

Wynona Baltazar

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EDUCATION

University of California at Los Angeles, CA

Bachelor of Science, Microbiology, Immunology, and Molecular Genetics

Relevant Coursework Completed at UCLA:

Research Immersion Laboratory into Microbiology

- Conducted research on current literature with lab team to create a hypothesis, methodology, and work schedule to test the effect of the invasive species *Crotalaria agatiflora* on soil microbiome
- Created gels and prepared dyes for gel electrophoresis
- Extracted DNA through boiling lysis and various chemical extractions
- Tested DNA presence through spectroscopy and gel electrophoresis
- Purified, isolated, and cultivated various microbial colonies from soil
- Performed various functional assays on microbial isolates
- Performed gram staining and wet mounts to identify isolate strains
- Performed proper safety procedures and aseptic techniques
- Performed cryogenic freezing
- Created PCR mixes
- Recorded data and observations
- Presented data and hypothesis for peer evaluation

Research Immersion Dry Laboratory into Microbiology

- Used NCBI Blast to identify species from 109AL DNA extraction sequencing
- Used PowerPoint, InDesign, and Excel to create charts and a poster to present data
- Presented research for peer evaluation, mentor evaluation, and at a science symposium at the California Nanoscience Institute at UCLA

Microscopy Lab

- Performed staining for electron microscopy and captured images of blood proteins
- Used Etomo to create image from tilt electron microscopy
- Experience with cryogenic freezing and glass knife generation

Other Experience:

- Successfully brewed kombucha and beer
- Successfully inoculated a starter culture for sourdough that was fed and kept alive for 6 months

EXPERIENCE

NBC Universal

Information Technology Intern; June 2011 – September 2011

- Assessed and repaired various technological malfunctions
- Tested, maintained, and programmed various equipment and programs
- Recorded and organized company data
- Provided quick and efficient customer service

Phoenix House CA Headquarters

Social Media Intern; July 2012 – March 2013

- Created and distributed online content (articles, newsletters, collages)
- Created and implemented various social media campaigns
- Organized company data and legal forms
- Developed and completed various charity campaigns