

Edward B. Quinn, PhD, MPH, MA

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SUMMARY

- Expert in R programming for statistics as evidenced by statistical analyses published in *Clinical Rehabilitation, Epigenetics, and Evolution, Medicine, and Public Health*.
- Clinical health scientist with expertise in research design and longitudinal data analysis in R using multi-level models.
- Multidisciplinary team collaborator with an ability to draw insights from large datasets resulting in the completion of 4 multi-year research projects.

EDUCATION

Doctorate in Biological Anthropology

University of Florida; December 2022

Master of Public Health in Epidemiology

University of Florida; December 2021

Master of Arts in Medical Anthropology

University of Alabama; May 2016

Graduate Level Statistical Coursework: Research Methods, ANOVA, Regression, Resampling, Statistical Analysis of Genetic Data, Epidemiology Methods I & II

SKILLS

Statistical Analysis & Data Visualization

- Expert in the R programming language for data analysis and visualization resulting in the creation of more than 300 graphs and tables.

Data Management

- Data management skills with expertise in data collection and database maintenance as demonstrated by the organization of over 400,000,000 data points.

Scientific Writing

- Scientific and technical writing expert with the ability to create robust data analysis plans as evidenced by publication of 9 research articles.

EXPERIENCE

Temporary Statistician Investigator – UNC at Chapel Hill School of Medicine, Department of Psychiatry

October 2025 – Present

- Statistical analyst for multiple clinical research studies with duties including selecting statistical tests and analytic strategies based on the research question.
- Collaborate with research team to prepare manuscripts for publication in accordance with journal standards.

Compliance and Data Officer – Baltimore City Department of Social Services

March 2024 – April 2025

- Strategic planner with an ability to develop novel processes to improve productivity as evidenced by the automation of 8 workflows.
- Leveraged project management expertise to develop and implement automated scripts, accelerating delivery of mission-critical data from 12 PM to 8 AM—improving operational efficiency by 4 hours daily.

Senior Data Analyst – Baltimore City Department of Social Services

March 2023 – March 2024

- Guided organizational leadership in the use of data analytics to enhance customer experience resulting in multiple organizational changes.
- Analysis expertise in the assessment of program and customer data, identification of trends, and presentation of data as evidenced by the production of 4 monthly dashboards.

Post-Doctoral Associate – University of Florida

January 2023 – March 2023

- Ability to work collaboratively with a global team to design and conduct bioinformatic research on the effects of trauma across generations resulting in more than 100 statistical models and graphs.

Data Analyst – Department of Veterans Affairs

June 2021 – January 2023

- Statistical analysis of a randomized controlled trial using longitudinal statistical models and R programming to write over 1000 lines of code to clean, analyze, and visualize data.

Graduate Research Assistant – University of Florida

August 2018 – December 2022

- Management of over 400,000,000 data points using the statistical programming language R, Microsoft Office, and Google Suite. Supervision of the work activities of 4 assistants. Deliverables include over 100 tables and graphs.