

## Pete Liz Science

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### OBJECTIVE

Seeking entry level full-time position in BayBio Lab relevant to the biotechnology field

### EDUCATION

#### Bachelors of Science, Biochemistry

June 2017

California State University, East Bay – 3.5 GPA

Relevant Coursework: Organic Chemistry, Physical Chemistry, Statistical Inference, Genetics, Instrumental Methods of Analysis, Advance Biochemistry Laboratory

### EXPERIENCE

#### Clinical Internship

Jan 2017 to Present

BayBio Biosciences Internship

- Assist a cross functional team in preclinical study services for rats and mice for antibody/protein and small molecule drug development
- Handle mice, deliver drug orally, subcutaneously, and intraperitoneally, while maintaining strict project deadlines for clients
- Perform inventory checks, stock/organize supplies when needed, clean glassware and cages, and provide data entry in between experiments

#### Research Lab Assistant

Feb 2015 - June 2016

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

### PROJECTS

#### Senior Design Project

Sept 2016 – June 2017

- Collaborated with a team of students and professionals to improve occlusion balloon catheter inflation time
- Involved in operating company bio device lab equipment and machinery
- Held weekly team meetings with company advisor, communicating weekly progress and organizing future goals

### SKILLS

- General knowledge of chemistry and biology laboratory processes and methods, including sample collection, mammalian cell culture, creating buffers, running titrations, dilutions, distillation, spectroscopy, liquid and solid IR, GC, and lab report writing
- Basic knowledge in MATLAB and SolidWorks
- Proficient in Microsoft Office