

Exponent®
Engineering & Scientific Consulting

Jowanna Malone, Ph.D.

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Professional Profile

Dr. Jowanna Malone is a social and infectious disease epidemiologist with expertise in causal inference, epidemiologic study design, and the evaluation of health risks and outcomes using real-world data. Her work centers on applying rigorous epidemiologic methods to complex scientific, regulatory, and legal questions, particularly in the context of infectious diseases, pharmaceuticals, and population health. She specializes in providing epidemiological and statistical consulting to pharmaceutical, biotechnology, and other private-sector clients. With well over a decade of experience, she possesses extensive technical expertise in conducting advanced statistical analyses using R, STATA, SAS, and SPSS. Additionally, she is proficient in mixed-methods research, including qualitative data analysis with NVIVO and Atlas.TI.

Dr. Malone has led large-scale analyses using administrative claims data, cohort studies, and survey data, and is highly skilled in translating complex statistical findings into clear, defensible conclusions for legal, regulatory, and non-technical audiences. Prior to joining Exponent, has led federally funded and collaborative research projects focused on infectious disease transmission, prevention, and HIV health disparities.

At Exponent, Dr. Malone has supported post-market regulatory submissions, evaluated associations between pharmaceutical exposures and adverse health outcomes, and contributed to litigation and regulatory matters through data analysis, evidence synthesis, and expert support.

She holds a PhD in Epidemiology from the Johns Hopkins Bloomberg School of Public Health and an MSc in Epidemiology from the Harvard T.H. Chan School of Public Health and is a member of the Delta Omega Honorary Society.

Academic Credentials & Professional Honors

Ph.D., Epidemiology, John Hopkins Bloomberg School of Pub Health, 2021

B.A., Sociology, Harvard University, 2013

HIV Epidemiology and Prevention Sciences Pre-doctoral Fellowship

Prior Experience

2022 – 2026 Research Scientist, Whitman-Walker Institute

2021 – 2022 Scientist, Exponent, Inc.

2017 – 2021 Research Assistant/Co-Investigator, Johns Hopkins Bloomberg School of Public Health

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2018 – 2021 Teaching Assistant, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

2020 – 2020 Graduate Researcher, Johns Hopkins Global Established Multidisciplinary Sites (GEMS), Eldoret, Kenya

2016 – 2017 Research Assistant, Global Health Equity Division, Brigham and Women's Hospital

2013 – 2015 Research Assistant, Fenway Institute

Professional Affiliations

International AIDS Society

Society of Epidemiologic Research

Publications

Poteat TC, Ehrig M, Ahmadi H, Malik M, Reisner SL, Radix AE, Malone J, Cannon C, Streed Jr CG, Toribio M. Hormones, stress, and heart disease in transgender women with HIV in LITE plus. American journal of preventive medicine 2025; 68(2):245–256.

Rich AJ, Jiang H, Williams J, Malik M, DuBois LZ, Juster R-P, Reisner SL, Wirtz AL, Radix A, Malone J. The COVID-19 global pandemic and allostatic load among a cohort of Black and Latina transgender women living with HIV. Psychology of sexual orientation and gender diversity 2025.

Beckham SW, Glick J, Malone J, Rich AJ, Wirtz A, & Baral S. HIV/AIDS among sexual and gender minority communities globally. In: Hwahng SJ, editor. Global LGBTQ Health: Research, Policy, Practice, and Pathways. Springer International Publishing Cham.; 2024.

Chandran A, Feng X, Coburn SB, Kasaie P, Malone J, Horberg MA, Hogan B, Rebeiro PF, Gill MJ, & McGinnis KA. The contribution of socioeconomic factors to HIV RNA suppression in persons with HIV engaged in care in the NA-ACCORD. JAIDS Journal of Acquired Immune Deficiency Syndromes 2024; 97(3):232–241.

Loeb TA, Murray SM, Cooney EE, Poteat T, Althoff KN, Cannon CM, Schneider JS, Mayer KH, Haw JS, Wawrzyniak AJ. Access to healthcare among transgender women living with and without HIV in the United States: associations with gender minority stress and resilience factors. BMC public health 2024; 24(1):243.

Reisner SL, Humes E, Stevenson M, Cooney EE, Adams D, Althoff KN, Radix A, Poteat TC, Mayer KH, Cannon CM. Site-based and digital cohort participation among transgender women in the eastern and southern United States: findings from the LITE study. JAIDS Journal of Acquired Immune Deficiency Syndromes 2024; 97(5):e10–e24.

Poteat T, Lett E, Rich AJ, Jiang H, Wirtz AL, Radix A, Reisner SL, Harris AB, Malone J, La Cava WG. Effects of race and gender classifications on atherosclerotic cardiovascular disease risk estimates for clinical decision-making in a cohort of Black transgender women. Health Equity 2023; 7(1):heq. 2023.0066.

Geffen SR, Poteat T, Dean LT, Malone J, Greene N, Adams MA. Engaging Black sexual minority women in breast cancer research: lessons in community partnerships. Cancer 2023; 129(21):3439–3447.

Beyrer C, Malone J, Baral S, Wang Z, Rio CD, Mayer KH, Batey DS, Farley J, Gamble T, Stanton J. Comparing recruitment strategies to engage hard□to□reach men who have sex with men living with HIV with unsuppressed viral loads in four US cities: results from HPTN 078. Journal of the International AIDS

Society 2021; 24(9):e25798.

Dean LT, Greene N, Adams MA, Geffen SR, Malone J, Tredway K, Poteat T. Beyond Black and White: race and sexual identity as contributors to healthcare system distrust after breast cancer screening among US women. Psycho-Oncology 2021; 30(7):1145–1150.

Greene N, Malone J, Adams MA, Dean LT, Poteat T. This is some mess right here: exploring interactions between Black sexual minority women and health care providers for breast cancer screening and care. Cancer 2021; 127(1):74–81.

Poteat TC, Adams MA, Malone J, Geffen S, Greene N, Nodzenski M, Lockhart AG, Su IH, Dean LT. Delays in breast cancer care by race and sexual orientation: results from a national survey with diverse women in the United States. Cancer 2021; 127(19):3514–3522.

Malone J, Reisner SL, Cooney E, Poteat T, Cannon CM, Schneider J, Radix A, Mayer KH, Haw JS, Althoff KN. Perceived HIV acquisition risk and low uptake of pre-exposure prophylaxis (PrEP) among a cohort of transgender women with PrEP indication in the eastern and southern United States. Journal of acquired immune deficiency syndromes (1999) 2021; 88(1):10.

Prata Menezes N, Malone J, Lyons C, Cadet K, Dean L, Millett G, Baral S. Racial and ethnic disparities in viral acute respiratory infections in the United States: protocol of a systematic review. Systematic Reviews 2021; 10(1):196.

Irvin R, Gamble T, Malone J, Wang Z, Wilson E, Hughes JP, Farley J, Mayer KH, Del Rio C, Batey DS. HIV Prevention Trials Network 078: high prevalence of hepatitis C virus antibodies among urban US men who have sex with men, independent of human immunodeficiency virus status. Clinical Infectious Diseases 2021; 73(7):e2205–e2210.

Malone J. (2021). Socioecological challenges to viral suppression among black gay, bisexual, and other men who have sex with men living with HIV in the United States. Johns Hopkins University 2021.

Zhang M, Jarrett BA, Althoff KN, Burman FS, Camarata L, Coburn SB, Dickerson AS, Foti K, Kaur M, Leifheit KM. Recommendations to the Society for Epidemiologic research for further promoting diversity and inclusion at the annual meeting and beyond. American journal of epidemiology 2020; 189(10):1037–1041.

Reisner SL, Perez-Brumer A, Oldenburg CE, Gamarel KE, Malone J, Leung K, Mimiaga MJ, Rosenberger JG, Biello KB. Characterizing HIV risk among cisgender men in Latin America who report transgender women as sexual partners: HIV risk in Latin America men. International journal of STD & AIDS 2019; 30(4):378–385.

Malone J, Snguon S, Dean LT, Adams MA, Poteat T. Breast cancer screening and care among black sexual minority women: a scoping review of the literature from 1990 to 2017. Journal of women's health 2019; 28(12):1650–1660.

Closson EF, Mitty JA, Malone J, Mayer KH, Mimiaga MJ. Exploring strategies for PrEP adherence and dosing preferences in the context of sexualized recreational drug use among MSM: a qualitative study. AIDS care 2018; 30(2):191–198.

Malone J, Syvertsen JL, Johnson BE, Mimiaga MJ, Mayer KH, Bazzi AR. Negotiating sexual safety in the era of biomedical HIV prevention: relationship dynamics among male couples using pre-exposure prophylaxis. Culture, health & sexuality 2018; 20(6):658–672.

Biello KB, Malone J, Mayer KH, Bazzi AR, Mimiaga MJ. Designing a sexual network study of men who have sex with other men: exploring racial and ethnic preferences in study design and methods. AIDS care 2017; 29(1):56–60.

Presentations

Taggart T, Ransome Y, Talan A, Luan H, Feleke-Eshete L, Malone J, Erenrich R, Jones M, Warren B, Castillo A. Geospatial and social-structural determinants of PrEP use among black, Latinx, and multiracial sexual and gender minorities who have sex with men in the United States. APHA 2025 Annual Meeting and Expo, 2025.

Malone J, O'Connor L, Monroe A, Barth S, Denyer R, Horberg M, Castel A. Exploring differences in the association between mental health, viral suppression, and adherence by age and transmission risk among people living with HIV: results from the DC Cohort. AIDS 2024, Munich, Germany, 2024. Abstract nr[TUPED346].

Malone J, Jones S, Talan A, Rendina J. Race, place, and substance use continue to impact HIV incidence among sexual minority men: active surveillance of seroconversion from the UNITE longitudinal cohort study [abstract]. 12th Annual International AIDS Society Conference on HIV Science, Brisbane, Australia, 2023. Abstract nr [MOPEC01].

Malone J, Stuart E, Dean L, Althoff KN, Beyrer Cfor the North American AIDS Cohort Collaboration on Research and Design (NA-ACCORD). The Impact of Medicaid expansion on HIV retention in care and viral suppression among GBMSM in the U.S Oral presentation, 40th GLMA Annual Conference on LGBT Health, San Francisco, CA, 2022. Presenter: Jowanna Malone.

Malone J, Mayer K, Wang Z, Hughes JP, Farley JE, Del Rio C, Batey DS,….Remien RH, Beyrer C, the HPTN 078 Research Team. Do higher levels of internalized homophobia and HIV stigma lower your chances for viral suppression?: Results from HPTN 078. AIDS 2020, 23rd International AIDS Conference [Virtual], San Franscisco, CA, 2020. Abstract ref: PED0797.

Malone J, Reisner S, Wirtz A, for the American Cohort to Study HIV Acquisition among Transgender Women (LITE) study group. PrEP Indication and care continuum among transgender women in the United States [abstract]. Conference on Retroviruses and Opportunistic Infections (CROI) 2020 [Virtual], Boston, MA, 2020. Abstract nr 1019.

Irvin R, Malone J, Gamble T, Hughes J, Farley J, Mayer K, Del Rio C, Batey S, Murphy M, Laeyendecker O, Mabvakure BM, Remien RH, Beyrer C, Thio C on behalf of the HPTN 078 Research Team. HPTN 078: High incidence of hepatitis virus infections among men who have sex with men [abstract]. Conference on Retroviruses and Opportunistic Infections (CROI) 2020 [Virtual], Boston, MA, 2020. Abstract nr 593.

Malone J, Wang Z, Hughes JP, Mayer K, Farley JE, Del Rio C, Batey DS, Cummings V, Remien RH, Beyrer C, the HPTN 078 Research Team. Is having healthcare coverage enough to increase viral suppression among men who have sex with men in the United States?: Results from HPTN 078 [abstract]. International AIDS Society Conference 2019, Mexico City, Mexico, 2019. Abstract nr LBPED45.

Greene N, Malone J, Adams MA, Dean L, Poteat T. Exploring healthcare provider interactions in breast cancer screening and care among black sexual minority women. APHA's 2019 Annual Meeting and Expo, American Public Health Association, 2019.

Poteat T, Adams MA, Malone J, Dean L. Engaging black sexual minority women in breast cancer research: lessons in community partnerships. Oral presentation, 37th GLMA Annual Conference on LGBT Health, New Orleans, Louisiana, 2019. Presenter: Jowanna Malone.

Risha I, Gamble T, Malone J, Wang Z, Wilson E, Hughes J, Farley J, Mayer K, Del Rio C, Batey S, Eshleman SH, Remien RH, Beyrer C, Thio C on behalf of the HPTN 078 Research Team. HPTN 078: high prevalence of HCV antibodies among men who have sex with men [abstract]. Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA, 2019. Abstract nr 2359.

Malone J, Bogart L, Allen W, Ojikutu B. Skin tone, colorism, and risk of sexually transmitted infection among black-Americans: results from the 2016 National Survey on HIV in the black community [abstract]. Society of Epidemiologic Research Baltimore, MD, 2018. Abstract nr 49733.

Peer Reviews

Journal of Acquired Immune Deficiency Syndrome (JAIDS)