

# Alison Kathryn Post

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- EDUCATION** BS in Biology with an ecology/evolution concentration, Minor: Surficial Geology Honors College, University of Maryland, College Park, MD **Graduated: May 2014**  
GPA: 4.0, summa cum laude
- OBJECTIVE** Complete a doctorate degree in plant ecology, then teach and conduct research in this area
- RESEARCH EXPERIENCES**
- Aquatic Entomology Lab, University of Maryland, College Park, MD Jun 2014 - present**  
Lab Manager
- Work with Dr. William Lamp (lamp@umd.edu), Dept. of Entomology
  - Assist with various research projects, primarily one assessing black fly regional distribution
  - Conduct fieldwork, greenhouse work, and insect identification
  - Oversee lab equipment and facilitate experiments
- Greenhouse Research, University of Maryland, College Park, MD Jan 2013 - May 2014**  
Student researcher
- Worked with Dr. Joseph Sullivan (jsull@umd.edu), Plant Sciences Dept.
  - Researched the response of soybean and poplar plants to elevated UV light levels
- REU (Research Experience for Undergraduates) at May - Aug 2013**  
**Mountain Lake Biological Station, Pembroke, VA**  
Intern
- Worked with Dr. Laura Galloway (lg8b@eservices.virginia.edu), Dept. of Biology, University of Virginia
  - Designed and conducted an independent experiment on the mating system of the American Bellflower
  - Conducted both fieldwork and greenhouse work
  - Wrote a proposal and research paper, presented results
- Department of Mineral Sciences, National Museum of Natural History, May - Aug 2012**  
**Smithsonian Institution, Washington, DC**  
Intern
- Studied fungal precipitation of manganese oxides
  - Worked with X-ray diffraction, SEM, PCR machines, and BLAST
- REU at the Department of Mineral Sciences, National Museum of May - Aug 2011**  
**Natural History, Smithsonian Institution, Washington, DC**  
Intern
- Worked with Dr. Cara Santelli (SantelliC@si.edu), biogeochemist
  - Conducted and presented individual research on fungal bioremediation
  - Mastered lab techniques including media preparation and spectrophotometry
- ABSTRACTS**
- Post, A., Templeton-Brandt, L., Coleman, G. and Sullivan, J. (2014), Photomorphogenic responses of two populus clones to supplemental UV-B radiation, presented at 2014 Ecological Society of America Meeting, Sacramento, CA, 10-15 Aug.
- Post, A. & Galloway, L., (2014), Factors influencing rates of autogamy among populations, presented at Evolution 2014 joint annual meeting of SSE, SSB and ASN, Raleigh, NC, 20-24 Jun.
- Post, A., Mateu, M., Glickstein, A., Warpeha, K., & Sullivan, J. (2014), Can supplemental phenylalanine increase the level of protection from UV-B radiation in soybean?, presented at 2014 Ecological Society of America Mid-Atlantic Regional Meeting, College Park, MD, 28-30 Mar.
- Post, A., Mateu, M., Glickstein, A., Warpeha, K., & Sullivan, J. (2013), Responses of soybean seedlings to supplemental phenylalanine and its implications for tolerance to UV-B radiation, presented at 2013 Ecological Society of America Meeting, Minneapolis, MN, 4-9 Aug.

<b>OTHER EXPERIENCES</b>	<b>University Studies Abroad Consortium (USAC), San Ramón, Costa Rica</b> Exchange student • Studied upper-level biology and Spanish at the University of Costa Rica • Volunteered for Costa Rican National Parks- monitored, tagged, and recorded nesting sea turtles • Researched and planned the design for a sustainable community garden	<b>Jan - May 2012</b>
	<b>Mighty Sound of Maryland Marching Band</b> Squad leader 2011 - 2014	<b>2010 – 2014</b>
	<b>University of Maryland Study Abroad Office</b> Volunteer	<b>2012</b>
<b>HONORS AND AWARDS</b>	• BIO-OCE NSF travel scholarship • Mortarboard National Honors Society • Phi Kappa Phi National Honors Society • UMD Study Abroad Scholarship • Primmanum Honors Society • Maryland Distinguished Scholar Scholarship	<b>2014</b> <b>2013 – present</b> <b>2012 - present</b> <b>2012</b> <b>2011 - present</b> <b>2010 - 2014</b>
<b>LANGUAGES</b>	Proficient in Spanish	