

Sujung Ham

(228) 327-1891 | sham@go.olemiss.edu

PROFESSIONAL SUMMARY

Junior enrolled in the University of Mississippi with experience in laboratory techniques, project organization, and project collaboration. Currently in search of a research internship for summer 2023.

EDUCATION

University of Mississippi

Bachelor of Science in Pharmaceutical Sciences

- Minors: Chemistry, Biology
- GPA: 3.71

University, MS

Expected May 2024

RELEVANT COURSES

Organic Chemistry (I & II)
Microbiology

Genetics
Anatomy

Biochemistry
Physiology

RELEVANT EXPERIENCE

Honors Capstone Project

September 2022 – Present

HON 401: Honors Thesis

- Researched the science education curriculum for Mississippi 5th graders
- Created a comic book detailing seven of the science topics covered in Mississippi's 5th grade curriculum to research a way to make education more accessible for children
- Wrote a thesis paper detailing purpose of project, how to advance project further, and a reflection

PROFESSIONAL EXPERIENCE

Undergraduate Researcher (Willett Lab)

September 2022 – Present

Department of Biomolecular Sciences

University, MS

- Separated zebrafish embryos into control, cannabinoid exposure #1 (THC), and cannabinoid exposure #2 (CBD)
- Imaged zebrafish microglia using the compound microscope and confocal microscope to see differences between control zebrafish, THC zebrafish, and CBD zebrafish
- Analyzed images to obtain data such as amount of microglia present, size of microglia, and shape of microglia for each zebrafish imaged
- Replicated experiment independently for an Independent Project in BISC 578 and presented project to the class with a variety of images, data sets, and graphs

Undergraduate Researcher (Roman Lab)

October 2022– Present

Department of Biomolecular Sciences

University, MS

- Separated male and female flies in order to utilize male flies in experiment
- Exposed male flies to alcohol to test alcohol tolerance, as well as how different genes have an impact on the fly's alcohol tolerance

HONORS & ACTIVITIES

- Mission Acceleration (Tutoring) 2021 – 2022
- Gardening Club 2022 – Present
- Student Wellness Ambassadors 2020 – Present
- American Pharmacists Association 2022 – Present
- Chancellor's Honor Roll 2020 – Present
- Sally McDonnell Barksdale Honors College 2020 – Present