

CASSIE CHEMISTY

1000 Main Street, Baltimore, MD 21075

chems@umbc.edu

Phone: (410) 999-9999

CAREER OBJECTIVE

Entry-level chemistry position utilizing my experiences in and passion for science, human relations, and business.

EDUCATION

University of Maryland, Baltimore County (UMBC)

Baltimore, MD

B.S., Chemistry, Expected May 20xx

Major GPA: 3.3; Worked part-time as a full-time student

RESEARCH EXPERIENCE

Undergraduate Researcher, UMBC Chemistry Department

9/xx-Present Baltimore, MD

- First researcher in chemistry department to work on a joint biology/chemistry project with faculty from both disciplines
- Spectroscopy analysis of plant pathogens using HPLC

Research Assistant, University of West Florida Chemistry Department

1/xx-8/xx

Pensacola, FL

- Performed industry-focused research for Merck Pharmaceuticals
- Extracted metals and proteins from St. John's Wort (hypericum) in media to determine optimum agricultural standards for the production of the plant for cancer treatments and other possible medicinal treatments

R&D Lab Technician (Co-Op), Pall Membrane Technology

8/xx-5/xx

Pensacola, FL

- Created filtration membrane during the developmental phase
- Ran various membranes in production lines
- Maintained chemical and supply inventory

RESEARCH SKILLS

- Strong background in general organic chemistry laboratory techniques, including separation, filtration, synthesis, distillation and qualitative analysis
- Extensive experience with HPLC and affinity chromatography; spectrophotometer; NMR spectroscopy
- Biochemical and molecular biology practical experience include DNA manipulation and expression as well as protein synthesis and purification
- Microsoft Office (Word, Excel, PowerPoint)

CHEMISTRY INSTRUCTION EXPERIENCE

University of West Florida Chemistry Department, Teaching Assistant Fall xx/Spring xx

- Set up and break down of lab experiments for General Chemistry II; operated equipment for lab experiments and examinations
- Taught the organic chemistry class, Fundamentals of Chemistry, to nursing students
- Taught labs and classes of up to 40 students
- Tutored to groups in lecture and in lab and individually after class hours

LEADERSHIP EXPERIENCE

Transfer Student Program Coordinator, UMBC Chemistry Department

10/xx-Present

Baltimore, MD

- Work with chemistry department chair to initiate the college's first academic programming for transfer students
- Initiate outreach and mentoring support for transfer students in the chemistry department through the creation and marketing of events, seminars, study groups, and classes; Efforts increased science student's participation 25%.

Program Coordinator, UMBC Off-Campus & Transfer Student Services

2/xx-Present

Baltimore, MD

- Coordinate with multiple departments to develop and facilitate programs and team builders for a diverse population
- Research and develop informational resources for target audience; Consistently received positive feedback on customer service and quality of work