**First Name Last Name**



**Address | email**

# EDUCATION

**State University of New York at New Paltz**, New Paltz, NY

Bachelor of Arts in Biology, minor in Chemistry expected December 2017

**Study Abroad:** Brazilian Amazon, Tropical Field Ecology August 2016

**State University of New York at Dutchess Community College**, Poughkeepsie, NY

Associate of Science in Liberal Arts and Sciences May 2013

# RELEVANT COURSES

Genetics, Organic Chemistry, Biological Statistics, Protein Structure and Function, Immunology, Molecular Biology, Inorganic Chemistry, Senior Research in Chemistry, Research in Biology, Polymer Chemistry, Biological Chemistry

# SKILLS

**Lab Techniques:** Cell Culture, Gel Electrophoresis, Western Blot, UV-Vis Spectroscopy, TLC, Liquid/liquid Extraction, FT-IR Spectrometry, 13C and 1H NMR spectroscopy, Fractional distillation, qRT-PCR, Barcoding, Reagent Preparation **Computer Skills:** Microsoft Word, Excel, PowerPoint, Swiss PDB Viewer and NMRnotebook

**Languages:** Spanish (Conversational)

# RESEARCH EXPERIENCE

**SUNY New Paltz: Biology Department**, New Paltz, NY May 2016 – Present

*Undergraduate Research Assistant,* Primary Investigator: Jennifer Waldo, Ph.D.

* Analyze commercial dog food samples to investigate and verify listed consistency of ingredients
* Extract DNA and analyze the DNA sequences to identify species and compared the relationships between the species using qRT-PCR and PCR barcoding

**SUNY New Paltz: Chemistry Department**, New Paltz, NY January – May 2016

*Undergraduate Research Assistant*, Primary Investigator: Frantz Folmer-Andersen, Ph.D.

* Optimized control of product distributions by addition reactions of hydrohalic acids (HCl and HBr) to alkenes
* Purified products by fractional distillation and liquid/liquid extraction
* Characterized products by 13C and 1H NMR spectroscopy
* Presented research at the Mid-Hudson American Chemistry Society Undergraduate Research Symposium

# WORK EXPERIENCE

**Wingate at Ulster**, Ulster, NY May 2014 – Present

*Certified Nursing Assistant*

* Work with nurses to provide assistance with daily activities and living needs of patients and elderly residents
* Document and report observations of patient/resident behavior, complaints or physical symptoms to nurses

**SUNY Dutchess: Chemistry Department**, Poughkeepsie, NY September 2012 – May 2013

*Undergraduate Lab Assistant*

* Prepared and maintained laboratories, equipment, supplies and inventory; performed general lab functions
* Assisted faculty in lab related issues; provided students help with labs and coursework

*Chemistry Lab Assistant*, Math & Science Matter...Especially for Young Women Workshop March 2013

* Prepared science workshops; provided help to and encouraged young women in engaging science activities

**Piercing Pagoda**, Poughkeepsie, NY November 2011 – September 2013

*Key/Sales Associate*

* Provided excellent customer service, maintained environment for customers and provided ear piercings

**Biology/Chemistry**