

Lindsay Arvin

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1000 E. University Ave, Laramie WY, 82071

Education

University of Wyoming, Laramie, WY

Ph.D. Student, Department of Geology and Geophysics, expected graduation 2020

Research interests: geomorphology, geochemistry; Advisor: Dr. Cliff Riebe

University of Southern California, Los Angeles, CA

B.S., *summa cum laude*, Geological Sciences, 2014 (GPA: 3.95/4.00)

Undergraduate thesis: Leaf waxes and plant waters in a tropical montane forest in Peru

Research

Experience

Undergraduate Research Assistant

University of Southern California, Los Angeles, CA

Sep. 2013—Dec. 2014

- Contributed to research projects in Dr. Sarah Feakins' organic geochemistry lab related to organic matter transport and modern leaf wax biomarkers.
- Senior thesis completed December 2014 (advised by Dr. Feakins).

SURE Intern

California State University, San Bernardino, CA

Summer 2014

- Summer Undergraduate Research Experience (SURE) intern with Dr. Sally McGill.
- Investigated tectonics and geomorphology in Southern California by collecting geodetic data across the San Andreas Fault and surveying a thrust fault scarp.

USEIT Intern

Southern California Earthquake Center, Los Angeles, CA

Summer 2013

- Undergraduate Studies in Earthquake Information Technology intern; worked with 20 other undergraduates to research earthquake forecasting models and subsequent hazard in Southern CA.

Honors &

Awards

NSF Graduate Research Fellow

USC SOAR Research Grant Recipient

USC Dean's List (all semesters)

University of Wyoming Women & Minorities Scholarship

USC Alumni Association Club Scholarship

USC Women in Science and Engineering (WiSE) Fellow

Conference

Posters

The Whitewater Hills: A potential locus of slip transfer from Mission Creek to the San Gorgonio Pass fault? Tarra Thompson, Lindsay Arvin, Sally McGill. SCEC Annual Meeting, September 2014.

SCEC-VDO: Information Technology for Earthquake Hazard Communication. Lindsay Arvin, Jeremy Chen, Taylor Hellam, Anta Imata Safo, Robert de Groot, Thomas Jordan. USC Undergraduate Symposium for Scholarly and Creative Work, April 2014.

Grain Size Distributions and Organic Carbon Transport in the Amazon River Network. Lindsay Arvin, Sarah Feakins, Camilo Ponton, A. Joshua West. USC Undergraduate Symposium for Scholarly and Creative Work, April 2014.

Implementing GIS, UCERF3, and OpenSHA into SCEC-VDO for the 2013 Grand Challenge.

Lindsay Arvin, Karina Novoa, Dan Philo, Ani Pytlewski, Hannah Shamloo, Jing Yuan, Thomas Jordan, Robert de Groot, Nick Rousseau, Dave Smith, Kevin Milner. SCEC Annual Meeting, September 2013.

Leadership

President

August 2013—May 2014

Sigma Gamma Epsilon Earth Science Honor Society, Omega Chapter

Coach

May 2014—April 2015

USC Ski and Snowboard Team