

Corine J. Mendenhall

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Education

Lebanon Valley College, Annville, Pennsylvania

Expected Graduation: May 2018

Bachelor of Science, Chemistry

Certification: Secondary Education, Chemistry (7-12)

Chemistry: Content Knowledge (5245) PRAXIS Exam

Passed: Summer 2017

Teaching Experience

Hempfield High School, Landisville, Pennsylvania

Fall 2017, Spring 2018

Student Teacher, Chemistry

- Designed multiple units of instruction including guide notes, homework assignments, instructional tools, labs, and demonstrations.
- Introduced iPads and related technology for note-taking and instruction.

Child & Career Development Center, Coatesville, Pennsylvania

June 2017 – August 2017

Summer Instructional Assistant, High School Life Skills

- Assisted the classroom teacher with daily instruction and classroom management.
- Implemented team-building activities that focused on communication, fine-motor skills, and following instructions.

Lebanon High School, Lebanon, Pennsylvania

Spring 2017

Student Teacher, Chemistry

- Utilized literacy strategies based on the Collins Writing program to enhance learning.

Palmyra Middle School, Palmyra, Pennsylvania

Fall 2016

Student Teacher, Life Science

- Observed to learn how individual teachers used the Danielson Model to strengthen teaching skills and engage students.

Annville-Cleona Secondary School, Annville, Pennsylvania

Fall 2015, Fall 2014

Student Teacher, Middle School Art

Student Teacher, High School Chemistry

Related Work Experience

Lebanon Valley College, Annville, Pennsylvania

2015 - present

Peer Tutor

2016-present

- Work with students one on one or in small groups to help them review for their courses.

Study Pod Leader

2016-present

- Lead group review sessions at least twice a week for the organic chemistry class.

Teacher's Assistant

2015-present

- Prepare the materials needed for lab each week. Assist the professor in answering student questions and supervising lab procedures.

Research Assistant

Summers 2015-2017

- Synthesized various inorganic compounds, characterized them using NMR and mass spectroscopy, and further analyzed their reaction with various guest ions using fluorescence spectroscopy.

Camp Sankanac, Spring City, Pennsylvania

Summers 2013-2016

Counselor

- Acted as leader and role model for 8-10 girls each week 24 hours/day caring for their general well-being and making their camp experience as fun and rewarding as possible.

Presentations and Publications

Unit of Study for the AACA Museum
Hershey, Pennsylvania

pending publication: March 2018

Pennsylvania Science Teachers Association Conference

December 2016

State College, Pennsylvania

Title: Teaching Science through the Danielson Model, Podium Presentation

19th Annual Undergraduate Research Symposium in the Chemical and Biological Sciences

October 2016

Baltimore, Maryland

Title: Synthesis of Ruthenium Macrocycles, Poster

Award: Chemical Sciences, 1st Place

252nd American Chemical Society National Meeting and Exposition

August 2016

Philadelphia, Pennsylvania

Title: Synthesis of Ruthenium Macrocycles, Poster

Disappearing Boundaries Summer Research Meeting

July 2016

Annaville, Pennsylvania

Title: Synthesis of Ruthenium Macrocycles, Poster

Disappearing Boundaries Summer Research Meeting

July 2015

Annaville, Pennsylvania

Title: Synthesis of Ruthenium Macrocycles and Ruthenium Pendant Host Systems, Poster

Volunteer Experience

Encounter Church of Palmyra, Palmyra, Pennsylvania

September 2016-present

- Led Kindergarten students through weekly lesson plans that reflected the monthly theme being taught at the church.

East Brandywine Baptist Church, Downingtown, Pennsylvania

August 2012-present

- Provided care for 2 and 3-year-old children during services over the summer.
- Supported the director by assisting in craft time, story time, song time, and game time as needed.

Professional Affiliations

Pennsylvania State Education Association, Student Member

2017-present

Gamma Sigma Epsilon, Chemistry Honor Society

2017-present

Sigma Alpha Pi, A National Honor Society for Leadership and Success

2016-present

American Chemical Society, Student Member

2016-present

Pennsylvania Science Teachers Association, Student Member

2016-2017

Activities

LVC Chemistry Club

2014-present

President

2017-present

Vice President

2016-2017

Secretary

2015-2016

LVC Christian Life

2014-present

Real Group Leader

2018-present

Dorm Bible Study Leader

2015-2017

Pride of the Valley Marching Band

August 2014-December 2017