

ALINA VO
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EDUCATION

Ursinus College

Major: Chemistry • Minor: Spanish
Bachelor of Science

May 2014
Collegeville, PA

Independent Research

January 2011-May 2013

Advisor: Dr. Codrina Popescu

Spectroscopic Studies of Dehaloperoxidase from *A. Ornata*: Investigations of the Chemistry of Active Site with Hydrogen Peroxide and Ascorbic Acid

Student Memberships

Beardwood Chemical Society
American Chemical Society

PROFESSIONAL EXPERIENCE

Lab Technician IV

January 2015-Present

Philadelphia Energy Solutions

Philadelphia, PA

- Test physical and chemical properties of petrochemical process streams and final products at the largest oil-refining complex on the east coast
- Perform laboratory tests according to prescribed American Society for Testing and Materials (ASTM) method procedures while abiding to rules and regulations to maintain safe work environment
- Document results and ensure collected data falls within accepted ranges in order to confirm quality of products tested
- Demonstrate ability to multitask with high work volume while maintaining accuracy and timeliness
- Verify equipment function through maintenance and troubleshoot variety of scientific instruments as needed

VOLUNTEER & LEADERSHIP

Volunteer

October 2018-Present

Vetri Community Kitchen

Philadelphia, PA

- Teaches STEM through after-school cooking lessons to students K-12

Board Member

May 2016-Present

Inspire Philadelphia

Philadelphia, PA

- Work to improve the educational and social quality of Philadelphia neighborhoods by providing programming and services for youth and adults

- Advocate for extra curricular activities as an educational right in local school systems
- Design and teach interactive STEM lessons in underprivileged elementary schools within the Greater Philadelphia area

Chapter Advisor, Sigma Sigma Sigma Sorority

September 2015-Present

Ursinus College

Collegeville, PA

- Advise collegiate members on all aspects of chapter operations and leadership development
- Oversee risk management and chapter liability on collegiate and national levels
- Promote ongoing Character Counts Initiative, which teaches and encourages strong character in young women

Volunteer

October 2016-Present

Children's Hospital of Philadelphia

Philadelphia, PA

- Assist with daily tasks at the Ronald McDonald House to ensure needs of patients and their families are met
- Coordinate volunteer participation for individual and large groups

Social Media Volunteer Coordinator

May 2016-Present

Philadelphia Horticultural Society

Philadelphia, PA

- Coordinate communication and social media advertising for organization's public events