

BAILEY BIOCHEMISTRY

100 Main Street, Baltimore, MD 20250

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Objective: To obtain a position in a research laboratory that would benefit from my lab experience and academic experience in the natural sciences

Education:

Bachelor of Science in Biochemistry and Molecular Biology, expected May 20xx

University of Maryland, Baltimore County (UMBC)

Minor: Spanish

GPA: 3.4, Major GPA: 3.6, Dean's List

Select Scholar Programs: Meyerhoff Scholar, MARC U*STAR Scholar

Worked 20 hours/week as a full-time student

Skills:

- **Lab Skills:** PCR, HPLC, Gel Electrophoresis, Western Blots, NMR, Bacterial DNA extraction, Electroporation, Fluorescent Microscopy, Organic Extractions, Phylogenetic Trees, Thin Layer Chromatography, Mammalian Tissues Cell Culturing, Bacterial Gene Transformation, Mutagenesis, Protein Purification via Column, Circular Dichroism, Isothermal Titration Calorimetry (ITC), Cloning, Universal Precautions proficiency, Pipetting Techniques
- **Computer:** Microsoft Office (PowerPoint, Excel, Word), SAS, Spike 5 (Action Potential Analysis software)
- **Languages:** Intermediate Spanish

Research Experience:

Lab Assistant, UMBC Chemistry Department, Baltimore, MD

9/xx - present

- Prepare solutions for experiments
- Utilize techniques such as prep plates, distillation, and thin layer chromatography
- Assist in ordering and stocking lab supplies and chemicals
- Perform NMR spectroscopy to identify the products of the reaction
- Keep accurate documentation

Research Intern, Center of Marine Biotechnology Institute, Baltimore, MD

Summer 20xx

- Worked with the Summer Microbiology and Research Training in Microbiology (SMaRT) and Microbial Observatories on Marine Sponges (MOMS) programs
- Characterization of sponge microbial isolates, Gram Stain, DAPI counts, DNA extraction, PCR, Gel Electrophoresis, Denaturing Gradient Gel Electrophoresis, Signaling Compounds in bacteria using Thin Layer Chromatography and Cross Feeding Assays

Leadership:

- **Treasurer, Women in Science and Engineering (WISE)**, 20xx - present
- **Fundraising Chair**, Alpha Gamma Delta sorority, 20xx - present
- **Chair**, UMBC Welcome Week Leaders, 20xx

Other Experience:

Server, Bob Evans, Baltimore, MD

4/xx – present

- Demonstrate commitment to extraordinary customer service and ability to work as a pro-active self-starter
- Train new employees; effective at communicating new ideas and processes in an easy-to-understand way
- Without fail, meet monthly sales goals