

# Andrea J. Noziglia

*Curriculum vitae*

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- Education** Arizona State University- Tempe, AZ  
M.S. in Biology and Society, Advisor- Dr. Leah Gerber, in progress  
Concentration in Ecology, Economics, and Ethics of the Environment  
2014-present, Expected to graduate in May 2015  
Arizona State University and Barrett, the Honors College- Tempe, AZ  
B.S. in Biological Sciences (Conservation Biology and Ecology), Spanish Minor, Music Minor  
2010-2014, GPA 3.7, Graduated Magna cum laude  
Horizon High School- Scottsdale, AZ  
2006-2010, GPA 4.0
- Research Experience** Arizona State University: Dr. Leah Gerber's Marine Conservation lab, 2012-present  
Relationship between flame retardants & fishery sustainability, independent research  
Chemical contaminants in seafood, under the direction of Robert Wildermuth  
Marine habitat connectivity in California, under the direction of Maria del Mar Mancha Cisneros  
Intraspecies niche partitioning of California sea lions, under direction of Tara Gancos Crawford  
Arizona State University: Dr. Sharon Hall's Terrestrial Ecology lab, 2012  
Succulent growth and ancient human influence in the Sonoran Desert, under Matthew Camba
- Work Experience** Arizona State University: Graduate Teaching Assistant, December-May 2015, under Dr. Kim Michel  
BIO 182 General Biology II Lab, 3 sections- Personally responsible for 75 students  
Arizona State University: Student Research Aide, June-December 2014, under Dr. Osvaldo Sala  
Investigated the representation of sustainability in journals and publications of SOLS faculty  
Arizona State University: Student Research Aide, July 1-Aug 31, 2014, under Dr. Leah Gerber  
Completed tasks in the launching of the Center for Biodiversity Outcomes  
Arizona State University: Undergraduate Teaching Assistant, January-May 2014, under Dr. Leah Gerber  
BIO 411 Quantitative Methods in Conservation and Ecology- ecological/population modelling  
Arizona State University: Undergraduate Teaching Assistant, August-Dec 2013, under Dr. Leah Gerber  
BIO 322 Conservation of Biodiversity  
Arizona State University: Student Researcher, May-July 2013, under Dr. Leah Gerber  
Literature review of recent publications on chemical contaminants in seafood  
Taco Bell: Cashier/Service Champion, May-August 2013, under Jeffrey Sindorf  
Skills gained: Accountability, adaptability, and working with people
- Volunteer Experience** 120 hours of community service 2007-2010  
197.5 hours of community service 2010-present  
Member of Circle K International (Kiwanis) 2010-2013  
Theater Usher at the Musical Instrument Museum 2010-2013
- Undergraduate Honors Thesis** Spring 2014: "Flame retardants in seafood and their significance for conservation"
- Publications** (*In review*) Noziglia, A., J. Shaw, E. Brooks, Y. Astudillo-Scalia, and C. Campini. 2014.  
Diversity for biodiversity, a student perspective.  
(*In preparation, draft available*) A. Noziglia, L. R. Gerber. 2015.  
Fish, flame retardants and the US Toxic Substances Control Act.

- Presentations** 2015 American Association for the Advancement of Science (AAAS) Meeting, San Jose  
Poster: "Flame retarding chemical contamination of seafood and significance for biodiversity conservation."  
2014 North American Congress for Conservation Biology, Missoula  
Poster: "Flame retardants in seafood and their significance for conservation."

### **Qualifications & Experience**

Language Skills: Semi-fluent Spanish, extensive literature review, social networks, effective organization & communication  
Computer Skills: MS Windows, Microsoft Word, Excel, PowerPoint, Google tools, R (statistical computing software)  
Field experience: Observation, catch and release (mist netting birds & bats, small mammal trapping), transects, succulent identification, quantification of rock cover, collecting basic field data, some GPS work, visual population surveys (jackrabbits, birds), invasive species removal (AZ crayfish), evaluation of aquatic system equality (springs, streams, lakes), investigation of succulent/cacti growth in proximity to nurse plants/rocks  
Lab experience: Various projects with microorganisms, chemicals, biological products such as sea lion fur, introduction to working with stable isotope mass spectrometry, sample preparation, data collection, entry, & analysis  
Training: Lab Safety Training, Hazardous Waste Management, Fire Safety Training, 2012-present  
CITI Responsible Conduct of Research Training, July 2013-present  
Fire Safety Training Refresher, September 2013-present  
Workplace Behavior: Preventing Harassment 2014-present  
Workplace Behavior: Consent and Respect 2014-present  
Teaching Assistant Development: Online modules, in person 2014-present  
Leadership: Vice President and later President/Music Director of collegiate a cappella singing group, project management, multiple Teaching Assistantships, report writing, efficient collaboration, professional online communication  
Musical: Song-arranging experience with tools such as Finale, Sibelius, Garage Band, and Audacity; 14 years of piano, beginner guitar & ukulele & percussion, intermediate voice, advanced theory and music history, both solo & ensemble experience in voice and instrument

### **Achievements**

Member of the Central Arizona Chapter of the Society for Conservation Biology, Fall 2012-present  
Attended and volunteered at the 2013 International Congress for Conservation Biology, Baltimore  
Attended, volunteered, and presented at the 2014 North American Congress for Conservation Biology  
Attended and presented at the 2015 American Association for the Advancement of Science Meeting  
Dean's List, ASU College of Liberal Arts and Sciences, Fall 2011-Spring 2014  
New American University Scholar- President's Award 2010-2014  
Member of the Association for Women in Science (AWIS) Fall 2014-Spring 2015  
Member of Golden Key International Honour Society, Spring 2014-present  
Member of the ASU Chapter of the Spanish Honor Society (Sigma Delta Pi) Spring 2014-present  
Study abroad: Costa Rica (4 weeks) Summer 2011; United Kingdom & Ireland (6 weeks) Summer 2012  
Participated in the 2012 Fall Forward Leadership Conference  
Performed in 50<sup>th</sup> – 62<sup>nd</sup> Annual PMTA Piano Ensembles, 2002-2014  
Member of the ASU Choral Union 2010-2011  
Member of the Barrett Honors Choir 2011-2012  
Member of the TEMPEtations, ASU's coed a cappella singing group 2010-2014  
Vice President of the TEMPEtations 2012  
President & Music Director of the TEMPEtations 2013  
Competed in the 2013 International Championships of Collegiate A Cappella (ICCA)  
Competed in the 2014 ICCA: Group awarded 2<sup>nd</sup> Runner-Up in the West Quarterfinal

**References**

Leah R. Gerber, PhD  
Professor, Arizona State University  
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Oswaldo E. Sala, PhD  
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Joshua Abbott, PhD  
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Kim Michel, PhD  
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Beth Polidoro, PhD  
Professor, Arizona State University  
PO Box 37100  
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**Completed Undergraduate Courses**

Life Sciences Career Paths  
Darwin & Voyage of the Beagle  
General Chemistry I & II, Lab  
First-Year Composition (English)  
The Human Event I & II  
Spanish Conversation and Composition I & II  
Philosophy of Science  
Statistics for Biosciences  
Encounters with Latin America: Costa Rica  
Elementary Organic Chemistry, Lab  
Biology of Microorganisms, Lab  
Classical Music in America  
Introduction to Hispanic Literature  
Women and Sexuality  
Fundamentals of Ecology  
General Genetics  
History of Women in Music  
Advanced Spanish Conversation & Composition  
Culture & Society of England, Ireland, & Scotland  
Romantics, Victorians, & Moderns

Conservation of Biodiversity  
Organic Evolution  
Mac Literacy for Musicians  
Performance Review: Bach to Bebop  
Spanish Literature before 1700  
Ecosystem Restoration & Mgmt.  
Quant. Methods in Conserv. & Ecology  
Marine Ecology and Conservation  
Jazz in America  
Classic Rock: 1950-1975  
Rock Since 1975  
Spanish Literature Since 1700  
Techniques in Conserv. Bio. & Ecology  
Biometry  
Fundamentals of Music Notation  
General Physics I  
Conservation in Practice  
General Physics II  
Intro to Spanish for the Professions  
Civilization of the Spanish Southwest

**Completed Graduate Courses**

Marine Conservation Lab  
Ecosystem Services Lab  
Ecosystem Ecology  
Biology and Society Lab

Applied Regression Analysis  
The Economics of Conservation  
Environmental Ethics & Policy Goals