

### **Post-Doctoral Researchers**

- Dr. Anibal Wetten (2000) "Geology and Ore Deposits of the Puna, NW Argentina"
- Dr. Lucy Chapman (2001 - 2004) "Fluid Flow through the Devonian - Lower Carboniferous Upper Old Red Sandstone in the Irish Midlands: Testing Models of Lateral or Vertical Fluid Flow and Implications for the Genesis of the Irish Zn-Pb District"
- Dr. Lena Montiero (2005) "Geology of the Sossego IOCG System, Carajas, Brazil"
- Dr. Klaus Heppe (2006-2007) "Field-based Mineral Exploration in the Iron Oxide Belt of Northern Chile"
- Dr. Robert Duncan (2007-2010) "Geochronology and Structural Controls on IOCG Mineralization, southern Cloncurry District, Australia"

### **Ph.D. Graduates**

- Katja Freitag (Ph.D. 2000) "Geology and Structure of the Lower Southwest Orebody, Greens Creek Mine, Alaska"
- Ozcan Yigit (Ph.D. 2001) "Structural Controls and Geochemistry of Carlin-type Gold Mineralization in the Gold Bar District, Eureka County, Nevada"
- James Barron (Ph.D. 2003) "The Relationship of Stratigraphy and Structure to Mineralization in the Solwezi Region, North-West Province, Zambia, Africa"
- Efem Altinok (Ph.D. 2005) "Definition of ancient thermophilic microbial activity at the Navan Zn-Pb deposit, Ireland"
- David W. Coulter (Ph.D. 2006) "Remote Sensing of Alteration Mineralogy associated with Natural Acid Drainage in the Grizzly Peak Caldera, Sawatch Range, Colorado"
- Paul J. Bartos (2006 Ph.D.) "Innovation in the Mining Industry Through Time"
- Khitam Alzughoul (Ph.D. 2007) "Mineralization in the Whitehorn Stock area, northeast Salida, Central Colorado"
- Jeannette E. McGill (Ph.D. 2010) "Platinum Group Metal Production Potential: Eastern Limb, Bushveld Complex, South Africa"

### **M.S. Graduates**

- Efem Altinok (M.S. 1998) "Diagenesis of the Burro Canyon Formation, Lisbon Valley Region, Utah-Colorado"
- Steven T. Beach (M.S. 2000) "Kinematic Analysis of Mineralized Veins in the Idaho Springs Mining District, Central Colorado"
- Alexis Tawn Cupo (M.S. 2000) "Alteration and Mineralization at the Centenario Manto-type Copper Deposit, Northern Chile"
- Dane Evans (M.S. 2000) "Carbonate-hosted Breccias in the Meikle Mine, Nevada and their relationship with Gold Mineralization"
- Kari Ann Fox (M.S. 2000) "Fe-Oxide (Cu-U-Au-REE) Mineralization and

- Alteration at the Productura Prospect, Chile"
- Keri H. Moore (M.S. 2000) "Geology of the Gold-Bearing L1 and L2 Liese Quartz Zones, Pogo Deposit, East Central Alaska"
  - Maximino E. Simian (M.S. 2000) "Geology and Geochemistry of the Jeronimo Gold Deposit, Potrerillos District, III Region, Chile"
  - Heidie I. Torrealday (M.S. 2000) "Mineralization and Alteration of the Kansanshi Copper Deposit, Zambia"
  - David Winterbourne (M.S. 2000) "Alteration and Mineralization of the San Pedro Porphyry, Cerro San Pedro, San Luis Potosi, Mexico"
  - Roger A. Furley (M. S. 2001) "Sequence Stratigraphic Framework for the Silurian-Devonian Bootstrap Limestone, Roberts Mountains, and Devonian Popovich Formations, Northern Carlin Trend, Elko and Eureka Counties, Nevada"
  - Craig R. McClung (M.S. 2001) "Wall Rock Alteration of the Metaline Formation around the Pend Oreille Zn-Pb Deposit, Metaline District, NE Washington"
  - Cris Carman (M.S. 2003) "Geology of Willemite Mineralization at Aroona, Flinders Range, South Australia"
  - Adriana Blesa (M.S. 2004) "Geology and Mineralization of the Esquel Area, Patagonia, Argentina"
  - Russell Dow (M.S. 2004) "Geology of the Arizaro Iron Oxide-Cu-Au Prospect, N.W. Argentina"
  - Jason Price (M.S. 2004) "Structural Control of the Kennecott Orebodies, Wrangell-St. Elias National Park and Preserve, Alaska"
  - Walter Orquera (M.S. 2004) "Vertical Variation in D Veins at the El Salvador Porphyry Copper Deposit, Chile: Morphology, Mineralogy, Geochemistry and Importance to Porphyry Ores"
  - Andrea M. Erhardt (M.S. 2005) "Relative Contributions of Tectonics and Climate on Fluvial Sedimentation in the Wasatch Formation of Western Colorado"
  - Chris Valorose (M.S. 2005) "The Geology of the Dripping Springs Porphyry Copper Prospect, San Carlos, Arizona"
  - Eric Eckberg (M.S. 2006) "The Geology of the Gillis Range, Walker River Indian Reservation, western Nevada"
  - Bridget A. Ball (M.S. 2007) "Petrology of Sulfide and PGE-bearing Zones in the Lower Portion of the Lake Owen Layered Mafic Intrusion, Albany County, Wyoming"
  - Tim MacIntyre (M.S. 2007) "Alteration and Mineralization of the Wingate Sandstone, Paradox Basin, Utah-Colorado"
  - Catherine E. Morgan (M.S. 2007) "Alteration of the Bootstrap Limestone, northern Carlin Trend, Elko County, Nevada"
  - Desiree T. Wentland (M.S. 2007) "Copper and Platinum Group Element Mineralization in the Revais Creek Intrusion, Flathead Indian Reservation,

- Sanders County, Montana”
- Jane G. Stammer (M.S. 2008) “Geochemical and Mineralogical Analysis of the Chukar Footwall Gold Deposit: Northeastern Nevada”
  - Walter Valery Garcia (M.S. 2009) “Geology of the Milagros Gold Prospect, Alto Chicama, Peru”
  - Michael Tedeschi (M.S. 2009) “Geology of the Cerro Verde IOCG Deposit, Sonora, Mexico”
  - Dorit I. Kerschke (Diplomarbeit, 2009; Freie Univesitat Berlin)  
“Characteristics and 3-D Distribution of Bleaching in Jurassic Eolian Sandstones of the Paradox Basin: Implications for Paleo Hydrocarbon-related Fluid Migration in the Slick Rock District, Dolores and San Miguel Counties, Colorado, USA”
  - Brandon D. Lewis (M.S. 2010) “Geology of the Toboggan Gold-Telluride Prospects, Murray, Idaho”
  - Jocelyn Ross (M.S. 2010) “A Geometallurgy Study at the Bingham Canyon Mine, Utah: Analyzing Mineralogical and Textural Parameters Impacting Rock Breakage”
  - Ho Cheol Shin (Prof. M.S. 2010) “Geology of the Kharmagtai Porphyry Copper Prospect, Mongolia”
  - Chris R. Siron (M.S. 2010) “Geology of the LWM Carbonate-hosted Replacement Deposit, western Fortymile district, east-central Alaska”

### **Current Ph.D. Students**

- Eric Anderson “The Geophysical Characteristics of Porphyry-style Mineralization of Late Cretaceous and Tertiary Age in southwest Alaska and Potential for Future Discoveries”
- David Broughton “Stratigraphy and Alteration of the Zambian Copperbelt”
- Garth Graham “Origin of Base Metal Mineralization at the Sheep Creek Cu-Co Deposit, Montana”
- Gloria Lopez “Geology of the El Espino IOCG System, central Chile”
- Sophie Hancock “Hydrogeology of the Lost Creek Uranium Deposit, Wyoming”
- Elizabeth Haynes “Petrology of the Rocks at the Fort Knox Gold Deposit, Alaska”
- Jon Woodhead “Geology of the Zambian and Congolese Copperbelts Derived from Modern Geophysical Surveys”

### **Current M.S. Students**

- Patricia Capistrant “Geology of the Enterprise Hydrothermal Ni Prospect, NW Zambia”

- Andrew Fields “Geology of the Kalumbila (Sentinel) Copper Deposit, northwest Zambia”
- Wesley Hall “Structural Geology of the Boseto Copper Deposits, Botswana”
- Nicholas Kerr “Geology of the Stonepark Zn-Ag-Pb Prospect, Co. Limerick, Ireland”
- Mike Kirschbaum “Geology of the Guelb Moghrein Cu-Au Deposit, Mauritania”
- Elizabeth Pesce “Geology of the Otjikoto Gold Deposit, Namibia”
- Mandi Reinshagen “The Transition between Hypogene and Supergene REE Ores, Bear Lodge, Wyoming”
- Danielle S. Schmandt “The Kamoia Deposit Geology and Mineralization, Katanga Province, DRC”
- Timothy Stockhausen “The Upper Conglomerate and its Importance to the Sierra Mojada Ag-Zn Deposit System, Coahuila, Mexico”
- Kelsey Zabrusky “Reconstructing the Original Distribution and History of Sedimentary Deposits in Arabia Terra, Mars”
- Judith Hughes
- Corey Meighan