



Sean D. Dessureault

2013 Medal of Merit Recipient

A graduate of McGill University, Sean D. Dessureault earned his Masters and PhD from the University of British Columbia with a focus on advanced mine technology and management while working in various roles throughout surface and underground Canadian mines. Dessureault was working at INCO-West Mines Complex in Ontario, Canada when he received an unexpected offer from the University of Arizona. Aside from his wife's desire to enjoy the more temperate climate, Dessureault was attracted to Arizona for its rich mining history and resources as well as the University recruiters' encouragement to continue his entrepreneurial pursuit.

In 2002, Dessureault joined the University of Arizona and is now a tenured Associate Professor in the Mining and Geological Engineering Department. Since arriving at Arizona, Dessureault has simultaneously followed his passion in research and commercial enterprises. Recruited to modernize the mining engineering curriculum, Dessureault has successfully developed projects resulting in over \$4.5 million in rewarded research funds; created an integrated remote operations center lab that monitors mines throughout the United States; introduced the first engineering sustainable development course in the curriculum; modernized undergraduate and graduate studies to include the latest technology and established the UA Engineers Without Border (EWB) student chapter. The establishment of the EWB chapter enables impoverished communities without resources to receive engineering services such as water projects in Africa.

Dessureault's success in the lab also translates to his enterprising spirit since almost all the research he oversees begins as a business activity. He currently is active with several mining related businesses and is the Founder and CEO of Mining Information Systems and Operations Management Consulting Services Inc. (MISOM) leading a team of experienced IT and mining engineers in designing, deploying and supporting Data Warehousing and Business/Operational Intelligence Systems worldwide including tablet apps that replace paper or act as a light fleet management system. In addition to MISOM, in 2011, Dessureault spearheaded Stakeholder

Mining Foundation of the Southwest
American Mining Hall of Fame

Listening & Analysis providing listening analysis and engagement solutions for mineral and other development projects focused on the permitting processes.

Dessureault is a sought after speaker, columnist and panelist on the topics of technology and automation. Further, he has also authored and co-authored 25 journal publications to date and was the recipient of many awards including the SAP Canadian Information Productivity Award; the Best Graduate Dissertation Research Project in 2001; and the Faculty Award in 2006 for significant research and innovations.