Biology Sample

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# Education

**Alabama Agricultural and Mechanical University (AAMU)**  Normal, AL ***B.S., Biology:*** Concentration in Pre-Professional Health May 2018

**3.61/4.0 GPA**

**Related Coursework:** Intro to Biology, Principles of Biology, Botany II, Human Anatomy & Physiology I & II, General Chemistry I and II, Microbiology, Physics, Genetics, Cell and Molecular Biology, Organic Chemistry I and II, Medical Terminology, Analytical Chemistry, Biostatistics

# WORK & LEADERSHIP EXPERIENCE

**University of Alabama at Birmingham (UAB), MHRC |Internship**  Birmingham, AL

Student Intern Summers 2015 - 2017

* Performed comet assays to determine how much DNA damage was present in the Glioblastoma cell

lines | 2017

* Worked in Pharmaceutical Laboratory as a lab assistant to distinguish between different types of Nueroblastoma cells, by performing Bradford Protein Assays and calculating cell doubling time after culturing those bacterial cells | 2016

**AAMU, ALSAMP Program | Internship** Normal, AL

Student Intern Summer 2014-Present

* Conducted research on the Assessment of the Transport and Persistence of *Escherichia Coli* in Runoff from Poultry Litter Amended Soils in the Spring of 2016 by collecting a bath study to observe the persistence of E. coli in different types of soils (clay loom, sandy clay loom, and sand). Main purpose was to see if the E. Coli would die off at a normal rate. Completed research by culturing the soils after planting them and observing them under the UV light. Presented this research at STEM (Science, Technology, Engineering, and Mathematics) Day | 2016
* Conducted research on the Runoff Study on Evaluating E. coli as a Fecal Indicator in Poultry Litter Treated Soils by collecting runoff samples of different types of soils (clay loam, sandy clay loam, and sand) and testing those soils for the presence of E. coli by observing it under the UV light. Also present research at the University of Alabama in Tuscaloosa, AL | 2015

**VOLUNTEER WORK**

**AAMU** Normal, AL  **Student Volunteer** 2015-Present

* Demonstrated cotton swabbing and registered potential donors in the Bone Marrow Drive 10/17/15
* Help prevent childhood hunger by preparing lunches to be distributed at Dawson Elementary Spring 2015
* Helped set up for family game and movie night at Harbor Chase 2015-2016
* Helped served food twice a month and distribute clothes to the needy at the Manna House 2015 - Present
* Assisted in setting up areas for future museum events at Burritt on the Mountain 2015 Present

# Activities & Honors

* Eta Kappa Tau Engineering and Technology Fraternity, Inc. 2017 – Present
* Pre- Professional Health Club 2014 - Present
* MANNRS Program 2015 - 2016
* Beta Kappa Chi National Scientific Honors Society 2016 - Present
* Honors Program 2015 - Present
* Alabama Farm Credit Scholarship 2015
* Honor Roll and Dean’s List 2015 - Present