

BIOGRAPHICAL SKETCH

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NAME: John Olajide OLAWEPO

eRA COMMONS USER NAME (credential, e.g., agency login): JOLAWEPO

POSITION TITLE: Senior Research Fellow, Center for Translation and Implementation Research, University of Nigeria, Nsukka; Assistant Clinical Professor, Northeastern University, Boston, USA.

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Ilorin, Nigeria	MBBS	02/2008	Medicine & Surgery
University of London, United Kingdom	MSc	11/2014	Public Health (Health Services Management)
University of Washington, USA	Certificate	08/2018	Implementation Science
University of Nevada Las Vegas, USA	PhD	05/2020	Public Health (Global Health)

A. Personal Statement

I received my medical training in Nigeria and my postgraduate training in Public Health from the United Kingdom and the United States. I have subsequently focused my career on integrating chronic disease care into HIV programs in low- and middle-income countries (LMICs). I am the PI for a pilot grant exploring the effect of community- and incentive-based approaches on the demand for sickle cell disease newborn screening in Nigeria. I previously served as the Program Lead on a five-year CDC-funded HIV care and treatment program (SUSTAIN [U2GGH000934]) across 13 states in Nigeria that screened over 266,000 women for HIV and linked 15,000 women identified with HIV to treatment. I served on the PMTCT National Task Team where we adapted the WHO HIV guidelines for national roll-out in Nigeria. As my career moved from program to research, I became the research manager for two NIH funded projects and subsequently became a co-investigator on a supplement grant from NIH, the Men's Club [R01HD087994-01S1] designed to determine the impact of Men's Club intervention on male partner's knowledge of infant feeding options and intent to support their female partners on initiation and maintenance of exclusive breastfeeding. I currently co-lead the Nigeria Implementation Science Alliance (NISA) Model Innovation and Research Centers (NISA-MIRCs). This practice-based research network of 21 high-volume comprehensive treatment centers across the 6 geopolitical zones in Nigeria serves as implementation laboratories to test new strategies to improve health outcomes. On this grant, I will work with the PI Dr Ezeanolue and bring my program and research experience to lead NISA-SOAR Research Project-1 and the Implementation Laboratory to support the training of clinician and implementation practitioners in skills they need to design, implement and measure cancer prevention and control program effectiveness.

Ongoing and recently completed projects that I would like to highlight include:

Advancing Health Equity Pilot Project Award Olawepo (PI)

07/01/2021 - 06/30/2023

Awarded by the Institute of Health Equity and Social Justice Research (IHESJR) at Northeastern University, USA, this grant is a pilot study to evaluate the effect of community- and incentive-based approaches on the demand for sickle cell disease newborn screening in Nigeria.

3R01HD087994 (NICHD)

Ezeanolue & Onoka (MPI)

09/02/2016 - 03/31/2018

Men's Club: Impact of male partner involvement on initiation and sustainment of exclusive breastfeeding among HIV-infected postpartum women

The purpose of this study was to assess the comparative effectiveness of Men's Club as an intervention group compared to the control group on the initiation and sustainment of exclusive breast feeding.

Role: Co-Investigator

R01HD087994 (NICHD)

Ezeanolue & Onoka (MPI)

05/01/2016 - 02/31/2018

Intervention for Sustained Testing and Retention (iSTAR) among HIV-infected patients

The purpose of this study was to evaluate the comparative effectiveness of congregation, clinic, and integrated case management-based intervention for sustainable testing and retention for linkage to care, engagement, retention and viral load suppression of women and children infected with HIV.

Role: Research Manager

R21TW010252 (NIH/Fogarty International Center)

Ezeanolue (PI)

09/01/2015 - 08/30/2017

Point-of-Delivery Prenatal Test Results through mHealth to Improve Birth Outcome

The purpose of this study was to develop and evaluate a mobile health platform that includes a database, smart card, and cell phone application to make maternal prenatal laboratory test result available at the point of delivery.

Role: Research Manager

Citations:

1. **Olawepo, J.O.**, Ezeanolue, E.E., Ekenna, A., Ogunsola, O.O., Itanyi, I.U., Jedy-Agba, E., Egbo, E., Onwuchekwa, C., Ezeonu, A., Ajibola, A., Olakunde, B.O., Majekodunmi, O., Ogidi, A.G., Chukwuorji, J., Lasebikan, N., Dakum, P., Okonkwo, P., Oyeledun, B., Oko, J., Khamofu, H., Ikpeazu, A., Nwokwu, U.E., Aliyu, G., Shittu, O., Rositch, A.F., Powell, B.J., Conserve, D., Aarons, G., Olutola, A. Building a national framework for multicenter research and clinical trials in Nigeria: Experience from the Nigeria Implementation Science Alliance. *BMJ Glob Health.*, 7:e008241. PMID: PMC9024272.
2. Gbadamosi, S.O., Eze, C., **Olawepo, J.O.**, Iwelunmor, J., Sarpong, D.F., Ogidi, A.G., Patel, D., Oko, J.O., Onoka, C., & Ezeanolue, E.E. (2018). A patient-held smartcard with a unique identifier and mHealth platform to improve the availability of prenatal test results in rural Nigeria: Demonstration study. *Journal of Medical Internet Research*, 20(1), e18. PMID: PMC5789164.
3. Ihekuna, D., Rosenburg, N., Menson, W.N-A, Gbadamosi, S.O., **Olawepo, J.O.**, Chike-Okoli, A., Cross, C., Onoka, C., & Ezeanolue, E.E. (2017). Male partner involvement on initiation and sustainment of exclusive breastfeeding among HIV-infected post-partum women: Study protocol for a randomized controlled trial. *Maternal and Child Nutrition*, 14(2), e12545. PMID: PMC5867189.
4. Gbadamosi, S.O., Itanyi, I.U., Menson, W.N.A., **Olawepo, J.O.**, Bruno, T., Ogidi, A.G., Patel, D.V., Oko, J., Onoka, A.O., & Ezeanolue, E.E. (2019). Targeted HIV testing for male partners of HIV positive pregnant women in a high prevalence setting in Nigeria. *PLoS ONE*, 14(1), e0211022. PMID: PMC6353157.

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments

2022 - Date	Senior Research Fellow, Senior Research Fellow, Center for Translation and Implementation Research (CTAIR), University of Nigeria, Nsukka
2020 - Date	Assistant Clinical Professor in Global Health, Northeastern University, Boston, USA
2020 - Date	Faculty Scholar, Institute of Health Equity and Social Justice Research, Northeastern University, USA
2022 - Date	Member, International Society of Global Health (ISoGH)
2019 - 2020	Part-Time Instructor, School of Public Health, University of Nevada Las Vegas, USA
2018 - Date	Member, Consortium of Universities in Global Health (CUGH)
2018 - Date	Member, American Public Health Association (APHA)
2017 - 2019	Research Assistant, School of Public Health, University of Nevada Las Vegas, USA
2017 - Date	Member, International AIDS Society (IAS)

2016 - 2017	Research Manager, Caritas Nigeria (iSTAR study and mHealth study)
2016 - 2019	Certified Specialist, American Academy of HIV Medicine
2015 - Date	Certified Project Management Professional, Project Management Institute, USA
2013 - 2017	Program Lead for Prevention of Mother-To-Child-Transmission of HIV, Caritas Nigeria
2011 - 2013	Clinical Specialist, Management Sciences for Health, Nigeria
2010 - 2011	Medical Officer, Ahmadiyya Hospital, Kano, Nigeria
2009 - 2010	Volunteer Physician, ProHealth International, Nigeria
2008 - 2009	Medical Intern, National Hospital Abuja, Nigeria
2008 - Date	Member, Nigeria Medical Association

Honors

2020	Outstanding Graduate Student Award, University of Nevada Las Vegas (UNLV), USA
2020	Outstanding PhD Dissertation Award, School of Public Health, UNLV
2019	President's UNLV Foundation Graduate Research Fellowship, UNLV
2018	Summer Doctoral Research Fellowship, UNLV
2017	International AIDS Society (IAS) Educational Fund Scholarship to attend the 9th IAS Conference on HIV Science (Paris, France)

C. Contributions to Science

1. **Focused research on health systems and policy, and implementation research approaches within fragmented health systems in resource-constrained settings.** Significant health system challenges such as continued donor dependence, challenges with integrating quality improvement tools into health settings, poor referral systems, and poor health preparedness systems have limited the achievement of health goals in many LMICs. Our research focuses on understanding and proposing solutions to these contextual challenges.

- a. Eboreime, E. A., **Olawepo, J. O.**, Banke-Thomas, A., & Ramaswamy, R. (2021). Evaluating the design and implementation fidelity of an adapted Plan-Do-Study-Act approach to improve health system performance in a Nigerian state. *Eval Program Plann*, 84:101876. <https://doi.org/10.1016/j.evalprogplan.2020.101876>. PMID: 33212424.
- b. Eboreime, E.A., **Olawepo, J.O.**, Banke-Thomas, A., Abejirinde, I.O., & Abimbola, S. (2020). Appraising and addressing design and implementation failure in global health: A pragmatic framework. *Glob Public Health*,16(7):1122-1130. doi: 10.1080/17441692.2020.1814379. PMID: 32896213.
- c. Olakunde, B.O., Adeyinka, D.A., Ozigbu, C.E., Ogundipe, T, Menson, W.N.A, **Olawepo, J.O.**, Olakunde, O.A., & Ezeanolue, E.E. (2019). Revisiting aid dependency for HIV programs in sub-Saharan Africa. *Public Health*, 170, 57-60. PMID: 30933882.
- d. Abayomi, A., Balogun, M.R., Bankole, M., Banke-Thomas, A., Mutiu, B., **Olawepo, J.O.**, Senjobi, M., Odukoya, O., Aladetuyi, L., Ejekam, C., Folarin, A., Emmanuel, M., Amodu, F., Ologun, A., Olusanya, A., Bakare, M., Alabi, A., Abdus-Salam, I., Erinosh, E., Bowale, A., Omilabu, S., Saka, B., Osibogun, A., Wright, O., Idris, J., & Ogunsola, F. (2021). From Ebola to COVID-19: Emergency preparedness and response plans and actions in Lagos, Nigeria. *Globalization and Health*, 17(1), 79. <https://doi.org/10.1186/s12992-021-00728-x>. PMID: PMC8267235.

2. **Focused research to understand and propose innovative solutions to integrate chronic disease care within low- and middle-income countries.** People living with HIV (PLWH) are aging and developing chronic diseases and co-morbidities. As a physician-scientist my research has sought to understand the effects of these multi-morbidities on health outcomes for PLWH.

- a. **Olawepo, J.O.**, Pharr, J.R., Cross, C.L., Kachen, A., Olakunde, B.O., & Sy, F.S. (2020). Changes in body mass index among people living with HIV who are new on highly active antiretroviral therapy: A systematic review and meta-analysis. *AIDS Care*, 33(3), 326-336. PMID: 32460518.
- b. **Olawepo, J.O.**, Pharr, J.R., Cross, C.L., Olakunde, B.O., Aniekwe, C., Niyang, M., Kabir, R., & Olutola, A. (2021). Changes in body mass index among antiretroviral therapy naïve people living with HIV in Nigeria. *Global Journal of Health Science*, 13(6). doi:10.5539/gjhs.v13n6p14

- c. **Olawepo, J.O.**, Pharr, J.R., Kabir, R., & Olutola, A. (2021). Healthcare providers' perceptions of overweight and obesity among people living with HIV in Nigeria: A qualitative assessment. *Qualitative Health Research*. PMID: 34166140.
 - d. Batra, K., Pharr, J., **Olawepo, J.O.**, & Cruz, P. (2020). Understanding the multidimensional trajectory of psycho-social maternal risk factors causing preterm birth: A systematic review. *Asian Journal of Psychiatry*. <https://doi.org/10.1016/j.ajp.2020.102436>
3. **Research to identify interventions that support optimal outcomes for people going through the HIV continuum of care.** My research aims to identify a community-based intervention that supports women and their male partners through the HIV continuum of care to achieve the global UNAIDS 95-95-95 goal.
- a. **Olawepo, J.O.**, Pharr, J.R., & Kachen, A. (2018). The use of social marketing campaigns to increase HIV testing: A systematic review. *AIDS Care*, 31(2), 153-162. PMID: 30304940
 - b. Olakunde, B.O., Adeyinka, D.A., **Olawepo, J.O.**, Pharr, J.R., Ozigbu, C.E., Wakdok, S., Oladele, T., & Ezeanolue, E.E. (2019). Towards the elimination of mother-to-child transmission of HIV in Nigeria: a health system perspective of the achievements and challenges. *Int Health.*, 11(4):240-249. doi: 10.1093/inthealth/ihz018. PMID: 31028402.
 - c. Olakunde, B.O., Adeyinka, D.A., **Olawepo, J.O.**, & Pharr, J.R. (2019). HIV testing among men in Nigeria: Comparative analysis between young people and adults. *AIDS Care*, 32(2), 155-162. PMID: 31137949.
4. **Development and roll-out of technology-for-health platforms to support timely and seamless delivery of healthcare within vulnerable and key populations.** Availability of timely and accurate healthcare data is still a challenge in many LMICs. My research explores development and implementation of mobile health interventions that make patient health records easily accessible at the point-of-care using multiple technology platforms.
- a. Ezeanolue, E.E., Gbadamosi, S.O., **Olawepo, J.O.**, Iwelunmor, J., Sarpong, D., Eze, C., Ogidi, A., Patel, D., Onoka, C. (2017). An mHealth framework to improve birth outcomes in Benue State, Nigeria: A study protocol. *JMIR Res Protoc*, 6(5), e100. PMID: PMC5466701.
 - b. Menson, W.N.A., **Olawepo, J.O.**, Bruno, T., Gbadamosi, S.O., Nalda, N.F., Anyebe, V., Ogidi, A., Onoka, C., Oko, J.O., Ezeanolue, E.E. (2018). Reliability of self-reported mobile phone ownership in rural north-central Nigeria: Cross-sectional study. *JMIR Mhealth Uhealth*, 6(3), e50. PMID: PMC5856935.
 - c. Frew, P. M., Randall, L. A., King, A. R., Schamel, J. T., Spaulding, A. C., HBOU Study Team [**Olawepo J.O.**], & Holloway, I. W. (2021). Health behavior survey among people who use opioids: Protocol for implementing technology-based rapid response surveillance in community settings. *JMIR Research Protocols*, 10(9), e25575. <https://doi.org/10.2196/25575>

A complete list of my published work can be found here:
<https://pubmed.ncbi.nlm.nih.gov/?term=Olawepo+JO&sort=date>