

Spring 2017 Master's of Science defenses

January 25th, 2017:

Leif Knatterud: 2:00-4:00 pm, ELC 202

“The Structural Setting of the Avon Valley, West-Central Montana, Interpreted from Gravity and Seismic Reflection Data”

MS candidate- Geosciences-Geophysical Engineering option

February 23rd, 2017:

Margaret Doolittle: 2:30- 4:30 pm, MG 103

“Naturally Occurring Acid Rock Drainage in the Anaconda-Pintler Mountain Range, Montana: Geochemistry of Two Streams Flowing from Mt. Evans”

MS candidate: Geosciences-Geological Engineering option

March 2nd, 2017:

Carl Gunderson: 3:00-5:00 pm, MG 201

“Evaluation of HAULSIM as a Practical Tool in Mine Planning”

MS candidate- Mining Engineering

March 28th, 2017:

Emily Rose: 2:00-4:00 pm, MG 104

“Characterization of Granite and Subsequent Ground Control Management Plan at Orphan Boy Mine - Butte, Montana”

MS candidate- Mining Engineering

April 11th, 2017:

Kyle Eastman: 1:30-3:30 pm, MG 104

“Supergene Mineralization of the Continental Pit, Butte, Montana”

MS candidate- Geosciences-Geology option

April 13th, 2017:

Michael Vineyard: 4:00- 6:00 pm, MG 103

“Sequence Stratigraphic Correlation of the Bow Island Formation Using Surface Outcrop and Subsurface Data, Liberty and Hill Counties, Montana”

MS candidate- Geosciences-Geology option

April 14th, 2017:

Cullen Gilbreath: 2:00-4:00 pm, Kelley/ Steward room

“College Preparedness: Assembling, Delivering, and Qualifying a Program for High School Students”

MS Candidate- Technical Communication

April 17th, 2017:

Eric Hull: 9:00-11:00 am, Kelley/Steward room

“Acid Rock Drainage Treatment using Membrane Distillation: Impacts of Chemical-Free Pretreatment on Scale Formation, Pore Wetting, and Product Water Quality”

MS candidate-Environmental Engineering

April 21st, 2017:

Carolyn Chaffee: 11:00am- 1:00pm, Engineering Hall 208

“Colstrip Coal: Developing a website to communicate a highly complex and controversial subject”

MS Candidate- Technical Communications

Toni Wood: 11:00 am- 1:00pm, Chemistry Biology Building 001

“Reduction of Unnecessary Scanning to Lower Costs While Preserving the Integrity of the Legal Health Record”

MS candidate-Interdisciplinary master’s of science

Ben Schubert: 2:00-4:00 pm, MG 201

“Mineralogy and geochemistry of the Heddleston porphyry Cu-Mo deposit, Montana.”

MS candidate-Geosciences-Geology option.

April 24th, 2017:

Charles Ohalekwu: 9:00-11:00 am, MG 201

“Modeling the Effect of Methane and Carbon Dioxide Injection on Oil Recovery in the East Vacuum Grayburg-San Andres Unit (EVGSAU), Lea County, NM.”

MS Candidate- Interdisciplinary MS

Brendan McDonough: 3:30-5:30 pm, Pintler Room SUB

“The Silver Bow Foundation: Designing the new path for economic development strategy in Butte-Silver Bow through organizational development and technical communication.”

MS Candidate- Technical Communication

April 25th, 2017:

Erin Wiles: 1:00-3:00 pm, Big Butte room

“Rural Broadband Mobile Communications: Spectrum Occupancy and Propagation Modeling in Rural Western Montana”

MS candidate- Electrical Engineering

Corey Swisher: 1:30-3:30 pm, MG 104

“Hydrologic and chemical interaction between waste dumps and a flooded mine pool at the Combination Mine, Philipsburg District, Montana”

MS Candidate- Geosciences- Hydrogeological Engineering

April 27th, 2017:

Katie Lyons: 2:00- 4:00 pm, NRB 128

“Technical Feasibility of Selectively Separating Rare Earth Elements by Vapor Phase Extraction and Condensation”

MS candidate- Metallurgical/Mineral Processing Engineering

April 28th, 2017:

Siobhan Wock: 2:00-4:00 pm, Science and Engineering building 113

“Assessing a Fourier Transform Infrared Transmission (FTIR) Method vs. X-Ray Diffraction for Respirable Crystalline Silica Analysis in Three Montana Mines”

MS candidate- Industrial Hygiene

Daniel Beach: 3:00-5:00 pm, Natural Resources Building 123

“Property Sensitivity Study for Oil Recovery in the Bakken”

MS candidate-Petroleum Engineering

Michael D. Powers: 3:00- 5:00 pm, MG 201

“A Probabilistic Assessment of Tunneling Induced Ground Settlements and Damages to Adjacent Buildings”

MS Candidate- Geosciences- Geological Engineering option

May 3rd, 2017:

Charles Ohalekwu: 10:00- 11:30 am, NRB Conference Room 340

“Modeling the Effect of Methane and Carbon Dioxide Injection on Oil Recovery in the East Vacuum Grayburg-San Andres Unit (EVGSAU), Lea County, NM.”

MS Candidate- Interdisciplinary Master of Science