**Science Research Resume**

*“Connecting Curriculum and Career”*

Eliz A. Beth

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**EDUCATION**

**Bachelor of Science, Biochemistry**, June 2019

California State University, East Bay, Hayward, CA

**LABORATORY SKILLS**

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* Sequencing
* Protein Purification
* Spectrophotometry
* SDS PAGE GEL
* Gel Filtration Chromatography

**EXPERIENCE**

**Research Lab Assistant**, February 2016 to June 2017

Dr. Monika Sommerhalter, Chemistry Department, CSU, East Bay, Hayward, CA

* Assisted with setting up new research lab; lab inventory, chemical organization, and spatial set up
* Worked closely with team members as well as individually to perform assigned projects
* Maintained laboratory cleanliness

*Non--‐canonical nucleotide--‐pyrophosphatase TM0159 Project*

* Performed protein purification via centrifugation, column chromatography for collection of protein samples
* Established SDS--‐PAGE assay for protein comparison

*HPLC project*

* Prepared solvents and samples for HPLC instrument operation
* Operated HPLC instrument to analyze separation and identification of proteins

*Sol--‐gel Based Encapsulation of Enzyme Acid Phosphate Project*

* Encapsulated enzyme in Sol--‐Gel materials for enzyme activity assay
* Conducted spectrophotometry for collection of absorbance data to identify enzyme activity

**Biology Stockroom Assistant**, March to December 2016

 Biology Department, CSU, East Bay, Hayward, CA

* Managed stock room supplies via stock auditing
* Provided customer service to lab technicians and equipment service technicians
* Maintained lab equipment and provided solutions to problems when necessary
* Prepared growth media for cell culture

**Chemistry Stockroom Assistant**, September 2014 to June 2015

Chabot College, Hayward, CA

**ASSOCIATES OF SCIENCE, BIOLOGY**

* Prepared chemicals to be used in science courses by following written procedures
* Disposed laboratory waste, including: sharps and chemical waste
* Labeled and maintained chemical inventories in lab