MN SEMINAR: Scott Ferguson, Freeport McMoRan
MINING ENGINEERING DEPARTMENT

BROWN HALL 206 • SEPTEMBER 24th • 12:00—1:00 PM

Drill and Blast Engineer at Freeport-McMoRan—Climax Molybdenum
Henderson Mine in Empire, Colorado

Mr. Scott Ferguson, Drill and Blast Engineer at Freeport McMoRan, will give deep insight into:

- Explosives
- Blasting patterns
- Development mining
- Cave blasting
- Blasting challenges and special techniques used at Henderson
- Blasting related seismicity and ground control

About Mr. Scott Ferguson:

Scott Ferguson went to CSM back in the dark days of 2006-2011. Unable to hack it as a mechanical engineering major (math is hard) he joined the gregarious Geology/Geological Engineering group in the Berthoud building and never looked back. He started at the Henderson Mine with Climax Molybdenum (Freeport McMoRan) as a geomechanical engineer doing rock mass characterization, modeling, ground control design, and other fun things in the deep dark depths of Red Mountain.

The fun boom/bust nature of mining saw him journey west on I-70 to the Climax Mine where he continued to do surface geomechanical engineering (slopes) in the winter wonderland of Fremont Pass. A desire to see if the grass was greener down the hill led him to a stint as an engineer at Trimble, where he embraced the geospatial/geomatics technology world.

Missing the dust, dirt, and 4AM mornings of mining, he jumped back on the Henderson bandwagon as a drill and blast engineer, blowing up the same rock he worked so hard to hold together just years ago. This dapper fellow is also a FAA Part 107 UAS (drone) operator for FMI, flying various missions as needed (usually crashing the drone, sometimes getting sweet pics of big holes in the ground).

When not turning big rocks into little rocks you’ll find him loving life at home – hiking, camping, ranching (shoveling manure), with his wife, two kids, two donkeys, two alpacas, and dog.