

MARYAM ADEROUNMU

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EDUCATION

University of Chicago, Chicago, Illinois
Bachelor of Arts: Biological Sciences

June 2024

SKILLS & INTERESTS

Research: Recruitment and Consenting, Data Analysis, Patient/Participant interaction
Computer: Proficient in Python and R Studio, Excel, Linux, REDCap
Languages: Native proficiency in Yoruba

CERTIFICATIONS

Basic Life Support (BLS) Certification – American Heart Association, Completed [May, 2025]
Adult Mental Health First Aid (MHFA) – National Council for Mental Wellbeing, Completed [August, 2023]

RESEARCH EXPERIENCE

Yang Lab, University of Chicago
Research Assistant

March 2023-May 2024

- Gained experience in Linux operating systems using XShell, becoming proficient in various commands and navigating Linux environments.
- Responsible for overseeing SFyNCS analysis on a dataset of over 1000 pediatric brain cancer samples, with a focus on identifying potential candidates for further investigation.

Hospitalist Project, University of Chicago
Clinical Research Assistant

March 2022-May 2024

- Interviewed patients during their hospital stay to assess health conditions and gather data for improving patient care outcomes.
- Completed follow-up phone interviews with discharged patients, capturing data on current health status and hospitalization experiences.
- Developed strong communication skills by effectively engaging patients from diverse backgrounds.

Pediatric Clinical Trials Office, University of Chicago
Research Assistant

March 2023-May 2023

- Compiled data in the ACTION (physical activity in minority women with asthma) intervention
- Recruited, consented, and performed eligibility screen with participants for the ACTION research study
- Conducted follow-up calls and emails to continue participant engagement

Research, Scripps Research Translational Institute
Intern

June 2022-August 2022

- Compiled and analyzed data from the Research Framework Exploring Sleep Health (REFRESH) database
- Research Interest focused on differences in sleep quality in different demographics
- Tested and calibrated white noise machine before clinical experiment
- Attended professional seminars and presented summer research to panelists

WORK/RELEVANT EXPERIENCE

Grab & Go Senior Meal Program, Carson YMCA
Volunteer

July 2025 - Present

- Assist with the weekly distribution of frozen meals, fresh produce, milk, and bread to seniors aged 60+, serving over 100 community members each week
- Support intake and registration by guiding seniors through the required forms and ensuring accurate record-keeping
- Coordinate traffic flow and manage logistics at the Carson Event Center pickup site to ensure safe and efficient operations

Shadowing, Dr. Jack Azad
Medical Assistant Intern

April 2025 – Present

- Assist with patient intake by gathering personal and medical history, reviewing medication lists, and documenting chief complaints to support clinic workflow.
- Perform basic clinical tasks such as taking patient vitals including blood pressure, temperature, and heart rate under physician supervision.
- Input patient data and clinical notes into electronic medical records (EMR) systems, maintaining accuracy and confidentiality while supporting efficient documentation.

Remote, Littera Education
Online Tutor

November 2024-Present

- Provide personalized, one-on-one and small group tutoring sessions in English and math to K-5 students, ensuring comprehension and mastery of core concepts.
- Utilize engaging teaching methods and interactive digital tools to create a dynamic and supportive learning environment.
- Assess student performance, provide constructive feedback, and adapt lessons to address individual learning needs and academic goals.
- Maintain detailed session notes to track student progress and inform future lessons.

Health Career Connection, Southern California
Intern

June 2023-September 2023

- Engaged in a full-time summer internship, contributing to meaningful projects, including community service initiatives aimed at empowering underserved populations.
- Received mentorship from a dedicated preceptor and the HCC team, providing guidance and support throughout the internship.
- Engaged in diverse activities, including networking events, site tours, and career exploration resources, to gain exposure and explore various career options in the health field.

Summer Urban Health Fellowship, Harbor-UCLA Family Medicine Department
Fellow

June 2023-August 2023

- Collaborated in organizing and hosting a community Health Fair, providing accessible healthcare information to underserved populations in Wilmington
- Developed and delivered educational Health Talks, empowering communities with crucial health information and promoting healthier lifestyles
- Actively engaged in addressing critical issues of systemic racism through an impactful Anti-racism Summit, showcasing a commitment to advocacy and social change in the healthcare field
- Explored healthcare through physician shadowing, simulation labs, and mentorship from medical students, gaining insights into the medical school application process

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Community Service, Maria Shelter RSO

September 2022-May 2024

Volunteer

- Tutored, aided, and watched over young children and babies during their mothers' health checkups
- Provided support and company for the children to play and stay in

Virtual Clinical Shadowing, Heal Clinical Education Network

October 2021- February 2023

Shadowing

- Participated in a virtual diagnosis of Emergency Room patients
- Engaged in answering related questions and setting up patient treatment plans
- Read and analyzed electrocardiograms and X-ray tests to identify patient health problems

Maroon Tutor Match, University of Chicago

January 2021-August 2022

Tutor

- Completed orientation and necessary requirements for tutoring and working with minors
- Aided and assisted elementary and middle school students in academic work
- Established clear, professional, and comfortable relationships with the students in order to make the tutoring environment productive and beneficial
- Provide mentorship and support beyond academic success

National Council of Nigerian Muslim Organizations (NCNMO), Nigeria

June 2019-Present

Medical Mission Volunteer

- Participated in annual medical missions to underserved Nigerian communities, taking vitals (pulse oximetry, heart rate), recording intake data, and assisting with triage under physician supervision.
- Engaged in weekly preparation meetings covering clinical skills, cultural sensitivity, and mission logistics.
- Supported fundraising and outreach at mosques and community centers to sustain the program.
- Communicated with patients in local dialects, reinforcing the importance of culturally competent, community-driven care.

LEADERSHIP & PROFESSIONAL DEVELOPMENT EXPERIENCE

Phoenix Biology

April 2022 - May 2024

Secretary

- Helped provide and connected undergraduate students with information on the University of Chicago's science affiliations and industries
- Connected undergraduate students and alumni with research and job opportunities
- Set up and planned panels to connect students to academic and professional development opportunities

Thrive Scholars

April 2019-Present

Scholar

- Selected as one of 100 students for a 6-year college access, college success, and career development program for high-achieving, underrepresented first-generation talent
- Participate in a four-year comprehensive Career Development Program that includes professional Career Coaching, case studies, and projects to hone analytical, quantitative, and communication skills

Teens Program

January 2019 - Present

Co-President

- Led a community service program at a Mosque and gained sponsorship and support from other organizations to fund food and clothing donations for the unhoused communities in LA
- Taught children the Arabic language, how to read the Quran, and Islamic studies and practices

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