

Audrey McHugh Britton, GIT

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PROFESSIONAL EXPERIENCE

Staff Geologist - Associated Earth Sciences, Inc.
August 2013 – March 2015

Kirkland, WA

Conducted hydrogeologic assessments for commercial/residential developments, county green stormwater infrastructure initiatives, and other infiltration projects. Duties included background research, coordinating project operations, subsurface exploration, infiltration/aquifer testing, well installation/monitoring, water quality sampling, data analysis and reporting.

Rock Climbing Instructor - University of Oregon
April 2010-June 2012

Eugene, OR

Provided both private and group instruction to beginners on rock climbing basics including proper belay, knot tying, and safety techniques as well as to advanced climbers on proper lead climbing techniques at the Student Recreation Center.

Maintenance Technician - University of Oregon
June 2011-June 2012

Eugene, OR

Provided overall facility and equipment maintenance for the Student Recreation Center. Duties sometimes required using a variety of machines including drills, sweepers, power washers, hydraulic lifts, and basic tools.

PROJECTS

Masters in Applied Geoscience Final Project
(Summer/Fall 2013):

- Mapping/analysis of channel conditions within the Vasa Creek Watershed for Kokanee habitat research being conducted by City of Bellevue

Fluvial Geomorphology Project (Summer 2013):

- Mapping/analysis of stream conditions and associated hazards using field and GIS techniques

GIS Hazard Mapping Project (Winter 2013):

- Data collection/interpretation of earthquake, flooding, and landslide hazards in the Willamette Valley for Advanced GIS course

FIELD COURSES

Advanced Applications (University of Washington, 2013):

- Beach and bluff analysis/interpretation using survey, sampling, and laboratory techniques

Applied Geoscience (University of Washington 2012):

- Landslide analysis, Nisqually hydrologic analysis, glacial stratigraphy analysis, historic lahar deposit analysis

Structural Geology (University of Oregon, 2012):

- Mapping/interpretation of geologic features, production/interpretation of stereonet data

Sedimentology/Stratigraphy (University of Oregon, 2012):

- Mapping/interpretation of stratigraphic layers and regional tectonic geomorphology

EDUCATION

- Master of Science, *Earth and Space Sciences focus in Applied Geoscience*, University of Washington, Seattle, WA, December 2013
- Bachelor of Science, *Major in Geological Science*, University of Oregon, Eugene, OR, July 2012

PERSONAL ACHIEVEMENTS

- Received Masters degree as part of the first graduating class from the UW MESSAGE program June 2014
- Field course scholarship from the University of Oregon Department of Geological Sciences June 2012
- Employee of the Year 2012 for instruction and supervision at the University of Oregon rock wall