

CAMILLE OKONKWO

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EDUCATION

Columbia University Mailman School of Public Health, New York, NY

May 2024

Master of Public Health: Department, Sociomedical Sciences; Certificate, Biostatistics & Public Health Data Science

Coursework: Relational Databases & SQL Programming, Statistical Computing with SAS, Data Science I & II, Public Health GIS, Data Visualization & Storytelling

William & Mary, Williamsburg, VA

December 2020

Bachelor of Science: Major, Kinesiology & Health Sciences; Concentration, Public Health

DATA ANALYSIS EXPERIENCE

Research Assistant, Rest Activity & Rhythms, Columbia University

Jul 2023 – Present

- Leader of the recruitment process, meticulously overseeing the participation of 170 individuals in the study. Executes precise data collection and employed advanced processing techniques, ensuring the integrity and accuracy of research findings.
- Demonstrates technical proficiency by executing BS-1 level blood centrifugation, showcasing a commitment to precision in laboratory procedures.
- Upholds high standards of confidentiality through REDCap data entry for sensitive participant information, adhering to ethical guidelines.
- Assumed a leadership role in the absence of a research coordinator, elevating weekly participant recruitment from 3 to 5, a 40% increase, showcasing adaptability and initiative.
- Conducted an in-depth exploratory analysis of participant outcomes using RStudio and QGIS, contributing valuable insights to the relationship between sleep quality and New York City zip codes.

Associate Scientist - QC Reviewer, ThermoFisher Scientific, Richmond, VA

Jun 2021 – Jun 2023

- Performed a variety of routine to complex sample preparation and analysis procedures to quantitatively measure pharmaceutical and biopharmaceutical compounds in a variety of formulations and/or biological matrices. Followed validated or experimental analytical procedures with periodic direct supervision. Responsible for review and compilation of results and data comparison against SOP acceptance criteria, methodology, protocol, and product specifications.
- Evaluated over 250 sample laboratory assay results for completeness and accuracy weekly, decreasing quality assurance audit events. Pioneered the development and implementation of a meticulous review checklist for HIV vaccine reviewers, significantly enhancing the efficiency and thoroughness of the review process.
- Recognized as the youngest and most recent addition to the team, achieved a SPOT award within the initial three months of employment for exceptional contributions, marking a testament to outstanding achievements and rapid impact.

COMMUNITY ENGAGEMENT EXPERIENCE

Intern, Community of Faith Mission, Williamsburg, VA

Nov 2020 – Apr 2021

- Successfully increased awareness of services by effectively utilizing social media and distributing over 2,000 publications to local businesses
- Supervised shelter operations overnight one day a week resulting in efficient execution of the mission and compassionate problem solving addressing residential conflicts.
- Maintained shelter stock supplies to ensure efficient shelter operation.
- Recorded over 3,700 volunteer hours for effective grant proposal writings.
- Organized underwear outreach program, collecting 800 pairs of underwear to distribute to guests of the shelter

Volunteer, Shady Hill Outreach, Cornerstone Assembly of God, Chester, VA

Jan 2011 – Dec 2023

- Organized 8 fundraisers to support Shady Hill youth, raising over \$40,000.
- Successfully directed and organized mentor program for 40 high school and middle school students.

DEI Chair, Kappa Kappa Gamma, William & Mary

Oct 2019 – Nov 2020

- Pioneered regular Diversity Equity and Inclusion trainings for over 100-chapter members, increasing awareness of privilege and socioeconomic and racial inequity.
- Founded the inaugural Panhellenic DEI committee with the goal of becoming a resource for Panhellenic organizations and connecting them to multicultural organizations.

Fall Fellow, Democratic Party of Virginia, Richmond, VA

Aug 2015 – Nov 2015

- Organized 3 speaking events and weekly canvassing campaigns resulting in registering 1,050 new voters, especially targeting historically disenfranchised communities.
 - Demonstrated strong organizational skills by arranging phone banks, volunteer recruitment events, and canvass events for one-time volunteers.
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SKILLS AND CERTIFICATION

Data Analysis & Visualization: RStudio, SQL, Tableau, QGIS

Statistics: SPSS, SAS, R

Qualitative Analysis: Atlas.ti, NVivo, Dedoose

Certification: GCP for Clinical Trials Involving Medical Devices (CITI) 2023; RCR Biomedical (CITI) 2023; Human Subjects Protection SBR (CITI), 2023; Contact Tracing (*John Hopkins*) 2020

LEADERSHIP AND ACTIVITIES

Delta Omega Honorary Society in Public Health– Delta Pi Chapter, Member

New York Public Health Association, Member

Virginia Medical Reserve Corps, Volunteer

William & Mary, Biology Teaching Assistant