RENEE WATSON

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SUMMARY

MPH candidate in Epidemiology and Biostatistics graduating May 2026 with experience in public health research, epidemiologic data analysis, and statistical programming using R and SAS. Skilled in data cleaning, management, visualization, and analysis of large population health datasets, including CDC WONDER, NVSS, and survey-based datasets. Experienced in literature review, epidemiologic study design, regression modeling, and communicating research findings through reports, presentations, and statistical summaries. Passionate about advancing health equity through population health research focused on maternal and child health disparities.

SKILLS

R, SAS, SQL, MySQL, Epidemiological analysis, Regression modeling, Statistical analysis, Data cleaning and harmonization, Literature review, Study design, Survey data analysis, data visualization, Microsoft Excel, Database management, Data validation, Report generation

EXPERIENCE

GRADUATE RESEARCH PROJECT – MATERNAL AND NEONATAL MORTALITY TRENDS | 01/2026 to 05/2026

CUNY Graduate School of Public Health

- Conducted retrospective population-based analysis examining temporal trends and racial disparities in maternal and neonatal mortality in the United States from 2016–2022.
- Analyzed National Vital Statistics System (NVSS) and CDC WONDER datasets using R and SAS.
- Performed Poisson regression modeling, trend analyses, and rate ratio estimation.
- Cleaned, managed, and harmonized large population-level datasets.
- Developed statistical tables, figures, and data visualizations to communicate findings.
- Conducted literature reviews and synthesized epidemiologic evidence for research reporting and manuscript preparation.
- Examined the impact of the COVID-19 pandemic on maternal and neonatal mortality disparities.

EPIDEMIOLOGY TRAINEE / FIELDWORK STUDENT | 09/2025 to 12/2025

African Field Epidemiology Network (AFENET) - Ghana

- Conducted secondary data analysis of HIV/AIDS and childhood immunization surveillance datasets in Ghana.
- Cleaned, harmonized, and validated epidemiologic surveillance data.
- Prepared descriptive tables, figures, and statistical summaries for surveillance reports.
- Drafted sections of epidemiologic data analysis reports and policy briefs.
- Reviewed trainee manuscripts and provided structured scientific feedback.
- Conducted quality assurance and data validation checks on analytic outputs. • Ghana Office

EDUCATION AND TRAINING

CUNY School of Professional Science – New York, NY **Present**

Master of Science in Data Science

CUNY Graduate School of Public Health - New York, NY

Master of Public Health (MPH)

Epidemiology and Biostatistics

Relevant Coursework: Epidemiologic Methods, Biostatistics, Population Health Informatics, Database Design and SQL, Data Management and Analysis, Research Methods

University of Connecticut - Storrs, CT

Bachelor of Science

Molecular and Cell Biology

CERTIFICATIONS

Human Subjects Research Training

CLINICAL OBSERVATION EXPERIENCE

- North Shore Medical Center, Glen Cove, NY, 12/18 - 08/21, Observed clinical workflows and preventive care practices during wellness visits., Assisted with COVID-19 testing, vaccination support, referrals, and appointment coordination.
- Pediatrics Office, Brooklyn, NY, 07/21 - 08/21, Observed pediatric wellness visits and vaccine administration procedures.

PUBLIC HEALTH EXPERIENCE

- Long COVID and Breast Cancer Screening Research, CUNY Graduate School of Public Health, 01/24 - 12/25, Conducted secondary data analysis examining the relationship between Long COVID and breast cancer screening adherence among U.S. women., Utilized SAS to conduct weighted logistic regression analyses and assess effect modification., Managed and cleaned national survey datasets., Interpreted statistical findings and translated results into meaningful public health implications.