

SME Young Leaders Committee welcomes the class of 2014

by Mona Vandervoort, Education Coordinator

SME has announced the Young Leaders Committee (YLC) class of 2014. SME initiated the Young Leaders Committee in 2001 to provide young SME members with opportunities for professional development.

The Young Leaders program gives the younger membership of SME the opportunity to:

- Network with key players in the industry.
- Gather technical information important to professional growth.
- Remain involved with SME after graduation.
- Transition into more active leadership roles throughout SME.
- Develop and lead professional development programs within SME.

Each year, the Young Leaders recruit outstanding young professionals with leadership potential and motivation to serve a four-year term on the committee. Candidates must be less than 35 years old and possess significant professional experience and demonstrated leadership ability.

YLC members are asked to attend SME annual meetings, participate in monthly conference calls and quarterly mentoring sessions, and undertake special projects. All activities are designed to help committee members enter into the leadership structure of the Society, in addition to providing networking, educational and leadership opportunities.

For more information about the Young Leaders Committee, visit www.smenet.org/youngleaders.

YLC class of 2014

Crystal Croston

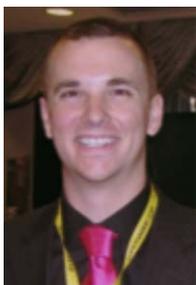


CROSTON

Crystal Croston graduated in 2013 from the South Dakota School of Mines and Technology (SDSM&T) with a B.S. degree in mining engineering and management. At SDSM&T, she held student chapter officer positions with SME and the International Society of Explosives Engineers. She also competed in the NSSGA student design competition.

Upon graduation, she joined Caterpillar in Peoria, IL as a marketing representative training for a field position supporting dealers. Recently, she has supported the divestiture of the Bucyrus business, as service operations transition to Caterpillar dealers. Prior to graduation, she worked for P&H MinePro services in Gillette, WY for three years, had a summer internship with Peabody Energy at the North Antelope Rochelle Mine in Gillette, WY and a summer internship with Caterpillar Global Mining in Milwaukee, WI.

Matt Furniss



FURNISS

Matt Furniss received B.S. and M.S. degrees in mining engineering from Virginia Tech in 2007 and 2009, respectively. His thesis research focused on the correlation of seismic velocity tomography with seismic activity around a deep-coal longwall panel. Upon graduation, he accepted a position with Tetra Tech in Pittsburgh, PA. There, he completed mining and natural gas industry studies and designs for abandoned mine reclamation, water treatment, water management, risk assessment, carbon sequestration, mine permitting and reserve estimation.

In 2011, Furniss accepted his current position as a surface mine engineer with PBS Coals, a subsidiary of Severstal Resources. His responsibilities include mine production planning, reclamation planning, coal refuse management/reclamation planning, reserve estimation, project feasibility analysis, production projections, permitting support and professional certification of site structures. Furniss is a licensed professional engineer in Pennsylvania.

Kathryn Gardner graduated from the University of Kentucky in May 2013 with a bachelors degree in mining engineering. She currently works for Newmont Mining Corp. as a junior ventilation engineer at the Leeville Mine in northeastern Nevada. During college, she was active in the University of Kentucky's SME Student Chapter, serving as treasurer and president. In November 2013, she attended the Emerging Leaders Association conference sponsored by SME.

Kathryn Gardner

Kathryn Gardner graduated from the University of Kentucky in May 2013 with a bachelors degree in mining engineering. She currently works for Newmont Mining Corp. as a junior ventilation engineer at the Leeville Mine in northeastern Nevada. During college, she was active in the University of Kentucky's SME Student Chapter, serving as treasurer and president. In November 2013, she attended the Emerging Leaders Association conference sponsored by SME.



GARDNER

Arash Habibi

Arash Habibi is an associate mine engineer at FMC's Westvaco Mine in Green River, WY. He is also a Ph.D. candidate at the Missouri University



HABIBI

of Science and Technology (MS&T), with an emphasis in ventilation. He also earned an M.S. in mining engineering from MS&T. Habibi has presented and published more than 10 papers at various conferences and in journals. His projects at FMC include short-term and long-term ventilation planning, dust-related projects and ventilation optimization.

Eunhye Kim



KIM

Eunhye Kim is an assistant professor in the Mining Engineering Department at the University of Utah. Her research interests include optimizing drilling operations, rock-bit interaction in drilling operations, rock mechanics, geomechanics, experimental rock mechanics, dynamic behavior and thermo characteristics of materials and finite element modeling. Kim has published in three SCI journals and six refereed

conference papers. Kim has earned two B.S. degrees, one in civil engineering and one in computer science, and an M.S. in civil, urban and geosystem engineering in South Korea. Her Ph.D. in mining engineering, with a minor in engineering mechanics, is from The Pennsylvania State University. There, her research focused on drilling optimization and rock-bit interaction.

Before joining the faculty at the University of Utah, Kim was a research analyst with Independent Project Analysis Inc. in Ashburn, VA. Before this, she was a post-doctoral scholar at Penn State.

Rosa Maria Rojas



ROJAS

Rosa Maria Rojas graduated with a B.S. in mining engineering from Pontificia Universidad Catolica del Peru in 2007 and received an M.S. in mining engineering from the University of Arizona in 2013. During her college career, she was a co-founder and served as president and vice president of the first SME Student Chapter in Peru. She received a scholarship from Barrick and

had internships with Barrick Gold and other national mining companies.

Upon graduation, Rojas joined BHP Billiton's Base Metals Division in Chile working as a project engineer, mine shift supervisor and dispatcher engineer at the Escondida Mine. While completing her masters degree, she researched IT techniques applied to operations management and presented her research project in re-engineering front-line supervision through a centralized control room and mobile computing in openpit mines at SME conferences.

Rojas is currently a mine engineer II at the FMI Morenci Mine working in the short-range planning department.

Mackenzie Nolan



NOLAN

Mackenzie Nolan graduated from the South Dakota School of Mines and Technology (SDSM&T) in 2013 with a B.S. in mining engineering. She held several chapter offices in the SME Student Chapter at SDSM&T and received a Eugene P. Fleider scholarship.

Nolan joined Kiewit at its Walnut Creek Mine in Bremond, TX, where she works with scheduling, reclamation and survey/GPS equipment.

Tristan Worsey



WORSEY

Tristan Worsey graduated from the University of Missouri Rolla in 2010 with a B.S. in mining engineering. He then went to graduate school at the Missouri University of Science & Technology and graduated in 2012 with a masters degree in explosives engineering.

Worsey accepted a job with Newmont Mining and is currently the drill and blast engineer for the Carlin surface operation. Some of the specialty projects he has completed while at Newmont include blasting near substations, rescue of surface mining equipment using blasting, eliminating movement of an active failure due to blasting, and the collapsing of underground workings and stopes from the surface. ■