

Bolanle Olapeju, M.D., Ph.D., MSPH., CPH

Uniformed Services University of the Health Sciences
Department of Preventive Medicine and Biostatistics
4301 Jones Bridge Road, Room A 2063
Bethesda, MD 20814

(301) 295 1585 | bolanle.olapeju@usuhs.edu | [LinkedIn](#) | [Google Scholar](#) | [PubMed](#)

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Current Position

Assistant Professor
Preventive Medicine and Biostatistics, School of Medicine
Uniformed Services University
Bethesda, Maryland

Education

PhD in Public Health, Johns Hopkins Bloomberg School of Public Health (JHSPH), Baltimore, Maryland	2014-2018
MSPH in Public Health, JHSPH, Baltimore, Maryland	2011-2012
MBBS, Olabisi Onabanjo University, Sagamu, Nigeria	2000-2008

Academic Appointments

Assistant Professor Preventive Medicine and Biostatistics, School of Medicine Uniformed Services of the Health Sciences Bethesda, Maryland	2022-Present
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Assistant Scientist Public Health Studies Program, Zanvyl Krieger School of Arts and Sciences Johns Hopkins University Baltimore, Maryland	2022
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Assistant Scientist Department of Health Behavior and Society, JHSPH Baltimore, Maryland	2020-2022
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Professional Experience

Research and Evaluation Officer Johns Hopkins Center for Communication Programs (CCP) Baltimore, Maryland	2018-2020
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Served as co-investigator and facilitated all aspects of the research design, implementation, analysis and results dissemination for numerous national-level projects across sub-Saharan Africa and South America.

- Analyzed data for numerous projects conducting weighting, 4-way decomposition, multivariable logistic and linear regressions, principal component, latent class and factor analysis.
- Led a systematic literature review and compilation of a global family planning evidence database
- First author on journal publications in Malaria Journal and Public Health Nutrition Journal on malaria and preterm birth risk respectively
- Created interpolated geostatistical information system maps of relevant malaria indicators in over thirty countries
- Functioned as co-investigator on many research studies, providing IRB oversight on several research activities with CITI certification for human subjects' research
- Presented programmatic and research findings at domestic and international conferences

Senior Research Data Analyst 2016-2018
CCP

Baltimore, Maryland

Provided technical support on program research and evaluation for many projects across multiple outcomes including malaria prevention, capacity strengthening, and behavior change communication.

- Implemented six large scale studies, collecting and analyzing primary survey data on malaria, HIV/AIDS, maternal and child health in sub-Saharan Africa
- Trained over 100 local data collectors across various African countries in research ethics and survey data collection
- Designed five population level mobile data collection surveys using ODK based platforms
- Managed local research teams comprised of statisticians, GIS experts and mobile data collection experts across projects

Research Assistant 2012-2016
JHSPH

Baltimore, Maryland

Worked with the Department of Population, Family and Reproductive Health, JHPIEGO and the Johns Hopkins Center for Communication to support survey questionnaire preparation, data entry and quantitative data analysis.

- Conceptualized the research design, analysis of relevant national level data, development of the study research protocol, creation of the survey questionnaires and interview guides.
- Supervised all stages of excel and teleform data entry to ensure high quality data and quantitative data analysis on the intersection of biomedical and psychosocial risk factors for preterm birth.
- Worked on the 2015 departmental self-study and drafted the 2015 summary of the department including the departmental history and organization, a critical review of its governance, methodology and research priorities as well as the future vision and goals of the department.

Medical Officer, Nigeria 2008-2011

Worked with the following hospitals: i) Paelon Memorial Hospital from 2010-2011; ii) Etinan General Hospital, from 2009-2010; and Lagos University Teaching Hospital, from 2008-2009. Clinical care was partly funded by the International Center for AIDS Care and Treatment Programs (ICAP) and President's Emergency Plan for AIDS Relief (PEPFAR). Key tasks included

- Ensured prevention of maternal to child transmission (PMTCT) of HIV - instituting postpartum administration of nevirapine to babies born to HIV positive mothers
- Counseled people living with HIV/AIDS (PLHA) and couples on drug adherence and family planning
- Managed illnesses on inpatient wards and outpatient clinics related to malaria, typhoid and other infectious diseases
- Ran outpatient clinics for chronic diseases such as hypertension and diabetes mellitus
- Collected and collated clinical samples and data from patients for clinical research
- Assisted with surgical operations such as cesarean section and herniorrhaphy

Program Coordinator 2005-2007

Nigerian Conference of Medical and Dental Students
Sagamu, Nigeria

Worked with the Nigerian Conference of Medical and Dental Students on health outreaches across Nigeria. Developed entertainment-education campaigns focusing on health promotion. Organized the provision of basic food and clothing for women and children in low-resource communities. Supported community health awareness programs on maternal, child and geriatric health

Certification and Licensure

Certified in Public Health, National Board of Public Health Examiners 2015-2025

Collaborative IRB Training Initiative, Department of Defense (DOD). 2022-2025

Social and Behavioral Investigators

and Research Study Team	
Collaborative IRB Training Initiative, JHSPH	2021-2026
Certificate in Maternal and Child Health, JHSPH	2018
Nigerian Medical and Dental Council	2010

Professional Development

DOD Phishing Awareness Training	2023
Equal Employment Opportunity Training	2023
Identifying and Safeguarding Personally identifiable Information	2023
Annual Security Awareness	2023
OSD RM Supplemental Training	2023
Leading at the Senior Management Level, Johns Hopkins University (JHU)	2021
Emotional Intelligence, JHU	2021
The Complete Course on How to Supervise People, JHU	2020
Giving and Receiving Feedback for JHU Managers, JHU	2020
Inspiring Your Team to Engage in Continuous Improvement, JHU	2020
Leading Change, JHU	2020
Reproductive Health Issues, Global Health eLearning	2019
Family Planning Programming, Global Health eLearning	2019
Behavioral Economics for Health Care, Carey Business School	2019
Malaria, Global Health eLearning	2018
Maternal and Child Health, JHSPH	2018
Strategic Leadership in Health Communication, CCP	2018
Fundamentals of DHIS2, BAI0 Systems	2017
Strategic Leadership Principles and Tools for Health System Transformation In Developing Countries, JHSPH	2012

Professional Memberships and Activities

Member, Population Association of America (PAA)	2022
Member, American Public Health Association (APHA)	2020
Member, American Society of Tropical Medicine and Hygiene (ASTMH)	2018

Editorial Board Appointments

Academic Editor, PLOS ONE	2022-Present
Role: Oversee the peer review process from beginning to end, taking responsibility for conducting an initial assessment based on the <i>PLOS ONE</i> Criteria for Publication , finding and inviting reviewers, evaluating their feedback, making editorial decisions, and communicating decisions to authors. Play an active role in the community, and are highly engaged as a representative of <i>PLOS ONE</i> .	
Intensity: ~ 2 manuscripts a year	

Journal reviewer

Frontiers in Public Health	2023-Present
Journal of Health Communication	2023-Present
Plos Global and Public Health	2023-Present
BMJ Open	2022-Present
Plos One	2021-Present
Journal of Environmental and Public Health	2021-Present
BMJ Nutrition, Prevention & Health	2020-Present
Pathogens and Global Health	2019-Present
Journal of Tropical Medicine and Health	2018-Present

Committee Assignments and Administrative Services

Intramural Committees

USU Preventive Medicine and Biostatistics Doctoral Committee

2022-Present

The PMB Doctoral Committee serves to review and update ongoing function of and changes in doctoral education within PMB, oversee admissions, academic progress and remediation of students, and make recommendations to the PMB Chair and PMB Vice Chair for Graduate Programs, PMB, on policy issues, program planning, admissions, student progress, and curricular content. As a member of this committee, my specific duties include:

- Review doctoral programs and curricula in PMB.
- Advise the Director, Doctoral Programs, the Vice Chair for Graduate Programs, and Chair, PMB regarding doctoral education in PMB.
- Review all applications to PMB doctoral programs in accordance with requirements specified in the PMB Graduate Program Handbook and the calendar and requirements of the USUHS SOM Graduate Programs Office. Make recommendations for admission or rejection to the Chair, PMB through the Vice Chair for Graduate Programs.
- Review student progress quarterly as presented by reports from each student's academic advisor through the Director, Doctoral Programs. Recommend a course of action for individuals not meeting academic standards, and provide that recommendation to the department chair for additional action.
- Oversee the doctoral examination process.
- Work with the PMB Strategic Planning Committee and other PMB committees to lead and support innovative strategies to improve Doctoral programs in PMB.
- Perform additional tasks at the request of the Chair, PMB or Vice Chair for Graduate Programs.

JSHPH CCP 2020-2025 Strategic Plan Committee

2021-2022

Served as an active member of this committee and the leader of the CCP Organizational Values sub-committee instituted to update the company's organizational values to reflect its diverse and global membership of over 500 employees. Key activities and achievements included the following:

- Reviewed the current values, the history of their evolution as well as current initiatives that may re-shape values moving forward
- Solicited preliminary feedback from key groups and then all CCP staff globally
- Revised values to incorporate new directions and priorities of the organization including inclusivity and diversity.

Extramural Committees

International

World Health Organization (WHO) Roll Back Malaria

2018-Present

Served as an active member of the following Working Groups and Task Forces:

- Vector Control
- Malaria in Pregnancy
- Social and Behavior Change Communication
- Surveillance, Monitoring and Evaluation Reference Group
- Health Management Information Systems Task Force

National

Baltimore County Department of Health- Local Health Coalition

2015

Health Resources and Services Administration- New Access Points

2019

Health Resources and Services Administration- Oral Health Infrastructure

2019

Office of the Assistant Secretary for Health- National Prevention Partnership

2014

Educational Activities

(See [Educator's Portfolio](#) for more information)

Classroom Instruction

PMO 530: The Social and Behavioral Sciences Applied to Public Health 2022-Present
Role: Course Director (~24 students, 48 hours)
Redeveloped course material including the syllabus, lecture presentations, readings, assignments and grading. Recreated the course in Canvas. Included innovative in-class discussion sessions and learner- friendly review sessions. Since 2022, over 80% students were satisfied with the course instructor and with the class overall respectively.

PMO 531: Program Planning and Development 2023-Present
Role: Course Director (~11 students, 48 hours)
Updated course material including the syllabus, lecture presentations, readings, assignments and grading. Reorganized the course in Canvas. Included innovative in-class discussion sessions and practical examples.

Introduction to Social and Behavioral Determinants of Health, JHU 2021-2022
Role: Course developer and lecturer (~60 students, 48 hours)
Developed course material including the syllabus, lecture presentations, readings, assignments and grading.

Guest Lecturer

1. PMO 608: USU Doctoral Student Seminar. (6 students, 2 hours). 2023
2. USU MPH Introduction to Practicum and Independent Project. 2023
(30 students, 1 hour). Delivered lecture presentation on Introduction to Qualitative Research Methods.
3. JHU Introduction to Social and Behavioral Determinants of Health 2022-2024
(40 students, 1 hour). Delivered lecture presentation on Illustrative Examples of Socio-environmental Behavior.
4. JHU PFRH Department First Year Doctoral Seminar 2018-2022
(6 students, 1 hour). Delivered a presentation on doctoral student trajectories and recommendations for success
5. JHU Research Methods in Public Health 2020-2021
(40 students, 1 hour). Delivered a presentation on applied public health research methods and theories.

Other Teaching

Teaching Assistant

1. JHSPH: Population Dynamics (60 students, 30 hours) 2016
2. JHSPH: Critiquing Maternal and Child Health Literature (12 students, 24 hours) 2015-2016

Content Developer and Instructor of Social and Behavior Change

Skills Building Workshops

1. Outcome Monitoring 101: Indicators and Logic Frameworks, Mozambique (30 students, 2 hours) 2019
2. Introduction to Real Time Monitoring of Social and Behavior Communication/Entertainment Education Programs, Indonesia, (30 students, 2 hours) 2018
3. Introduction to Real Time Monitoring of Malaria Social and Behavior Change Communication Programs, Zambia, (30 students, 2 hours) 2018

Mentoring

1. Norbert Owusu, MBA, MSC, USN. Masters Student at USU. 2024
Thesis Advisor. Master's thesis on Racial and Ethnic, Sex, and Military Rank Differences in the Relationship Between Combat History and

Mental Health Outcomes Among U.S. Military Active-Duty Service Members.	
2. Kimberly Johnson-Boua, CAPT, USA, Doctoral Student at USU. Mentored on dissertation topic, sample aims, approaches and methodologies.	2023-2024
3. Lisa Shaw, MD. MAJ, MC, USA, MPH Student at USU Mentored on master's thesis exploring Physician Burnout among Female Service Members.	2022-2023
4. Jenn Leggoe, Maj, USAF, MC. MPH Student at University of Texas Mentored on master's thesis exploring the effects of burn out on physicians and patients within the military medical structure.	2022-2023
5. Chigolum Pamela Oyeka, MPH student, JHSPH Master's thesis reader: Influence of maternal BMI on childhood BMI trajectory in a minority US population	2021-2022
6. Anamika Sinha- MSPH student, JHSPH International Health Department	2020
7. Aditi Patriki- MSPH student, JHSPH Master's thesis reader	2019-2020
8. Olivia Chan- JHU Undergraduate student Research Assistantship Preceptor and Mentor	2019

Honors and Awards

Honors

Fellow, Health Resources and Services Administration (HRSA) Trainee Fellowship Program	2015
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Awards

1. Apgar/Bramley/Clifford Award JHSPH award to female physicians pursuing public health degrees with a major focus on maternal and child health.	2017
2. Chenoweth-Pate Award JHSPH award to women health professionals seeking to improve the health of mothers and children in the U.S	2016
3. Maternal and Child Health Training Grant JHSPH funding to doctoral students focusing on maternal and child health	2016
4. Apgar/Bramley/Clifford Award JHSPH award to female physicians pursuing public health degrees with a major focus on maternal and child health	2015
5. Metamorforces Nigeria Award for Public Health School of Medicine-wide award given to the best medical student in public health	2008

Grants and Contract Awards

Addressing Military Health Providers Burnout, to Improve Readiness and Retention Granting Agency: USU Grant #: R.0038013.3.9 Role: Principal Investigator. Funding: \$150,000	2022 – 2025
Leveraging Stress Response and Adaptive Coping Strategies among USUHS Graduate Students to improve Military Readiness Granting Agency: USU Grant #: R.0044006.3.12.18 Role: Principal Investigator. Funding: \$24,979	2022-2023
Social Behavior Change Activity Granting Agency: USAID Cooperative Agreement #2061720CA00005 Total costs: ~\$50 million PI: Susan Krenn Role: Researcher, 40% Level of Effort (LOE)	2020-2025
Tanzania Vector Control Activity	2020-2025

Granting Agency: USAID
Cooperative Agreement # 72062120C00001
Total costs: ~\$48 million
PI: Susan Krenn
Role: Researcher, 40% LOE, (unused)

Grant/Proposal Writing

Part of the CCP grant/proposal writing team for several projects in the following countries worth over \$20 million each. Developed conceptual frameworks, theories of change, logic models, relevant institutional experience section, research monitoring and evaluation agendas, performance and monitoring plans and performance indicator reference sheets. International proposals include a Global SBC Research Proposal in the following countries: Democratic Republic of Congo, Malawi, Kenya, Guinea, Guyana, Uganda, and Tanzania.

Publications

2015-Present

Peer reviewed

1. **Olapeju, B.**, Bride, M., Gutman, J. R., Wolf, K., Wabwire, S., Atobrah, D., & Hendrickson, Z. M. (2024). [WHO antenatal care policy and prevention of malaria in pregnancy in sub-Saharan Africa](#). *Malaria Journal*, 23(1), 218.
2. **Olapeju, B.**, Passaniti, A., Odeke, P., Hendrickson, Z. M., Nalukwago, J., Mugabe, P., & Storey, J. D. (2024). [What does your partner want? Using a gender equality lens to assess partner support and involvement in Family Planning in Uganda](#). *PLOS Global Public Health*, 4(5), e0003264.
3. **Olapeju, B.**, Hendrickson, ZM., Shanahan, P., Mushtaq O., Ahmed AE. [Health Behavior Profiles and Association with Mental Health Status among US Active-Duty Service Members](#). *Frontiers in Public Health*. 2024 (12), 1324663.
4. **Olapeju B**, Ahmed AE, Chu K, Yoon J, Mancuso JD. [Perceived Health Status and Medical Conditions Among US Active-Duty Service Members](#). *Psychol Res Behav Manag*. 2023 Dec 21;16:5121-5138. doi: 10.2147/PRBM.S429341. PMID: 38146390; PMCID: PMC10749538.
5. **Olapeju B**, Bride M, Gutman JR, Butts JK, Malpass A, McCartney-Melstad A, Van Lith LM, Rodriguez K, Youll S, Mbeye N, Ntoya F, Lankhulani S, Mpata F, Babalola S. [Malaria-Related Psychosocial Factors, Past Antenatal Care-Seeking Behaviors, and Future Antenatal Care-Seeking Intentions by Maternal Age in Malawi and Democratic Republic of the Congo](#). *Am J Trop Med Hyg*. 2023 Jun 26;109(2):277-283. doi: 10.4269/ajtmh.23-0069. PMID: 37364859; PMCID: PMC10397429.
6. Huang, W., Meir, A. Y., Olapeju, B., Wang, G., Hong, X., Venkataramani, M., ... & Wang, X. (2023). [Defining longitudinal trajectory of body mass index percentile and predicting childhood obesity: methodologies and findings in the Boston Birth Cohort](#). *Precision Nutrition*, 2(2), e00037.
7. **Olapeju B**, Adams C, Simpson J, Mitchum L, Wilson S, Jarrah M, Hunter GC, Davis T, Martin A, Shaw, C, Tibbels N, Orkis J, Storey JD. [Addressing COVID-19 rumors and behaviors using theory in Guyana: A Program Case Study](#). *Global Health Science and Practice*. 2022, 10(4):e2200071; <https://doi.org/10.9745/GHSP-D-22-00071>
8. **Olapeju, B.**, Tamene, H., Ayele, M., Heliso, S., Berhanu, T., Alemayehu, G., & Kapadia-Kundu, N. [Psychosocial Factors Associated With Malaria Care-seeking in Rural Ethiopia](#). *BMC Public Health* (2022) 22:1460. <https://doi.org/10.1186/s12889-022-13862-x>
9. Rosen, J. G., Carrasco, M. A., **Olapeju, B.**, Phiri, A., Kim, M., Lingenda, G., & Kumoji, E. K. (2022). [Community Mobilization is Associated with HIV Testing Behaviors and Their Psychosocial Antecedents Among Zambian Adults: Results from a Population-Based Study](#). *AIDS and Behavior*, 1- 12.
10. **Olapeju B**, Adams C, Wilson S, Simpson J, Hunter GC, Davis T, Mitchum L, Cox H, James K, Orkis J, Storey JD. [Malaria care-seeking and treatment ideation among gold miners in Guyana](#). *Malar J*. 2022 Jan 31;21(1):29. doi: 10.1186/s12936-022-04045-5. PubMed PMID: 35101036; PubMed Central PMCID: PMC8805325.
11. Yan SD, Simpson J, Mitchum L, Orkis J, Davis T, Wilson S, Trotman N, Imhoff H, Cox H, Hunter G, **Olapeju B**, Adams C, Storey JD. [Human-centered design process and solutions](#)

- [to promote malaria testing and treatment seeking behavior in Guyana hinterlands.](#) BMC Public Health. 2021 Dec 15;21(1):2287. doi: 10.1186/s12889-021-12297-0. PubMed PMID: 34911505; PubMed Central PMCID: PMC8672563.
12. **Olapeju B**, Hendrickson Z, Rosen J, Shattuck D, Storey J, Krenn S, Shaivitz M, Serlemitsos E, Tseng T, Tsang S, Rimal R, Babalola S. [Trends in handwashing behaviors for COVID-19 prevention: Longitudinal evidence from online surveys in 10 sub-Saharan African countries.](#) PLOS One GPH. 2021/11; 1(11):e0000049.
 13. Monroe A, **Olapeju B**, Moore S, Hunter G, Merritt AP, Okumu F, Babalola S. [Improving malaria control by understanding human behaviour.](#) Bull World Health Organ. 2021 Nov 1;99(11):837- 839. doi: 10.2471/BLT.20.285369. Epub 2021 Sep 30. PubMed PMID: 34737477; PubMed Central PMCID: PMC8542269.
 14. Monroe A, Moore S, **Olapeju B**, Merritt AP, Okumu F. [Unlocking the human factor to increase effectiveness and sustainability of malaria vector control.](#) Malar J. 2021 Oct 16;20(1):404. doi: 10.1186/s12936-021-03943-4. PubMed PMID: 34656116; PubMed Central PMCID: PMC8520184.
 15. Nalukwago J, **Olapeju B**, Mugabe P, Passaniti A, Kimbowa M, Ciloglu A, Mkandawire G, Kabanda R, Storey D. [Effects of Coronavirus Pandemic on Young Adults' Ability to Access Health Services and Practice Recommended Preventive Measures.](#) Global Journal of Health Science. 2021 September; 13(11). doi: 10.5539/gjhs.v13n11p14.
 16. Okoh OM, **Olapeju B**, Oyedokun-Adebagbo F, Inyang U, McCartney-Melstad A, Tweedie I, Babalola S, Storey D. [The role of ideation on the effect of an SBC intervention on consistent bed net use among caregivers of children under 5 years in Nigeria: a multilevel mediation analysis.](#) BMC Public Health. 2021 Sep 13;21(1):1660. doi: 10.1186/s12889-021-11709-5. PubMed PMID: 34517875; PubMed Central PMCID: PMC8436470.
 17. **Olapeju B**, Hong X, Wang G, Summers A, Burd I, Cheng TL, Wang X. [Birth outcomes across the spectrum of maternal age: dissecting aging effect versus confounding by social and medical determinants.](#) BMC Pregnancy Childbirth. 2021 Sep 1;21(1):594. doi: 10.1186/s12884-021-04077-w. PubMed PMID: 34470614; PubMed Central PMCID: PMC8411515.
 18. Kilian A, Obi E, Mansiangi P, Abilio AP, Haji KA, Blaufuss S, **Olapeju B**, Babalola S, Koenker H. [Variation of physical durability between LLIN products and net use environments: summary of findings from four African countries.](#) Malar J. 2021 Jan 7;20(1):26. doi: 10.1186/s12936-020-03549-2. PubMed PMID: 33413388; PubMed Central PMCID: PMC7791654.
 19. Kilian A, Obi E, Mansiangi P, Abilio AP, Haji KA, Guillemois E, Chetty V, Wheldrake A, Blaufuss S, **Olapeju B**, Babalola S, Russell SJ, Koenker H. [Correlation of textile 'resistance to damage' scores with actual physical survival of long-lasting insecticidal nets in the field.](#) Malar J. 2021 Jan 7;20(1):29. doi: 10.1186/s12936-020-03570-5. PubMed PMID: 33413383; PubMed Central PMCID: PMC7792112.
 20. **Olapeju B**, Adams C, Hunter G, Wilson S, Simpson J, Mitchum L, Davis T, Orkis J, Cox H, Trotman N, Imhoff H, Storey D. [Malaria prevention and care seeking among gold miners in Guyana.](#) PLoS One. 2020;15(12):e0244454. doi: 10.1371/journal.pone.0244454. eCollection 2020. PubMed PMID: 33373407; PubMed Central PMCID: PMC7771697.
 21. **Olapeju B**, Ahmed S, Hong X, Wang G, Summers A, Cheng TL, Burd I, Wang X. [Maternal Hypertensive Disorders in Pregnancy and Postpartum Plasma B Vitamin and Homocysteine Profiles in a High-Risk Multiethnic U.S. Population.](#) J Womens Health (Larchmt). 2020 Dec;29(12):1520- 1529. doi: 10.1089/jwh.2020.8420. Epub 2020 Nov 16. PubMed PMID: 33252313; PubMed Central PMCID: PMC7757544.
 22. Abilio AP, Obi E, Koenker H, Babalola S, Saifodine A, Zulliger R, Swamidoss I, Ponce de Leon G, Alfai E, Blaufuss S, **Olapeju B**, Harig H, Kilian A. [Monitoring the durability of the long-lasting insecticidal nets MAGNet and Royal Sentry in three ecological zones of Mozambique.](#) Malar J. 2020 Jun 17;19(1):209. doi: 10.1186/s12936-020-03282-w. PubMed PMID: 32552819; PubMed Central PMCID: PMC7301518.
 23. Haji KA, Khatib BO, Obi E, Dimoso K, Koenker H, Babalola S, Greer G, Serbantez N, Abbas F, Ali A, Blaufuss S, **Olapeju B**, Kilian A. [Monitoring the durability of the long-lasting](#)

[insecticidal nets](#)

- [Olyset® and PermaNet® 2.0 in similar use environments in Zanzibar](#). Malar J. 2020 May 24;19(1):187. doi: 10.1186/s12936-020-03258-w. PubMed PMID: 32448313; PubMed Central PMCID: PMC7247136.
24. Mansiangi P, Umesumbu S, Etewa I, Zandibeni J, Bafwa N, Blaufuss S, **Olapeju B**, Ntoya F, Sadou A, Irish S, Mukomena E, Kalindula L, Watsenga F, Akogbeto M, Babalola S, Koenker H, Kilian A. [Comparing the durability of the long-lasting insecticidal nets DawaPlus® 2.0 and DuraNet© in northwest Democratic Republic of Congo](#). Malar J. 2020 May 24;19(1):189. doi: 10.1186/s12936-020-03262-0. PubMed PMID: 32448213; PubMed Central PMCID: PMC7247235.
25. Obi E, Okoh F, Blaufuss S, **Olapeju B**, Akilah J, Okoko OO, Okechukwu A, Maire M, Popoola K, Yahaya MA, Uneke CJ, Awolola S, Pigeon O, Babalola S, Koenker H, Kilian A. [Monitoring the physical and insecticidal durability of the long-lasting insecticidal net DawaPlus® 2.0 in three States in Nigeria](#). Malar J. 2020 Mar 30;19(1):124. doi: 10.1186/s12936-020-03194-9. PubMed PMID: 32228592; PubMed Central PMCID: PMC7106771.
26. Ahorlu CS, Adongo P, Koenker H, Zigirumugabe S, Sika-Bright S, Koka E, Tabong PT, Piccinini D, Segbaya S, **Olapeju B**, Monroe A. [Understanding the gap between access and use: a qualitative study on barriers and facilitators to insecticide-treated net use in Ghana](#). Malar J. 2019 Dec 12;18(1):417. doi: 10.1186/s12936-019-3051-0. PubMed PMID: 31831004; PubMed Central PMCID: PMC6909499.
27. **Olapeju B**, Choiriyyah I*, Bertram K, Piccinini D, Harig H, Selby RA, Lynch M, Koenker H. [Who buys nets? Factors associated with ownership and use of purchased mosquito nets in sub-Saharan Africa](#). Malar J. 2019 Dec 4;18(1):401. doi: 10.1186/s12936-019-3020-7. PubMed PMID: 31801579; PubMed Central PMCID: PMC6894199.
28. **Olapeju B**, Saifuddin A, Wang G, Ji Y, Hong X, Raghavan R, Summers A, Keiser A, Ji H, Zuckerman B, Yarrington C, Hao L, Surkan PJ, Cheng TL, Wang X. [Maternal postpartum plasma folate status and preterm birth in a high-risk US population](#). Public Health Nutr. 2019 May;22(7):1281-1291. doi: 10.1017/S1368980018003221. Epub 2018 Nov 29. PubMed PMID: 30486913; PubMed Central PMCID: PMC6486449.
29. **Olapeju B**, Choiriyyah I*, Lynch M, Acosta A, Blaufuss S, Filemyr E, Harig H, Monroe A, Selby RA, Kilian A, Koenker H. [Age and gender trends in insecticide-treated net use in sub-Saharan Africa: a multi-country analysis](#). Malar J. 2018 Nov 14;17(1):423. doi: 10.1186/s12936-018-2575-z. PubMed PMID: 30428916; PubMed Central PMCID: PMC6234545.
30. Gross SM, Augustyn M, Henderson JL, Baig K, Williams CA, **Ajao (Olapeju) B**, Bell-Waddy P, Paige DM. [Integrating Obstetrical Care and WIC Nutritional Services to Address Maternal Obesity and Postpartum Weight Retention](#). Matern Child Health J. 2018 Jun;22(6):794-802. doi: 10.1007/s10995-018-2449-6. PubMed PMID: 29417365.
31. Makinde OA, **Olapeju B**, Ogbuaji O, Babalola S. [Trends in the completeness of birth registration in Nigeria: 2002–2010](#). Demographic research. 2016 July; 35:315-338.
32. Babalola S, Kusemiju B, Calhoun L, Corroon M, **Ajao (Olapeju) B**. [Factors associated with contraceptive ideation among urban men in Nigeria](#). Int J Gynaecol Obstet. 2015 Aug;130 Suppl 3:E42-6. doi: 10.1016/j.ijgo.2015.05.006. Epub 2015 May 23. PubMed PMID: 26094726; PubMed Central PMCID: PMC6635605.
33. Babalola S, John N, **Ajao (Olapeju) B**, Speizer IS. [Ideation and intention to use contraceptives in Kenya and Nigeria](#). Demogr Res. 2015 Jul-Dec;33:211-238. doi: 10.4054/DemRes.2015.33.8. Epub 2015 Jul 21. PubMed PMID: 31303859; PubMed Central PMCID: PMC6625811.

Non-peer reviewed

34. **Olapeju, B**. "Putting the Global Back in Global Health- Bridging the North and South" Divide. USU Science Review. 2023

Published Abstracts and Presentations

Oral Presentations

2015-Present

National/International Meetings

Association of Military Surgeons of the United States Annual Meeting. National Harbor, Maryland, USA. February 2024. Military Provider Burnout

Global Malaria and Gender Community of Practice Meeting Virtual. January 2024
WHO Antenatal Care Policy and Prevention of Malaria in Pregnancy in Sub-Saharan Africa

American Society of Tropical Medicine and Hygiene 71st Annual Meeting. Chicago, Illinois USA. October 2023.
Trends in Antenatal Care visits and Intermittent Presumptive Treatment in Pregnancy in sub-Saharan Africa: Implications of WHO Policy

Global Fund Roll Back Malaria: Malaria in Pregnancy Working Group Annual Meeting. Geneva, Switzerland. September 2023.
Multi-country analysis of WHO Antenatal Care Policy on the Prevention of Malaria in Pregnancy

Social and Behavior Change Summit. Marrakesh, Morocco. December 2022.
What Does Your Partner Want? Clarifying Partner Involvement for Family Planning in Uganda.

American Society of Tropical Medicine and Hygiene 71st Annual Meeting. Seattle, Washington USA. November 2022.
Antenatal care behaviors, intentions and psychosocial factors among young pregnant women in two malaria endemic countries.

International Conference of Family Planning. Pattaya City, Thailand. November 2022.
Agreement versus practice: highlighting the gap between gender norms change and family planning use among men in Uganda.

Alliance for Malaria Prevention Annual Meeting. Geneva, Switzerland. January 2019.
Threats to ITN use – real and imagined

Roll Back Malaria Research and Evaluation Working Group Annual Meeting. Dar es Salaam, Tanzania. September 2018.
Let's Talk about Nets.

Social and Behavior Communication Change Summit. Nusa Dua, Indonesia. April 2018.
Assessment of the Senegal ITN Social Marketing Program.
Capacity Strengthening through Radio Distance Learning in Liberia

Roll Back Malaria Research and Evaluation Working Group Annual Meeting. Dakar, Senegal. June 2017.
Source of Nets.

Pediatric Academic Societies Annual Meeting. Baltimore, Maryland USA. May 2016.

Maternal Folate Levels, Hypertensive Disorders and Pregnancy Outcomes in the Boston Birth Cohort.

7th African Population Conference.

Pretoria, South Africa. December 2015.

Trends in the completeness of birth registration in Nigeria

Local/Regional Meetings

Johns Hopkins Malaria Institute World Malaria Day Symposium.

Baltimore, Maryland USA. April 2022.

Johns Hopkins Malaria Institute World Malaria Day Symposium.

Baltimore, Maryland USA. April 2021.

Human-centered design processes to promote malaria testing and treatment-seeking behavior in Guyana Malaria Care-seeking and Treatment Ideation among Gold Miners in Guyana

Posters

2015 –

Present

National/International

Association of Military Surgeons of the United States Annual Meeting.

National Harbor, Maryland USA. February 2024

Burnout and Retention Among Military Physicians.

Military Health System Research Symposium.

Kissimmee, Florida USA. August 2023

Perceived Health Status, Medical Conditions and Risk Behaviors among US Active Duty Service Members

Risk Behavior Profiles and Association with Mental Health Status among US Active Duty Service Members

American Society of Tropical Medicine and Hygiene 71st Annual Meeting.

Seattle, Washington USA. November 2022.

Monitoring Malaria Outcomes in Remote Rainforest Regions of Guyana.

Exploring a New Malaria SBC approach—Targeting Couples to Improve ITN use in Malawi.

Three Delays of Malaria Care-Seeking: Comparing Structural and Psychosocial Factors Influencing Prompt Care-Seeking in Malawi.

International Conference of Family Planning.

Pattaya City, Thailand. November 2022.

What does your partner want? Using a gender equity lens to assess partner involvement for Family Planning in Uganda. International Conference of Family Planning.

Population Association of America, Annual Meeting.

Alexandria, Virginia USA. April 2022.

The relationship between gender equality and insecticide-treated net use in Uganda.

American Society of Tropical Medicine and Hygiene 70th Annual Meeting.

Virtual. November 2021.

Malaria Care-seeking and Treatment Ideation among Gold Miners in Guyana.

Effect of Social and Behavior Change Interventions on Malaria Health Behavior –Long Lasting Insecticidal Net use and treatment seeking in Ethiopia

The relationship between COVID-19 and perceived access to malaria care in

Uganda. The relationship between gender equality and insecticide-treated net use

in Uganda. Addressing COVID-19 rumors and behaviors using theory in Guyana.

Effects of Coronavirus pandemic on Health Seeking Behaviors of Young Adults in Uganda.

Human-centered design process and solutions to promote malaria testing and treatment-

seeking behavior in Guyana hinterlands.

Annual Scientific Meeting of the Society for Reproductive Investigation.

Boston, Massachusetts USA. July 2021.

Birth Outcomes across the Spectrum of Maternal Age: True Aging Effect versus Confounding by Social and Medical Determinants

American Society of Tropical Medicine and Hygiene 69th Annual Meeting.

Virtual. November 2020.

Malaria treatment adherence among gold miners in Guyana: Do beliefs matter.

American Society of Tropical Medicine and Hygiene 68th Annual Meeting.

National Harbor, Maryland USA. November 2019.

What can Descriptive Norms Tell Us about Care-seeking for Children with Fever in Africa? A Multi-country study.

American Society of Tropical Medicine and Hygiene 67th Annual Meeting.

New Orleans, Louisiana USA. November 2018.

School-based Continuous Distribution of ITNs: Pilot in Guinea Show Immediate Increase in Use and Access.

Understanding the Gap between Access and Use: A Qualitative Study on Barriers and Facilitators to Consistent Use of Insecticide-Treated Nets in Ghana”

American Society of Tropical Medicine and Hygiene 66th Annual Meeting.

Baltimore, Maryland. November 2017.

Quantifying season patterns of ITN use across climatic zones in sub-Saharan Africa.

Who buys nets? Factors associated with mosquito net purchase in sub-Saharan Africa.

International Conference of Family Planning.

Nusa Dua, Indonesia. November 2015.

Fertility Indecision, Contraceptive Use, and Intention in Indonesia.

Influence of a mass media health communication campaign on family planning behaviors and intentions in Ghana.

Social Media

Co-authored the following blog posts with their corresponding social media posts on Twitter, LinkedIn, and Facebook. Reviewed and edited content and approved final versions for dissemination. Social media and blog posts potentially viewed by hundreds of public health researchers, program implementers, policy makers and funders globally.

1. [**Malaria-Related Psychosocial Factors, Past Antenatal Care-Seeking Behaviors, and Future Antenatal Care-Seeking Intentions by Maternal Age in Malawi and Democratic Republic of the Congo.**](#) August 31, 2023.
2. [**Study: What Influences Miners in Guyana to Seek Malaria Care?**](#) February 28, 2022. CCP study finds that starting conversations about malaria could encourage gold miners in Guyana to be promptly tested and treated for the disease.
3. [**In Midst of COVID-19 Pandemic, Handwashing Rates in Africa Fell.**](#) November 15, 2021. Instead of rising during the pandemic to slow the spread of COVID-19, new CCP research finds that handwashing rates fell in parts of sub-Saharan Africa.
4. [**COVID-19 Keeping Young Adults in Uganda from Many Health Services.**](#) October 20, 2021. Ugandans between the ages of 18 and 29 say their access to services such as family planning and maternal and child health has been limited by the pandemic, according to a CCP survey.
5. [**Study: Consider the Impact of Emotions When Designing Behavior Change Programs.**](#) October 18, 2021. To change bed net behaviors in Nigeria, new CCP research suggests it's vital that communication programs engage on an emotional level.
6. [**How Long Do Mosquito Nets Last? Depends on Behavior, Geography.**](#) June 1, 2020. In a

series of research studies, leaders of the CCP-led VectorWorks project looked at mosquito net durability in regions of three countries: Nigeria, Tanzania, and the Democratic Republic of Congo (DRC).

7. [Who Buys Mosquito Nets?](#) January 13, 2020. While most treated bed nets are supplied for free by international donors, new CCP-led research shows that some people will buy nets if they need them and suggests that targeted retail markets could help supplement mass distribution in the future.
8. [Rethinking Mosquito Net Use in Ghana.](#) December 16, 2019. Encouraging more people to sleep under treated bed nets in malaria-endemic Ghana isn't just about handing out more nets, new CCP- led research suggests.
9. [Pregnant Women, Young Children Most Likely to Use Bed Nets to Prevent Malaria.](#) December 12, 2018. With most vulnerable covered, "now, we need to go even further to provide enough nets for everyone else" to protect them from malaria, says CCP's Bolanle Olapeju.

Public Health Practice Reports

1. **Olapeju, B.**, Kayange, M., Bride, M., Mafuleka, T., Hunter, G., Dembo, E., Volkmann, T., Gumbo, A., Bautista, M., Mbeye, N., Cash, S. (2021). Malaria Behavior Survey: Malawi. Johns Hopkins Center for Communication Program. October 2021. Baltimore, USA
Report findings are currently being used by the Malawi National Malaria Control Program and Ministry of Health in the design of relevant interventions and strategic documents including the National Malaria Research Agenda, National Malaria Strategic Plan, National Malaria Communication Strategy.
2. **Olapeju, B.**, Cronin, C., Kamulegeya, L.H., Sensalire, S., Musinguzi, D., Srinivas, S., Tembey, L., Gupta, P., Nalukwago, J., Musoke, I., & Storey, D. (2020). Uganda social and behavior change activity (SBCA), baseline assessment draft report. Baltimore, Maryland. USAID | Uganda Social and Behavior Change Activity Project, Johns Hopkins Center for Communication Programs.
Report findings are currently being used by the USAID funded Uganda SBCA project stakeholders to design relevant social and behavior change interventions integrated across multiple health areas.
3. Faramand, T., Sensalire, S., Nkolo K.K. E, Muhire, M., Kaabunga, E., Douglas, J.S., **Olapeju, B.**, Cronin, C., Gupta, P., Tembey, L., Mwakandwire, G., Nalukwago, J., Musoke, I., Musekura, R., Kayongo, E., Passaniti, A., Kamulegeya, L.H., Musinguzi, D., Bwanika, J.M., Ndahura, G.K. (2020). Gender Analysis Report, Kampala. USAID | Uganda Social and Behavior Change Activity.
This report highlighting the context of gender, youth, and social inclusion issues in Uganda are currently being used by the USAID funded Uganda SBCA project stakeholders to inform the implementation of gender transformative interventions in Uganda.
4. Koenker, H., **Olapeju, B.**, Toso, M., & Ricotta, E. Insecticide-Treated Nets (ITN) Access and Use Report. Breakthrough ACTION and PMI VectorWorks projects, Johns Hopkins Center for Communication Programs. Published August 2019. Updated April 2020. Retrieved from <http://itnuse.org/>
This interactive site is being used continuously by malaria control stakeholders across Africa and Asia to understand determinants and trends of insecticide treated net (ITN) use as well as inform ITN distribution strategies.
5. WHO Monitoring and Evaluation Reference Group (2019). "Framework for Evaluating National Malaria Programs in Moderate- and Low-Transmission Settings."
This framework produced by the WHO Roll Back Malaria Working Group has been used by monitoring and evaluation (M&E) staff within national malaria programs, ministries of health, donor agencies, and other partners to identify appropriate approaches for evaluating their programs.
6. **Olapeju B**, Choiriyah I, Sreedhara SK, Lynch M, Koenker H (2018). Source of Nets Report. Report prepared for the PMIVectorWorks project and submitted to USAID. December 2018. This report describing the relative diversity of sources of nets has been used by ITN distribution programs in Angola, Burkina Faso, Burundi, Ghana, Liberia, Madagascar, Malawi, Mali, Nigeria, Rwanda, Senegal, Sierra Leone, Tanzania, Togo, Uganda, and Zimbabwe.

7. Babalola S, Okoh M, **Olapeju B** (2018). Evaluation of the PMI/HC3 Nigeria malaria project: Effects on malaria-related ideation and behaviors. Report prepared for the Health Communication Capacity Collaborative (HC3) and submitted to USAID. April 2018.
This evaluation report which documented the effectiveness of USAID funded malaria social and behavior change interventions in Nigeria has been used by USAID implementation partners to design effective interventions since 2018 to date.
8. **Olapeju B**, Blaufuss S, Berthe S, Koenker H (2018). Evaluation of the School-based ITN Distribution in Guinea. Report prepared for the PMIVectorWorks project and submitted to USAID. 2018
This evaluation report provided the National Malaria Control Program (NMCP) and relevant stakeholders with information regarding the performance of the school distribution pilot; and offer insights on whether school insecticide treated net (ITN) distribution is an effective channel for maintaining ITN access in Guinea.
9. **Olapeju B**, Blaufuss S, Koenker H (2017). Post-Campaign Survey for Social Marketing of Long-Lasting Insecticide-treated Nets in Dakar, Senegal. Report prepared for the PMIVectorWorks project and submitted to USAID. October 2017
This evaluation report provided the Senegal National Malaria Control Program and relevant stakeholders with information regarding the performance of the MILDA social marketing program and informed the current national guidelines for commercial sale of ITNs.
10. Kumoji K, **Olapeju B** (2017). Health Communication Capacity Collaborative (HC3) Zambia, Independent Evaluation of the Zambia Community HIV Prevention Program. Report prepared for the Health Communication Capacity Collaborative (HC3) and submitted to USAID. July 2017.
Study findings were used by USAID-Zambia implementation partners designing interventions to improve HIV-related knowledge, attitudes, and risk behavior; HIV testing services (HTS), prevention of mother-to-child transmission of HIV (PMTCT), HIV treatment and support; voluntary medical male circumcision.
11. **Olapeju B**, Figueroa ME, Berg K (2017). National Knowledge, Attitudes and Practices (KAP) Survey on Ebola Virus Disease in Liberia. Report prepared for the Health Communication Capacity Collaborative (HC3) and submitted to USAID. May 2017.
This report highlighted Ebola virus disease (Ebola) related knowledge attitudes and practices in Liberia and prompted the Ministry of Health to ensure continued risk communication and community engagement beyond the Ebola epidemic.
12. **Olapeju B**, Figueroa ME (2017). Health Communication Capacity Collaborative (HC3) Liberia Endline Assessment. Report prepared for the Health Communication Capacity Collaborative (HC3) and submitted to USAID. May 2017.
This evaluation of a USAID funded social and behavior change project has been used by stakeholders in USAID and the Liberia Ministry of Health to understand how well-designed interventions can improve behavioral outcomes.
13. Babalola S., **Ajao (Olapeju) B.**, (2014). Evaluation of Family Planning Provider Training in Nigeria. Report prepared for the Nigeria Urban Reproductive Health Initiative (NURHI), Abuja, Nigeria
Study findings were used to design service provider trainings that improved the skills of doctors, nurses, midwives, and community workers in Nigeria. This contributed to an impressive 10.9 percentage point average increase in modern contraceptive use among women of childbearing age over four years of project implementation.
14. Kumoji K, **Ajao (Olapeju) B** (2013). Integrated HIV Serological and Behavioral Surveillance among Persons Attending Alcohol Consumption Venues in Gaborone, Botswana. Report prepared for the Project| SEARCH and submitted to USAID.
The results of this study estimating prevalence of HIV infection and HIV risk behaviors among patrons of alcohol consumption venues was used to inform the development of HIV prevention interventions for patrons of the licensed alcohol venues in Gaborone, Botswana.

Signed

Bolapeju

September 25, 2024