

Alexandra Holland

CURRICULUM VITAE

Personal Information

Permanent: 725 West Ferry St.
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Educational Background

2016 B.Sc. **University of South Carolina**, Department of Geology, minor in Marine Science

Awards and Honors

Awarded 2nd Place for Poster Presentation at the Southeastern Biogeochemistry Meeting, Knoxville, TN, 2016
Honorable Mention for Poster Presentation at Discovery Day, University of South Carolina, 2016
University of South Carolina Undergraduate Research Grant, January 2015-December 2015
Graduating with Leadership Distinction in Research Spring 2016
President's List, Fall 2012, Spring 2013, Fall 2014, Spring 2015
Dean's List, Spring 2014, Fall 2015
Alpha Lambda Delta Honors Fraternity

Professional Experience

2014–present **Research Assistant**, University of South Carolina, Dr. Lori Ziolkowski:
During the school year I work ten hours a week, and this past summer I worked 40 hours a week in the lab. This semester I have been studying the compositional variability of cryoconite with altitude from both the Spencer Glacier and the Matanuska Glacier in Alaska. I specifically study the n-alkane composition using silica gel chromatography and GC/MS results.

Grants

Concluded:

Magellan Undergraduate Research Grant: Variability of Dark Snow Composition on Glacier Surfaces, Alexandra Holland, Dr. Lori Ziolkowski, \$3,000, 01/01/2015-12/31/15

Field Experience

(~18 days in the field)

Mountain Glaciers, Alaska (2015) sampling glaciers for cryoconite and combustion material
North Slope, Alaska (2015) sampling Arctic soils between Toolik Field Station and Deadhorse

Presentations

2016 The Geological Society of America's Southeastern Section- 65th Annual Meeting, Columbia, SC.
2016 The Southeastern Biogeochemistry Meeting, Knoxville, TN.
2016 Discovery Day, University of South Carolina

Leadership Experience

2016 **Graduating with Leadership Distinction in Research**, University of South Carolina:

I have applied to graduate with leadership distinction in research, which requires that I participate in a research project for a minimum of two semesters, participate in three enhancement experiences, which range from conferences, workshops, and official meetings. I must also complete six additional credit hours of course work from an approved list, I must complete a public presentation, and produce an E-Portfolio.

2014

Sorority Recruitment Staff, University of South Carolina:

I was selected through an application and interview process to be sorority recruitment leader during the fall of 2014. This position allowed me to lead a group of 30 girls participating in sorority recruitment at the University of South Carolina. I guided the girls through the weeklong process and acted as a mentor as they transitioned into college and sorority life.

Technical Skills

Proficient in Microsoft Excel