

# Paul Corsetti

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## EDUCATION

Loyola University Chicago

**B.S. in Environmental Science - Chemistry Minor - GPA: 3.659/4**

Honors & Awards: Dean's List (Spring 2022-2024)

Relevant Coursework: Organic Chemistry, Principles of Ecotoxicology, Environmental Chemistry

## RELEVANT EXPERIENCE

### Undergraduate Chemistry Research

Chicago, IL

Lab Assistant

August 2023 – April 2024

- Studying novel catalytic surfaces relevant to carbon dioxide conversion to methanol under ultra-high vacuum
- Learning the setup and operations of an ultra-high vacuum chamber lab
- Acquiring skill in scanning tunneling microscopy imaging

### Independent Environmental Research

Chicago, IL

Research Analyst

November 2023 – April 2024

- Employing multiple techniques of measuring soil nitrogen availability and plant uptake
- Performing data normalization and calibration on a large number of nitrogen soil measurements

### Society of Environmental Toxicology and Chemistry

Chicago, IL

Poster Presentation

May 2022

- Cooperated with a small group of my peers to collect sources of research on the use of growth hormones in the U.S. meat production industry
- Worked with former Loyola University of Chicago Ecotoxicology Professor, Dr. Satomi Kohno
- Formulated a cohesive argument against the use of growth hormones in swine and cattle

## WORK EXPERIENCE

### Corsetti Structural Steel

Joliet, IL

Shop Welder/Fabricator

June 2017 – August 2024

- Collaborated with senior welders to gain experience in wire feed and MIG welding
- Managed cutting torch by adjusting regulator valves to prevent metal expansion and warping
- Trained new shop employees on how to weld and operate equipment

## LEADERSHIP AND VOLUNTEER

### Loyola Pep Band

Chicago, IL

Performance of lead trumpet music for Loyola sporting events

August 2021 – April 2024

- Supervising and instructing incoming underclassmen trumpet players on how to perform at events

### Zero Waste Loyola Sports Games

Chicago, IL

Volunteer work at Loyola University Chicago Sporting events

September 2023 – December 2023

- Collected recyclable waste from sporting events
- Separated recyclable materials into their respective containers

### Labre Homeless Ministry

Chicago, IL

Regular outing to feed and talk with people suffering from homelessness in Chicago

November 2023

- Prepared and distributed simple meals to people lacking shelter
- Debriefed experiences with other volunteers to reflect on the complexities of homelessness

## SKILLS

**Technology:** MS Excel, MS Word, R Statistical Software, ArcGIS Pro, AISC Mig Welding Certified, AISC Forklift Certified, IR Spectroscopy, Mass Spectroscopy, Proton NMR