

(Continued from page 56)

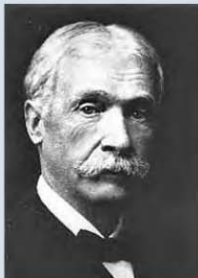
Rodrigo Narvaez D., Bogota, Colombia
 Lena Sundqvist Okvist, Lulea, Sweden
 Valeria Ortiz R., Bogota, Colombia
 Berly Jesus Pacco C., Arequipa, Peru
 Leonidas Francisco Palma T., Arequipa, Peru
 Daniel Parvisi, Buffalo, NY
 Jose Alonso Pauca R., Arequipa, Peru
 Deyvis Paye M., Arequipa, Peru
 Steve Payne, Newberry Springs, CA
 Luis Arnaldo Perez, Arequipa, Peru
 Joel Pomacosi M., Tacna, Peru
 Jean Herlyn Ponce A., Arequipa, Peru
 Andrew Pow, Leduc, AB, Canada
 Manuel Eduardo Prado C., Arequipa, Peru
 Carissa Prekker, St. Paul, MN
 Jeremy Prishmont, Butte, MT
 Rao PV, Hyderabad, India
 Denisse Michelle Quimi C., Guayaquil, Ecuador
 Angie P. Restrepo Quiros, La Estrella, Colombia
 Ronny Manroy Quispe H., Arequipa, Peru
 Santjitsing Radjkoemar, Wanica, Suriname
 Satyam Raj, Hajipur, India
 Karol Dayana Ramirez S., Bogota, Colombia
 Jose Luis Rendon S., Arequipa, Peru
 Jhoan Esteban Riano C., Sogamoso, Colombia
 Clay Robertson, Tribune, KS
 Jeofrey Sebastian Rodriguez., Bogota, Colombia
 Milton Rodriguez D., Trujillo, Peru
 Braylan David Rojas T., Bogota, Colombia

Oscar Romero V., Trujillo, Peru
 Jimena Paola Rondon Z., Arequipa, Peru
 Bryan José Rosado Z., Guayaquil, Ecuador
 Alexander Rubio B., Bogota, Colombia
 Elijah Rychtarczyk, Rolla, MO
 Fariba Safizadeh, Quebec, QC, Canada
 Soheil Sanipour, Tehran, Iran
 Aruna Sankatala, Vasco Da Gama, India
 Helen Nina Santander, Arequipa, Peru
 Maz Sauber, Ottawa, ON, Canada
 Alex Schafer, Saint-Laurent, QC, Canada
 Kyle Schmidt, Salt Lake City, UT
 Michael Schuessler, Creal Springs, IL
 Norma Daniela Serrano P., Bogota, Colombia
 Jacqueline Sessler, Somerset, NJ
 Vijay Sharma, Jaipur, India
 Richard Shipe, Morgantown, WV
 Jason Shumka, Kelowna, BC, Canada
 Sumit Kumar Singh, Hooghly, India
 Veerendra Singh, Jamshepur, India
 Anthony Singleton, Spring Hill, QLD, Australia
 S. Sinha, Hyderabad, India
 Ben Slater, Montreal, QC, Canada
 Robert Snodgrass, Trail, BC, Canada
 Eber Nilo Soto S., Arequipa, Peru
 Gervais Soucy, Sherbrooke, QC, Canada
 Dustin Stalling, Florence, AZ
 Ryan Stewart, Tucson, AZ

Jaco Steyn, Burlington, ON, Canada
 Nathan M. Stubina, Toronto, ON, Canada
 Rony Brank Subia M., Arequipa, Peru
 Meg Sundell, Bala Cynwyd, PA
 Angel David Supo T., Arequipa, Peru
 Anabel Thomas, Toronto, ON, Canada
 Prafulla Chandra Tiwari, Nagpur, India
 Angel Torres J., Trujillo, Peru
 Lan Huong Tran, Quebec, QC, Canada
 Milagros Sabrinna Tuni R., Arequipa, Peru
 Logan Tydryszewski, Silverthorne, CO
 Garrett Urban, Long Beach, CA
 Hector Miguel Valdez L., Arequipa, Peru
 Sebastian Roger Valencia J., Arequipa, Peru
 Roger Alonso Valdivia S., Arequipa, Peru
 Victor Valencia, Hagerstown, MD
 Daniel Velasquez, Medellin, Colombia
 Yofrey Aldair Velasquez H., Arequipa, Peru
 Edgar Vidal, Boulder, CO
 Colton Vinnola, Lakewood, CO
 Richard Wagner, Lakefield, ON, Canada
 Joel R. Walstrom, Houtzdale, PA
 Landon J. Wilhite, Rapid City, SD
 Clayton Williams, Covington, LA
 Steven Wright, Avon, IN
 Clinton Arnon Yahaira C., Arequipa, Peru
 Vidal Zamora P., Lima, Peru
 Lazar Zujovic, Morgantown, WV ■

The people behind the awards

Over the next few months, SME will briefly profile the engineers and miners who are remembered by the AIME-founded awards presented to SME members.



RICHARDS

Robert H. Richards, inventor, author and teacher, was one of America's pre-eminent ore dressing engineers, and he can rightly be called the father of ore dressing in the United States. In 1874, Richards began studies of hydraulic classification that led to his discovery of and extensive research on the phenomenon of hindered settling. Based on these fundamental studies, he developed a series of sizing and concentrating classifiers, the Richards pulsator jig, and the concept of sizing before gravity concentration. In addition to this important research, Richards' encyclopedic, four-volume treatise, *Ore Dressing*, published in 1909, was the first comprehensive work to codify and publicize all that was known about ore dressing in America at that time.

In 1868, Richards was in the first graduating class at the Massachusetts Institute of Technology (MIT). Upon graduation, Richards stayed at MIT as an instructor, advancing to the rank of professor in 1884, and served as the head of the department of Mining and Metallurgy until his retirement in 1914. He joined AIME in 1873 and became its president in 1886. AIME honored Richards' memory in 1948 by establishing the Robert H. Richards Award as the premier award in the field of ore processing.



SAUNDERS

William Lawrence Saunders was born in 1856 in Columbus, GA, the son of Episcopal minister William Trebell Saunders and Eliza Morton of Virginia. He graduated from the University of Pennsylvania. As a young man, Saunders invented the apparatus for underwater drilling and became wealthy as a result of his equipment being used in the Russian oil fields. He was the founding editor of *Compressed Air* magazine and published two textbooks on compressed air. In 1904, he became president of the Ingersoll Sergeant Drill Co. after the death of William Russell Grace. In 1905, the Ingersoll-Sergeant Drill Co. and the Rand Drill Co. merged into Ingersoll Rand. He became the first president of the now combined Ingersoll Rand in 1906. As the twice-elected mayor of North Plainfield, NJ, he campaigned for a woman's right to vote.

During World War I, Saunders was chair of the Naval Consulting Board, which collected inventions and ideas from engineers and inventors to be used in the war effort. He also served as the 1915 president of AIME and deputy chairman of the Federal Reserve Bank of New York. He died in 1931. The William Lawrence Saunders Gold Medal was established in 1927 and recognizes achievement in mining other than coal.