

Olusola Akintoye Omisakin

Demographer and Health Data Scientist

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Education

Doctor of Philosophy (Ph.D.) in Sociology (Demography) Utah State University, Logan, Utah, United States	2023
Master of Philosophy (M.Phil.) in Demography and Social Statistics Obafemi Awolowo University, Ile Ife, Nigeria	2018
Bachelor of Science (B.Sc.) in Demography and Social Statistics (with First Class Honors) Obafemi Awolowo University, Ile Ife, Nigeria	2013

Professional Appointments

2023-Current	NICHD T32 Postdoctoral Fellow, Center for Safe and Healthy Children, The Pennsylvania State University
2019-2023	Graduate Teaching and Research Assistant, Department of Sociology and Anthropology, Utah State University, United States
2016-2019	Lecturer, Department of Demography and Social Statistics, Federal University, Birnin Kebbi, Nigeria
2018	Demographic Specialist, Adams Smith International West Africa Ltd (ASIWA), Abuja, Nigeria
2015	Graduate Intern, KPMG Consulting Firm Victoria Island, Lagos, Nigeria

Publications

Peer-Reviewed Articles

- 2024 **Omisakin, O.A.**, and Adedini, S.A. A longitudinal multilevel analysis of the effects of contraceptive failures on unintended pregnancies among women in urban Nigeria. *J Urban Health*. 2024. doi:10.1007/s11524-023-00819-7
- 2023 **Omisakin, O.A.**, Ulrich-Schad, J.D., Hunt, A., Givens, J.E., Beacham, M. Belief in Vaccine Myths and Vaccine Uptake in Utah During the COVID-19 Pandemic. *Preventive Medicine Reports*, 102390.

DOI: 10.1016/j.pmedr.2023.102390

- 2023 Adedini, S.A., and **Omisakin, O.A.** Comparing the reasons for contraceptive discontinuation between parenting adolescents and young women in sub-Saharan Africa: A multilevel analysis. *Reproductive Health*, 20 (115). DOI: 10.1186/s12978-023-01660-6
- 2023 Abbani, Y.A., Sawangdee, Y., **Omisakin, O.A.**, and Maretalinia, M. Socio-Demographic Determinants of Non-Utilisation of Antenatal Care Services by Women in the Northern Region of Nigeria. *Journal of Health Research*, 37(4). DOI: 10.56808/2586-940X.1043
- 2022 Adewoyin, Y., Odimegwu, C.O., Alabi, O., Akinyemi, J.O., and **Omisakin, O.A.** Intimate Partner Violence and the Spatial Pattern of Maternal Healthcare Services Utilization among Parous Married Women in Northern Nigeria. *Journal of Population Research*, 39, 617-636. DOI: 10.1007/s12546-022-09293-5
- 2021 **Omisakin, O.A.**, Park, H., Roberts, M.T., and Reither, E.N. Contributors to reduced life expectancy among Native Americans in the Four Corner States. *PLoS ONE*, 16(8). DOI: 10.1371/journal.pone.0256307
- 2020 Omoleke, S.A., Ajibola, O., **Omisakin, O.A.**, and Umeh, G.C. Vaccine hesitancy among medical practitioners. *Sahel Medical Journal*, 23(2), 126. DOI: 10.4103/smj.smj_32_18
- 2019 Adedini, S. A., **Omisakin, O. A.**, and Somefun, O. D. Trends, patterns, and determinants of long-acting reversible methods of contraception among women in sub-Saharan Africa. *PLoS ONE*, 14(6). DOI: 10.1371/journal.pone.0217574
- 2018 Gulumbe, U., Alabi, O., **Omisakin, O. A.**, and Omoleke, S. Maternal mortality ratio in selected rural communities in Kebbi State, Northwest Nigeria. *BMC Pregnancy and Childbirth*, 18(1), 503. DOI: 10.1186/s12884-018-2125-2
- 2018 Alabi, O., **Omisakin, O.A.**, and Alabi, A. Under-age marital childbirth in north-west Nigeria: Implications for child health. *African Population Studies*, 32(3), Article 3. DOI: 10.11564/32-3-1228
- 2018 Ajibola, O., Omoleke, S. A., and **Omisakin, O. A.** Current status of cerebrospinal meningitis and impact of the 2015 meningococcal C vaccination in Kebbi, Northwest Nigeria. DOI: 10.1016/j.vaccine.2018.01.084
- 2018 Ajibola, O., **Omisakin, O. A.**, Eze, A. A., and Omoleke, S. A. Self-Medication with Antibiotics, Attitude and Knowledge of Antibiotic Resistance among Community Residents and Undergraduate Students in Northwest Nigeria. *Diseases*, 6(2), 32. DOI: 10.3390/diseases6020032

- 2016 Titilayo, A., Palamuleni, M. E., and **Omisakin, O.A.** Sociodemographic factors influencing adherence to antenatal iron supplementation recommendations among pregnant women in Malawi: Analysis of data from the 2010 Malawi Demographic and Health Survey. *Malawi Medical Journal*, 28(1), 1–5. DOI: 10.4314/mmj.v28i1.1
- 2015 Titilayo, A., Palamuleni, M. E., and **Omisakin, O.A.** Knowledge of Causes of Maternal Deaths and Maternal Health Seeking Behaviour in Nigeria. *African Population Studies*, 29(2) DOI: 10.11564/29-2-784

Non-Refereed Publications

- 2017 Adedini, S.A., **Omisakin, O.A.**, Oyinlola, F.F., Abe, J.O., and Adetutu, O.M. “Poor Maternal and Child Health Care Utilization in Nigeria: Does Partners’ Age Difference Matter?” *Ife Social Sciences Review* 25:1–12.
- 2014 Titilayo, A., **Omisakin, O. A.**, and Ogunfowokan, A. A. Early Childbirth and its Implications for Household Living Condition Among Women in Nigeria. *Social Work Review*, 133–145.
- 2014 Titilayo, A., **Omisakin, O. A.**, and Ehindero, S. A. Influence of Women’s Attitude on the Perpetration of Gender-Based Domestic Violence in Nigeria. *Gender and Behavior*, 12(2). Ife Center for Psychological Studies/ Services.

Book Chapter

- 2020 Alabi, O., Shamaki, M. A., **Omisakin, O. A.**, Giro, M., & Odusina, E. K. Family and Household Issues in Northern Nigeria: Change and Continuity. In C. O. Odimegwu (Ed.), *Family Demography and Post-2015 Development Agenda in Africa* (pp. 287–300). Springer International Publishing.

Grants and Awards

- ❖ Utah State University Diversity Award in the student category. The Division of Diversity, Equity, & Inclusion. 2022.
- ❖ Clifford C. Clogg Scholarship to attend the Inter-university Consortium for Political and Social Research (ICPSR) summer program. 2022. \$2600.
- ❖ CHaSS Summer Graduate Student-Faculty Funding. Utah State University. 2022. \$5,000.
- ❖ Graduate Enhancement Award. Utah State University Student Association. 2021-22. \$5,000.
- ❖ International Student Council Scholarship, An award for leadership in the International Student Council, Utah State University. 2021-22. \$500.
- ❖ Utah State University Travel Award, for conference paper presentation at the Population Association of America annual meeting. 2022. \$1,300.

- ❖ Best Poster Presenter, Population Association of America annual meeting. 2021.
- ❖ Professor Aderanti Adepoju Prize, An award to a student with the overall best performance in the Department of Demography and Social Statistics, Obafemi Awolowo University, Nigeria. 2014.

Select Presentations

- 2022 **Omisakin, O.A.** Mother's educational attainment and diarrhea prevalence among Black children. Population Association of America Conference, Atlanta, Georgia.
- 2021 **Omisakin, O.A.**, Park, H., Roberts, M.T., Reither, E.N. Contributors to reduced life expectancy among Native Americans in the Four Corner States. Demography Seminar, Yun Kim Population Research Lab, Utah State University.
- 2021 **Omisakin, O.A.**, Reither, E.N., Park, H., Roberts, M.T. Contributors to reduced life expectancy among Native Americans in the Four Corner States. Population Association of America Virtual Conference.

Research in Progress

Oluwaseun Emoruwa, Gabe Miller, Gbenga Elufisan, Guadalupe Marquez-Velarde, David Ademule, **Olusola A. Omisakin**, Guizhen Ma, Stephanie Hernandez, and Verna Keith. "Physical Health among Black Immigrants by Region of Birth: A Test of the Racial Context Hypothesis." *Ethnicity and Health* (Submitted 02/02/2023)

Omisakin, O.A., Park, H., Schwartz, S.E., Noll, J.G., Buxton, O.M., Marquez-Velarde, G., Lim, S., and Reither, E.N. "Black-White disparities in adverse childhood experiences and body mass index trajectories from adolescence to adulthood in the United States." *Journal of Research on Adolescence* (Submitted 03/11/2024)

Courses Taught

Utah State University, United States

SOC 3120: Social Statistics I (F 2021, S 2023)

Federal University Birnin Kebbi, Nigeria

DSS 105/106: Mathematics for Social Scientists

DSS 302: Introduction to Demographic Analysis

DSS 305/405: Social Statistics

DSS 408: Reproductive Health

Professional Development

Modelers and Storytellers: Transdisciplinary Training to Advance Community Health Intervention Research

ICPSR summer course on structural equation models with latent variables at the University of Michigan. July 18 – August 12, 2022.

Development research in practice workshop, The World Bank Group's Development Impact Evaluation (DIME) department, September 2021.

Max Planck Institute for Demographic Research online course on data visualization – the art/skill cocktail (IDEM 181), June 2021.

Seventh annual Berkeley workshop in Formal Demography, Berkeley Population Center, University of California, May 2021.

Collaborative Institutional Training Initiative (CITI) on social and behavioral research, Utah State University, October 2020.

International teaching assistant workshop, Intensive English Language Institute, Utah State University, August 2020.

Grant proposal writing workshop, Utah State University, September 2019.

Technical and Job-related Skills

- Strong quantitative skills, and advanced knowledge of R/ R-markdown, SPSS, and Stata software
- Proficient in Microsoft Office suites and products, including MS-Word, MS-Excel, PowerPoint, and Teams.
- Experienced in collecting and utilizing surveys and administrative panel datasets.
- Trained in diversity, equity, and community building.

Community Service

Vice President (Student life and advocate), International Student Council, Utah State University, 2021-2022.

College of Humanities and Social Sciences (CHaSS) Representative on Graduate Student Council, 2021-2022.

Member of Utah State University Student Association (USUSA) Hearing Board, 2021-2022.
Poster Discussant for the Population Association of America, 2022.

Reviewer for: Epidemiology, PLoS ONE, Sleep Health, Scientific Reports, Contraception and Reproductive Medicine

Affiliations

Center for Safe and Healthy Children, The Pennsylvania State University, 2023-present

Sleep, Health & Society Collaboratory, The Pennsylvania State University, 2023-present

Professional Memberships

Sleep Research Society

American Sociological Association

Population Association of America

International Union for the Scientific Study of Population

International Sociology Honor Society (Alpha Kappa Delta)