

KAMIAH ALLENA JEWEELE BROWN

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EDUCATION

Emory University, Rollins School of Public Health, Atlanta, GA 05/2029 (*Expected*)
Doctor of Philosophy (PhD): Epidemiology

Columbia University Mailman School of Public Health, New York, NY 05/2025
Master of Public Health: Sociomedical Sciences, 3.80 Cumulative GPA

Certificate in Infectious Disease Epidemiology

Relevant Coursework: Application of Epidemiologic Research Methods, Design and Conduct of Observational Epidemiological Studies, Data Science I, Introduction to Sociomedical Science Research Methods.

Thesis: *An Intersectional Social Epidemiology Approach: Investigating the Relationship Between Sex Work Engagement and HIV Outcomes Among Transgender Women of Color in New York City*
(Advisor: Dr. Dustin Duncan, Dr. Gina Wingood)

George Washington University Milken School of Public Health, Washington, DC 05/2023
Bachelor of Science: Public Health, 3.75 Cumulative GPA, Magna Cum Laude
Minor in Africana Studies and Sociology

RESEARCH EXPERIENCE

EMORY UNIVERSITY, DEPARTMENT OF BEHAVIORAL, SOCIAL AND HEALTH EDUCATION SCIENCES Atlanta, GA
CORE Research Lab, PI Natalie Crawford 09/2025 to Current

- Applied spatial epidemiology and GIS methods to support research on PrEP accessibility in the U.S. South, mapping geographic patterns of access and identifying service gaps across neighborhoods.
- Led a data analysis project examining the relationship between racialized economic segregation and PrEP access, integrating demographic data with spatial measures to inform intervention strategies and HIV policy.
- Conducted primary data collection by engaged in semi-structured interviews with PrEP-prescribing clinicians and pharmacist, incorporating their perspectives to strengthen strategies for expanding PrEP delivery in community pharmacies.

COLUMBIA UNIVERSITY DEPARTMENT OF EPIDEMIOLOGY New York, NY
Mailman Doctoral Scholars Program 09/2024 to 05/2025

- Selected for highly competitive mentoring program for students of underrepresented backgrounds with high potential for doctoral study.
- Conducted literature review with Dr. Lisa Bates on a social epidemiology study of cisgender women of color at risk of HIV, reviewing and synthesizing 20-25 articles for future journal publications.

COLUMBIA UNIVERSITY DEPARTMENT OF EPIDEMIOLOGY New York, NY
Spatial Epidemiology Research Unit, PI Dustin Duncan 12/2023 to 08/2025

Graduate Research Assistant

Project #1: *Impact of Social cohesion and social capital in PrEP uptake and Adherence among Transwomen of color: Trying to Understand Relationships, Networks, and Neighborhoods among Transgender women of color (TURNNT)* is a prospective cohort study that examines the effects of neighborhood level risk factors of HIV.

- Conduct literature reviews by developing search terms and synthesizing findings of 50 articles to contribute to research and grant writing initiatives focused on HIV awareness.
- Monitor quantitative survey data to understand differences in HIV risk behavior, incidence, and intervention effects across geographic areas through RedCap.

Project #2: *Limited interaction Targeted Epidemiology (LITE-2)* (PIs Rebecca Schnall, Robert Garofalo, and Dustin Duncan) addresses the HIV epidemic by using electronic methods to understand the correlation of HIV- related sexual risk behavior and HIV incidence through a social-ecological framework.

- Collaborated with 5 faculty researchers to disseminate key materials, including fact sheets, academic presentations, nonacademic research and shipment of HIV test samples for processing.
- Managed data for HIV related research and programmatic task to enhance understanding of electronic interventions for HIV through utilizing RedCap.

Project #3: Writing Accountability Groups (WAGs) for Early- Stage Faculty in Drug Use and HIV Research is a pilot cohort study that enhance scholarly productivity and address structural barriers among early-stage faculty.

- Conducted semi-structured interviews via Zoom with early-stage faculty participating in WAG focused on drug use and HIV research.
- Transcribed interviews and led manual coding of qualitative data using conventional content analysis to identify themes related to productivity, structural barriers, and accountability.
- Contributed to the development of a convergent mixed-methods evaluation framework to assess WAG outcomes and inform future programmatic improvements.
- Utilized a faculty development lens grounded in Social Cognitive Career Theory (SCCT) and Critical Race Theory (CRT) to guide interview questions and data collection.

HARLEM PREVENTION CENTER

Data Analyst Intern

New York, NY

05/2024 to 08/2024

Project: HIV Prevention Trials Network (HPTN) 102/ PURPOSE 3 is a prospective study that evaluates the efficacy of a twice yearly injection for HIV prevention, aiming to offer a more convenient and potentially more effective alternative to daily oral medications.

- Promptly reviewed all data queries and their immediate resolutions.
- Identify problem areas with data collection, report findings to the project leadership, and develop appropriate corrective measures with input from team.
- Evaluated eligibility criteria of screened study participants for enrollment, including review of eligibility case report forms, source of documents and informed consent forms.
- Engaged with 13 key stakeholders to discuss and align on study objectives, methodologies, and outcomes, ensuring comprehensive understanding and collaboration across all parties.
- Developed targeted recruitment materials, including informational pamphlets, to engage hard-to-reach and disadvantaged cisgender Black women in the HPTN 102/ PURPOSE 3 study.

NATIONAL CENTER FOR HEALTH STATISTICS (NCHS)

National Vital Statistics Intern

Hyattsville, MD

05/2022 to 08/2022

- Analyzed the increase in firearm related homicide and suicide rates within Non-Hispanic Black males using CDC Wonder and Joinpoint Regression to further provide actionable recommendations for improvement.
- Employed quantitative and qualitative research analysis on a wide range of data using CDC Wonder, Joinpoint Regression and Excel to examine the suicide rates and modes of suicide for the three leading methods by race and ethnicity, resulting in a Quick Stats report and a Data brief.
- Presented in NCHS's Health Disparities Research Day to display the disparities amongst Non-Hispanic Black males.

KAISER PERMANENTE MEDICAL CENTER

Intern, Division of Research

Oakland, CA

06/2021 to 08/2021

- Engaged in and hosted 55 - 60 informational interviews with health professionals to learn about their latest research.
- Piloted a research study for 75-100 younger individuals with type 2 diabetes by proofreading and scaling survey questions so that they are translated into Spanish and ensured distribution of surveys to target population.
- Assisted in creating data collection tools, such as the in-depth interview guide to ensure compliance with research.
- Remained current with new procedures and applied learnings to related research through reviewing at least 10 journals a week.

Intern, KFJ Hospital Admin Department

06/2019 to 08/2019

- Conducted mixed-method research on hospital-related injuries to propose solutions; performed data analysis to help the center provide high-quality care.
- Facilitated 2 training sessions with 20 – 30 healthcare providers to improve hospital-wide understanding of performance improvement framework.

HEALTH EQUITY EXPERIENCE

ICAP AT COLUMBIA UNIVERSITY

Intern

New York, NY

05/2024 to 08/2024

ICAP is a comprehensive global public health organization which works to improve the health of families and communities.

- Actively contribute to the design, implementation, and evaluation of ICAP-supported health programs, ensuring effective and sustainable outcomes.
- Prepare detailed reports and presentations summarizing research findings and project outcomes for 2-3 stakeholders.

THE CENTERS FOR DISEASE CONTROL AND PREVENTION UNDERGRADUATE PUBLIC HEALTH SCHOLARS PROGRAM/ LEWIS SCHOLARS IMHOTEP PROJECT AT MOREHOUSE COLLEGE

Atlanta, GA

Intern

05/2022 to 08/2022

Lewis Scholars Imhotep Project is an eleven-week summer internship program supported by the Centers for Disease Control and Prevention (CDC) Office of Minority Health and Health Equity (OMHHE) designed to increase the knowledge and skills of underrepresented minority students in biostatistics, epidemiology, public health, scientific writing, and occupational safety and health.

- Presented findings on the increased rates in firearm related homicide and suicide within Non-Hispanic Black males at the NCHS through a poster presentation at the CDC Showcase.
- Created a health campaign, “Hyper” focused on hypertension amongst African American individuals to increase the awareness of hypertension amongst the population.
- Incorporated human design thinking process to develop future public health implications on HIV/AIDs entitled “Action>Words” to understand the needs of those who are HIV positive.

TEACHING EXPERIENCE

EMORY UNIVERSITY, ROLLINS SCHOOL OF PUBLIC HEALTH

Atlanta, GA

Graduate Teaching Assistant, Case Studies in Infectious Disease Epidemiology

01/2026 to Present

- Host weekly office hours, offering academic support to a cohort of 45 graduates’ students; grade assignments, exams, and group presentations promptly.

Graduate Teaching Assistant, Epidemiology I

09/2025 to 12/2025

- Lead discussion section for 18 graduate students, reinforcing key topics such as measures of frequency, study design, random variability and bias.
- Host weekly office hours, offering academic support to a cohort of 90 graduates’ students; grade assignments, exams, and group presentations promptly.

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH

New York, NY

Graduate Teaching Assistant, Quantitative Research Methods

09/2024 to 12/2024

- Facilitate weekly lab sessions, for 30 graduate students, introducing key concepts in quantitative research methods and providing hands-on guidance.
- Host weekly office hours, offering academic support to a cohort of 560 graduate students by addressing student inquiries and providing hands-on guidance.

COLUMBIA UNIVERSITY, SUMMER PUBLIC HEALTH SCHOLARS PROGRAM (SPHSP)

New York, NY

Summer Graduate Teaching Assistant, Health Disparities Course

05/2024 to 08/2024

- Provided academic support to 30 undergraduate students, including tutoring and guidance on coursework and public health concepts.
- Aid in the organization and supervision of hands-on field experiences and community engagement activities.
- Mentored undergraduate students by offering academic advice and personal development support.
- Assisted in coordinating and facilitating educational sessions, including seminars, lectures and workshops.

GW WRITING CENTER, COLUMBIAN COLLEGE OF ARTS & SCIENCES

Washington, DC

Consultant

01/2021 to 05/2023

- Completed a vigorous writing workshop to be approved as a writing center consultant for the University.
- Conducted one-on-one sessions with undergraduate, graduate, medical, and law students with their writing by revising their drafts and ensuring compliance with assignments.
- Organized anti-microaggressions and cultural competency workshops for writing center consultants to ensure writing center’s community standards and norms.

PRESENTATIONS

“Measuring Racial Capitalism: Toward Conceptual Clarity and Direction for Modeling”

Presented as a presentation at the Pan-Africanism & Education: Interdisciplinary & Critical Approaches in the 21st Century Conference, April 2024.

“Engaging Community Stakeholders in Preparation for HPTN 102/PURPOSE 3, A Study of Lenacapavir and Emtricitabine/Tenofovir Disoproxil Fumarate (F/TDF) in Prevention of HIV in Cisgender Women in the US”

Presented as a poster at HIV Prevention Trials Network Annual Meeting, June 2024.

“The Increasing Rates of Firearm Involved Suicide and Homicide Amongst Non-Hispanic Black Males”

Presented as a poster at the Annual Biomedical Research Scientists Conference (ABRCMS), November 2022

Presented as a poster at the Advancement Of Chicanos And Native Americans In Science Conference (SACNAS), October, 2022.

PANELS AND ROUNDTABLES

- **Brown K**, Hoang L, Imam S, Suisman S. Getting Your First Gig: An Early-Career Professionals Panel. American Public Health Association (APHA), Virtual conference. April 2024.
- **Brown K**, Patino I, Reyes G. Ivy Women in Medicine Conference. Columbia Women in Medicine Society. New York, NY. March 2024.

PUBLICATIONS

- Curtin, S., **Brown, K.**, & Jordan, Mariah E. (2022). QuickStats: Age-Adjusted Suicide Rates for the Three Leading Methods of Suicide, by Race and Ethnicity — National Vital Statistics System, United States, 2020. *MMWR. Morbidity and Mortality Weekly Report*, 71.
- Curtin, S., **Brown, K.**, & Jordan, M. (2022). *Data Brief 450: Suicide Rates for the Three Leading Methods by Race and Ethnicity: United States, 2000–2020*. National Center for Health Statistics (U.S).
- Furuya A., Whalen A., Torrats-Espinosa G., Radix A., Park SH., Contreras J., Scheinmann R, Herrera C, Watson K, Callander D, **Brown K**, Schneider JA., Lim S, Chau ST, Duncan DT. (2025). *Association Between Criminal Legal System Involvement and HIV Prevention and Care Among Transgender Women of Color: The TURNNT Cohort Study*. *LGBTQ Health*.

In Review.

- Shrader, C.-H., Coudray, M., Whalen, A. M., Furuya, A., **Brown, K.**, Callander, D., Lim, S., Trinh-Shevrin, C., Herrera, C., Watson, K., Radix, A., Merriman, J., & Duncan, D. T. (2025). *Girls of a feather flock together: Homophily and tie formation among transgender women of color in New York City in an egocentric exponential random graph model*. *Social Networks*. (Under review).
- Duncan, D. T.*, Benoit, E.*, **Brown, K.***, Pham, B., Ompad, D., Hilliard, C., Yee, D., Furuya, A., Des Jarlais, D., & Hagan, H. (2025). *Evaluating a pilot Writing Accountability Group (WAG) for early-stage faculty in drug use and HIV research: A mixed methods approach*. Manuscript submitted for publication to The Journal of Faculty Development. (accepted)

*First authorship

MEMBERSHIP

Delta Omega Honor Society, Delta Pi Chapter	2025-Current
American Public Health Association	2024-Current
Delta Sigma Theta Sorority, Inc. Mu Beta Chapter	2021-Current
Delta Epsilon Mu Pre-Health Professional Fraternity, Iota Chapter	2019-2023
SEO Scholars, San Francisco	2016-2023

SKILLS & CERTIFICATIONS

Qualitative: Focus group discussion, in-depth interview, literature review, needs assessment, program evaluation, program management.

Software and Computer Applications: Microsoft Office Applications, CDC Wonder, Join point Regression, R-Studio, SAS, RedCap, Geographic Information System (GIS), QGIS.

Certifications: GIS Workshop: Visualizing and Analyzing Health Data (June 2025), CITI Social-Behavioral Educational Human Subjects Protection (June 2024-June 2027), CITI FDA-Regulated Research (June 2024), CITI Human Subjects Protection SBR (June 2024- June 2027), CITI GCP for Clinical Trials with Investigational Drugs and Medical Devices- U.S. FDA Focus (June 2024-June 2027), CITI Responsible Conduct of Research (September 2024).