

Jessica Kolora

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EDUCATION

TEMPLE UNIVERSITY, Philadelphia, PA

Natural Science with Concentration in Chemistry B.S Candidate

Expected Graduation Date: May 2024

Relevant Coursework:

- Organic Chemistry Laboratory
- Elementary Physics I & II
- Calculus I, II, and III
- Interpersonal Communication

RESEARCH EXPERIENCE

TEMPLE UNIVERSITY, Philadelphia, PA

May 2023-present, Research Assistant (Department of Chemistry)

National Science Foundation Research Experience for Undergraduates (REU)

Advisor: Dr. Eric Borguet

Energy Harvesting and Storage with Stratified Hybrid Metal Organic Frameworks (MOFs) for Around the Clock Destruction of Chemical Warfare Agents

- Conducts literature reviews and assists in developing the research framework for energy storage using stratified hybrid MOFs as a novel approach to neutralizing chemical warfare agents
- Evaluate the performance of stratified hybrid MOF-based energy storage devices under various environmental conditions using an UV/vis spectrometer
- Collaborated in design and implementation of a continuous flow system for degradation chemical warfare agents
- Collects and analyze data from experiments, generating comprehensive reports and contributing to academic publications aimed at sharing the research findings with the scientific community

WORK EXPERIENCE

CVS PHARMACY, Philadelphia, PA

August 2021-present, Pharmacy Technician

- Serve 40+ customers daily by taking and filling prescriptions, answering questions, billing insurance, and handling payment
- Respected customer's privacy by maintaining strict confidentiality and upholding all local and HIPAA, DEA, and EPA guidelines.
- Checks in specialty items and double counted control (II) substances while maintain a clean workspace
- Resolves problems regarding patient's prescriptions by editing and reprocessing scripts on Queue Triage
- Uses IMF Workflow to check- in patients (age 5+) with or without an appointment for various shots such as Covid, Flu, and Shingles Shot
- Place and prepares patient's prescriptions for delivery and followed the protocols for a successfully delivery

TEMPLE UNIVERSITY, Philadelphia, PA

September 2022-December 2022, Teaching Assistant

- Maintained over 50 students' progress and attendance records and provided appropriate feedback on work
- Held weekly scheduled office hours to advise and assist students and proctored exams
- Prepare course materials such as homework assignments, study guides, and supplementary course materials

CHANGING THE PRESENT, New York, New York

Data Entry Clerk, June 2020-August 2020

- Performed quality assurance on weekly data entry activities for 25+ organizations with excel

SKILLS

Software: Rx Connect, Microsoft Word, Excel, IgorPro9, Python

Technical: UV-vis spectrometer, FT-IR spectrometer, pH-meter, micropipette, volumetric pipette, FT-IR spectrometer