

Curriculum Vitae

Hilary Elizabeth Strong

Jackson School of Geosciences ♦ The University of Texas at Austin
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Education

- 2007 – Present** **M.S. Geology expected May 2009, The University of Texas at Austin**
Emphasis in Mass Transport Complexes
Advisor: Dr. Peter Flemings
- 2003 – 2007** **B.S. Geology June 2007, University of California, Los Angeles**
Overall GPA: 3.36/4.00 Geology GPA: 3.67/4.00

Research Experience

- 04/2007** **Field Assistant to USC PhD Geology student, Kurt Frankel**
Helped collect quartzite samples for cosmogenic dating, measured alluvial fan stratigraphic section, and analyzed fan maturity.
- Acknowledged in Frankel, K.L., and J.F. Dolan (2007), Characterizing arid region alluvial surface roughness with airborne laser swath mapping digital topographic data, *Journal of Geophysical Research* vol. 112, F02025, doi:10.1029/2006JF000644

Work Experience

- 02/2007 – 07/2007** **Staff Geologist, Ralph Stone and Company Inc.**
Made digital cross sections from topographic maps and test pit data; did slope stability analyses using SLOPE/W; ran compaction, shear, expansion, moisture, and density tests and analyses on soil samples; collected samples and took measurements at field sites; created plates for city and county reports; typed up reports and proposal accounts; and monitored drilling for steel-reinforced concrete piles.
- 08/2006 – 09/2006** **Lab Assistant, UCLA Department of Earth and Space Sciences**
Crushed and sieved rocks for zircon and apatite dating for Dr. Brian Horton and his M.S. students
- 07/2005 – 09/2005** **Lab Assistant, UCSD Scripps Institution of Oceanography**
Extracted pore waters from ocean sediment cores, and did chemical analyses on the water to determine silica content for Dr. Miriam Kastner

04/2004 – 06/2004 **Lab Assistant, UCLA Department of Earth and Space Sciences**
Made salt capsules for mantle pressure/temperature simulations of mineral reactions for Dr. Craig Manning and his PhD student

Fellowships and Scholarships

2008 **Ewing-Worzel Fellowship** One semester of support, promoting interaction between students of the Department of Geological Sciences and staff of the UT Institute for Geophysics, UTIG.

2007 **BP Scholarship** One semester of support, Jackson School of Geosciences, UT.

2006 **Eugene B. Waggoner Undergraduate Geology Scholarship** Support for Summer Field camp, and recognition of undergraduate academic excellence, Earth and Space Sciences Department, UCLA

Awards

2004 **Dean's Honors List** 3.824 GPA Winter Quarter, College of Letters and Sciences, UCLA

2005 **Dean's Honors List** 4.000 GPA Fall Quarter, College of Letters and Sciences, UCLA

2006 **Dean's Honors List** 3.753 GPA Winter Quarter, College of Letters and Sciences, UCLA

Activities

09/2007 – Present **Member at Large**, JSG Graduate Executive Council

09/2006 – 06/2007 **Secretary**, UCLA Earth and Space Science Student Organization

09/2003 – 06/2007 **Member and Leader**, UCLA Marching Band

03/2004 – 06/2007 **Member and Officer**, Tau Beta Sigma (Honorary Band Sorority)

Professional Affiliations

American Geophysical Union
Geological Society of America