

Kaelin Newman, GT

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EDUCATION

Bachelor of Science, **Geology, Environmental and Engineering Geology concentration** | Western Washington University (WWU) | March 2016

RELEVANT SKILLS

- Proficient with Microsoft Office Suite, Internet, ArcGIS 10.2>, Mathcad, and Rocscience software.
- Experience with soil/ site characterization, ASTM standards, and Atterberg limits testing equipment.
- Familiarity with data analysis, interpretation, and technical report writing.
- Highly organized, detail-oriented, diligent worker with strong oral and written communication skills.
- Critical-thinker that works well independently and in a team-oriented, collaborative environment.

FIELD EXPERIENCE

Field Assistant | WWU | 06/2015

- Assisted a graduate student's field work related to active tectonics research in the Olympic Mountains.

Spring Field Camp | WWU | 04/ 2015 – 06/ 2015

- Completed several structural mapping projects that included fossil, mineral, and rock identification
- Compiled a logbook containing all measurements and sketches of structural deformation and lithological data interpretation.
- Produced cross sections and a comprehensive tectonic synthesis report summarizing the Western United States Cordillera history.

PROFESSIONAL HISTORY

Research Assistant | Institute for Watershed Studies, WWU | 09/ 2015 – present

- Calibrate FlowTracker equipment and record weekly stream velocity and discharge measurements.
- Perform analytical sample preparation of lake samples to measure total phosphorus, turbidity, and chlorophyll content following strict quality assurance and quality control lab procedures.
- Assemble water quality data in Microsoft Excel control charts.

Geology Lab Assistant | WWU Geology Department | 01/ 2015 – 07/ 2015

- Catalogued rock samples and maps for geomorphology, mineralogy, and introductory labs.

LEADERSHIP EXPERIENCE

President, Society of Economic Geologists WWU Student Chapter | 03/ 2015 – 03/ 2016

- Coordinated speakers, organized meeting logistics, and planned geology department fundraisers.

Teaching Fellow | WWU Geology Department | 09/ 2015 – 12/ 2015

- Mentored students in rock classification for petrology (igneous and metamorphic) labs.

Service Leader | WWU Service Leaders Program | 09/ 2013 – 06/ 2014

- Arranged positive communication and active listening workshops with guest speakers.

Student Technical Session Coordinator | Geological Society of America (GSA) | 10/ 2014

- In charge of technical logistics for presentations at the 2014 Annual GSA Conference in Vancouver, B.C.

AWARDS

- Mount Baker Rock and Gem Club Scholarship | 03/ 2015
- WWU Alumni Association Leader Scholarship | 09/ 2014
- Geology Department Kurt Schmierer Memorial Endowment Scholarship | 09/ 2014
- National Science Foundation-funded All Nations Louis Stokes Alliance Scholar Program | 09/ 2014