



Mine Safety: Sharing Solutions

@THE UNIVERSITY OF ARIZONA

NOVEMBER 9, 2018

Sponsored by The University of Arizona Global Mining Law Program,
a collaboration of the James E. Rogers College of Law and the Lowell Institute for Mineral Resources

SYNOPSIS

Third Annual Mining Law Summit—*Mine Safety: Sharing Solutions*

Historically, the mining industry has been disinclined to share safety experience and innovations. The 2018 Mining Law Summit will provide invaluable insights into addressing the issues of a mine disaster and propose considerations for future mine safety policy initiatives.

The program includes:

- ▶ a review of a recent disaster example,
- ▶ a look at the authority of the Mine Health and Safety Administration,
- ▶ shared experience with self-audits and information sharing, and
- ▶ a panel discussion illustrating the implementation of collective expertise in addressing a hypothetical mine disaster.

The Summit will conclude with a review of the role of methods to provide mine safety expertise and make a proposal for providing future mine safety assistance.

SCHEDULE

8–8:30 a.m.	Registration and Coffee
8:30–8:35 a.m.	Safety Share
8:35–9:15 a.m.	TOPIC 1 The Bingham Canyon Slope Failure: Preparing for disaster and the value of sharing prior experience. <i>Speaker:</i> Bradley J. Ross, Director for Geotechnical Center for Excellence, Lowell Institute for Mineral Resources, University of Arizona
9:15–10:00 a.m.	TOPIC 2 MSHA 101: A presentation of the general background and exercise of MSHA authority. <i>Speaker:</i> David Lauriski, former Assistant Secretary of Labor for Mine Safety and Health (2001–04), now Director, Predictive Safety SRP, Inc.
10–10:20 a.m.	Break
10:20–11 a.m.	TOPIC 3 Proposals for Self-Audit: Mining operators are in the process of developing robust self-audit systems to help monitor and correct for noncompliance with safety standards. These programs not only enable business-wide visibility on non-compliance, but facilitate the rapid sharing of information regarding safety-related incidents, critical controls, and learnings. BHP is developing a multi-layered approach to safety management and highlights the potential benefits of being able to share learnings not only within BHP, but with the industry more broadly. <i>Speaker:</i> Jeff Parker, BHP



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11– 11:50 a.m.

TOPIC 4

Why is Information Not Shared?: This presentation examines cultural resistance to sharing safety lessons: The next level of enforcement through sharing of information; an analysis of “behavioral based safety.”

Speaker: Mark Savit, Attorney, Husch Blackwell, Denver

11:50–1 p.m.

Lunch served and networking

1–3 p.m.

TOPIC 5

Panel, Different Voices React to a Crisis: John Lacy will moderate a session where a hypothetical crisis is presented for discussion from panelists:

In-house lawyer: Matt Bingham, Rosemont

External lawyer: Mark Savit

Safety Manager: Paul Yslas, Asarco

Insurance Carrier/Risk Management: Denis Smith, McLarens International

Communications: Kyle Bennett, Rio Tinto

Environmental Manager: Kathy Arnold, Rosemont

Engineering/Technical: Brad Ross, UA

MSHA: Larry Corte, Freeport

3–4 p.m.

TOPIC 6

A Search for Independent Expertise: The U.S. Bureau of Mines historically provided reliable independent technical expertise to both government and the mining industry. Today, MSHA relies on NIOSH for research to support some new regulations and the National Mining Association has developed the CORE Safety program template that companies can adapt. However, no government agency provides the breadth of research relevant to the diverse needs of the minerals industry and small mining companies do not have the resources to implement complex safety systems. This presentation will review the events that resulted in the disbanding of the Bureau of Mines, past efforts to restore it and propose that an industry-academic partnership should be created to address the technical and educational needs of both large and small companies.

Speaker: Mary Poulton, Co-Director, Lowell Institute for Mineral Resources

4–4:30 p.m.

Questions and Comments

4:30 p.m.

TOPIC 7

Call for Papers: The goal here is to suggest that the participants and audience members put out a call for safety papers to address the future of implementation of safety expertise and training.

4:30–5:30 p.m.

Reception