
Ashley Gingeleski

Education

Wells College Aurora, NY
Bachelor of Arts in Environmental Science, Phi Beta Kappa, and summa cum laude with a Cumulative GPA of 3.93 May 2016
The School for Field Studies, Center for Amazon-Andes Studies Pilcopata, Cusco, Peru
Study Abroad and Directed Research Spring 2015

Work Experience

The Great Basin Institute Boise, ID and Death Valley, CA
Ecological Monitoring Technician for Research Associate Program April 2017 – September 2017

- Utilized AIM protocol to carry out line point and gap-intercept surveys for Emergency Stabilization and Rehabilitation (ESR) program for the Boise District Bureau of Land Management Office
- Utilized topographic maps, a compass, and a handheld GPS unit to locate plot sites reached by a 4x4 vehicle
- Conducted site assessments, took photo points, and utilized taxonomic keys to identify plant species within plots
- Completed data entry in the field using Microsoft Access and updated annual reports for various wildfires

AmeriCorps Burned Area Restoration, Exotic Vegetation Control, and Habitat Restoration Technician October 2016 – March 2017

- Assisted with cyclic maintenance of exotic vegetation, through hand-pulling and herbicide application, in remote burned areas and riparian areas in Death Valley National Park reached by a 4x4 vehicle
- Surveyed and monitored vegetation of the Mojave desert and collected location data using a hand-held GPS unit
- Utilized ArcGIS and ArcMap to create maps of surveyed field locations
- Maintained detailed records of field activities using Microsoft Excel

The Nature Conservancy Pulaski, NY
Ecological Restoration Steward June 2016 – September 2016

- Conducted field surveys for aquatic and terrestrial invasive species using the rake toss method and visual observation for the St. Lawrence Eastern Lake Ontario (SLELO) Partnership for Regional Invasive Species Management (PRISM)
- Gained proficiency in plant taxonomy
- Utilized maps and GPS technology to locate sites and mark species detections using waypoints
- Organized results in field reports for public use
- Presented results at public meetings for communities within the SLELO PRISM and at partner meetings for stakeholders

King Ferry Vineyards, Inc. King Ferry, NY
Summer intern and part time employee June 2015–April 2016

- Developed skills in pruning and training grapevines and performed routine maintenance using hand tools
- Gained an understanding of viticulture and ecological relationships within the vineyard, with weed species and soil

Independent Field Research September 2015

- Conducted surveys of weed species and abundances throughout the vineyards
- Quantified effectiveness of weed diversity suppression in cover crop plots
- Synthesized study results into a report and public presentation for local community members and vineyard owners

Collegiate Community Service

- Member of New York State FORCES at Wells College from 2013 – 2016 (*President Spring 2016*)
 - Organized volunteers for service trips and communicated with NYS Park staff to complete tasks
 - Promoted the organization at state-wide meetings and collaborated with partners to improve campus chapter of the club
 - Removed exotic vegetation, performed trail maintenance, and assisted in environmental education efforts
- Member of Campus Greens at Wells College from 2013 – 2016 (*Co-Chair Fall 2014–Spring 2016*)
 - Engaged volunteers from campus community and represented the club at college recruitment events
 - Planned and executed meetings
 - Coordinated service activities such as campus cleanups and educational events

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EXPERIENCE

The Great Basin Institute Boise, ID and Death Valley, CA
Research Associate October 2016 – September 2017

- Collected plant data
- Created maps in ArcGIS
- Recorded data in Microsoft Access
- Created field reports for the National Park Service and Bureau of Land Management

The Nature Conservancy Pulaski, NY
Ecological Restoration Steward June 2016 - September 2016

- Surveyed natural areas for invasive species and collected geographic data
- Created field reports
- Gave public presentations about survey results

EDUCATION

Wells College Aurora, NY
B.A. in Environmental Science August 2013 - May 2016

PROJECTS

The impact of chicory (*Cichorium intybus*) and buckwheat (*Fagopyrum esculentum*) cover crops on weed diversity and abundance in a vineyard in Cayuga County, NY

- Wells College*
- Designed and implemented a study of plant species
 - Performed statistical analysis of data using Whittaker's Beta Diversity test, chi square test, and standard t-test
 - Prepared a paper and public presentation

Response to water stress in tree ferns and soil moisture in the Peruvian Amazon

- School for Field Studies*
- Measured and recorded data for tree fern and soil moisture changes between control and test ecosystems
 - Analyzed data using one-way ANOVAs and Kruskal-Wallis tests
 - Prepared a paper and public presentation

Forest floor mass and chemistry of watershed 6 at Hubbard Brook Experimental Forest, NH from 1976-2013

- Syracuse University*
- Analyzed soil biogeochemistry data for the forest floor
 - Compiled database of historical sampling events
 - Conducted statistical analysis using t-tests
 - Performed data visualization using SigmaPlot

SKILLS

- Python
- Microsoft Excel
- Data Visualization
- Quantitative Data Analysis
- Statistical Analysis
- Familiar with: R, Git, SQL

RELEVANT COURSEWORK

- Introduction to Data Analysis
- Learn Python
- Learn SQL
- Mathematical Statistics
- Directed Research
- Tutorial in Geographic Information Systems (GIS)