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Engineering & Scientific Consulting

Jowanna Malone, Ph.D.

Senior Scientist | Health Sciences
Washington DC
+1-202-772-4955 | jmalone@exponent.com

Professional Profile

Dr. Malone is an epidemiologist with expertise at the cross-section of social and infectious disease epidemiology. She is proficient in both qualitative and quantitative research methods and has extensive experience in designing and analyzing epidemiological studies, scientific writing, systematic reviews, data collection, data management, applying causal inference methods such as regression adjustment and propensity score matching, and applied public health practice. Dr. Malone has nearly 10 years of research experience in HIV prevention and treatment among racial and sexual minority groups, specifically focusing on racial and gender inequities and disparities in pre-exposure prophylaxis (PrEP) uptake and their negative impacts on the HIV epidemic in the United States. Dr. Malone has conducted cross-sectional, ecological, and quasi-experimental research concerning individual, community, and policy level factors associated with HIV viral suppression among Black men who have sex with men in the United States.

Prior to joining Exponent, Dr. Malone completed her doctoral training at Johns Hopkins Bloomberg School of Public Health, with a Ph.D. in Infectious Disease Epidemiology. She obtained a A.B. in Sociology with a secondary in Classical Studies from Harvard University, and a M.Sc. in Infectious Disease Epidemiology from Harvard T.H. Chan School of Public Health. While in Boston, Dr. Malone conducted focus groups with Black-identified adolescents to assess their perceived HIV risks when interning at the Harvard Center for AIDS Research. She then worked at the Fenway Institute on the Epidemiology Team, publishing research on PrEP use and relationship dynamics among male-male couples.

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

Graduate Student Researcher, Center for Health and Human Rights, Johns Hopkins Bloomberg School of Public Health, 2017-2021

Global Health Equity Research Assistant, Brigham and Women's Hospital, 2016-2018

Graduate Student Researcher, Harvard T.H. Chan School of Public Health, 2015-2017

Racial Justice and Health Equity Assistant, Boston Public Health Commissions, 2016

Research Assistant (Epidemiology Team), The Fenway Institute, 2013-2015

Professional Affiliations

International AIDS Society

Society of Epidemiologic Research

Publications

Malone, J., Reisner, S.L., Cooney, E.E., Poteat, T., Cannon, C.M., Schneider, J.S., Radix, A., Mayer, K.H., Haw, J.S., Althoff, K.N., Wawrzyniak, A.J., Beyrer, C., and Wirtz, A. for the American Cohort to Study HIV Acquisition Among Transgender Women (LITE) Study Group, 2021. Perceived HIV acquisition risk and low uptake of PrEP among a cohort of transgender women with PrEP indication in the eastern and southern United States. *JAIDS Journal of Acquired Immune Deficiency Syndromes*, 88(1), pp.10-18.

Beyrer, C., Malone, J., Baral, S., Wang, Z., Rio, C.D., Mayer, K.H., Batey, D.S., Farley, J., Gamble, T., Stanton, J., Hughes, J.P., Wilson, E., Irvin, R., Guevara-Perez, O., Bocek, A., Bruce, J., Gaston, R., Cummings, V., Remien, R., and the HPTN 078 Study Team, 2021. 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*, 24(9), p.e25798.

Menezes, N.P., Malone, J., Lyons, C., Cadet, K., Dean, L., Millett, G. and Baral, S., 2020. Racial and Ethnic Disparities in Viral Acute Respiratory Infections in the United States: Protocol of a Systematic Review. *Research Square*, doi: 10.21203/rs.3.rs-121890/v1.

Dean, L.T., Greene, N., Adams, M.A., Geffen, S.R., Malone, J., Tredway, K. and Poteat, T., 2021. Beyond Black and White: race and sexual identity as contributors to healthcare system distrust after breast cancer screening among US women. *Psycho-Oncology*, 30(7), p.1145-1150.

Greene, N., Malone, J., Adams, M.A., Dean, L.T. and Poteat, T., 2021. "This is some mess right here": Exploring interactions between Black sexual minority women and health care providers for breast cancer screening and care. *Cancer*, 127(1), pp.74-81.

Irvin, R., Gamble, T., Malone, J., Wang, Z., Wilson, E., Hughes, J.P., Farley, J., Mayer, K.H., Del Rio, C., Batey, D.S., Cummings, V., Remien, R., Beyrer, C., Thio, C.L., 2020. HPTN 078: high prevalence of HCV antibodies among urban US men who have sex with men (MSM) independent of HIV status. *Clinical Infectious Diseases*, 73(7), pp.e2205-e2210.

Zhang, M., Jarrett, B.A., Althoff, K.N., Burman, F.S., Camarata, L., Coburn, S.B., Dickerson, A.S., Foti, K., Kaur, M., Leifheit, K.M., Malone, J., Moore EA, Mouslim MC, Prata Menezes N, Robsky K, Tang, O, Wallace AS, Dean LT., for the Epi IDEAS Working Group, 2020. Recommendations to the Society for Epidemiologic Research for further promoting diversity and inclusion at the annual meeting and beyond. *American Journal of Epidemiology*, 189(10), pp.1037-1041.

Malone, J., Sngun, S., Dean, L.T., Adams, M.A. and Poteat, T., 2019. 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*, 28(12), pp.1650-1660.

Reisner, S.L., Perez-Brumer, A., Oldenburg, C.E., Gamarel, K.E., Malone, J., Leung, K., Mimiaga, M.J., Rosenberger, J.G. and Biello, K.B., 2019. 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*, 30(4), pp.378-385.

Malone, J., Syvertsen, J.L., Johnson, B.E., Mimiaga, M.J., Mayer, K.H. and Bazzi, A.R., 2018. Negotiating

sexual safety in the era of biomedical HIV prevention: relationship dynamics among male couples using pre-exposure prophylaxis. *Culture, health & sexuality*, 20(6), pp.658-672.

Biello, K.B., Malone, J., Mayer, K.H., Bazzi, A.R. and Mimiaga, M.J., 2017. 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*, 29(1), pp.56-60.

Closson, E.F., Mitty, J.A., Malone, J., Mayer, K.H. and Mimiaga, M.J., 2018. Exploring strategies for PrEP adherence and dosing preferences in the context of sexualized recreational drug use among MSM: a qualitative study. *AIDS Care*, 30(2), pp.191-198.

Presentations

Malone, J., Mayer K., Wang Z., Hughes J.P., Farley J.E., Del Rio C., Batey D.S., Remien R.H, 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 In: *AIDS 2020, 23rd International AIDS Conference [Virtual]*; 2020 July 6-10; San Francisco, CA. Abstract nr 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]. In: *Conference on Retroviruses and Opportunistic Infections (CROI) 2020 [Virtual]*; 2020 March 8-11; Boston, MA. Abstract nr 1019.

Malone J., Wang Z., Hughes J.P., Mayer K., Farley J.E., Del Rio C., Batey D.S., Cummings V., Remien R.H.,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]. In: *International AIDS Society Conference 2019*; 2019 July 21-24; Mexico City, Mexico. Abstract nr LBPED45.

Greene, N., Malone, J., Adams, M.A., Dean, L. and Poteat, T., 2019, November. Exploring healthcare provider interactions in breast cancer screening and care among Black sexual minority women [oral presentation]. In: *American Public Health Association's 2019 Annual Meeting and Expo*; 2019 Nov. 2-6; Philadelphia, Pennsylvania. Presenter: Naomi Greene.

Poteat T, Adams MA, Malone J, Dean L. Engaging Black Sexual Minority Women in Breast Cancer Research: Lessons in Community Partnerships [oral presentation]. In: *37th GLMA Annual Conference on LGBT Health*; 2019 September 11-14; New Orleans, Louisiana. Presenter: Jowanna Malone.

Risha Irvin, Gamble, T., Malone, J., Wang, Z., Wilson, E., Hughes, J., Farley, J., Mayer, K., Del Rio, C., Batey, S., Eshleman, S.H. , Remien, R.H., Beyrer, C. , Chloe Thio on behalf of the HPTN 078 Research Team. HPTN 078: High Prevalence of HCV Antibodies Among Men Who Have Sex with Men [abstract]. In: *Conference on Retroviruses and Opportunistic Infections (CROI) 2019*; 2019 March 4-7; Seattle, WA. 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]. In: *Society of Epidemiologic Research 2018*; 2018 June 19-22; Baltimore, MD. Abstract nr 49733.

Peer Reviews

Journal of Acquired Immune Deficiency Syndromes

American Journal of Epidemiology