

# Natasha Pacifico

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## Education

### Westminster College

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE, MINOR IN COMMUNICATIONS

*New Wilmington, PA*

*Aug. 2013 - May 2017*

### CAPA Institute for International Students

WESTMINSTER IN LONDON STUDY ABROAD PROGRAM

Traveled to: Hungary, Ireland, Italy, Scotland, and Wales

*London, UK*

*Sept. 2015 - Dec. 2015*

## Work Experience

### Laboratory Inspector

ASTM INTERNATIONAL

*Frederick, MD*

*Jun. 2017 - Current*

- Assessed concrete laboratory's procedures and documentation for adherence to the relevant standards
- Advised personnel on appropriate testing techniques, documentation, training methods, and best practices
- Prepared a written report on the laboratory's overall compliance with standards
- Traveled independently for approximately one month periods

### Environmental Science Intern

MERCER COUNTY CONSERVATION DISTRICT

*Mercer, PA*

*Feb. 2017 - May 2017*

- Performed baseline studies on tributaries around Lake Wilhelm
- Coordinated with local schools to prepare for the Mercer County Envirothon
- Organized community cleanup of a local stream for an Earth Day event

## Relevant Research

### Senior Capstone

WESTMINSTER COLLEGE

*New Wilmington, PA*

*Aug. 2016 - Dec. 2016*

- Studied influencing factors of water quality in natural springs in western Pennsylvania and eastern Ohio
- Used EPA guidelines and surrounding land usage to determine the health of the springs
- Analyzed metals with ICP-OES, cultured bacteria from samples, and used data collection probes
- Used ArcGIS to map local watersheds and surrounding land types in relation to natural springs

### Geographic Information Systems

WESTMINSTER COLLEGE

*New Wilmington, PA*

*Jan. 2016 - May 2016*

- Studied relationship between environmental conditions, human development, and politics in Pennsylvania
- Utilized collected research data to create custom layers in ArcGIS

## Laboratory Skills

- IR Spectrum Analysis
- NMR Spectrum Analysis
- TLC Analysis
- PCR Amplification
- Agarose Gel Electrophoresis
- Titration

## Technical Skills

- MiniTab
- ArcGis
- Statistical Analysis

## Community Involvement

### Team Member

WESTMINSTER TINY HOUSE PROJECT

*Westminster College*

*Aug. 2016 - May 2017*

- Implemented solar power, rainwater collection, and a composting toilet into a tiny house
- Coordinated with professors to create courses on sustainable living, which incorporates the tiny house

### Philanthropic Service Chapter Adviser

NATIONAL SOCIAL SORORITY

*Thiel College*

*August 2017 - Current*

- Advised and oversaw the current Vice President of Philanthropic Service
- Approve philanthropic service events and allocation of chapter funds to aid in the service events