (SABC) Founder, Southern Arizona Leadership Council (SALC) Member, State of Arizona Governor's Workforce Arizona Council, Tri State Sheet Metal Workers Pension Plan Trustee & Finance Committee Chairman, Tucson Airport Authority Board Member, Tucson Metro Chamber Air Service & Business Development Chairman, Tucson Metro Chamber Board Member.



2016 Industry Partnership WestLand Resources Inc.

WestLand Resources, Inc. (WestLand) was started in February 1997 in Tucson, Arizona by three young professionals who aspired to provide superior environmental and engineering consulting services. From the start, the company culture was defined by scientific integrity, technical excellence, and passion for the work. By the end of 1997, the company added nine employees, and counted several major Arizona mining entities among their earliest clients. Mining has been an integral component of WestLand from the earliest days of the business, and remains so today. Currently, WestLand has over 120 employees serving clients from offices in Tucson, Phoenix, and Flagstaff, and project offices in Globe and Ft. Defiance.

In 1986, prior to founding WestLand, President and CEO Jim Tress received his first assignment for Phelps Dodge, and obtained his first Clean Water Act Section 404 permit for the Asarco Ray Mine in 1991. His career has taken him to mine sites throughout the southwest during WestLand's 19-year history. Many of WestLand's senior leadership team also serve the mining industry, in a variety of environmental and engineering disciplines, including Brian Lindenlaub, Environmental practice lead; Mark Taylor, Water/Wastewater Engineering practice lead; and Fred Huntington, Director of Cultural Resources.

Kathy Whitman, founder of Whitman & Company, began her career at Bridger Coal Company in Rock Springs, Wyoming in the 1980's, before moving to Globe, Arizona, to work for Magma Copper Company. In 2001, Whitman & Company joined WestLand, bringing a new level of mining related environmental expertise to the firm. Whitman was an important part of the senior leadership team, and a well-respected environmental professional in the mining industry until her passing in 2012.

WestLand has been responding to the engineering, environmental, and regulatory challenges facing mining entities for nearly 20 years, and has worked with the majority of the major hard rock mining entities in Arizona and New Mexico, as well as sites in Utah, California, Colorado, Nevada, and Ohio. The company's engineering and regulatory permitting professionals have a long history of providing support and solutions for the complex environmental and engineering challenges associated with mining projects.

Just as WestLand has played an important role in assisting mining companies with environmental compliance and engineering challenges, the mining industry has played a vital role in WestLand's growth and evolution. We at WestLand are proud of our history working with mining operations and look forward to a long and beneficial continuing partnership.





2016 Special Citation

The Women's Auxiliary to the American Institute of Mining, Metallurgical and Petroleum Engineers Inc. (WAAIME)

The Women's Auxiliary to the American Institute of Mining and Metallurgical Engineers was founded in 1917 with a mission to serve its country and communities with respect to the mining and energy industries. Yet in the early days, the Auxiliary found itself responding to any crisis – from funding gear for soldiers fighting abroad during World War I, to scholarship programs aimed at helping immigrant and underprivileged young people obtain and complete an education. In its first 10 years, the organization grew to be 1,400 members strong, with ten sections and an increasing focus on social and educational work.

Over the years, WAAIME has grown to have a presence not only across the United States, but also in several foreign countries. Its investment portfolio, which is predominantly restricted to scholarship distributions to deserving students and worthy education and outreach initiatives, has grown into a multi-million-dollar portfolio. Scholarships are typically offered in such disciplines as mining, geosciences, metallurgy and materials sciences, petroleum engineering, mineral economics, chemical engineering and related disciplines.

In 2008, WAAIME merged with the Society for Mining, Metallurgy and Exploration Inc. and now functions as the WAAIME Division of SME. Through members' imagination, dedication and persistence, the WAAIME scholarship fund is now one of the most widely-recognized educational funding sources in the mining and earth science industries. The number and amount of scholarships distributed annually to students varies based on the funds available and by the financial needs of the applicants. In recent years, about a quarter-million-dollars in scholarship money has been distributed to more than one hundred students each year. These students are attending universities both within and outside the United States. With a 100-year track record of scholarship and community service, a great number of today's mining, metallurgical and energy professionals can attribute some of their opportunities and successes to the generous support of WAAIME.

Please register for the 2016 Awards Banquet either on our website or return the form to P.O. Box 42317, Tucson, AZ 85733.

DATE: December 3, 2016

PLACE: JW Marriott Tucson Starr Pass Resort & Spa

RECEPTION: 6:00 - 7:00p.m.

DINNER: 7:00 - 8 00p.m.

PROGRAM: 8:00 - 9:00P.M.

OUTREACH CORNER by Pam Wilkinson

MFSW Outreach Coordinator Activities: April – June 2016

The school year is over and the program completed the second year in a row of providing presentations and activities to over 10,000 students in classroom settings. For the 2015-2016 school year 85 days were spent in classrooms and 375 classes were taught. The details for the school visits in April and May are in the table below:

School	City	Students	Adults	Date	days	classes
Wigwam Jr Hi	Litchfield Park	151	1	4/4/2016	1	5
Western Peaks MS	Surprise	116	1	4/6/2016	1	4
Sunrise Mtn. HS	Peoria	52	1	4/7/2016	1	2
Summit Academy	Chandler	108	1	4/8/2016	1	5
Thatcher Jr Hi	Thatcher	124	1	4/13/2016	1	6
Pima Jr Hi	Pima	102	1	4/12/2016	1	6
Safford MS	Safford	210	2	4/14/2016	2	4
Mile High MS	Prescott	165	1	4/26/2106	1	6
Coyote Hills	Peoria	115	1	5/9/2016	1	4
Perry HS	Chandler	250	2	5/12-13/2016	2	12
CDO	Tucson	65	1	5/16/2016	1	3
Total		1458	13		13	57

In addition to school visits another 198 students and adults participated in outreach events such as Mining Day on the Tohono O'odahm Reservation, summer engineering camps at the University of Arizona, Mining Madness at AHS, and a Mining in Society merit badge workshop in Safford, AZ. Unfortunately the Math and Science Experience at Cochise Community College was canceled this year, due to the college scheduling the event when most of the schools in the area were on break. That event has always been a very good group outreach event for my program.

Alyssa Hom introduced our program to her teachers at Perry High School in Chandler and the reception went very well. I am in hopes the teachers will invite me back next year, even though Alyssa will not be with me.

The day and a half mining engineering summer camp, at the University of Arizona San Xavier Mine, went very well. One day was spent out at the mine, where students learned about rock and mineral uses, LIDAR scanning of the underground, equipment requirements in mining and smelting of iron ore. The program was possible because there are now college students working out at the mine during the summer and they were able to take the campers on an underground tour. It was also possible because Dr. John Kemeny, Dr. Victor Tenorio, Dr. Isabel Faye Barton and Gail Heath (PhD. Candidate) were available to provide the activities for the students. The high school students were very engaged and several indicated that they are now considering mining engineering as a career choice. In addition several of them indicated they are going to share my contact information with their teachers in the fall. This will hopefully add more high schools to my schedule this coming year.

At the Arizona Historical Society Museum in Papago Park in coordination with Catie Carter, the natural resources curator, I organized and led a 'Mining Madness' program. It was a Saturday morning program and attracted mostly pre-school to early elementary students. They walked away with an egg carton of minerals, and an understanding that different types of equipment yield different results in the mining of chocolate chips out of cookies. The parents in attendance went away with an understanding of how important mining is to their way of life.

I have been in communication with the community and social performance personnel at Resolution Copper and hope to partner with them as they work to educate the people in the area of influence around the upcoming mine at Superior.

In the upcoming year I am in hopes that I can be of assistance as the AZ Geological Survey works to reopen the AZ Mining and Mineral Museum in downtown Phoenix. If any of you out there have extra money that you would like to provide the survey to assist them in this effort, I am certain they would be very interested in talking with you.



Mining Day on Tohono Reservation: traveling museum



Under the Ground: UA summer camp

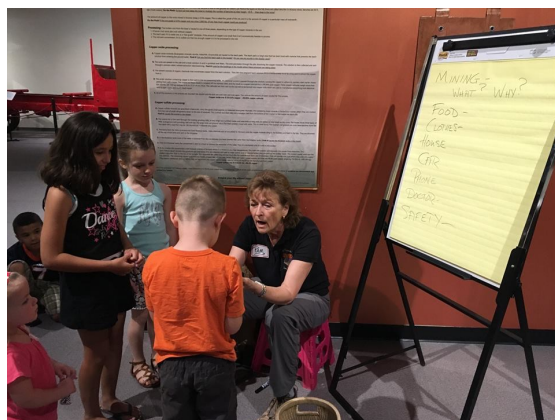


Drifting through sliced bread!



Mining Engineering Summer Camp

Mining Madness at AZ Historical Society



MEMBERS' CORNER

NEW MEMBERS

Amanda Best - Senior Enviromental Specialist, WestLand Resources, Inc.

Best received her undergraduate degree in Wildlife and Fisheries Science from the University of Arizona and has been with WestLand Resources since graduation. She has extensive experience with environmental permitting specializing in Clean Water Act (CWA) Section 404 compliance, National Environmental Policy Act (NEPA) compliance, Endangered Species Act (ESA) compliance and mineral exploration permitting support. During the past 15 years, Best has managed numerous large-scale projects requiring various environmental permitting and is a member of the 2016 Hall of Fame committee.

Francisco Barrios - Project Manager, Tierra Group International Ltd.

Barrios is a professional engineer and received his undergraduate degree in Civil Engineering from the University of Colorado and his MS also in Civil Engineering from the University of Arizona and his MBA from Thunderbird School of Global Management. Barrios has worked in the civil and environmental field for the mining services industry for over 12 years on international projects in Canada, Chile, Dominican Republic, Mexico, Colombia, Nicaragua, Saudi Arabia and the United States and is currently assisting the Hall of Fame committee in its fundraising campaign.

Letter from the MacKay School of Earth Sciences & Engineering

We are respectfully writing you on behalf of the Mackay Muckers and the John Mackay Club at Mackay School of Earth Sciences and Engineering.

We want to take this opportunity to express our gratitude for your generous donation to our club in order to participate in the 38th Intercollegiate Mining Competition held in Butte, Montana. We had a very successful year as we placed first overall in the co-ed division. We look forward to competing in the 39th annual competition in Kentucky in spring 2017.

Your donation to the John Mackay Club gave us the opportunity for our club to participate in development activities and attend the Annual SME Conference. We had a very successful year and our SME experience was very insightful. As part of our SME trip the Mine Design team advanced to level two and placed 2nd overall at the national conference.

We are thankful for all the support.

