Sheila M. Trampush
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Objective

Seeking internship to explore Oil and Gas industry career options for a PhD level researcher interested in solving broad geoscience questions with quantitative analyses of multidisciplinary datasets.

Education

The Pennsylvania State University, PhD. in Geosciences, expected 2017; GPA: 3.59
Dissertation title: Statistical characterization of the stratigraphic filter in marine sedimentary records
University of Wyoming, M.S. in Geology, 2013; GPA: 3.87
Thesis title: Paleoslope reconstruction of the Upper Jurassic Morrison Formation in Eastern Utah
Humboldt State University, B.S. in Geology, *Magna cum laude*, 2011; GPA: 3.74
Senior thesis: The depositional history of a flood deposit on Redwood Creek, Northern California
Columbia College, A.S. in Earth Science, with honors, 2009; GPA: 3.58

Professional Experience

Cabot Oil & Gas, Geology Intern — Pittsburgh, PA; April 2012- July 2012

Reconstruct basin scale black shale depositional patterns using digitized well logs.

National Park Service, Physical Science Technician — Redwood National Park, CA; June 2010-July 2011

Researched and cataloged a collection of geologic specimens and supporting documents and worked as part of field crew monitoring Redwood Creek in Redwood National Park

Awards and Scholarships

AAPG Grants-in-Aid, Harold J. Funkhouser Memorial Grant, May 2014
Penn State Dept. of Geosciences Shell Research Facilitation Award, May 2014
University of Wyoming Department of Geology & Geophysics Outstanding Masters Student, May 2013
ConocoPhillips Rocky Mountain Basin Graduate Study Scholarship in Geology and Geophysics, July 2012
Humboldt State Geology Department John Young Award for Outstanding Senior Thesis, May 2011

Relevant Skills and Leadership Experience

Quantitative analyses and prediction of the sediment transport processes active within terrestrial and marine basins.
Statistical characterization of stratigraphic depositional patterns.
Strong foundation in fundamental concepts and tools used in structural geology, geochemistry, and paleobiology.
Experienced in wide range of field techniques, including general geologic mapping, surveying, terrestrial LiDAR, and ESRI ArcPad based GPS mapping.
Proficient in a wide range of industry related software packages and associated programming languages, including Geographix, ArcGIS, Matlab, MySQL, Microsoft Access, R, SAS, and LaTeX.
Organized the University of Wyoming Geology & Geophysics Graduate Student Lunch Seminar.
Worked as a teaching assistant and peer tutor for many undergrad math and science courses.

Presentations and Publications

Trampush, S., McElroy, B., Huzurbazar, S., *in review*, Empirical assessment of theory for bankfull characteristics of alluvial channels, *Water Resources Research*
Ratigan, D., Dueker, K., Heller, P., **Trampush, S.,** *in review*, Stratigraphic constraints on seismic tomography and mantle-driven subsidence in the central Rocky Mountains, *Geology*
Presented at AGU Fall Meeting (2012, 2013) and SEPM Research Conference (2014)