

Education

- 2012- 2016
United Kingdom &
Zambia
- London School of Hygiene and Tropical Medicine*
MPhil/PhD Epidemiology and population health
- Dissertation topic: Towards improving the measurement of unsafe abortion: substantive estimates and methodological insights from Zambia.
- 2011- 2012
Oxford, United
Kingdom
- University of Oxford*
MSc Global Health Science (Distinction)
- Specialization: Health economics and International development
 - Dissertation topic: Patients' socioeconomic status and their evaluations of primary health care in Hong Kong.
- 2001 – 2009
Ile-Ife, Nigeria
- Obafemi Awolowo University*
M.B.Ch.B (Bachelors of Medicine, Bachelors of Surgery)
- Graduated in top 5th percentile

Fellowships, Honors and Awards

- 2012-2015 Economic and Social Research Council (ESRC) UK Doctoral Scholarship
2012-2015 Advanced quantitative methods scholar ESRC
2012-2015 A.G. Leventis Foundation Scholarship
2011-2012 ExxonMobil Scholar MSc Global Health Science, Oxford University
2008 Ekiti State Merit scholarship award
2001-2009 NNPC/Chevron National Scholarship Award for Academic Excellence

Methodologic expertise

Community survey and hospital-based study design and implementation, analysis of large datasets, time series modelling, multiple imputation of missing data, systematic reviews and meta-analysis, impact evaluation.

Professional experience

- September 2016 till
Date
New York, USA
- Gutmacher Institute*
Senior Research Scientist
- Principal investigator leading a study estimating the burden and economic cost of maternal near miss in Kenya
 - Co-investigator on a study describing the context within which women experience abortion related maternal mortality.
 - Co-investigator leading a study examining misoprostol availability, and utilization for abortion in Nigeria
- January-August 2016
London, United
Kingdom
- London School of Hygiene and Tropical Medicine*
Research fellow- Evaluation of preventing maternal death from unwanted pregnancy program (EVA-PMDUP) and Secondary data analysis for generating new evidence (SAGE), maternal healthcare markets evaluation team
EVA-PMDUP
- Coordinated the end line component of a hospital study composed of: (i) retrospective data extraction in the three largest tertiary hospitals in Zambia over a 10-year period, (ii) prospective data collection over 5 months in 36 hospitals within 3 provinces and (iii) facility census in 212 health facilities in one province.
 - Trained and supervised of Zambian project and field staff, development of training materials, data collection tools, providing feedback/updates to stakeholders, and data analysis.
 - Participated in the preparation of narrative and progress reports of the project as required by the funding bodies
 - Reviewed and provided overall content leadership of the output from the hospital component including data analysis, and writing up reports, policy briefs, and peer reviewed publications

SAGE (maternity cover)

- Managed a four-person research team analyzing DHS data to gain insights into patterns of utilization of maternal and reproductive health services in low and middle-income countries.
- Developed research ideas for the DHS dataset, conducting analyses on multiple countries and region and coordinated the writing of three peer-reviewed publications related to adolescent sexual and reproductive health.
- Set up and managed existing collaborations with regional bodies (West African Health Organization and East Central and Southern Africa Health Community) to ensure our research is relevant to national and regional policy makers
- Oversaw the work of the statistician incorporating newly released DHS datasets into the pooled database
- Ensured timely submission of progress reports and deliverables to the funding body

Teaching

- Instructor on the 2016 Introductory Course in Epidemiology and Medical Statistics. Led two practical classes covering survey sampling design and statistical analysis with examples and exercises in Stata
- Prepared teaching material and taught the class on the topic “unsafe abortion” in the course “Safe motherhood and Perinatal Health course” in 2016
- Supervised an MSc. Student writing of her dissertation research into a peer-reviewed publication which was accepted in PLOS one

September 2012-
December 2015
Lusaka, Copperbelt
and Central provinces,
Zambia

Population Council/London School of Hygiene and Tropical Medicine

Researcher- Evaluation of preventing maternal death from unwanted pregnancy program (EVA-PMDUP)
Co-investigator on a DFID funded evaluation of the impact of interventions to reduce maternal death from unwanted pregnancy delivered in three provinces with seven sub-studies.

- Coordinated the baseline component of a hospital study composed of retrospective data extraction from the largest tertiary hospital in Zambia over an 8-year period, and a prospective data collection over 5 months in 36 hospitals within 3 provinces
- Developed data extraction protocol and database for retrospective study. Hired and trained 4 research assistants to extract data from hospital records. In charge of cleaning and analyzing study data.
- In charge of setting up and managing data collection in 36 hospitals across 3 provinces. Tasks included: development of data collection tools and field implementation protocols, introductory meeting with government officials, ethics applications, hiring, training and supervision of field staff and about 100 clinical investigators at research sites, development of database, conducting interviews with high-level stakeholders/experts on reproductive health and abortion in Zambia, providing feedback/updates to stakeholders, and data analysis.
- Provided technical support to other field studies within the larger evaluation including a household survey of 1500 women in 3 provinces. I developed the questionnaire modules for estimating abortion incidence, provided verbal feedback on other research tools and field protocols, assisted in programming and piloting the abortion module for mobile data collection.
- Planning and executing a results dissemination meeting for participating hospitals, Zambian government officials, and international stakeholders.

June-September 2015
London, United
Kingdom

London School of Hygiene and Tropical Medicine

Research Assistant, Cochrane Heart group

- Conducted data extraction, synthesis and write-up for a European Heart society systematic review on management of persistent atrial fibrillation.
- Contributed to refining the research methodology and the development of research tools.

July 2012-September
2016
Different locations

Independent Health Research and Evaluation Consultant

Norwegian Knowledge centre for the Health Services, Norway (August-October 2014)

Project-Factors affecting the implementation of task shifting for abortion care a component of evidence for the WHO guidelines on health worker roles in safe abortion care

http://apps.who.int/iris/bitstream/10665/181041/1/9789241549264_eng.pdf?ua=1&ua=1

- Contributed to the development of the data extraction protocol, reviewed academic papers and extracted relevant data for inclusion in the qualitative systematic review
- Reviewed and provided feedback on summary reports of findings to the World Health Organization

Population Council, Zambia (May 2014)

Project- Provider and Client Determinants of intrauterine device usage in Lusaka, Zambia

- Provided technical assistance to the project providing clinical and research input for the development of data collection tools, assisted in piloting provider tools in Lusaka, and provided feedback to shape qualitative data collection, data analysis and presentation of results to Society for Family Health and the Zambian Ministry of Health

HLSP (Mott MacDonald Ltd trading) (February 2014)

Project- Nepal Family Planning Programme - Monitoring and Evaluation Service

- Conducted and drafted a literature review examining how contraceptive use is measured in program evaluations to inform future program design
- Produced a final report titled: "Review of contraceptive use measures for measuring family planning program success"

Comic Relief, London (2013)

Scientific reviewer for grant applications

- Assisted in reviewing grant application for maternal/child health related as part of the London School of Hygiene and Tropical Medicine team.
- Discussed application with applicants and funders at a roundtable meeting and provided feedback on scientific integrity and policy impact of proposed project

Anthrologica/Save the Children UK (February-April 2013)

Project- Barriers to quality of maternal health care in Nigeria

- Undertook and drafted literature review examining quality of care and barriers to quality available for mothers and newborns in Nigeria (Lagos and Jigawa).
- Provided technical support to field team by providing verbal feedback on research tools, fieldwork preparation and the draft report.

London School of Hygiene and Tropical Medicine (September 2012)

Project-Evaluation of the prevention of maternal death from unwanted pregnancy program (EVA-PMDUP)

- Provided technical support during inception phase of project by: developing and revising data collection tools to: measure maternal morbidity from unsafe abortions; developing a protocol for the pretest of the tools in facilities in Zambia;
- Participated in methodological discussions to develop the evaluation framework of the study including on intensity, sampling, and family planning indicators in community based studies;
- Conducted field visits and provided training to field staff as required

UNICEF Nigeria (Cross-river State)/Anthrologica (July 2012)

Project- Local barriers to care-seeking and treatment for diarrhea, malaria and pneumonia in Nigeria

- Carrying out -in-depth interviews and focus group discussions with community members and leaders
- Data transcription and preliminary analysis
- Providing research support to principal investigator- daily summaries of field work
- Presented findings and recommendations to State and Federal Ministry of Health officials

March 2013 till Sept
2013

London, United
Kingdom

Merck for Mothers evaluation team, London School of Hygiene and Tropical Medicine

Research assistant in epidemiological methods

- Worked on concept note and grant proposal for a cohort study of 250,000 women of reproductive age in Sub-Saharan Africa and South-East Asia with supervisors.
- Conducted an exploratory literature review on cohort studies of reproductive age women in developing countries, conducted quantitative projections of the number of demographic events within our proposed populations, and developed the concept note, budget and initial responses to the funders questions.
- Developed and participated in presentations and meetings with the Merck for mother's advisory board.

November 2012- Date
Oxford, United
Kingdom

Healthcare Information For All- HIFA (www.hifa2015.org)

Database reviewer and steering committee member

- Conducted qualitative data synthesis on the role of traditional birth attendants in the health system as one component of evidence summary for the WHO OPTIMIZE MNH guidelines. (http://apps.who.int/iris/bitstream/10665/77764/1/9789241504843_eng.pdf)
- Developing the HIFA knowledge database and contributing to decision making about the forum's

administration, funding and future direction

April-July 2012
Hong Kong

The Chinese University of Hong Kong

Research Fellow

- Conducted literature reviews of the primary health care system and policy in Hong Kong
- Undertook analysis of a population-based survey examining the impact of socioeconomic status on quality of primary care accessed by patients.
- Initiated discussions and analyses plans for data on health of migrant workers in China and access to health insurance
- Prepared reports and presented findings to faculty and students. Published a peer-reviewed paper.

June- September 2011
Yobe, Nigeria

Jameel Abdul Lateef Poverty action Lab (J-PAL)/Planned Parenthood Federation of Nigeria (PPFN)

Research Associate

Set up and successfully managed all field activities in Northern Nigeria, in the initial stage of an impact evaluation research study for a large local NGO and a Massachusetts institute of Technology (MIT) research center

- Conducted meetings with State government officials and other stakeholders as part of groundwork for evaluation.
- Assisted in developing and piloting survey questionnaires and other tools. Coordinated logistics for all pilot events in geographically demanding terrain and saved between 10-20 percent of allocated funds on all pilots by thinking creatively and building key links with local businesses.
- Performed quantitative analysis of pilot surveys and systems. Prepared reports on project activities and maintained regular communication with principal investigators.

Sep 2010 – May 2011
Mumbai, India

Society for Nutrition, Education and Health Action

Ashoka Young Champion of Maternal Health (Maternal health fellowship program).

- Prepared a funding proposal for INR 300,000 (\$7000) to scale up a component of the maternal health community initiative, which was granted and awarded by a local donor body.
- Carried out quantitative and qualitative data analysis, and conducted literature reviews
- Completed a White Paper for scaling up community interventions in urban slums

March 2010- August
2010
Lagos, Nigeria

Maternal and Reproductive Health Research Collective, Lagos

Clinical Research Assistant

- Developed clinical protocols for data collection on research studies.
- Collected clinical data from pregnant women with sickle cell anemia recruited into our studies.
- Suggested ideas for new community based programs and conducted site visits, met with donors, developed proposals and managed timelines.
- Oversaw management of the Wednesday HIV clinic and provided patient care, counseling, and medications. Coordinated referrals to other health services and facilitated follow-up by the clinic nurse.

Mar 2009 – Mar 2010
Lagos, Nigeria

Lagos University Teaching Hospital

Medical Intern/House Officer

- Primarily saw to patients' daily care and monitoring. Involved in collection and monthly collation of departmental operations data on patients and procedures for further analysis.
- Volunteered at the PEPFAR HIV pediatric clinic and was involved in day to day care of children and their mothers and in collating monthly hospital statistics

Professional activities and service

2016

International Council for Science

Review Panel Member leading integrated research for agenda 2030 in Africa (LIRA)

2015 till date

Working Group on WHO health worker's roles in safe abortion (SERAH)

London School of Hygiene and Tropical Medicine Liaison

2015

London, UK

London School of Hygiene and Tropical Medicine

Instructor, Introductory Course in Epidemiology and Medical Statistics (ICEMS)

2013 till date

Sage open, Journal of Public Health, World health Organization bulletin, BMC Pregnancy and Childbirth, BMJ Open, Population Health Metrics

Publications and presentations**Peer reviewed articles**

- Madziyire, M.G., Polis, C.B., Riley, T., Sully, E.A., **Owolabi, O.** and Chipato, T., 2018. Severity and management of postabortion complications among women in Zimbabwe, 2016: a cross-sectional study. *BMJ open*, 8(2), p.e019658.
- Radovich, E., Dennis, M.L., Wong, K.L., Ali, M., Lynch, C.A., Cleland, J., **Owolabi, O.**, Lyons-Amos, M. and Benova, L., 2018. Who Meets the Contraceptive Needs of Young Women in Sub-Saharan Africa?. *Journal of Adolescent Health*, 62(3), pp.273-280.
- Dennis, M.L., Radovich, E., Wong, K.L., **Owolabi, O.**, Cavallaro, F.L., Mbizvo, M.T., Binagwaho, A., Waiswa, P., Lynch, C.A. and Benova, L., 2017. Pathways to increased coverage: an analysis of time trends in contraceptive need and use among adolescents and young women in Kenya, Rwanda, Tanzania, and Uganda. *Reproductive health*, 14(1), p.130.
- Kapp, N., Blanchard, K., Coast, E., Ganatra, B., Harries, J., Footman, K., Moore, A., **Owolabi, O.**, Rossier, C., Shellenberg, K. and Wahlin, B., 2017. Developing a forward-looking agenda and methodologies for research of self-use of medical abortion. *Contraception*.
- Dennis M, Radovich E, Wong K, **Owolabi O**, Cavallaro FL, Mbizvo MT, Binagwaho A, Lynch CA, Benova L. Pathways to increased coverage: an analysis of time trends in contraceptive need and use among adolescents and young women in Kenya, Randa, Tanzania and Uganda (under review at BMC Reproductive Health)
- **Owolabi, O.O.**, Wong, K.L., Dennis, M.L., Radovich, E., Cavallaro, F.L., Lynch, C.A., Fatusi, A., Sombie, I. and Benova, L., 2017. Comparing the use and content of antenatal care in adolescent and older first-time mothers in 13 countries of west Africa: a cross-sectional analysis of Demographic and Health Surveys. *The Lancet Child & Adolescent Health*, 1(3), pp.203-212.
- Adler AJ, Martin N, Mariani J, Tajer CD, **Owolabi OO**, Free C, Serrano NC, Casas JP, Perel P. Mobile phone text messaging to improve medication adherence in secondary prevention of cardiovascular disease. *Cochrane Database of Systematic Reviews* 2017, Issue 4. Art. No.: CD011851. DOI: 10.1002/14651858.CD011851.pub2.
- Ishola, F, **Owolabi O**, and Filippi V. "Disrespect and abuse of women during childbirth in Nigeria: A systematic review." *PLOS ONE* 12.3 (2017): e0174084.
- Nyong J, Amit G, Adler AJ, **Owolabi OO**, Perel P, Prieto-Merino D, Lambiase P, Casas J, Morillo CA. Efficacy and safety of ablation for people with non-paroxysmal atrial fibrillation. *Cochrane Database of Systematic Reviews* 2016, Issue 11. Art. No.: CD012088. DOI: 10.1002/14651858.CD012088.pub2
- **Owolabi, O. O.**, Cresswell, J. A., Vwalika, B., Osrin, D., & Filippi, V. (2016). Incidence of abortion-related near-miss complications in Zambia: cross-sectional study in Central, Copperbelt, and Lusaka Provinces. *Contraception*.
- Sorhaindo, A. M., & Morris, J. L. (2016). **SERAH**: Supporting Expanded Roles for safe Abortion care by Health workers—A working group to enable the implementation of the WHO guidelines for expanded roles of health workers in safe abortion and postabortion care. *International Journal of Gynecology & Obstetrics*.
- Cresswell, J. A., Schroeder, R., Dennis, M., **Owolabi, O.**, Vwalika, B., Musheke, M., Campbell, O., Filippi, V. (2016). Women's knowledge and attitudes surrounding abortion in Zambia: a cross-sectional survey across three provinces. *BMJ Open*, 6 (3). doi:10.1136/bmjopen-2015-010076
- Sedgh, G., Filippi, V., **Owolabi, O. O.**, Singh, S. D., Askew, I., Bankole, A., et al. (2016). Insights from an expert group meeting on the definition and measurement of unsafe abortion. *International Journal of Gynecology & Obstetrics*.
- Wei, X., Li, H., Yang, N., Wong, S. Y., **Owolabi, O.**, Xu, J., Griffiths, S. M. (2015). Comparing Quality of Public Primary Care between Hong Kong and Shanghai Using Validated Patient Assessment Tools. *PloS one*, 10(3), e0121269.
- **Owolabi, O. O.**, Glenton, C., Lewin, S., & Pakenham-Walsh, N. (2014). Stakeholder views on the incorporation of traditional birth attendants into the formal health systems of low-and middle-income countries: a qualitative analysis of the HIFA2015 and CHIL2015 email discussion forums. *BMC pregnancy and childbirth*, 14(1), 118.
- **Owolabi, O.**, Zhang, Z., Wei, X., Yang, N., Li, H., Wong, S. Y., & Griffiths, S. M. (2013). Patients' socioeconomic status and their evaluations of primary care in Hong Kong. *BMC health services research*, 13(1), 487.

Non-peer reviewed publications

- **Owolabi O.O**, Cressell J.A., Filippi V. Near-miss abortion related morbidity: Exploring the utility of maternal near-miss as an indicator to improve the representativeness and comparability of estimates of the burden of unsafe abortion. Population Association of America 2016 conference.
- **Owolabi O.** Expert meeting on the definition and measurement of unsafe abortion. Strengthening Evidence for Programming on Unintended Pregnancy (STEP UP) and Guttmacher Institute meeting, London, United Kingdom; Jan 9-10, 2014. http://r4d.dfid.gov.uk/pdf/outputs/StepUp/2014STEPUP_UnsafeAbortionMeetingReport.pdf

- Weis Julianne, Ohanyido Francis, Bedford Juliet, **Owolabi Onikepe**. National and state-level interventions to scaling up maternal and newborn health interventions. March 2013
- Adeoye O., **Owolabi O.** Making of a country doctor: The Ilesha Perspective. IFEMED Journal 2008; 14: 117-118.

Manuscripts under review or development

- Dennis M.D, **Owolabi O.O.**, Cresswell J.A, Chelwa N, Colombini M, Vwalika B, Mbizvo M, Campbell O.M.R. Proposed signal functions to assess the capacity of health facilities to provide clinical care for sexual violence: a pilot study in Central Province, Zambia (Plos Medicine, submitted)
- Cresswell J.A., **Owolabi O.O.**, Chelwa N., Dennis M.D, Gabrysch, S, Vwalika B, Mbizvo M, Cambell O.M.R Facility capability to provide termination of pregnancy and post-abortion care services: an application of abortion signal functions to Central Province, Zambia (Nature scientific reports under review)
- Owolabi O.O., Biddlecom A.E.B, Whitehead H. The Healthcare Context of Abortion-related Morbidity and Mortality: A Comparative Analysis across 10 Countries (In development)
- **Owolabi O.O.**, Cresswell J., Dennis M., Agbla S., Musheke M., Vwalika B., Campbell O., Filippi V. How do contextual changes affect trends in abortion-related complications? A time series analysis of Zambian hospital data. (In development)
- **Owolabi O.O.**, Cresswell J., Dennis M., Bankole A., Campbell O., Vwalika B., Filippi V. How do the numbers compare? Estimating the incidence of induced abortion in Zambia using indirect methodologies that rely on community-based and facility-based data. (in development)

Datasets

- Dennis, M., Chelwa, N., Owolabi, O., Cresswell, J., Filippi, V. and Campbell, O., 2017. Zambia Signal Functions study 2016 dataset.

Selected presentations

- **Owolabi OO**, Cresswell JA, Vwalika B, Filippi V, Kusi-Appouh D. A Descriptive Analysis of the Clinical Management and Contraceptive Counselling Components of Routine Post Abortion Care in Zambian Hospitals. Poster presented at the Population Association of America Conference. April 2017
- Radovich E., Dennis M., Wong K., **Owolabi O.O.**, Lyons-Amos M, Lynch CA., Benova L. Who meets the contraceptive needs of young women? A study of first providers of family planning in 33 sub-Saharan African countries. Poster presented at the Population Association of America Conference. April 2017
- Radovich E., Dennis M., Lynch CA., Wong K., **Owolabi O.O.**, Lyons-Amos M, Benova L. Who meets the contraceptive needs of young women? A study of first providers of family planning in 33 sub-Saharan African countries. International Health Policy Conference. February 2017.
- **Owolabi O**, Cresswell J, Dennis M, Bankole A, Campbell O, Vwalika B, Filippi V. How do the numbers compare? Estimating the incidence of induced abortion in Zambia using indirect methodologies that reply on community-based and facility-based data. Presentation at the Africa regional conference on abortion. November 2016
- Rossier C, **Owolabi O**. The potential of community-based approaches to collect data on unsafe abortion. Presentation at the Africa regional conference on abortion. November 2016
- **Owolabi O**, Cresswell J, Filippi V. "Exploring the utility of obstetric near-miss as an indicator of unsafe abortion". Paper presented at the Population Association of America Conference. March 2016
- Dennis M, Nalubamba M, **Owolabi O**. "Are in-service LARC training programs enough? Supply-side barriers to intrauterine device use in Lusaka, Zambia". Paper presented at the International Conference on Family Planning, Indonesia. January 2016
- **Owolabi O**, Cresswell J, Filippi V. "Abortion-related near-miss morbidity in Zambia". Paper presented at Maternal and Neonatal Health beyond 2015 conference, Rabat, Morocco 25th November 2015

Software

- Proficiency in quantitative data analysis using Stata and R
- Basic proficiency in NVivo for analyzing qualitative data
- Proficient in RevMan, Gradepro (to apply Cochrane GRADE evidence rating), Eppi-reviewer and covidence
- Basic ArcGIS for spatial mapping
- Proficient in Microsoft Office suite, Endnote, Mendeley.
- Basic ODK programming skills for mobile data collection.

Languages

English (native), Yoruba (native), French (beginner)

Extracurricular interests

Board member Iwe League (NGO funding high school education for indigent but academically outstanding students in Lagos State, Nigeria. <http://iweleague.org>)

Amateur calligrapher

References available on request