

ALEXANDRIA WILSON

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EXPERIENCE

JANUSARY 2025 – PRESENT

FOUNDER OF NON-PROFIT ORGANIZATION – EQUIP 352, THE UNIVERSITY OF FLORIDA

The mission of Equip 352 is to equip children residing in underserved Gainesville communities with emotional and education tools to support their growth and prosperity. I created this organization out of my deep love for the children of Pine Ridge and my commitment to strengthening the associated volunteer programs, ensuring they continue to grow and thrive after I graduate.

MAY 2024 – PRESENT

UNIVERSITY SCHOLAR, CHEMOTHERAPY INDUCED HEART FAILURE PROJECT

I am investigating the mechanisms of heart failure caused by chemotherapy drugs by methods of echocardiography and histology. I am personally troubleshooting experimental issues and refining protocols. This project has served to compliment my shadowing experience (see below), bringing my learning full-circle.

JANUARY 2024 – Present

STUDENT OBSERVER, DR. BLEIWEIS

Dr. Bleiweis is a highly sought out and widely respected congenital heart surgeon at Shands. Dr. Bleiweis has taught me that surgery is not just about precision but about empathy, leadership, and connecting with patients and their families.

AUGUST 2023 – PRESENT

KIDS CHURCH LEADER, PINE RIDGE

Pine Ridge is an underserved neighborhood in Gainesville. Kids Church provides a safe and uplifting afterschool space where children in Pine Ridge can build friendships, explore biblical truths, and deepen their relationship with Jesus.

AUGUST 2023 – PRESENT

MATH AND ENGLISH VOLUNTEER TUTOR, PINE RIDGE

The tutoring program integrates academic, social-emotional, and spiritual support to help bridge the education gap in under-resourced areas of Gainesville.

MAY 2023 – AUGUST 2023

MEDICAL ASSISTANT, DR. SHORES

I worked as a medical assistant in a spine and neuro pain clinic. I was trained to assist Dr. Shores during everyday appointments as well as in the OR. I developed patient care and clinical operation skills through my daily interactions and OR support.

DECEMBER 2022 – DECEMBER 2023

EMERGING SCHOLAR, CANCER IMMUNOTHERAPY PROJECT

I received a scholarship to lead my own project on the utility of REV-ERB (a type of nuclear hormone receptor) ligands in cancer immunotherapy. In completing this project, I learned flow cytometry, cell culture, qPCR, and more. I presented my poster at the undergraduate research symposium, and my paper is published in the latest issue of the Journal of Undergraduate Research.

OCTOBER 2022 – PRESENT

VOLUNTEER RESEARCHER, THE BURRIS LAB

The research at The Burris Lab focuses on targeting nuclear hormone receptors to treat a broad range of diseases such as autoimmune diseases, cancer, cardiovascular diseases, and behavioral disorders. I started in the lab having no research experience and have now achieved several certifications and skills.

AUGUST 2022 – MAY 2023

HOSPITAL VOLUNTEER, HCA FLORIDA NORTH FLORIDA

I volunteered in the postpartum unit where I interacted with new moms and ensured their comfort.

EDUCATION

CURRENT SOPHOMORE

UNIVERSITY OF FLORIDA

My University of Florida GPA is 3.98

HIGH SCHOOL GRADUATE

NORTH BAY HAVEN

I graduated in the top 4% of my class with a 4.53 weighted GPA and a 4.00 unweighted GPA.

ACTIVITIES

- I am training for Hyrox, a global fitness race. Fitness empowers me to step outside my comfort zone in every facet of my life.

