

Olugbemisola Wuraola SAMUEL (Nee Adetoro)

B28 FRSC Quarters Extension, Kuje District, FCT, Abuja

Email: Adetorogbemisola11@yahoo.com; **mobile:** +2348087880025

Profile Summary

Samuel Olugbemisola W. had her first, second and third degrees in Demography and Social Statistics from Covenant University, Ota, Nigeria. Her thesis was titled, "Proximate Determinants: The Pathways of Influence of Underlying Factors on Under-five Mortality in Nigeria". She recently worked as a Senior Research Associate at the NOIPOLLS Limited, Maitama, Abuja. She is an alumna of the Young Scientists Summer Programme, Laxenburg, Austria. She has published peer reviewed papers and attended both local and international conferences. She has collaborations with the UN-Habitat, Nairobi, Kenya; International Institute for Applied System Analysis (IIASA), Vienna and the Wittgenstein Centre for Demography and Global Human Capital, Austria. Her research interests are in the areas of Maternal and child health, Family planning and Reproductive health, Energy and population development. She is proficient in the use of the following research and statistical software: STATA, SPSS, AMADO and ATLAS

Education Qualifications

- **Ph.D. Demography and Social Statistics (2013 -2017)**
Covenant University, Ota, Ogun State, Nigeria
- **M.Sc. Demography and Social Statistics (2012 -2013)**
Covenant University, Ota, Ogun State, Nigeria
- **B.Sc. Demography and Social Statistics (2006 -2010)**
Covenant University, Ota, Ogun State, Nigeria

Professional Experience

🚩 Policy Response and Data Analyst Consultant – Population Council, Utako Abuja Violence Against Women and Girls [VAWG] Project

- During my work with the Population Council, I was actively involved in the preparation of the protocol document for the Gender-based violence project (currently ongoing project) sponsored by the United Nations Development Programme (UNDP). The data source for the survey was built on the triangulation approach and I was privileged to design the methodology for the quantitative survey with focus on the enumeration of 2,400 households within Lagos, Cross River, Adamawa, Ebonyi, Abuja and Sokoto states representing the major 6 (six) geo-political zones in the country.
- I also developed the research instruments for the household survey, specifically, the male and female questionnaire.

✚ **Senior Research Associate at Ngozi Okonjo-Iweala (NOI) POLLS - NOIPOLLS Limited, Maitama, FCT Abuja, Nigeria.**

- I gave relevant and technical advice towards major research project and survey jobs of the organization. I was in charge of survey instrument designs, data analyses, project proposal preparation, monitoring and evaluation process of the organizational projects.
- I was also the “Demographer and Analyst Expert” on the Palladium Project at NOIPOLLS (Target states: Sokoto, Bauchi and Kebbi): **Sept 2020 – Feb 2021**

✚ **2020 Committee Member on COVID-19 Modelling and Evidence Synthesis** led by Prof. Ibrahim Abubakar of the University College London. Reporting to the Presidency office/ Presidential taskforce under the auspices of the Nigeria Centre for Disease Control (NCDC).

✚ **Senior Researcher on Contract - Population Council, Utako, Abuja, Nigeria: February 2020 – August 2020:**

IntegratE Project

- Worked as a consultant researcher on behalf of the **Population Council, Nigeria** in conjunction with the **Society for Family Health** on the **IntegratE Project**. The IntegratE Project is a 4-year initiative (2017-2021) funded by the Bill & Melinda Gates Foundation and MSD for Mothers that seeks to increase access to contraceptive methods by involving the private sector (CPs and PPMVs) in family planning (FP) service delivery in Lagos and Kaduna States.
- I was privileged to anchor Focus Group discussions with the providers of family planning services in the piloted states (i.e., Lagos and Kaduna) for the project and Key Informant interviews with the stakeholders at the association level up till the representatives of the governments.
- I developed story lines, policy briefs and research abstracts based on specific themes which guided the kind of data elicited from the qualitative study conducted.

✚ **Researcher at the International Institute for Applied Systems Analysis -IIASA, Laxenburg, Austria (June – August, 2017)**

- I worked at the World Population Unit and did a study on a research theme that focused on “Dependency on Use of Biomass fuel within the Households and the effects on Under-five Mortality in Nigeria”. The study came up with policy implied findings tailored to improving the survival rate of under-five children in Nigeria.

✚ **Demographic and Analyst Expert at the Monitoring and Evaluation Unit • United Nations-HABITAT, Nairobi, Kenya (May – August, 2015)**

- I worked as a Junior Consultant on a project which focused on the “Structural Transformation in the Economies of 33 selected countries in Africa.
- I worked on the literature review and assisted in pooling of relevant data for the

project

- I also assisted in the data analyses.

+ Conference Program Committee Member for the 35th International Business Information and Management Association- (IBIMA) Conference, Madrid, Spain, 2020.

- Reviewed allocated academic papers submitted for the conference and provided relevant comments that better improved the paper.

+ Conference Program Committee Member for the 34th International Business Information and Management Association- (IBIMA) Conference, Madrid, Spain, 2019.

- Reviewed allocated academic papers submitted for the conference and provided relevant comments that better improved the paper.

+ Peer- Reviewed for the following academic journals

- Journal of Child Health Care (2020)
- International Journal of Population Data Science – (2020)
- African Journal of Economics and Management Studies (2019) – indexed in Scopus
- Cogent Arts and Humanities (2019) – Indexed in Scopus

+ Peer Education Trainer (2010 -2011)

On the platform of the National Reproductive Health and HIV/AIDS Preventive and Care Project, under the auspices of the National Youth Service Corps Scheme and UNICEF, Nigeria


+ Demography and Social Statistics Lecturer at Covenant University, Ota, Ogun State, Nigeria: (March 2012 – August 2020)

- Taught the following courses at both undergraduate and post-graduate levels;
 - Demographic estimation and evaluation
 - Demographic Techniques I &II
 - Demographic Situation in Developing Countries
 - Statistics for Business and Social Sciences
 - Statistical method for data collection, processing and analysis
 - Research methods
 - Basic Econometric Methods
- Supervised 10 undergraduate projects during the period
- Assessed four (4) M.Sc. Dissertations and reviewed at the preliminary stage one (1) PhD thesis.
- Supervised the data collection process of the Demography and Social Statistical yearly project on Maternal and Child Health in Ota and environs

- Published fourteen (14) academic publications in peer-reviewed journals, some of which were indexed in Scopus and web of science.
- Attended several academic conferences both at the local and international levels

Field Supervisor and Data Analyst

- **Citizen Participation in Primary Health Care Policy Implementation Survey in Ogun State (2018).**
 - The project focused on the level of utilization of health facilities in the communities (barriers and other factors) among pregnant women and nursing mothers.
 - On this project I acted as the Project manager and also as the data manager
 - I reviewed the research instruments that were administered to the users of the facilities (pregnant women and nursing mothers) and stakeholders.
 - I coordinated the research visits to 33 Primary Health Care Centers and Health Clinics selected through a multi-stage sampling method in 12 Local Government Areas in Ogun State.
 - I anchored 6 Key Informant Interviews with the coordinators of the Primary Health Care Centers and oversee the Focus Group Discussions.
- **Ebola Research Survey conducted in Lagos and Ogun State, Nigeria (2015).**
 - Played a major role in the drafting of the questionnaire for the survey
 - Acted as a field supervisor and also conducted 6 key informant interviews with stakeholders such as the Oba of Owode land, Iya-Loja of Owode, The Principal of Owode Grammar School, etc.
 - Actively involved the data cleaning and processing

-  **Women Cancer Awareness Research in Ogun and Kwara State Nigeria (2014/2015)**
 - Played a major role in the drafting of the questionnaire for the survey from the preliminary stage till the final stage.
 - Acted as a Project supervisor for the study in Ogun and Kwara states
 - Actively involved the data cleaning and processing
 - Also, involved in the report writing at specific stages of the project

Data Manager and Field Supervisor in the Maternal Health Literacy Survey (2013 - 2015)

- Maternal Health Literacy Survey in Owode- yewa L.G.A., Ogun State, Nigeria, (2015).
- Maternal Health Literacy Survey in Ado-odo/Ota, Ogun State, Covenant University (2014).
- Maternal Health Literacy Survey in Ado-odo/Ota, Ogun State, Covenant University (2013).

Field Assistant

- Socio-cultural Context of Maternal Health in Lagos State, Nigeria (2011).
- Street Trading Research, Covenant University, Ota (2010).
- Town and Gown Consultative Approach to Poverty Reduction in Nigeria (TAGAPRIN),

- Covenant University (2009).
- Socio-economic Factors Influencing Teenage Pregnancy: A Case Study of Ado-Odo Ota Local Government Area, Ogun State, Nigeria (2009).

✚ **Panel Interviewer (CUSAS 2018)**

- Covenant University Scholastic Aptitude Screening

✚ **Graduate Assistant (2012 - 2013)**

Demography and Social Statistics Covenant University, Canaan land Ota, Ogun State

- ✚ **Pioneer executive member** of the Helping Other People Excel Foundation- HOPE (HOPE was founded by the Covenant University Alumni Association in 2012)

- ✚ **Volunteer** at the Virtuous Women Orphanage Home (2010 -2011) Ugep, Yakurr Local Government Area, Cross River State

Teaching Areas

Undergraduates

- ✚ Data Collection, Processes and Analysis in Social Sciences
- ✚ Demographic Data Evaluation/ Estimation
- ✚ Introduction to Health & Population I & II
- ✚ Public Health Emergencies and Preparedness I & II
- ✚ Basic Econometrics Analysis
- ✚ Demographic Situations in Developing Countries
- ✚ Statistics for Business and Social Sciences

Postgraduates

- ✚ Maternal, Child and Adolescent Health
- ✚ Demographic Techniques I & II
- ✚ Quantitative Research Methods
- ✚ Advanced Demographic Techniques I & II

Trainings/Certifications/Membership of Professional Bodies

- ✚ Certificate in Advanced Statistical Data Analysis -SPSS (March, 2018)
- ✚ Certificate in Leadership Development, (April, 2017)
- ✚ Member of the European Association of Population Studies, (2016)
- ✚ Member of the International Union for the Scientific Study of Population, (2012).
- ✚ Member of the Population Association of Nigeria, (2012).
- ✚ Trained and advanced proficient Data Analyst in STATA (2013)
- ✚ Trained and advanced proficient Data Analyst in Statistical Package for Social Sciences- SPSS (2012)
- ✚ Member of the National Reproductive Health and HIV/AIDS Preventive and Care Project through the National Youth Service Corps Scheme, Nigeria (2011)

- ✚ Trained Project Management Professional (June, 2011).
- ✚ Member of the Institute for Strategic Management of Nigeria (2011)

Awards and Grants

- ✚ **Certificate of Excellence** for outstanding paper review. Awarded by the International Committee Board of the 35th IBIMA International Conference, 2020. <https://ibima.org/conference/35th-ibima-conference/#ffs-tabbed-13>
- ✚ **Certificate of Appreciation for paper review.** Awarded by the International Committee Board of the 35th IBIMA International Conference, 2020
- ✚ **Certificate of Excellence** for outstanding paper review. Awarded by the International Committee Board of the 34th IBIMA International Conference, 2019.
- ✚ **Certificate of Appreciation for paper review.** Awarded by the International Committee Board of the 34th IBIMA International Conference, 2019
- ✚ Won a cash prize of \$ 100 for being the best Student in Demography and Social Statistics (Ph.D.), 2017
- ✚ **Won a research grant of 5000 euros for the 2017 Young Scientists Summer Programme (YSSP)** organized by the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. http://www.iiasa.ac.at/web/home/about/giving/annual_fund/recipients.html
- ✚ Active member of a Research Cluster work on Knowledge, Attitude and Practices. Study on Ebola in Lagos and Ogun State, Nigeria. A total of 2.3 million naira grant awarded by Covenant University, Ota, Nigeria (2015).
- ✚ Vibrant and active member of a Research Cluster work on Knowledge, Attitude and Practices of Women towards Breast and Cervical Cancer in Nigeria. A total of 1.3 million grant awarded by Covenant University, Ota, Nigeria (2014).
- ✚ Best Student in Demography and Social Statistics (B.Sc.), Class 2010.
- ✚ Best Student in the Mathematics for Economics course at Covenant University, (2008).

Publications

- 1) Ogunsakin, R.E., Akinyemi, O., Babalola, B.T., **Adetoro, G.** (2020). Spatial pattern and determinants of anemia among women of childbearing age in Nigeria. *Spatial and Spatio-temporal Epidemiology*, 36:100396. <https://doi.org/10.1016/j.sste.2020.100396>
- 2) Fasina, F., Oni, G., Oduaran, A., & **Samuel, G.**, | Amoo, E.O., (Reviewing editor) (2020) Trends in maternal health facilities utilization and women's autonomy in Nigeria (2013-2018): Attainment of sustainable development goals-5, *Cogent Arts & Humanities*, 7:1, DOI: [10.1080/23311983.2020.1823598](https://doi.org/10.1080/23311983.2020.1823598)
- 3) Gayawan, E., Awe, O., Oseni, B., Uzochukwu, I., Adekunle, A., **Samuel, G.**, . . . Adegboye, O. (2020). The spatio-temporal epidemic dynamics of COVID-19 outbreak in Africa. *Epidemiology and Infection*, 148, E212. doi:10.1017/S0950268820001983.
- 4) Amoo, E.O., Adekeye, O., Olawole-Isaac, A., Fasina, F., Adekola, P.O., **Samuel, O.**, Akanbi, M., Oladosun, M. and Azuh, D. E., (2020). Nigeria and Italy Divergencies in

- Coronavirus Experience: The Impact of Population Density. *The Scientific World Journal, Hindawi*, Vol. 2020, Article ID 8923036. <https://doi.org/10.1155/2020/8923036>.
- 5) Dominic E. Azuh, Shalom Chinedu, Olugbemisola W. Samuel, Akunna Azuh, Grace Joshua & Emmanuel O. Amoo, (2019). Factors Influencing the Survival of Under-five Children among Women Visiting Government Health Care Facility in Semi-urban Communities in Nigeria. *Cogent Arts and Humanities*; 6(1). Published by Taylor & Francis. doi/full/10.1080/23311983.2019.1686800.
 - 6) Oladosun M, Akanbi M, Fasina F, Samuel O., (2019). Key predictors of modern contraceptive use among women in marital relationship in South-West region of Nigeria. *Int J Reprod Contracept Obstet Gynecol* 2019 July; 8(7):2638 - 2646.
 - 7) Olumuyiwa Ajayi, Peyi Soyinka-Airewele, Olugbemisola Samuel, (2019). Gentrification and the Challenge of Development in Makoko, Lagos State, Nigeria: A Rights-Based Perspective. *Environmental Justice*. <http://doi.org/10.1089/env.2018.0020>.
 - 8) Amoo, E.O., Adekola, P.O., Olawole-Isaac, A., Samuel, G.W., Akanbi, M.A., Ajayi, M.P. & Agboola, O.O., (2019). Science, Technology, Engineering and Mathematics: Where is the place of Demography? A Position Paper on Demography and STEM. *International Journal of Mechanical Engineering and Technology* 10(2), 2019, pp. 187–197. <http://www.iaeme.com/IJMET/issues.asp?JType=IJMET&VType=10&IType=2>.
 - 9) Olugbemisola W. Samuel, Gbolahan Oni, Samir KC, Marcus Wurzer & Akanni Akinyemi, (2018). Household Use of Solid Fuel for Cooking and Under-five Mortality. *African Population Studies*, 32(1), Supplementary.
 - 10) Olawande, Tomike Ibironke, Edewor, Patrick, Jegede, Ayodele S, Fasasi, L. T. and Samuel, Gbemisola W. (2018). An Exploration of Gender Differentials on Availability of Mental Healthcare Services among the Yoruba of Ogun State, Nigeria. *International Journal of Emergency Mental Health and Human Resilience*, 20 (1). pp. 1-7. ISSN 1522-4821.
 - 11) Adeyemi, E.O. and Adetoro G.W., (2017). Female Autonomy and Use of Family Planning: Implications for Maternal Health Challenges in Nigeria. *Ilorin Journal of Sociology*, 9 (1), 82 – 94.
 - 12) Samuel, G.W. and Oni, G.A., (2017). Changing Levels and Patterns of Under-Five Mortality in Nigeria: Empirical Evidence from Nigeria Demographic and Health Survey. *Covenant International Journal of Psychology*, 2 (2). <http://journals.covenantuniversity.edu.ng/index.php/cijp/article/view/747/524>
 - 13) Samuel, Gbemisola W., Ajayi, Mofoluwake P., Idowu, Adenike E. & Ogundipe, Oluwatomisin, O. (2016). Levels and Trends in Household Source of Cooking Fuel in Nigeria: Implications on Under-five Mortality. *Health Science Journal*, 10 (4:13). ISSN: 1791-809X.pub
 - 14) Adetoro, G. W. and Amoo E. O. (2014). A Statistical Analysis of Child Mortality: Evidence from Nigeria. *Journal of Demography and Social Statistics* , Vol. 1, March, 2014. Department of Demography and Social Statistics, Obafemi Awolowo University, Ile-Ife. Nigeria. 2014.
 - 15) Akanbi, M. A, Adetoro, G. W. and Okoya, O. O. (2013). Undergraduates Perspectives on Sex education and teenage pregnancy in Covenant University, Ota, and Ogun State, Nigeria. *Gender and Behaviour*, Vol.11 No.1, 2013. The Ife Center for Psychological Studies, Obafemi Awolowo University, Ile-Ife, Nigeria.
 - 16) Akanbi, M. A, Adetoro, G. W. and Duru, O. (2013). Influence of Socio-Cultural factors

on Child's upbringing in Oshodi/Isolo Local Government Area of Lagos State, Nigeria. *Ife PsychologiA*, Vol.21, No 1, 2013 . Ife Center for Psychological Studies, Obafemi Awolowo University, Ile-Ife, Nigeria.

Academic Research Projects

- ✚ SAMUEL, G.W., (2017). Proximate Determinants: The Pathways of Influence of Underlying Factors on Under-five Mortality in Nigeria. A Ph.D. Thesis submitted to the Department of Economics and Development Studies, Covenant University, Ota, Nigeria.
- ✚ Adetoro, G.W., (2013). Levels and Predictors of Under-five Mortality in Nigeria. A Master of Science Dissertation submitted to the Department of Economics and Development Studies, Covenant University, Ota, Nigeria.
- ✚ ADETORO, G.W., (2010). Socioeconomic Factors Influencing Teenage Pregnancy in Ado-Odo/Ota, Ogun State, Nigeria. A Bachelor of Science Degree Project, Department of Economics and Development, Covenant University, Ota, Ogun State, Nigeria.

Book Contributions

- 1) **SAMUEL Gbemisola W.** (2016). Migration, Urbanization and Higher Education in Nigeria. In Oyefara J. Lekan (eds.) Migration and Urbanization in Contemporary Nigeria: Policy Issues and Challenges. Department of Sociology, University of Lagos, Nigeria. 2016. ISBN: 978-978-54351-6-0
- 2) AMOO Emmanuel O., **ADETORO Gbemisola** and OLA-DAVID Oluyomi (2014). Sexuality in indigenous Migration within Urban Sprawl in Nigeria: Implications for Industrial Development, In Imhonopi David and Ugochukwu M. Urim (eds.) Trajectory to Industrial Development in Nigeria.” Department of Sociology, Covenant University. Ota, Nigeria. 2014.

Conferences attended and Papers presented

- ✚ **SAMUEL, G.W.**, IDOWU, A.E., OGUNDIPE, O.O. and AJAYI, M.P. (2016). Levels and Trends in Household Source of Cooking Fuel in Nigeria: Implications on Under-Mortality.
Conference Theme: European Population Conference, 2016
Date: August 31st –September 3rd, 2016
Venue: Johannes Gutenberg University, Mainz, Germany
- ✚ **SAMUEL, G.W.**, ONI, G.A. and AKINYEMI, A.I (2016). Breast Feeding Practices: A Proximate Determinant of Under-five Mortality in Nigeria.
Conference Theme: 7th Demographic Conference of “Young Demographers”
Date: February 11th-12th, 2016
Venue: Charles University, Prague, Czech Republic
- ✚ ONI, G.A. and **SAMUEL, G.W.**, (2016). Effect of Birth Spacing on Under-five Mortality

in Nigeria: A Proximate Determinant Approach

Conference Theme: 3rd International Conference on African Development Issues

Date: May 9th - 11th, 2016

Venue: African Leadership Development Center, Covenant University, Ota, Nigeria

- ✚ Oni, Gbolahan A. and **Adetoro, Gbemisola W.** (2015). Changing Levels and Patterns of Under-Five Mortality in Nigeria: Empirical Evidence from Nigeria Demographic and Health Surveys. (Accepted for Poster Presentation)
Conference Theme: PAA, 2015 Annual Meeting
Date: April 30th - May 2nd, 2015
Venue: San Diego

- ✚ **Adetoro, G.W.**, Ekanem Ini-Mfon, Olawole-Isaac, A. and Amoo, E.O. (2013). Vulnerability of Children of Street Trading Nursing Mothers to Disaster Risk Diseases in Urban Nigeria: Strategies for Mitigation. (Oral Presentation)
Conference Title: Nigeria Anthropological and Sociological Practitioner Association.
Venue: Covenant University, Ogun State, Nigeria.
Date: 4th – 7th November, 2013.

- ✚ Amoo, E.O., **Adetoro, G.W.**, and Olawole-Isaac, A. (2013). Effects of Adolescents Exposure to Sexual Contents on Social Media in Nigeria. (Oral Presentation)
Conference Title: International Business Information Management Conference (22nd IBIMA)
Venue: Rome, Italy
Date: 13-14th of November, 2013.

- ✚ Adeyemi, E.O., and **Adetoro, G.W.** (2013). Female Autonomy, Use of Family Planning and Maternal Health in Nigeria (Poster Presentation) Conference Title: 2013 International Conference on Family Planning
Venue: Ethiopia
Date: 12-15 November, 2013.

- ✚ **Adetoro, G.W.** and Fadayomi, T.O. (2013). Migration and Youth Unemployment in Nigeria: Reflections from an Empirical Study (Poster Presentation).
Conference Title: XXVII IUSSP International Population Conference
Venue: Busan, Korea
Date: 26-31 August, 2013.

Research Areas

- Maternal and Child Health
- Family planning and Reproductive Health
- Energy and Health
- Population and Development issues

Statistical Software Skills

- SPSS
- STATA
- ATLAS
- AMADO

References

Available upon request