

Kimberly S. Artita

Engineer Intern

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EDUCATION

- **University of Nevada, Reno**
Department of Geological Sciences & Engineering
Mackay School of Earth Science & Engineering
-**M.Sc. Geological Engineering**, May 2006
- **University of Hawai'i at Mānoa**
Department of Geology and Geophysics
School of Ocean, Earth Sciences & Technology
-**B.S. Geology & Geophysics**, May 2003

HONORS

- Agatin Abbott Memorial Award - (to outstanding graduating senior)
School of Ocean, Earth Sciences & Technology, University of Hawai'i at Mānoa
- Dean's List (5 semesters)
School of Ocean, Earth Sciences & Technology, University of Hawai'i at Mānoa
- Freshman/Sophomore Honors Certificate
University of Hawai'i at Mānoa

CERTIFICATION

Certified as an Engineer Intern in the State of Nevada.

*Certified on **28 December 2005**. Certificate #0T4995*

PROFESSIONAL EXPERIENCE

Assistant – April 2006 to present

Little River Research & Design, Carbondale, Illinois

- Experienced in video/DVD filming and post-production using Final Cut Studio Pro/Motion/DVD Studio Pro Suite
- Experienced in preparation of fluvial geomorphology consulting reports for St. Louis County, Missouri
- Performed various experiments and calibration of Emriver®, a river process simulator produced by Little River Research & Design

Staff Professional – Sept. 2005 to Dec. 2005

Marvin E. Davis & Associates, Inc., Reno, Nevada

- Performed specialized engineering and geologic analyses related to foundation design, slope stability, geologic hazards evaluation, geologic mapping and research in Northern Nevada and Lake Tahoe, California
- Experienced with on-site geological/geotechnical investigation including auger and air/mud rotary drilling, SPT and modified California sampling, rock coring and visual logging.
- Experienced with computer software including AutoCAD 2000, AutoCAD 2004, and gINT.

Scientific Illustrator – July. 2005 to Dec. 2005

Piedmont GeoSciences, Inc., Reno, Nevada

- Composed and edited scientific illustrations using Adobe Illustrator CS and Photoshop. Work primarily related to geologic consulting conducted for PG&E in California.

Graduate Research Assistant - Aug. 2003 to June 2005

Department of Geological Sciences & Engineering, University of Nevada, Reno

- Working with Dr. Richard Schultz and other graduate students in the *Geomechanics-Rock Fracture Group* to:
 1. Research fault growth in porous granular rock
 2. Investigate material properties & evolution of Mars
 3. Examine faulting & surface deformation on Earth and Mars

Education Assistant - Mar. 2001 to July 2003

Hanauma Bay Education Program, University of Hawai'i Sea Grant Extension Service
Hanauma Bay Marine Life Conservation District, Honolulu, Hawaii

- Assisted Volunteer Coordinator Jennifer Barrett in overseeing 80+ active volunteers
- Developed "Geology of the Hawaiian islands" PowerPoint presentations and materials for Volunteer training sessions
- Developed "Geology of Hanauma Bay" pamphlet and led related hike
- Answered questions on marine biology, geology, conservation, and Hawaiian culture

Student Assistant - Jan. 2002 to July 2003

Volcanology, Geochemistry & Petrology Division
Department of Geology & Geophysics
School of Ocean, Earth Sciences and Technology, University of Hawai'i at Manoa

- Prepared samples from Kilauea's Pu'u 'O'o for XRF analyses (experienced in hydraulic comminution and in use of rock saws)
- Prepared samples for electron microprobe analyses
- Assisted Dr. Mike Garcia and his graduate students with microscope work, PowerPoint presentations, and illustrations for publications

Student Trainee - June 2002 to July 2002

JOIDES Ocean Drilling Program
LEG 203 - Dynamics of Ocean and Earth Systems

- Assisted shipboard igneous petrologists in description and classification of hard rock core
- Assisted shipboard sedimentologist in description and classification of soft sediment core (from Leg 202)

VOLUNTEER EXPERIENCE

Big Sister - Sept. 2003 to Aug. 2004
Big Brothers Big Sisters - Reno Division

Education Docent - Nov. 2000 to Mar. 2001
Hanauma Bay Education Program - Hanauma Bay Marine Life Conservation District, Honolulu,
Hawai'i

REFERENCES

Will be provided upon request.