

COMMONWEALTH OF MASSACHUSETTS

SUFFOLK, ss.

SUPERIOR COURT DEPARTMENT
OF THE TRIAL COURT
CIVIL ACTION NO. 2284CV00001

BOSTON POLICE SUPERIOR OFFICERS
FEDERATION; BOSTON POLICE DETECTIVES
BENEVOLENT SOCIETY; and BOSTON
FIREFIGHTERS UNION, LOCAL 781,
INTERNATIONAL ASSOCIATION OF FIRE
FIGHTERS, ALF-CIO,

Plaintiffs,

v.

MICHELLE WU, in Her Official Capacity as Mayor
of the City of Boston and CITY OF BOSTON,

Defendants.

Affidavit of Dr. Bisola Ojikutu, M.D., M.P.H.

Dr. Bisola Ojikutu, M.D., M.P.H., hereby deposes and states as follows:

1. My name is Dr. Bisola Ojikutu. I am Executive Director of the Boston Public Health Commission, a position that I have held since September, 2021. My curriculum vitae is attached hereto as Exhibit A and incorporated herein by reference. I make this affidavit on my personal knowledge, on records of the City of Boston and the Boston Public Health Commission and on studies and other research generally accepted as reliable in the fields of public health and infectious disease.

2. The current administration has continued to be guided by the BPHC and relies on scientific and real-time data in determining how best to respond to the ongoing pandemic. In fact, upon taking office, Mayor Michelle Wu established a COVID-19 Advisory Committee, which I chair.

3. Upon my arrival at the BPHC, the City began to prepare for its second winter of the public health crisis caused by the COVID-19 pandemic. At that time, it also began to prepare for cold and influenza season.

4. BPHC's Infectious Disease Bureau closely monitors influenza surveillance data and, at the time of the decision to amend the August Policy, namely the weeks leading up to December 20, 2020, preliminary data demonstrated a likelihood of a more active influenza season than usual, placing further strain on both the City workforce as well as Boston's healthcare system.

5. At the same time as the City was observing an increase in influenza cases, a new variant of COVID-19, Omicron, began to emerge.

6. The BPHC regularly monitors data from the World Health Organization ("WHO"), the Center for Disease Control ("CDC"), Massachusetts Department of Public Health ("MDPH") the Massachusetts Water Resources Authority ("MWRA"), local surveillance data, and various sources of other public health data, analysis, and research.

7. In December, it became clear this new variant appeared to be more contagious than previous variants and was rapidly spreading based on data from South Africa and then the United Kingdom. The BPHC reviewed all relevant data including epidemiological modeling that demonstrated the spread of the Omicron variant was likely to be significant and rapid.

8. Based on the pace of the spread of Omicron in the first half of December throughout the globe, including in the United States and in Massachusetts, it became clear that this surge could coincide with a surge of expected COVID-19 cases following the Christmas and New Year Holidays. Based on knowledge in my field about the seasonality of infectious disease similar to COVID-19, as well as the now twenty-two months of this pandemic, I and my advisors at BPHC anticipated a significant increase in COVID-19 cases during and following the holiday season marked by family gatherings, social gatherings, and increased amounts of time spent indoors in general.

9. The expectation of an impending surge of a highly-contagious variant timed with an anticipated active influenza season and the likelihood of a post-holiday and seasonal increase in cases resulted in the City's administration consulting with the BPHC regarding what measures could be taken to maintain a safe workplace for City employees, ensure essential services continued to be available to the public, and to protect the public the City serves, particularly the most vulnerable.

10. The number of new individuals being vaccinated had begun to drop off in late fall. This is despite efforts made by the BPHC and the City to conduct ongoing public education campaigns, vaccination clinics and a variety of other interventions to encourage voluntary uptake of vaccinations. See BPHC Weekly Vaccination Report at p. 2-3 available at https://bphc.org/whatwedo/infectious-diseases/Documents/Vaccine%20Reports/Boston_COVID-19_Vaccination_Report_07Jan2021.pdf.

11. In my role as the relevant Mayoral Cabinet member for issues related to public health, I routinely advise members of the City of Boston's Cabinet and other senior officials regarding public health related policy questions, including the employee vaccination policy. BPHC, relying on data and information from the CDC, MA DPH, and BPHC, as well as other sources of relevant public health data and analysis, advised the City that a vaccine mandate was a necessary and effective action to protect its employees, provide a safe workplace, ensure the continued provision of public services, and protect the public.

12. Both at the time the policy decision in question was made and currently, we were aware that although COVID-19 testing is an important tool to ensure that those who are infected can isolate and prevent further spread of the disease, testing alone is not sufficient to

prevent the spread of the virus. Vaccination is the most important tool to prevent serious infections, hospitalizations, and death. *See, e.g.,* United States Centers for Disease Control and Prevention, COVID-19 Vaccines Work available at <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/effectiveness/work.html>. Vaccination rates are among other key metrics BPHC and other members of the City Administration regularly follow on the COVID-19 Data Dashboard that allows timely data to be used to inform COVID-19 policy and programmatic interventions.

13. Given this knowledge, it was my opinion and belief that continuing the practice of allowing employees to get tested rather than get vaccinated was insufficient to prevent transmission of COVID-19 in the context of the Delta, Omicron, and future variants, or suppress the spread of COVID-19 among City employees during the anticipated seasonal surge.

14. In my opinion, which is informed by data and the expertise of the public health professionals at BPHC and elsewhere, as well as the best available medical and public health data, it was clear that it is critical to ensure employees and the public are vaccinated rather than merely tested on a weekly basis. COVID-19 testing, while useful, is a point-in-time measure of infection and testing once per week does not sufficiently ensure that an unvaccinated individual does not have COVID-19 at all other points in time during the week. While testing can help detect infection, it cannot prevent infection. Preventing COVID-19 infection among employees is critically important for the reasons stated herein.

15. It is widely accepted in the infectious disease medicine and public health fields that individuals who are vaccinated are less likely to contract COVID-19 than those who are not. *See* United States Centers for Disease Control and Prevention, COVID-19 Vaccines Work available at <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/effectiveness/work.html>. As of January 4, 2022, 80.7% of Boston residents have had at least one dose of vaccination, but only 69.3% are fully vaccinated. https://bphc.org/whatwedo/infectious-diseases/Documents/Vaccine%20Reports/Boston_COVID-19_Vaccination_Report_07Jan2021.pdf.

16. In addition, the current data, research, and analysis indicate that if persons who are vaccinated do contract COVID-19, their viral load is significantly lower than that of infected individuals who are unvaccinated. This lower viral load results in vaccinated individuals shedding less virus and for a shorter duration of time, thus reducing the likelihood they will infect others.

17. Because vaccination reduces the risk of serious illness, it reduces the strain on the City and BPHC workforce which provides critical services to city residents. Vaccination reduces the risk of serious illness, it also reduces, on average, the period of time for which employees that do contract COVID-19 are symptomatic, allowing a sooner recovery and return to service.

18. Those who are vaccinated are significantly less likely to develop serious health complications from COVID-19, including hospitalization and death.

19. While a majority of Massachusetts and Boston residents are vaccinated, the great majority of serious COVID-19 illness and hospitalization in the state and city is among unvaccinated individuals.

20. By requiring vaccinations of all City employees, the City reduces the likelihood that there will be “clusters” and/or workplace spread of COVID-19.

21. By requiring vaccines, the City reduces the likelihood of spread of COVID-19 from City employees to the populations it serves.

22. Those requiring public services, in particular those provided by the employees Plaintiffs represent, do not have an option in most instances regarding whether to seek such services and/or to interact with these City employees. Police and Fire services often require these City employees to enter the homes of citizens or have extremely close contact with citizens, including vulnerable populations such as the elderly, children who cannot be vaccinated, and/or citizens who have compromised immune systems. Accordingly, by ensuring its employees are vaccinated, the City significantly reduces health and safety risks to the public requiring such services.

23. Because vaccinations significantly reduce the likelihood that someone who contracts COVID-19 will be hospitalized, requiring vaccination prevents further burden of the health care system. Even if the Omicron variant tends to cause less severe illness, as is being evaluated by the public health community, the sharp increase in cases results in increases in hospitalizations, as shown in the hospitalization and hospital capacity metrics BPHC follows. Throughout the pandemic, preserving hospital capacity has been an overarching imperative that has informed emergency interventions and employment protections.

24. Based on the above and all available data currently available, it is the position of the BPHC that the vaccination of all City employees is a necessary part of a medically sound and necessary public health strategy in the City to combat the spread and severity of COVID-19. Vaccination protects both employees and members of the public by reducing transmission of the disease and moderating the severity of symptoms in those who contract it. These factors are necessary both to protect the public and employees from COVID-19 but also to maintain a healthy workforce necessary to deliver the services that the public requires from municipal employees.

25. Since the announcement of the December Policy, data has unfortunately validated these concerns identified by my agency and the City in December 2021 and has firmly underscored the need to take action to prevent the spread of COVID-19 in the City workforce and more broadly.

26. Since early on in the pandemic, the BPHC has monitored the same six metrics in tracking the spread and risk of COVID-19 to our communities. These were publicly announced on November 20, 2020, during a press conference that included at least twenty media outlets; they have been available on the BPHC’s webpage since at least January 21, 2020.

27. These metrics include:

- New Positive Tests for COVID-19 in Boston Residents: This document the number of cases the City is seeing each day and how quickly COVID-19 is spreading in Boston
- Number of COVID-19 Molecular Tests Performed: This aids the BPHC in understanding whether the City is performing a consistent amount of testing among Boston residents.
- COVID-19 Emergency Department Visits to Boston Hospitals: This metric looks at the broader impact of COVID-19 on hospital emergency departments.
- Adult COVID-19 Hospitalizations. This metric helps us understand the burden of serious COVID-19 cases among adults resulting in inpatient care in Boston hospitals. It includes the total number of adult hospitalizations among Boston and non-Boston residents for COVID-19.
- Percentage of Non-Surge Adult ICU Beds Occupied at Boston Hospitals: This tells the BPHC how full Boston hospital adult ICUs are and indicates when hospitals may need to start using surge beds to care for patients.

See <https://analytics.boston.gov/app/boston-covid>.

28. These thresholds are important in that they all the BPHC to understand when and where it needs to recommend policy and programmatic interventions, including emergency orders and changes to workplace COVID-19 protections.

29. At the time of the policy decision in question, there was clear evidence in the metrics that COVID-19 continues to cause serious harm to the public health of the City of Boston. As of December 17, 2021, 78.8% of the total Boston resident population had received at least one vaccination dose and 68.4% of Boston the total Boston population was fully vaccinated. 86.6% of the Boston resident population over the age of 12 had received at least one vaccination dose and 75.7% of the population over the age of 12 was fully vaccinated. Significantly, the positive test rate in Boston had reached 6.7%, up from a low of 0.4% in late June, 2021 and above the Commission's 5% threshold of concern.

30. Now, as of January 4th, 2022, the positivity rate has reached 31.9%. As of December 7, the percentage of occupied adult non-surge ICU beds had reached 94.5%, approaching the Commission's 95% threshold of concern. The fact that the course of the pandemic and local public health metrics have worsened considerably since the revised policy was announced further underscores the need for these workplace safety precautions to be implemented without delay.

31. At the same time that the modification to the City employee vaccination policy was determined, I issued an emergency public health order to require individuals entering any dining, entertainment, or fitness establishment in Boston to be vaccinated against COVID-19. In addition to these policy interventions, BPHC is working in collaboration with other City agencies and other partners to ensure that vaccination and testing is available to meet the surge in need accompanying the present state of the pandemic. These efforts will continue to be focused on frontline City employees. Specifically, BPHC is offering a vaccination clinic for Boston Fire Department and Boston Police Department at Boston Fire Department Headquarters throughout the current week.

Employees are encouraged to avail themselves of these and other vaccination clinics offered by the Boston Public Health Commission. See Ojikutu Press Statements December 20, 2021 attached as Exhibit 2.

Signed under the pains and penalties of perjury this 10th day of January, 2022:

A handwritten signature in black ink, appearing to read "Bisola Ojikutu", written in a cursive style.

Dr. Bisola Ojikutu, Executive Director
Boston Public Health Commission

ATTACHMENT 1

**Bisola O. Ojikutu MD MPH FIDSA
Curriculum Vitae**

Date Prepared: November 1, 2021

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Cell Phone: 917-287-2710

Work Email: bojikutu@bphc.org

Education

1991-1995	A.B. (Honors)	Political Science, Pre-Med	Washington University, St. Louis, MO
1995-1999	M.D.	Medicine	Johns Hopkins University School of Medicine, Baltimore, MD
2002-2003	M.P.H	Health Policy and Management	Harvard T.H. Chan School of Public Health (HSPH), Boston, MA

Postdoctoral Training

06/1999-06/2002	Intern/Resident	Internal Medicine	New York Presbyterian Hospital/Weill Cornell, New York, NY
07/2002-07/2003	Research Fellow	Commonwealth Fund Fellowship in Minority Health Policy	Harvard Medical School (HMS), Boston, MA
07/2003-06/2006	Clinical and Research Fellow	Infectious Diseases	Massachusetts General Hospital (MGH) / Brigham and Women's Hospital (BWH) Combined Program, Boston, MA

Faculty Academic Appointments

11/2005-09/2008	Instructor	Medicine	HMS
10/2008-11/2009	Assistant Professor	Medicine	HMS
11/2009-08/2014	Assistant Clinical Professor	Medicine	HMS
9/2014-10/31/21	Assistant Professor	Medicine	HMS

11/2018-10/31/21	Assistant Professor	Global Health and Social Medicine	HMS
11/2021-	Associate Professor (part-time)	Medicine	HMS

Appointments at Hospitals/Affiliated Institutions

06/2006-06/2007	Clinical Assistant	Medicine	MGH
06/2007-04/2011	Assistant	Medicine	MGH
04/2011-10/2014	Clinical Associate	Medicine	MGH
11/2014-	Clinical Affiliate	Medicine	MGH
10/2014-	Associate Physician	Medicine	BWH
10/2015-	Adjunct Faculty	Medicine	The Fenway Institute (TFI), Boston, MA

Other Professional Positions

1997-1998	Advocacy Fellow	Association of Community Organizations for Reform Now St. Louis, MO
1999	Health Policy Fellow	Office of Congressman Elijah E. Cummings, Capitol Hill Office Washington, DC
2002-2003	Health Policy Consultant	Massachusetts Department of Public Health, HIV / AIDS Unit Boston, MA
2003-2004	Consultant	Antiretroviral Roll-Out Task Team KwaZulu Natal Department of Health
2004-2006	Advisor	KwaZulu Natal, South Africa Physicians for Human Rights Health Action AIDS Advisory Board
2006	Consultant	Boston, MA World Health Organization Treat, Train and Retain Campaign
2009-2014	Senior Advisor	Geneva, Switzerland John Snow Research and Training Institute
2009-2014	Consultant	Boston, MA Massachusetts Department of Public Health
2009-2018	Clinical Advisor, HIV Prevention Capacity Building and Assistance Project (CBA)	Boston, MA Centers for Disease Control and Prevention (CDC) Atlanta, GA
2010-2019	Faculty Advisor	Multicultural AIDS Coalition (MAC) Boston, MA
2011-2012	Clinical Advisor, Prevention with	CDC Atlanta, GA

2012-2014	Positives Program (HIV Technical Assistance) Clinical Advisor, Access, Care and Engagement (ACE) Technical Assistance Center	HIV/AIDS Bureau, Health Resource & Services Administration (HRSA) Washington DC	
2013-2016	Board of Advisors Member	AIDS Action Committee (AAC) Boston, MA	
2018-2020	Clinical Advisor, Best Practices HIV Care and Treatment Strategies and Interventions Working Group	HIV/AIDS Bureau, HRSA	
2018-2020	Clinical Advisor	National AIDS Education and Training Center, Evaluation Team Boston, MA	
2019-2021	Board of Trustees Member	John Snow Research and Training Institute	
2020-2021	Consultant	RAND Corporation Santa Monica, CA	
2020-	Board Member	Alliance Charitable Foundation Boston, MA	.5 hr per week
2020-	Faculty Advisor	The National LGBTQIA Health Education Center (TFI)	.5 hr per week
2021-	Board Member	Massachusetts Health Council	.1 hr per week
2021-	Executive Director	Boston Public Health Commission, Boston, MA	32 hr per week

Major Administrative Leadership Positions

Local

2005-2008	Director, South African HIV/AIDS Programs, Division of AIDS	HMS
2006	Chairperson, International HIV/AIDS Conference	HMS
2006-2009	Director, Summer Research Internship for Harvard Undergraduate Students	Harvard Initiative on Global Health
2006-2012	International Program Director, Doris Duke Fellowship for Medical Students	HMS
2008-2009	Director, Office of International Programs, Division of AIDS	HMS
2009-2010	Clinical Director, Peer Navigation Program for HIV-positive women	MGH and AAC
2011-2013	Vice-Chairman of the Board	AAC, Fenway Health
2015-2016	Co-Director, Scientific Working Group on Health Equity	Harvard University Center for AIDS Research (CFAR), Cambridge, MA
2017-2021	Director, Community Engaged Research Program	CFAR
2017-2021	Founding Member, Tulumbe! Partnership for African Immigrants and HIV	BWH
2018-2021	Associate Director, Bio-Behavioral and Community Science Core	CFAR
2019-2021		CFAR

	Faculty Director, Community Advisory Board	
2020-	Course Director, AI Health (African Immigrant Health) ECHO Online Community of Practice Program	CFAR, MAC
National		
2007	Course Director, HIV Lecture Series	Howard Hughes Medical Institute, Chevy Chase, MD
2007-2008	Course Director, Optimizing Care for Minority Women with HIV/AIDS	John Hopkins University and Advanced Studies in Medicine Baltimore, MD
2010	Course Director, Enhancing Care and Treatment for Minority Individuals Living with HIV/AIDS	John Hopkins University and Advanced Studies in Medicine
2010	Course Director, HIV Journal Club, Overcoming Challenges to Accessing and Adhering to Care in Minority Patients Living with HIV	Johns Hopkins University and Advanced Studies in Medicine
2012-	Vice-Chairman of the Board	HealthHIV Washington DC
International		
2005	Course Director, HIV Care and Treatment Course	McCord Hospital Durban, South Africa
2006-2007	Project Director, President's Emergency Plan for AIDS Relief Training Program	Broadreach Healthcare Johannesburg, South Africa
2006-2009	Founding Director, Umndeni "Family" Care Program- increase access to point of care HIV testing	Valley Trust KwaZulu Natal, South Africa
2009-2014	Clinical Director and Technical Lead Adult, Pediatric and PMTCT Treatment Programming, AIDSTAR-One (USAID)	JSI International Multiple sites in sub-Saharan Africa
2015-2018	Clinical Director and Technical Lead Adult and Adolescent Treatment Programming, AIDS Free (USAID)	JSI International Multiple sites in sub-Saharan Africa
<u>Committee Service</u>		
Local		
2000-2001	Center for Special Studies, Global Access to Antiretroviral Therapy Committee	New York Presbyterian Hospital Resident Committee Leader
2006-2009	HIV Executive Committee	MGH
2006-2010	Internship Selection Committee	MGH
2017-2021	Internship Selection Committee	BWH
2018 -2021	Steering Committee, Clinical Core	CFAR
2019-2021	Diversity, Equity and Inclusion (DEI) Committee, Division of Infectious Diseases	MGH Chair
2019-2021	Health Equity Committee, Department of Medicine	BWH Co-Chair, Research Sub-Committee
2020-2021	DEI Committee, Division of Infectious Diseases	BWH
2021	Vaccine Equity Response Team	BWH
2021	Global Vaccine Equity Working Group	Harvard Global Health Institute, Ariadne Labs, CFAR Co-Chair

Regional

2016-2018	Getting to Zero Statewide Campaign Comprehensive Care Committee	Massachusetts Department of Health, TFI, and AAC Co-Chair, Comprehensive Care Committee
2019-	Ending the Epidemic Steering Committee	Massachusetts Department of Public Health

National

2007-2011	Advisory Committee	National Minority AIDS Education and Training Center
2010	National AIDS Strategy Advisory Committee	National AIDS Fund
2016-2018	Advisory Committee	Patients Centers Outcomes Research (PCORI) African Immigrants Engagement Program
2017	HIV Advisory Committee	Medscape

International

2009-2014	Antiretroviral Therapy Treatment Working Group (TWG)	President's Emergency Plan for AIDS Relief (PEPFAR)
2021-	Scientific Expert Board	Virology Education

Professional Societies

1997-1998	Student National Medical Association 1997-1998	Member Chapter President National Legislative Affairs Chairperson
2004- 2004- 2006-2008	International AIDS Society Infectious Disease Society of America American Academy of HIV Medicine 2006-2008	Member Member Member Member, Caucus of Leading HIV/AIDS Providers in Black Communities
2009- 2014-2016 2014-present 2018-present 2019-present 2020-present	Massachusetts Medical Society 2019-present 2020-present	Member Member, Global Health Committee Member, Diversity Committee Member, Committee on Public Health (CPH) Member, Minority Affairs Committee CPH Representative to the MMS Strategic Planning Committee
2010- 2015-	Massachusetts Infectious Disease Society American Public Health Association 2015-present 2015-present	Member Member Member, Section on HIV/AIDS Member, International Health
2017- 2020-	Massachusetts Public Health Association American Medical Women's Association (AMWA) 2020-present	Member Member Member, Public Policy and Advocacy Committee

Grant Review Activities

2006	Women's Interagency HIV Study (WIHS) IV	National Institutes of Health
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	U01 Limited Competition	(NIH)
2016	CFAR Developmental Award Review	CFAR
2016	U01 Behavioral Interventions to Prevent HIV in Diverse Adolescent MSM RFA-MD-15-012 Special Emphasis Panel	National Institute of Mental Health (NIMH)
2018	Review Meeting ZMD1 DRI O1 R13, K08, K99, K23	National Institute Minority Health Disparities (NIMHD)
2020	Health Equity Pilot Awards	Department of Medicine, BWH

Editorial Activities

Ad hoc Reviewer

AIDS Care
AIDS Patient Care and STDs
American Journal of Public Health
Annals of Epidemiology
BMC Pediatrics
Journal of Acquired Immune Deficiency Syndromes
Journal of Health Care for the Poor and Underserved
PLOS One
Public Health Reports
Sexually Transmitted Infections

Other Editorial Roles

2007	Guest Editor	<i>Journal of Infectious Diseases</i>
2018-	Academic Editor	<i>PLoS One</i>

Book/Textbook Editorial Roles

2009	Stone VE, Ojikutu BO , Rawlings MK, Smith KY, editors.	<i>HIV/AIDS in US: Communities of Color</i> . 1st edition. New York, NY: Springer; 2009. Co-editor.
2020	Ojikutu BO , Stone VE, editors.	<i>HIV/AIDS in US: Communities of Color</i> . 2nd edition. New York, NY: Springer; 2020. Co-editor.

Honors and Prizes

1993	Harriet S. Kluver Scholar Award	Washington University
1995	Ralph Bunche Scholar Award	Washington University
1995	Pi Sigma Alpha	National Political Science Honor Society
1995	Phi Beta Kappa	National Honor Society
1996	Monumental City Medical Society Award for Academic Excellence	Johns Hopkins University School of Medicine

2002	Charles Uribe Award for Service to Underserved Communities	New York Presbyterian Hospital	Contributions to underserved communities
2006	Clinician-Teacher Minority Faculty Development Award	MGH	
2007	IDEAS Boston Honoree	UMass Boston	Selected among leaders in Boston

Report of Funded and Unfunded Projects

Past

2006-2007	<p>Evaluation of a Novel HIV Prevention Program CFAR / NIH P30 AI060354 Co-investigator (PI: Charles Deutsch PhD) The major goal of the study was to evaluate a novel HIV prevention program for adolescents in South Africa.</p>
2006-2010	<p>Overcoming Barriers to Accessing HIV Care in Kwa-Zulu Natal, South Africa Massachusetts General Hospital Clinician-Teacher Development Award PI The major goal of the study was to support the evaluation of the Umndeni Care Program, a community-based initiative to improve access to HIV care in South Africa.</p>
2007-2010	<p>Umndeni Care Program, Exploring Barriers in Access to Care The Gilead Foundation PI The major goal of the study was to support the evaluation of the Umndeni Care Program, a community-based initiative to improve access to HIV care in South Africa.</p>
2007-2012	<p>Doris Duke Research Fellowship for Medical Students Doris Duke Charitable Foundation Co-investigator (PI: Ravi Thadhani MD) The major goal of the grant was to provide research opportunities and mentorship to medical students who are interested in clinical and operational research.</p>
2010-2011	<p>Barriers to HIV Testing in Minority Populations in Massachusetts CFAR / NIH P30 AI060354 PI The major goal of the study was to determine the barriers to accessing HIV testing in black immigrant and African-American populations in Massachusetts.</p>
2010-2014	<p>AIDS Support and Technical Assistance Resources (AIDSTAR-One) Project United States Agency for International Development GHH-I-00-0700059-00 Consultant (PI: Andrew Fullem) The goal of this grant was to conduct health systems research and provide technical assistance to countries funded through PEPFAR to provide HIV care, treatment, and prevention services.</p>
2011-2012	<p>Interdisciplinary Care Models for the Delivery of HIV / AIDS Care and Treatment among Ryan White HIV / AIDS Program Grantees HRSA Co-PI (Co-PI: Jeremy Holman PhD) The goal of this grant was to evaluate models of multidisciplinary care for people living with HIV in the United States.</p>

2011-2012	<p>Training and TA for Prevention with Positives: development of implementation, training and promotional materials for HIV medication adherence strategies CDC Co-investigator (PI: Janet Van Ness) The goal of this grant was to provide training and TA to providers of HIV care on evidence based adherence strategies and methods.</p>
2012-2019	<p>Doris Duke International Research Fellowship for Medical Students Doris Duke Charitable Foundation Co-PI (Co-PI: Louis Ivers) The major goal of the grant was to provide research opportunities and mentorship to medical students who are interested in operational and clinical research on HIV and related infectious diseases.</p>
2013-2014	<p>National Survey on HIV in Black America CFAR / NIH P30 AI060354 MPI (MPI: Laura Bogart PhD) The goal of the study was to determine the drivers of HIV infection in high risk populations in black/African-Americans.</p>
2013-2014	<p>Sub Saharan African Women living with HIV and Depression William F. Milton Fund, Harvard University PI The goal of this grant was to qualitatively explore the relationships among selected variables (stigma, disclosure, social withdrawal) and depression in sub Saharan African immigrant women living with HIV in Massachusetts and New York.</p>
2013-2016	<p>Affordable Care Act Enrollment Technical Assistance Center HRSA Co-PI (Co-PI: Stewart Landers JD) The goal of this grant was to provide technical assistance to jurisdictions around the country who are enrolling people living with HIV in new health insurance options under the Affordable Care Act.</p>
2014-2015	<p>Community Cultural Norms, Stigma and Disclosure to Sexual Partners among Women Living with HIV in Thailand, Brazil and Zambia (HPTN 063) HIV Prevention Trials Network (HPTN), UM1AI068619 PI The goal of this study was to determine the predictors of disclosure among HIV infected women living in Zambia, Brazil, and Thailand.</p>
2014-2015	<p>Structural Factors Promoting HIV/STI Risk in Black Adolescents NIH Adolescent Trials Network, Diversity Supplement U01HD068040-05 Co-Investigator (PI: Kenneth Mayer MD) The goal of this study was to use geospatial analysis to determine the impact of environmental factors, such as crime, poverty and homophobia on Black adolescents.</p>
2016-2017	<p>Predictors of Pre-exposure Prophylaxis Use among Black Individuals in the US Health Disparities Pilot Research Award Harvard Catalyst PI The goal of this grant was to support biostatistical services to complete data analysis for the National Survey of HIV in the Black Community.</p>

2015-2021	<p>Identifying Environmental Factors Promoting HIV/STI Risk in Black Adolescents and Young Adults NIH/NIMH K23 Career Development Award PI (\$847,779)</p> <p>The goal of this study is to develop the research skills to conduct geospatial analysis to determine the relationships between structural factors, such as crime, violence, and poverty and sexual transmission risk.</p>
2018-2021	<p>Ryan White HIV/AIDS Program Regional AIDS Education and Training Centers Evaluation of Core Training and Minority SIDS Initiative Activities HRSA HHS25034002T Co-Investigator (PI: Michele Clark DrPH/JSI)</p> <p>The specific aims of this project are to evaluate the efficacy of HIV health care provider (doctors, nurse practitioners, physician assistants) training focused on PrEP and antiretroviral therapy through the Minority AIDS Initiative and the AIDS Education and Training Centers.</p>
2018-2021	<p>Ryan White HIV/AIDS Program (RWHAP): Best Practice Strategies and Interventions HRSA HHS25034003T Clinical Advisor (PI: Julie Hook MPH/JSI)</p> <p>The specific aims of this project are to systematically identify evaluate and document existing best practice strategies and interventions that have been shown to improve HIV outcomes along the HIV care continuum.</p>
2020-2021	<p>Prostate Cancer Treatment Disparities Qualitative Study Massachusetts Department of Public Health Clinical Advisor (PI: Stewart Landers JD)</p> <p>The primary objective of this study is to explore perceptions of Black-White disparities in prostate cancer treatment outcomes, including medical mistrust and patient-preferences regarding treatment.</p>
2020-2021	<p>Overcoming Structural Challenges to PrEP Access at Brigham and Women's Hospital BWH Department of Medicine Health Equity Pilot Award PI (\$40,000)</p> <p>The primary objective of this study is to determine the rate of PrEP prescription and missed opportunities for PrEP initiation within the BWH system and to develop a comprehensive plan to increase PrEP prescription to at-risk patients.</p>
2020-2021	<p>Stakeholder Partnership to Address COVID-19 Vaccine Hesitancy among Black Americans RAND Corporation Co-Investigator (PI: Lulu Dong PhD)</p> <p>The goals of the study are to determine factors predicting vaccine hesitancy, mitigate its impact, and decrease COVID-19 inequities among Black Americans.</p>
Current 2021-2022	<p>Addressing Unmet PrEP Needs Among Diverse Black Women CFAR/ NIH P30 AI060354 PI (\$149,000)</p> <p>The goals of the study are to determine the feasibility and acceptability of a mobile, venue-based, PrEP access community outreach intervention that will leverage an existing community based outreach effort.</p>
2021-2023	<p>A Qualitative Study to Explore Biomedical HIV Prevention Preferences Challenge and Facilitators among Diverse At-Risk Women Living in the United States</p>

Merck Investigator Studies Program

PI (\$365,000)

The primary objective of this study is to explore biomedical HIV prevention preferences challenges, and facilitators among at-risk women living in the US. The secondary objectives are to explore differences in preferences, challenges, and facilitators of biomedical HIV prevention uptake by geographic region of the country (South versus North), race, ethnicity, country of origin, and transmission risk factor and to utilize the qualitative data collected to develop a list of potential novel interventions to increase biomedical HIV prevention uptake among diverse at risk women.

2021-2023

PARTNER (Participant Approaches to Research Techniques that Nurture Engagement and Retention)

Merck Investigator Studies Program

Co-Investigator (PI: Carrie-Ann Gakumo PhD RN/ University of Massachusetts)

The specific aims of this formative evaluation study are: 1) To assess what Black people living with HIV understand about informed consent and assess their preferences related to the process, and 2) To develop a patient-centered tool and determine its acceptability and feasibility for use in the informed consent process in HIV clinical trials.

2021-2024

Comparative Effectiveness of Individual Versus Group-Level Interventions to Reduce HIV Risk among African Immigrant Women

Patient Centered Outcomes Research Institute (PCORI) Addressing Disparities

PI (\$1,901,883)

The goals of this study are to culturally adapt two HIV/STI prevention interventions and to determine their effectiveness in increasing condom use and uptake of pre-exposure prophylaxis in a randomized controlled trial.

2021-2024

Development of an Online Provider Intervention to Address Intersectional Stigma and Medical Mistrust in HIV Patients

NIH/National Institute on Drug Abuse RFA-DA-21-001

Co-I (PI: Lulu Dong PhD)

The goals of this study are to develop an online intervention for HIV care providers to address the impact of intersectional stigma, with particular focus on medical mistrust and conduct a pilot test of the intervention.

Training Grants and Mentored Trainee Grants

2020-2021

Addressing Unmet HIV risk and Sexual Health Needs among African Immigrant Women

CFAR / NIH P30 AI060354

Mentor of Khady Diouf, MD MPH

The goals of this study are to culturally adapt an HIV prevention intervention for African immigrant women using a culturally engaged approach.

Report of Local Teaching and Training

Teaching of Students in Courses

HMS/HSDM/DMS Courses

2009-2017

Doris Duke Medical Student Fellowship

Course

3rd-4th year medical students

HMS

2 1-hr lecture per year

2021	ANTHRO1826 Race and the Unequal Development of Pharmaceuticals	HMS 1-hr lecture
Other Harvard University Courses		
2003	Understanding Racial and Ethnic Disparities in Health Graduate students	HSPH 30-minute lecture
2004	Global Disparities in Health: Case Study HIV/AIDS Graduate students	HSPH 30-minute lecture
2006-2007	Seminar in Minority Health Graduate students	HSPH 1-hour lecture per year
2020	Gen Ed1170 Confronting COVID Course	Harvard University 1-hour lecture
2021	Epi 255: Epidemiology of HIV Ending the HIV Epidemic Among Women	HSPH 1-hour lecture

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2003	HIV/AIDS Care at an Urban Hospital in South Africa Internal medicine residents	MGH 1-hour lecture
2004	HIV and Coagulation Disorders Infectious disease fellows, residents, and medical students	MGH 30-minute lecture
2004	Survival Analysis of HIV+ Patients in South Africa Infectious disease fellows, residents, and medical students	MGH 1-hour lecture
2005	Lymphoma and HIV Infectious disease fellows, residents, and medical students	MGH 30-minute lecture
2005	Centers for AIDS Research Symposium: HIV/AIDS Care and Treatment: Orphans of AIDS Fellows, residents, medical students	MGH 1-hour lecture
2006	Centers for AIDS Research Symposium: Women and HIV Fellows, residents, medical students	MGH 1-hour lecture
2006	Predictors of Mortality in Patients Initiating ART in Africa	MGH 1-hour lecture

Infectious disease fellows, residents, medical students

2019	HIV Care and Treatment/Morning Report Department of Medicine Residents and medical students	BWH 1-hour seminar
2019	HIV Clinical Care and Treatment Update Advocacy Fellowship Fellows, medical students and trainees	TFI 30-minute lecture
2020	Ending the HIV Epidemic Domestically Department of Medicine Health Equity Seminar Fellows, residents, medical students	BWH 30-minute lecture
2020	HIV and the Domestic Epidemic Department of Medicine-Global Health Series Fellows, residents, medical students (<i>postponed because of a Covid-19 meeting ban</i>)	Beth Israel Lahey Health, Boston, MA 1-hour seminar
2020	Structural Inequity and Infectious Diseases Global Health Equity Residents	BWH 1-hour lecture
2020-	Structural Inequity, Structural Racism and Infectious Diseases Infectious Disease Fellowship Core Curriculum	MGH/BWH 1-hour lecture per year

Clinical Supervisory and Training Responsibilities

2008-2021	Infectious Disease Outpatient Clinic Preceptor Fellows, residents, and medical students	MGH 5 hours per week
2014-2016	Infectious Disease Inpatient Consult Attending Fellows, residents, medical students	MGH 30 hours per week/4 weeks per year
2018-2021	Infectious Disease Inpatient Consult Attending Fellows, residents, medical students	BWH 30 hours per week/4 weeks per year
2021-	Infectious Disease Inpatient Consult Attending Fellows, residents, medical students	BWH 30 hours per week/2 weeks per year
2021-	Infectious Disease Outpatient Clinic Preceptor Fellows, residents, and medical students	MGH 3 hours per week

Laboratory and Other Research Supervisory and Training Responsibilities

2014-	Research supervision Fellows and mentees	BWH One-hour research team meeting per week; 1:1 supervision one hour per week
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Formally Mentored Harvard Medical, Dental and Graduate Students

2007-2008	Jennifer Chen, HMS Class of 2009 Former Doris Duke Fellow. Project focused on reproductive care for HIV positive women in Botswana. Abstract and oral presentation at the Doris Duke Charitable Foundation
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national Meeting. Currently Assistant Professor of Medicine, Department of Medicine, University of California San Francisco School of Medicine, San Francisco, CA.

- 2007-2008 Alex Herrera, HMS Class of 2009
Former Doris Duke Fellow. Project focused on multidrug resistant TB treatment in South Africa. Presentation at the Doris Duke Charitable Foundation national meeting. Currently Assistant Professor of Medicine, Department of Hematology & Hematopoietic Cell Transplantation, City of Hope Comprehensive Cancer Center, Los Angeles, CA
- 2011-2012 Bushra Taha, HMS Class of 2013
Former Doris Duke Fellow. Project focused on improving perioperative outcomes for women undergoing Cesarean sections in Rwanda. Abstract and oral presentation at the Doris Duke Charitable Foundation national meeting. Currently Anesthesiologist at Brigham and Women's Hospital and Massachusetts General Hospitals in Boston, MA.
- 2014-2015 George Baison, HMS Class of 2017
Former Doris Duke Fellow. Project focused on surgical outcomes among patients who required transfer to referral hospitals in Rwanda. Final presentation at the Doris Duke Charitable Foundation national meeting. Currently General Surgery Fellow, Tufts University School of Medicine, Boston, MA.
- 2015-2016 Lenka Ilcisin, HMS Class of 2017
Former Doris Duke Fellow. Project focused on surgical volume and post-operative mortality rates. Final presentation at the Doris Duke Charitable Foundation national meeting. Currently Clinical Fellow in Surgery, BWH.
- 2017-2018 Rumbidzai Mushavi, HMS Class of 2019
Former Doris Duke Fellow. Project focused on water insecurity and mental health. Final presentation at the Doris Duke Charitable Foundation national meeting. Currently Clinical Fellow in Obstetrics, Gynecology and Reproductive Biology, BWH.
- 2018- Parsa Erfani, HMS Class of 2021
Analyzing data from the National Survey on HIV in the Black Community, which will explore homophobia and transphobia and impact on Black MSM. Manuscript is under review at the *Journal of Homosexuality*.
- 2019- Uzoeghelu Ugochukwu MBBS, CPH, MPH, Master of Medical Sciences in Clinical Investigation (MMSCI) Class of 2021
Research is focused on barriers to pre-exposure prophylaxis (PrEP) uptake among vulnerable populations. Manuscript is under review at the *Journal of Racial and Ethnic Disparities*. A second manuscript is currently being prepared.

Other Mentored Trainees and Faculty

- 2009-2010 Ofole Mgbako, MD / Post-doctoral Fellow, HIV Center for Clinical and Behavioral Studies Columbia University School of Medicine, New York City, NY
Career stage: Harvard University undergraduate student. *Mentoring role:* primary mentor. *Accomplishments:* Mentored through the Harvard Institute for Global Health (HIGH) Summer Program. Worked in South Africa assessing sociocultural determinants of health among orphans; presented findings at the Harvard Institute for Global Health Summer Internship Forum.
- 2012- Jowanna Malone MPH / PhD candidate, Johns Hopkins University School of Public Health
Career stage: Master's of Public Health Student *Mentoring role:* co-mentor. *Accomplishments:* Mentored through the Harvard Institute on Global Health summer program. Focused on HIV prevention among teens in the Boston area. Presented at the

university-wide end of summer meeting. She was also my research assistant in 2016 while completing graduate studies (MSc) at the Harvard School of Public Health. Abstract presented at the Society for Epidemiologic Research Meeting in 2018.

- 2016-2017 Yusuf Ransome, MPH, DrPH / Assistant Professor, Yale School of Public Health, New Haven, CT
Career stage: Yerby Postdoctoral Fellow, HSPH. *Mentoring role:* co-mentor.
Accomplishments: Analysis of the National Survey on HIV in the Black Community. Manuscript published in *BMC Public Health*.
- 2016-2017 Sharon Ron, MS / Public Health Planner II, Metropolitan Area Planning Council, Boston, MA
Career stage: doctoral candidate at Tufts University. *Mentoring role:* thesis advisor
Accomplishments: Completed thesis on spatial accessibility, socio-cultural determinants and HCV prevalence in Massachusetts.
- 2016- 2017 Brianne Mui, PhD / Post-Doctoral Research Fellow, Hinda and Arthur Marcus Institute for Aging Research, and Research Fellow in Medicine, Department of Medicine, Beth Israel Deaconess Medical Center
Career stage: doctoral student at Northeastern University. *Mentoring role:* thesis advisor.
Accomplishments: Completed a study characterizing HIV-infected nursing home patients. Published in the *Journal of the Association of Nurses in AIDS Care*.
- 2017-2018 Jon Galla, BA / Medical Student, George Washington University School of Medicine, Washington, DC
Career stage: Harvard University Undergraduate. *Mentoring role:* co-mentor.
Accomplishments: Mentored through the Summer Undergraduate Research in Global Health (SURGH) Fellowship Program. Project focused on community responses to the MA state HIV epidemic. Presented findings at the Harvard Global Institute for Health summer internship forum.
- 2017-2018 Donna Okoli, MD / Emergency Medicine Resident, Advocate Health Care, Chicago, IL
Career stage: medical student at Tufts University School of Medicine. *Mentoring role:* co-mentor. *Accomplishments:* Mentored through the National Medical Foundation's (NMF) Primary Care Leadership Program. Presentation at final summer NMF forum.
- 2018 Christine Archuleta, BA / Medical student, George Washington University School of Medicine, Washington, DC
Career stage: medical student at George Washington University School of Medicine
Mentoring role: co-mentor. *Accomplishments:* Mentored through the National Medical Foundation's (NMF) Primary Care Leadership Program. Presentation at final summer NMF forum.
- 2018 Xochitl Mendez, BA / Medical student, Arizona College of Osteopathic Medicine, Glendale, AZ
Career stage: medical student at Arizona College of Osteopathic Medicine
Mentoring role: co-mentor. *Accomplishments:* Mentored through the National Medical Foundation's Primary Care Leadership Program. Presentation at final summer NMF forum.
- 2018-2019 Madina Agenor PhD/Assistant Professor of Race, Culture, and Society in the Department of Community Health at University
 Manuscript addresses disparities in HIV testing by sexual orientation and race and ethnicity. Published in *LGBT Health*.
- 2019 Tamika McLean, MBS / Medical student, Frank H. Netter MD School of Medicine, Quinnipiac University, Hamden, CT

Career stage: medical student at Frank H. Netter School of Medicine *Mentoring role:* co-mentor. *Accomplishments:* Mentored through the National Medical Fellowship Program. Presentation at final summer NMF forum.

- 2019- Khady Diouf, MD / Medical Director, Assistant Professor of Obstetrics and Gynecology, BWH
Career stage: Assistant Professor *Mentoring role:* primary mentor. *Accomplishments:* Study focused on HIV prevention and uptake of PrEP among African immigrant women. She has been awarded a Harvard Center for AIDS Research Developmental Award. Her research is ongoing.
- 2020- Robert Bonacci MD MPH/ Epidemiologic Intelligence Service Officer, Centers for Disease Control and Prevention, Atlanta, GA
Career stage: post-doctoral fellow *Mentoring role:* co-mentor *Accomplishments:* Currently preparing a manuscript describing novel interventions to increase PrEP uptake supported by departments of public health.
- 2020- Sonya Davey MD MPhil/Internal Medicine Resident, BWH
Career stage: resident *Mentoring role:* co-mentor. *Accomplishments:* Co-authored manuscript on testing inequity in Massachusetts. Conducting research on vaccine hesitancy in the Black community.
- 2020- Jodian Pickney MD/Infectious Disease Fellow, MGH
Career stage: fellow *Mentoring role:* co-mentor. *Accomplishments:* T32 awarded

Formal Teaching of Peers (e.g., CME and other continuing education courses)

No presentations below were sponsored by outside entities.

2007	Antiretroviral Therapy in the Developing World Massachusetts General Hospital Infectious Disease Course HMS	Single presentation Boston, MA
2009	Antiretroviral Therapy Case Studies Annual Workshop in Advanced Clinical Care Harvard Center for AIDS Research MGH	Single presentation Durban, South Africa
2019	HIV in Marginalized Populations: Improving Outcomes HIV: Contemporary issues in management BIDMC, HMS	Single presentation Boston, MA
2020-21	African Immigrant Health and HIV ECHO Course Harvard University Center for AIDS Research	Four 1-hour lectures Online CME

Local Invited Presentations

No presentations below were sponsored by outside entities.

2004	Global HIV/AIDS Care and Treatment/Lecture Minority Faculty Development Annual Conference, HMS
2005	Racial and Ethnic Disparities in Health/Lecture Minority Faculty Development Seminar Office for Diversity, Inclusion and Community Partnership, HMS

2007	Health Care System Building and Self-Sufficiency/Lecture Harvard Business School-Africa Business Conference
2008	HIV/AIDS and Black Women in the US Harvard CFAR Conference, MGH
2009	International Research Opportunities/Panelist Division of AIDS, Office of International Programs, HMS
2011	Racial and Ethnic Disparities in HIV Prevalence and Outcomes Infectious Disease Conference, MGH
2013	Racial and Ethnic Disparities in HIV Care and Treatment Infectious Disease Conference, MGH
2014	Racial and Ethnic Disparities in Post Racial America/Grand Rounds Department of Medicine, Mount Auburn Hospital, Cambridge, MA
2015	Access to Care for People Living with HIV/Lecture HIV Online Provider Education (HOPE) Conference, MGH
2016	African Migration in the Western World and HIV/Grand Rounds Department of Medicine, Division of Global Health Equity, BWH
2016	Mass Incarceration: The Impact of the Criminal Justice System on Onward HIV Transmission in the US South/Plenary speaker National CFAR Symposium, Harvard University
2016	Getting to Zero in the Black Community in the US: Results from the National Survey on HIV in the Black Community (NSHBC)/Lecture (virtual) CFAR
2017	Structural Determinants of HIV Risk/Lecture CFAR Research in Progress, TFI
2018	Getting to Zero in Massachusetts: Non-US Born Black Individuals, HIV Risk and Assessing the Need for PrEP/Lecture Harvard University Center for AIDS Research (CFAR) Research in Progress, BWH
2018	Getting to Zero in Massachusetts: Non-US Born Black Individuals, HIV Risk and PrEP/Lecture Getting to Zero Annual HIV Conference, TFI
2018	Non-US Born Black Women and HIV/Lecture HIV Innovations in Action Conference, TFI
2018	HIV Remembrance and LGBTQ Populations/Panelist LGBT Student Interest Group, HMS
2019	Ending the HIV Epidemic: Local and National Perspectives/Grand Rounds Charles Garabedian Honorary Lecture, Mount Auburn Hospital
2019	Women and HIV: Perspectives on Ending the Epidemic/Lecture Infectious Disease Division, MGH

2019	Achieving Health Equity in the HIV Epidemic/Lecture Department of Medicine, Division of Infectious Diseases, BWH
2019	Gender Equity and HIV Research at Harvard/Lecture President's Emergency Plan for AIDS Relief Symposium, Harvard University
2019	HIV and Immigrant Populations/Panelist Getting to Zero Fellowship Seminar, TFI
2020	African Immigrants and HIV/Lecture Black History Month Keynote Presentation, MGH
2020	Black MSM and Medical Mistrust/Lecture (virtual) National LGBT Health Education Center, TFI
2020	Structural Inequity and Infectious Diseases/Grand Rounds (virtual) Center for Global Health, MGH
2020	COVID-19: Racial and Ethnic Disparities and Structural Racism/Grand Rounds (virtual) Department of Medicine, HMS
2020	Structural Racism and COVID-19/Lecture (virtual) COVID Here and Now (CHANT) Meeting, MGH
2020	Structural Racism and HIV/Lecture (virtual) CFAR Research in Progress Meeting, TFI
2020	Health Equity and Racial Justice Summit/Lecture (virtual) Department of Medicine/BWH
2020	Structural Inequity and the Prevention of Infectious Diseases/Lecture (virtual) Inaugural Research Seminar Series Department of Medicine, BWH
2020	Diversity and Equity in Clinical Research/Lecture (virtual) Discover Brigham, BWH
2020	Health equity in COVID-19 vaccine research: Lessons from the past/Lecture (virtual) Massachusetts Consortium on Pathogen Readiness, HMS
2020	Towards Equity in COVID-19 vaccine uptake Massachusetts Consortium on Pathogen Readiness, HMS
2020	Building Trust in COVID-19 Vaccines in Communities of Color in the US (virtual) HIV Online Provider Program (HOPE) Conference, MGH
2021	Recruiting for HIV Clinical Studies during COVID-19. Challenges and solutions. (virtual) Harvard Center for AIDS Research, HU CFAR
2021	COVID-19 and LGBTQIA+ Populations (virtual) National LGBTQIA+ Health Education Center The Fenway Institute
2021	COVID-19 and Vaccines (virtual)

National LGBTQIA+ Health Education Center
The Fenway Institute

- 2021 The State of COVID-19 Vaccines (virtual)
Grand Rounds: COVID-19 Vaccines: Trust Plus Access Equals Equity
HMS
- 2021 Building Local Leadership Career Paths/panelist (virtual)
Underrepresented in Medicine Retreat
BWH Department of Medicine
- 2021 Black Immigrants and Vaccine Hesitancy (virtual)
Grand Rounds
Harvard CFAR
- 2021 Preparing and Planning for an Equitable Response to the Next Pandemic (virtual)
Seminar Series
HGIH

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

Regional

- 2008 HIV and the African-American Community/plenary talk
New England Regional Black Nurses Conference, Providence, RI
- 2008 HIV Clinical Case Conference/invited presentation
New England AIDS Education and Training Center (NEAETC), Providence, RI
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education
- 2008 International AIDS Society: HIV Treatment Update/invited presentation
NEAETC, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education
- 2009 Disparities in HIV/AIDS: Where do we go from here?/invited presentation
NEAETC, Springfield, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education
- 2009 Addressing HIV/AIDS: One Community at a Time/invited presentation
Amherst College, Amherst, MA
- 2009 HIV Management/invited presentation
Boston Public Health Commission, Boston, MA
- 2009 Ensuring Continuity of Care for People Living with HIV/invited presentation
NEAETC, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

- 2010 What We Do and Don't Know About HIV in 2010/invited presentation
John Snow Research and Training Center World AIDS Day, Boston, MA

- 2010 Disparities in HIV/AIDS Prevalence and Outcomes/invited presentation
Dartmouth-Hitchcock Medical Center, Lebanon, NH

- 2010 Racial and Ethnic Disparities in HIV Care and Treatment/invited presentation
New England AIDS Education and Training, Taunton, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

- 2011 Women and HIV: Perspectives on Risk/invited presentation
AIDS Project Rhode Island, Providence, RI

- 2012 Immigration and HIV: Does Nativity Matter?/invited presentation
Warren Alpert-Brown University School of Medicine, Providence, RI

- 2012 Racial and Ethnic Disparities in HIV Care and Treatment/invited presentation
NEAETC, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

- 2013 Disparities in HIV: Have We Made Any Progress?/invited presentation
NEAETC, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

- 2013 Linkage and Retention in HIV Care for Communities of Color/invited presentation
Minority AIDS Initiative, Concord, RI

- 2014 HIV and Hepatitis C Treatment: What's New?/invited presentation
John Snow Research and Training Institute, Boston, MA

- 2017 HIV Prevention, Care and Treatment Updates/invited presentation
John Snow Research and Training Institute, Boston, MA

- 2018 Structural Barriers to Getting to Zero in the US/invited presentation
Boston Health Care for the Homeless, Boston, MA

- 2018 2018 Conference on Retroviruses and Opportunistic Infections Update/invited presentation
John Snow Research and Training Institute, Boston, MA

- 2018 Getting to Zero in the Domestic HIV Epidemic/invited presentation
Boston Public Health Commission Meeting, Boston, MA

- 2018 AIDS 2018 HIV Prevention Update/invited presentation
NEAETC Regional Meeting, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

- 2019 Women and HIV: Prevention, Care and Treatment Challenges/lecture
Tufts University School of Medicine, Boston, MA

- 2019 Pre-exposure Prophylaxis Research Updates/invited presentation

Massachusetts League of Community Health Centers, Boston, MA

2019 HIV in Immigrant Populations/invited presentation
National Alliance of State and Territorial AIDS Directors, Boston, MA

2019 Harvard Center for AIDS Research Initiatives/invited presentation
Boston Public Health Commission Collaboration Meeting, Boston, MA

2020 Towards Health Equity in the Domestic HIV Epidemic/invited
Massachusetts Infectious Disease Society, Boston, MA
This presentation was scheduled, but then postponed because of a Covid-19 travel/meeting ban.

2020 HIV Treatment Challenges among African Immigrants/Lecture
African Immigrant Health ECHO Program (virtual)
Multicultural AIDS Coalition, Boston, MA

2020 Perspectives on Stigma among African Immigrants Living with HIV/Lecture
African Immigrant Health ECHO Program (virtual)
Multicultural AIDS Coalition, Boston, MA

2020 African Immigrants: HIV-2, other STIs and PrEP/Lecture
African Immigrant Health ECHO Program
(virtual)

2020 Challenges to Achieving Health Equity in HIV: Lessons from CROI/invited presentation
(virtual)
NEAETC, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

2020 Structural Racism and Infectious Diseases: Are there Sustainable Solutions?/invited
presentation (virtual)
NEAETC, Boston, MA
CME offered by University of Massachusetts Medical School's Office of Continuing Medical Education

2020 Structural Inequity, Infectious Diseases and Sustainable Solutions/Grand Rounds (virtual)
Department of Medicine, Dartmouth-Hitchcock Medical Center, Lebanon, NH

2020 COVID-19 Vaccine Readiness/panelist (virtual)
Massachusetts League of Community Health Centers
Boston, MA

2021 COVID-19 Vaccine Equity (virtual)
Massachusetts State Legislative Testimony/panelist
Boston, MA

National

2005 Women and HIV/AIDS/invited presentation
Gilead Foundation, New York, NY

2005 HIV/AIDS and Health Research and Practice/invited presentation
Black AIDS Institute (BAI) Healthcare Provider Conference, Los Angeles, CA

2005	HIV/AIDS Treatment in South Africa/panel presentation United Nations, New York, NY
2006	HIV and the Black Community/invited presentation Black AIDS Institute (BAI) Healthcare Provider Conference, Washington, DC
2007	AIDS: The Evolution of an Epidemic/Lecture Series National Video Series, Howard Hughes Medical Institute, Chevy Chase, MD
2008	The Impact of Ethnicity on HIV/AIDS Care/Lecture National Minority AIDS and Education Training Center, Washington, DC
2010	Overcoming Challenges to Adhering to Care in HIV/Lecture Advanced Studies in Medicine New York, NY
2010	Addressing Adherence Challenges in HIV/Lecture Advanced Studies in Medicine, Miami, FL
2012	Emergency Planning for HIV Treatment/invited presentation American Society of Tropical Medicine and Hygiene Conference, Atlanta, GA
2012	Integration of PMTCT and MNCH in Tanzania/invited presentation Johns Snow Research and Training Institute Conference, Washington, DC
2013	Treatment, Viral Suppression and the Role of Community Based Organizations/Lecture Centers for Disease Control and Prevention Meeting, Atlanta, GA (virtual)
2014	Outcomes from the Ryan White HIV/AIDS Care Program/invited presentation Health Resources and Services Administration, Rockville, MD
2014	Adolescents and HIV Treatment Outcomes/invited presentation United States Agency on International Development (USAID), Washington, DC
2014	Adult and Pediatric Treatment: Findings from Melbourne/invited presentation John Snow Research and Training Institute, Washington, DC
2015	Cultural Norms, Stigma, and HIV Status Disclosure among/invited presentation Women living with HIV in Thailand, Brazil and Zambia, HIV Prevention Trials Network Meeting, Washington, DC
2015	Care and Treatment Challenges among African Immigrants/Lecture National AIDS Education and Training Center (virtual) Boston, MA
2016	Mass Incarceration and Economic Inequality: The Impact of The Criminal Justice System on HIV Prevalence in the US Infectious Disease Society of America/IDWeek, New Orleans, LA
2016	Getting to Zero in the Black Community in the US: Results from the National Survey on HIV in the Black Community (NSHBC)/Lecture (virtual) CFAR

2018	HIV in Immigrant Populations in the US/invited presentation National Medical Fellowships (virtual)
2018	Structural Determinants of Pre-Exposure Prophylaxis Use/invited presentation United States Conference on AIDS, Orlando, FL
2018	Pre-Exposure Prophylaxis for Primary Care Providers/Lecture Medscape, New York, NY (virtual)
2018	HIV Prevention Research and CROI 2018 Highlights Medscape New York City, NY(virtual)
2019	What Works in Youth HIV/invited presentation Department of Health and Human Services, Office of Adolescent Health Washington DC (virtual)
2019	HIV Prevention, Care and Treatment and Immigrants/invited presentation National Medical Fellowships New York City, NY (virtual)
2019	Childbearing and HIV Medscape New York City, NY (virtual)
2020	Ending the HIV Epidemic among Diverse Populations of Women Presidential Advisory Committee on HIV/AIDS Washington, DC
2020	African Immigrants and HIV/invited presentation/invited presentation Maryland Department of Health Baltimore, MD (virtual)
2020	The HIV Prevention Toolbox: Priorities for Patients and Providers/invited presentation Medscape New York City, NY (virtual)
2020	HIV and Aging Challenges/invited presentation National Synchronicity Conference Washington DC (virtual)
2020	Structural Racism and COVID-19/grand rounds Department of Public Health, Mount Sinai School of Medicine New York, NY (virtual)
2020	Structural Inequity, COVID-19 and Beyond/grand rounds Erie Community Health System Chicago, IL (virtual)
2020	Public Comment on Equity and COVID-19 Vaccines Vaccines and Related Biological Products Sub-Committee Food and Drug Administration (FDA) Washington DC (virtual) https://www.c-span.org/video/?507054-1/fda-holds-open-meeting-moderna-covid-19-vaccine-part-1&event=507054&playEvent

- 2021 From Research to Policy and Practice: Ending the HIV Epidemic among Black women in the US
RAND Corporation
Santa Monica, CA (virtual)
- 2021 Black Lives in the Era of COVID-19: Pandemic Vulnerability to Vaccine Inequity
Columbia University
New York, NY (virtual)
- 2021 Loud and Clear? The Changing Role of Public Health and Policy
Yale Healthcare Conference
New Haven, CT (virtual)
- 2021 Structural Racism and Medical Mistrust
LGBT Workforce Conference
NY Presbyterian - Weill Cornell Medical Center
New York, NY (virtual)
- 2021 Mistrust and Vaccine Uptake
Center for AIDS Prevention Studies (CAPS) Seminar
University of California, San Francisco
San Francisco, CA (virtual)

International

- 2003 Overview of HIV/AIDS Training Curriculum/invited presentation
National HIV/AIDS Department, Johannesburg, South Africa
- 2004 Antiretroviral Therapy Basics/Lecture
McCord Hospital, Durban, South Africa
- 2004 HIV Treatment 101/Lecture
Antiretroviral Therapy Roll-Out Conference, Eastern Cape, South Africa
- 2004 HIV Treatment Management/Lecture
Antiretroviral Therapy Roll-Out Team Meeting, Kwa-Zulu Natal, South Africa
- 2004 Harvard Initiatives in South Africa/invited presentation
Global AIDS Workshop, Hanoi, Vietnam
- 2006 Predictors of Mortality in Patients Initiating ART/Lecture
McCord Hospital, Durban, South Africa
- 2010 Emergency Planning for HIV Treatment Access in Uganda/invited presentation
XVIII International AIDS Society Meeting, Vienna, Austria
- 2012 Integration of PMTCT and MNCH in Tanzania/invited presentation
Tanzania Ministry of Health and United States Government Meeting, Dar es Salaam, Tanzania
- 2017 HIV in Women and PrEP- Updates from the International AIDS Society Meeting
2017/CME/Lecture
Medscape, Paris, France

2021 Combating Misinformation and Disinformation and COVID-19 Vaccines: A Clinician's Perspective
 Virology Education – Global Webinar (virtual)
 Amsterdam, Netherlands

Report of Clinical Activities and Innovations

Current Licensure and Certification

2007, 2017 Board Certified, American Board of Internal Medicine, Infectious Diseases
 2002, 2012 Board Certified, American Board of Internal Medicine

Practice Activities

2008-2021	Outpatient Clinic	Infectious Disease, MGH	8 hours per week
2014-2016	Inpatient Attending	Infectious Disease, MGH	60 hours per week/4 weeks per year
2018-2021	Inpatient Attending	Infectious Disease, BWH	60 hours per week/4 weeks per year
2021-	Inpatient Attending	Infectious Disease, BWH	60 hours per week/2 weeks per year
2021-	Outpatient Clinic	Infectious Disease, MGH	5 hours per week

Clinical Innovations

Developed clinical programming to increase uptake of HIV prevention for African immigrant women (2017-2021)

I developed an academic/community-based partnership with the Multicultural AIDS Coalition to improve clinical care for African women who have the highest HIV diagnosis of all Black individuals. The collaboration has led to a PCORI Addressing Disparities Award, which will determine the clinical effectiveness of two culturally adapted HIV prevention interventions in Boston and New York City. This is the largest clinical trial and the only known effort to design culturally and linguistically appropriate clinical programming for this high-risk group nationally. My work in this area has been presented nationally, most recently at the Presidential Advisory Committee on HIV/AIDS meeting in 2020.

Leadership in clinical care to overcome disparities (2010-2020)

Throughout my career, my goal has been to address racial and ethnic disparities through innovative care models and educational initiatives. As evidenced by numerous invitations to speak on this topic, I am a nationally recognized expert on HIV care for racial/ethnic minority populations. I have also effectively utilized community outreach and advocacy efforts to improve care for minorities and women with HIV. My academic writing examines and seeks to educate providers about these critically important issues at the intersection of medicine and policy. A highlight of my Clinical Innovation activities has been the development of clinical guidance for providers caring for people of color at risk for or living with HIV. I co-edited the first textbook to comprehensively address the unique needs of minority populations with Drs. Valerie E. Stone, M. Keith Rawlings, and Kimberly Y. Smith. I was invited by the publisher to co-edit a second edition, *HIV in US Communities of Color: Second Edition*, with Dr. Stone. The textbook received an overwhelmingly positive review by *The Lancet*

[https://www.thelancet.com/journals/laninf/article/PIIS1473-3099\(21\)00088-8/fulltext?rss=yes](https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(21)00088-8/fulltext?rss=yes)

I also Chair the first Diversity, Equity and Inclusion Committee within Infectious Disease Associates at Massachusetts General Hospital, the goal of which is to improve patient satisfaction, engagement and retention in care among diverse patients enrolled in care within the clinic.

Women's Peer Navigation Programming
Massachusetts General Hospital, Infectious Disease Associates Clinic
(2010-2012)

To improve retention in care and adherence to treatment I, along with Dr. Valerie Stone, developed a Peer Navigation Program for HIV positive women who are treated in the Infectious Disease Associates Clinic. The purpose of the program was to provide psychosocial support to at-risk female patients who we treat living with HIV and opportunistic infections. This effort was supported by AIDS Action Committee of Massachusetts and funded by Blue Cross/Blue Shield Foundation and led to an ongoing community-based peer support program at AAC.

Report of Teaching and Education Innovations

Developed international medical research fellowship program for medical students (Doris Duke International Research Fellowship for Medical Students) (2017-2019)

I developed the pilot for the Doris Duke International Research Fellowship for Medical Students in 2007 to provide research opportunities globally to medical students throughout the country with Dr. Lisa Hirschhorn, Professor of Medicine, Northwestern School of Medicine. The program was adopted at 7 sites nationally beginning in 2008. This program existed at HMS from 2007 to 2019.

African Immigrant (AI) Health Online Curriculum
(2019-2021)

I developed and co-directed an ECHO community of practice curriculum focused on African Immigrant Health with Chioma Nnaji Med MPH (Multicultural AIDS Coalition). Specific topics included pre-exposure prophylaxis, management of HIV-1 and HIV-2, adherence to antiretroviral therapy adherence, *Mycobacterium tuberculosis*, and other opportunistic infections.

Report of Education of Patients and Service to the Community

Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

Activities

1995-1999	Johns Hopkins Medical School Mentor Mentor to underrepresented minority high school students in the Baltimore area
1996	Johns Hopkins Medical School Voter Registration Drive/Co-leader
1997	East Baltimore Community Health Fair/Co-leader
2000-2002	Harlem United/Patient Education Coordinator Developed HIV/HCV curriculum
2007	Women of Color Roundtable Community Organization/Invited Speaker
2008	AIDS Action Committee/Invited Presenter HIV and Racial and Ethnic Disparities
2008	Boston Arts Center Theatre/Panelist HIV and Women Globally
2009	Boston Neighborhood Network (BNN)/Presenter One World/One Epidemic
2009	Boston Public Health Commission/Invited Speaker HIV Care and Treatment

2009	AIDS Action Committee/Invited Speaker HIV in Massachusetts
2009	National Women and Girls Day/Invited Speaker HIV and Women
2010	Africa Kabisa Radio Station/Panelist Discussed HIV in the African community
2011	Multicultural AIDS Coalition/Invited Speaker Black women and dual diagnosis (HIV and mental health disorders)
2012	Multicultural AIDS Coalition/Invited Speaker Women and HIV
2013	Massachusetts State House Briefing/Invited Speaker HIV and Massachusetts: Update on Disparities in Care
2015	Massachusetts Department of Public Health/Invited Speaker National Women and Girls Day: HIV Prevention Update
2015	Cambridge State House Briefing /Invited Speaker Pre-Exposure Prophylaxis
2016	Community Leadership Meeting/Invited Speaker Updates on HIV among Black and Latino Individuals Living in the US
2016	The Massachusetts Department of Public Health/Invited Speaker National Women and Girl's Day
2016	Community Leadership Meeting/Invited Speaker Updates on HIV among Black and Latino Individuals Living in the US
2016	Justice Resource Institute, Boston GLASS (Gay and Lesbian Adolescent Social Services)/Lecture Pre-Exposure Prophylaxis for the Prevention of HIV in Adolescents and Young Adults
2018	Boston Public Health Commission/Invited Speaker Getting to Zero in the Domestic HIV Epidemic
2018	Bayard Rustin Civil Rights Celebration/Keynote Speaker Health Equity and HIV
2018	Black Ministerial Alliance/Keynote Speaker Addressing Challenges to Ending the HIV Epidemic in Communities of Color
2019	Boston Public Health Commission/Invited Speaker Harvard Center for AIDS Research Initiatives
2019	Harvard University Center for AIDS Research/Panelist World AIDS Day Event
2019	HIV, Research Mistrust and the Black Community
2019	AIDS Action Committee/ The Fenway Institute/Invited Speaker HIV Care and Treatment Update, Getting to Zero Fellowship
2019	AIDS Action Committee/ The Fenway Institute, Invited Speaker HIV and Immigrant Population, Getting to Zero Fellowship
2019	Harvard University Center for AIDS Research, Faculty Presentation HIV Prevention among African Immigrant Women: Research Overview
2019	Justice Resource Institute, Clinical Advisor
2020	HIV care and treatment during COVID-19/Invited Panelist Black AIDS Institute, Southern AIDS Coalition
2020	Conversations on COVID-19 with the Black Community/Invited Panelist Black AIDS Institute, Southern AIDS Coalition
2020	Race and Place: Is COVID-19 a Black Disease/Invited Panelist Black AIDS Institute, Southern AIDS Coalition
2020	Sex During COVID-19/Invited Panelist Black AIDS Institute, Southern AIDS Coalition
2020	Community Engagement and COVID-19/Invited Panelist Black AIDS Institute, Southern AIDS Coalition
2020	COVID-19 Vaccine Engagement Town Hall/Invited Panelist Black Boston COVID Coalition

2021	Post-COVID Syndrome and Disparities/Invited Panelist Alpha Kappa Alpha Regional Meeting
2021	Vaccine Confidence in the Black Community/Invited Panelist Brockton NAACP
2021	COVID Vaccine: A change of mind Roxbury Presbyterian Church

Educational Material for Patients and the Lay Community

Curricula Developed for Non-Professional Students

1999	Patient HIV/Hepatitis C Education Curriculum	Author	Harlem United Community Based Organization New York, NY
2007	AIDS: Evolution of an Epidemic	Co-Author	Howard Hughes Medical Institute

Patient Education Materials

2019	SHERO Talks Web Series on Transgender Health	Co-Producer	Multicultural AIDS Coalition, Harvard Center for AIDS Research
2020	Conversations on COVID Web Series with the Black Community web series	Co-Developer and Clinical Expert	Harvard Center for AIDS Research, Black AIDS Institute (BAI), Southern AIDS Coalition
2021	Your COVID-19 Vaccine Questions Answered w/Harvard School of Public Health Professor, Dr. Bisola Ojikutu	Expert Interview	Harvard School of Public Health
2021	COVID-19 Information Series - https://protectedtogether.org/when-am-i-protected%3F	Expert Commentator	National Library of Medicine, Massachusetts Health Council, CVS Caremark

Articles in newspapers or magazines

2013	HIV Testing Sites and Care Services Locator - A Tool for Clinicians	HIV.gov	https://www.hiv.gov/blog/hiv-testing-sites-and-care-services-locator-a-tool-for-clinicians
2020	Calling out Racism as the Root Cause of Health Disparities Must Be the New Status Quo	Medium.com	https://medium.com/@JSIhealth/calling-out-racism-as-the-root-cause-of-health-disparities-must-be-the-new-status-quo-edbce11a307c
2020	Covid-19 vaccine research must involve Black and Latinx participants.	STATNews.com Op-ed	https://www.statnews.com/2020/06/26/covid-19-vaccine-trials-must-include-black-and-latinx-participants/

Here are 4
ways to make
that happen

- | | | | |
|------|---|------------------------------|---|
| 2020 | A covid-19 vaccine can ensure better outcomes for communities of color. Let's work to earn their trust. | <i>Washington Post</i> Op-ed | https://www.washingtonpost.com/opinions/2020/07/26/covid-19-vaccine-can-ensure-better-outcomes-communities-color-lets-work-earn-their-trust/ |
|------|---|------------------------------|---|

Recognition

- | | | |
|------|--|---|
| 2009 | Community Leadership Award | Women of Color Roundtable
(organization of female leaders in advocacy and public health in Massachusetts) |
| 2011 | AIDS at 30: Hard Lessons and Hope (Interview) | Harvard Public Health Review (Spring-Summer Issue)
https://www.hsph.harvard.edu/news/magazine/aids-30-roundtable/ |
| 2012 | World AIDS Day discussion (Interview) | WGBH Radio |
| 2014 | Hero in Action Award | AIDS Action Committee
<i>Awarded for contributions in HIV/AIDS nationally and internationally</i> |
| 2014 | Conversations from AIDS 2014 (Interview) | https://www.hiv.gov/blog/conversations-from-aids-2014-practitioner-bisola-ojikutu-m-d-mph (July 25, 2014) |
| 2015 | State's steps to control HIV seen as model for nation (Interview) | Boston Globe
https://www.bostonglobe.com/metro/2015/01/15/massachusetts-residents-with-hiv-twice-likely-have-illness-under-control/4mhlp5hdBAthDyh4wckbZM/story.html
(January 15, 2015) |
| 2017 | Community Hero Award | Action for Boston Community Development (ABCD) |
| 2018 | Vu Q&A: Dr. Bisola Ojikutu on the Barriers to PrEP Use Among African Americans (Interview) | AIDSVu
https://aidsvu.org/ojikutu/ |
| 2020 | Encyclopedia.com Entry | https://www.encyclopedia.com/education/news-wires-white-papers-and-books/ojikutu-bisola |
| 2020 | The pandemic could result in a surge of HIV infections in Boston (Interview) | Boston Magazine
https://www.bostonmagazine.com/health/2020/07/09/hiv-infection-surge-coronavirus/ (July 9, 2020) |

2020	Racial disparities and ensuring access to COVID-19 vaccines (Interview)	BBC World News
2020	Experts worry that a COVID-19 vaccine won't help if not enough people are willing to get it (Interview)	USA Today https://www.usatoday.com/story/news/health/2020/08/13/covid-vaccine-hesitancy-ending-coronavirus-pandemic/5529638002/ (August 13, 2020)
2020	Why should we trust you? Black Americans, hardest hit by COVID-19, are most skeptical of potential vaccines (Interview)	Boston Globe https://www.bostonglobe.com/2020/08/18/nation/why-should-we-trust-you-black-americans-hardest-hit-by-covid-19-are-most-skeptical-potential-vaccines/ (August 18, 2020)
2020	In vaccine trial, researchers struggle to ensure diversity of study subjects (Interview)	WGBH https://www.wgbh.org/news/local-news/2020/09/07/in-vaccine-trial-researchers-struggle-to-ensure-diversity-of-study-subjects (September 7, 2020)
2020	GWU's covid-19 clinical trial has met one early goal — getting Black and Latino people to join (Interview)	Washington Post https://www.washingtonpost.com/local/blacks-covid-clinical-trial/2020/09/11/4c5d5ed8-f484-11ea-b796-2dd09962649c_story.html (September 13, 2020)
		Philadelphia Inquirer https://www.inquirer.com/health/coronavirus/vaccine-trials-call-black-latino-people-20200913.html (September 13, 2020)
2020	'There's a big obstacle looming for coronavirus vaccines — a strong antivaccine movement(interview)	Boston Globe https://www.bostonglobe.com/2020/11/28/nation/theres-big-obstacle-looming-coronavirus-vaccines-stronger-antivaccine-movement/ (November 28, 2020)
2020	Long-lasting shots work better than daily pills to prevent HIV in at-risk women (interview)	Science News https://www.sciencenews.org/article/hiv-prevention-women-prep-truvada-pill-shot (December 1, 2020)
2020	Battered by COVID but skeptical of vaccinations (interview)	https://www.pbs.org/newshour/show/battered-by-covid-19-but-skeptical-of-vaccinations (December 17, 2020)
2020	FDA advisory panel votes to recommend Moderna vaccine for emergency use (interview)	Boston Globe https://www.bostonglobe.com/2020/12/17/metro/fda-advisory-panel-considers-moderna-vaccine-covid-19/ (December 17, 2020)
2020	Vaccinating Black Americans is essential. Key	https://www.propublica.org/article/vaccinating-black-americans (December 18, 2020)

	states aren't doing the work to combat hesitancy (interview)	Rolling Stone https://www.rollingstone.com/culture/culture-news/covid-vaccine-black-americans-1107657/ (December 24, 2020)
2021	In Suffolk County, Black and Latino residents face stark disparities in vaccine access(interview)	Boston Globe https://www.bostonglobe.com/2021/01/23/nation/suffolk-county-black-latino-residents-face-stark-disparities-vaccine-access/ (January 23, 2021)
2021	CityLine: Views on the Covid-19 vaccine (interview)	WCVB https://www.wcvb.com/article/cityline-sunday-jan-24-2021-views-on-the-covid-19-vaccine/35280653# (January 24, 2021)
2021	Public Health Commissioner Addresses Equity Concerns in Vaccine Plan (interview)	National Public Radio (NPR): Connecticut https://www.wnpr.org/post/public-health-commissioner-addresses-equity-concerns-vaccine-plan (February 25, 2021)
2021	Testimony to: Legislative Hearing: Joint Committee on COVID-19 and Emergency Preparedness and Management (testimony)	NBCBoston https://www.nbcboston.com/news/local/baker-head-of-mass-vaccine-site-to-testify-first-in-covid-vaccine-rollout-hearing/2311967/ Boston Herald https://www.bostonherald.com/2021/02/25/live-charlie-baker-prepmo-creator-testify-on-massachusetts-coronavirus-vaccine-rollout/ (February 25, 2021)
2021	Democrats Aggressively Grill Baker On COVID Vaccine Rollout (interview)	WGBH https://www.wgbh.org/news/local-news/2021/02/25/democrats-aggressively-grill-baker-on-covid-vaccine-rollout (February 25, 2021)
2021	Deploying to a Hesitant Community Near You: "Trusted Messengers" (interview)	WGBH https://www.wgbh.org/news/local-news/2021/03/04/deploying-to-a-hesitant-community-near-you-trusted-messengers (March 4, 2021)
2021	The Coronavirus Exposes America's Public Health Crisis: Racism (interview)	WGBH https://forum-network.org/lectures/coronavirus-exposes-americas-public-health-crisis-racism/ (February 10, 2021)
2021	Harvard's Hospitals Have the Covid-19 Vaccines. Distributing Them Equitably Has Been Complicated. (interview)	Harvard Crimson https://www.thecrimson.com/article/2021/3/10/covid-vaccine-distribution-equity/ (March 8, 2021)
2021	Study identifies COVID-19 vaccine inequity in Massachusetts (interview)	News-Medical.Net https://www.news-medical.net/news/20210419/Study-identifies-COVID-19-vaccine-inequity-in-Massachusetts.aspx

		(April 19, 2021)
2021	In COVID Vaccine Data LBTQ People Fear Invisibility (interview)	New York Times https://www.nytimes.com/2021/05/07/health/coronavirus-lgbtq.html (May 7, 2021)
2021	Rebuilding trust in healthcare among communities of color (interview)	Boston Globe https://rebuildingtrustinhealthcare.splashthat.com (May 20, 2021)
2021	Building trust in COVID-19 vaccines in communities of color through community investment (interview)	Social Impact Review https://sir.advancedleadership.harvard.edu/news/building-trust-covid-19-vaccines-communities-color-through-community-investment (June 2, 2021)
2021	Boston Public Health Commission appoints new executive director (interview)	Boston Herald https://www.bostonherald.com/2021/07/02/boston-public-health-commission-appoints-new-executive-director/ (July 2, 2021)
2021	Janey rolls out ban on evictions (interview)	The Bay State Banner https://www.baystatebanner.com/2021/09/09/janey-rolls-out-ban-on-evictions/ (September 9, 2021)
2021	Mayor-elect Michelle Wu names first Cabinet appointees, with focus on Mass. and Cass (interview)	Boston Globe https://www.bostonglobe.com/2021/11/10/metro/mayor-elect-michelle-wu-names-first-cabinet-appointees/ (November 10, 2021)

Report of Scholarship

Research investigations

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Jan; 27(1):45-54.

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8. Makadzange AT, Higgins-Biddle M, Chimukangara B, Birri R, Gordon M, Mahlanza T, McHugh G, Van Dijk JH, Bwakura-Danarembizi M, Ndung'u T, Masimirembwa C, Phelps B, Amzel A, **Ojikutu BO**, Walker BD, Ndhlovu CE. Clinical, virologic, immunologic outcomes and emerging HIV drug resistance patterns in children and adolescents in public ART care in Zimbabwe. *PLOS One*. 2015 Dec 14;10(12):e0144057.
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12. **Ojikutu BO**, Bogart LM, Klein D, Galvin F, Wagner G. Neighborhood crime and sexual behavior among Black men living with HIV. *J Health Care Poor Underserved*. 2018;29(1):383-99.
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Narrative Report

I am an Associate Physician within the Division of Global Health Equity and the Division of Infectious Diseases at BWH, and an Associate Professor (part-time) at HMS. My area of excellence is Clinical Expertise and Innovation and my significant supporting activities are Investigation and Education of Patients and Service to the Community. The focus of my clinical research and community service activities has been achieving health equity and developing strategies to provide the highest quality care to vulnerable populations, both domestically and internationally.

I have dedicated my career to overcoming racial and ethnic disparities in access to HIV prevention and treatment, providing outpatient care for patients living with HIV, serving on the inpatient ID consult team, and mentoring medical students, residents and fellows. As an established national leader in HIV care and treatment among populations who have been historically underserved, I have led and served as faculty advisor for numerous efforts to address HIV-related disparities, particularly among Black women and immigrant populations. I have also developed enduring clinical materials to overcome racial and ethnic disparities, a highlight of which is a two-part series of textbooks, *HIV in U.S. Communities of Color*, which I co-edited with Dr. Valerie Stone and colleagues. The first edition was published in 2009 and the second in 2020.

In recognition of my clinical expertise in HIV clinical care, I was asked to lead the Comprehensive Care Committee for the Massachusetts Getting to Zero HIV Initiative and co-authored the initial statewide plan to address HIV epidemic. I currently lead treatment activities for our state's Ending the HIV Epidemic Steering Committee. These activities have coincided with my serving as a Clinical Advisor to federal HRSA/HIV/AIDS Bureau programs to ensure quality care and identify best practices and strategies for people living with HIV. I am a sought-after local and national speaker on achieving health equity in HIV and was recently invited to present before the Presidential Advisory Committee on HIV/AIDS. My work to achieve health equity has been inclusive of efforts to overcome discrimination based on sexual orientation and gender identity. To that end, I am a faculty advisor for the National LGBTQIA Health Education Center and served on the Board of Advisors for Fenway Health.

My expertise in clinical innovation is coupled with and augmented by my significant supporting activity of investigation. I served as co-PI of the National Survey on HIV in the Black Community (NSHBC), which was designed to determine the complex drivers of HIV disparities. These data supported the aims of my K23 Career Development Award, which focused on structural barriers to PrEP uptake among Black individuals. I was also PI of a BWH Department of Medicine funded study, supported by my primary division, the Division of Global Health Equity, to determine structural barriers to PrEP access within our hospital system. I was recently awarded a Patient Centered Outcomes Research Institute (PCORI) Addressing Disparities Grant focused on developing interventions to increase HIV prevention among Black women nationwide. As Associate Director of the Biobehavioral and Community Science Core within the Harvard University Center for AIDS Research (HU CFAR), I have also provided mentorship for junior faculty interested in HIV-related health disparities research.

I have devoted significant effort to community service and public health leadership, and thus have an additional significant supporting activity of education of patients and service to the community. As the recently appointed Executive Director of the Boston Public Health Commission, I am working to establish collaborative partnerships with community organizations to address the ongoing COVID-19 pandemic, promote evidence-based programming to address racism and a public health crisis and implement long term strategies to meet the needs of individuals experiencing substance use disorder, mental health

disorders and homelessness throughout the city of Boston. These efforts will require the development of stronger partnerships with the academic centers throughout Boston. My goal is to create better cross sector alignment between public health, academia and vulnerable communities throughout the city.

My contributions in teaching and education have focused on fellows, residents and medical students. Early in my career, I developed infrastructure in South Africa that served as the basis for many future infectious disease fellows' careers, and designed a national training curriculum for local clinicians. As Director of the Office of International Programs at Harvard Medical School, I was the inaugural Director of the Doris Duke International Research Fellowship for Medical Students (2007-2019), developed curricula for the fellowship program and mentored many of the fellows. I currently teach infectious disease fellows, internal medicine residents and medical students rotating on the infectious disease consult service at BWH for 4 weeks per year. I also precept internal medicine residents for 5 hours per week in the Infectious Disease Outpatient Practice at MGH through the ambulatory subspecialty rotation. Many of my mentees have developed successful clinical and research careers in academia. My hope is to continue to train and inspire students and trainees to pursue careers focused on addressing inequity in healthcare.

ATTACHMENT 2

Dr. Ojikutu Press Statements from December 20, 2021

Good morning and thank you Mayor Wu for your leadership. I would like to describe why the City is implementing a **multilayered, comprehensive strategy** to address COVID-19 that includes the requirement for proof of vaccination for certain indoor spaces, the “B Together Initiative”.

Boston is currently experiencing a surge in COVID-19 cases. New positive cases in our city have increased almost 90% compared to two weeks ago, and we are now averaging 369 new cases per day. Our most recent citywide positivity rate is 6.7%.

Hospitalizations are also increasing, and frankly our hospital resources are stretched thin. On average, 229 adults are hospitalized with COVID per day in Boston. This is more than 60% higher than two weeks ago. Among those who are hospitalized in with COVID-19, an estimated two thirds are unvaccinated.

On December 15th, the Boston Public Health Commission announced the identification of the first three confirmed cases of the omicron variant in Boston. Based upon what we know regarding the *extremely high transmissibility* of this variant, we anticipate that our case numbers in Boston will rise significantly in January. **That is why the B Together Initiative is critical to protect our residents and our city.**

The sheer number of cases that we anticipate **WILL** have a severe impact on our health care system. As mentioned our hospitals are already overwhelmed - As of last week, all Boston hospitals are now restricting non-urgent procedures. Our state department of public health released additional guidance to hospitals that requires them to reduce non-urgent procedures by 50% .

What do we need to do to protect Boston residents and preserve our hospital resources?

We have effective tools at our disposal – First and foremost, COVID-19 vaccines. Available data indicate that vaccination with boosting increases immunity and provides significant cross protection to the variants that have emerged to date, *including omicron. Critically*, the data indicate that vaccination will decrease the risk of severe hospitalization and death from COVID-19.

Unfortunately, in recent weeks, the number of Bostonians who have been newly vaccinated has stagnated. As of December 14th, 79% of Boston residents have received one dose of a COVID-19 vaccine and 68% are fully vaccinated. Only **31%** of Bostonians who are fully vaccinated have been boosted. Among 5-11 year olds, only **30%** have received their first dose of vaccine.

Significant racial and ethnic disparities persist, particularly among our youngest populations and among those who have been boosted.

We can and we must do better than this. This is why we are implementing the B together initiative. Indoor vaccine mandates, and mandates in general, increase vaccination rates. After New York City implemented its indoor vaccine mandate, known as the *Key to NYC* program, city wide vaccinations increased by 9% in just one month, and the number of doses administered has risen steadily since implementation. **Though the policy that will be implemented here in Boston does not currently include boosters,** we see this a step to encourage new vaccination uptake and we will adjust the policy as needed when the definition of fully vaccination changes.

Along with this new policy we must increase vaccination access. Everyone in Boston who wants to be vaccinated or boosted must be able to get one. If you are unable to access a vaccine appointment through local pharmacies or hospitals, we

strongly encourage you to access our family friendly clinic sites offering 1st and 2nd doses for 5 and up as well as booster doses.

This week, there are family clinic sites available for walk-in throughout the city. Through the end of December and January we will ALSO continue to operate higher-capacity, community-based vaccination sites, **including at the Tobin Community Center, at the Vine Street Community Center, Melnea Cass Recreational Complex, and City Hall.**

In addition, at least **6 NEW sites** will open throughout the city of Boston in collaboration with the state. All of these site locations, days and times will be available this week via boston.gov, 311 and the Mayor's Health Line.

As you are probably already aware, the state also plans to open Fenway Park to increase vaccine access in January, and we will

be working with them to ensure residents from across the city have access to this site.

Increasing 5-11 vaccine access at schools is also critical to address known disparities, therefore, 24 on-site school clinics are scheduled for Boston Public Schools through February 2022, during which 1st doses, 2nd doses and boosters can be obtained – and more are being scheduled. Please get your child vaccinated at one of the publicly available sites.

While we are increasing supply, **we must also increase demand**. This past Saturday we held a high-capacity vaccine clinic and we vaccinated 649 people, but we had the capacity to vaccinate 800. We believe that the **B Together Initiative** will increase demand for vaccination, and we will be ready to meet this increased demand.

Bracing for a new variant and dealing with a winter surge is certainly not what we had hoped for. Though we are tired and we are frustrated we must continue to press forward to protect the health and wellbeing of ourselves, our families and our communities. Please remember that all of our prevention strategies are important – continue to wear masks indoors, wash your hands frequently, monitor yourself and your children for symptoms, get tested, get vaccinated, get boosted and **we will get through this together.**

Thank you
