

# Emmanuel Olawale OLAMIJUWON

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Lecturer & Data Analyst

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## EDUCATION

University of the Witwatersrand, Ph.D. Demography and Population Studies Ongoing

Thesis: *Advancing Sexual Health Education for African Young Adults in the Digital Age.*

University of the Witwatersrand, M.A. Demography and Population Studies 2017

Research Report: *Relationship Between Social Cohesion and the Health Status of Adults in South Africa.*

University of the Witwatersrand, B.A(Hons). Demography and Population Studies 2015

Research Report: *Partner Age Difference and Fertility in Uganda.*

Joseph Ayo Babalola University, B.Sc(Hons). Demography 2013

Research Report: *Effect of Maternal Knowledge and Practices on Child Health in Osun-State, Nigeria: A comparative Analysis of Urban and Rural Places of Residence.*

## EMPLOYMENT

### Current Positions

University of Eswatini (UNISWA.SZ):

**Lecturer** February 2018 — till date

*Teaching undergraduate courses in demography and population Studies; Participating in the development and review of undergraduate curriculum in demography and population studies; Supervision of undergraduate research projects; Contributing to research and capacity development in the discipline; and actively participating in community and professional services.*

Sexually Healthy and Young Adults Research Network (SHYad.NET):

**Project Coordinator** April 2018 — till date

*Involved in the planing and coordination of project activities, design and development activities for timely completions; Monitoring project schedules regularly to assess any delays or deviations; Cordinating all team members involved to keep workflow on track; Lead data analyst for the project using data obtained from the network; Responsible for the preparation and submission of manuscripts from the project for publication and presentation at conferences.*

Global Health Mentorships ([ghmentorships.org](http://ghmentorships.org)):

**Program Facilitator**

July 2018 — till date

*Acting as the focal point for the assigned students and young professionals (SYP) - Mentor groups throughout the GHMe Mentoring program; Actively involved in the interviewing and selection process of the SYPs and Mentees for the program, with assistance from the overall GHMe team; Coordinating and monitoring the assigned Mentor-SPYs group's activities and progress.*

**Previous Positions**

Institute for Health Measurement (Swaziland):

**Data Analyst**

May 2017–January 2018

*Conducted capacity building activities among the internal monitoring and evaluation team of the ministry of health to analyze data from the CMIS; Provided support for manuscript writing for presentation at national and international conferences; Contributed to the creation of the organization's data analysis plan; Worked with the ministry of health (Swaziland) and other implementing partners to analyze and interpret data from the country's electronic medical record; Provided support for the routine data quality assessment of the country's electronic medical record.*

University of the Witwatersrand (South Africa):

**Research Intern**

January 2017—April 2017

*Participated in research proposal writing and presentations for the department; Contributed to the department's research agenda through participations at conferences; Coordination of and participation in programme events for/by the department*

**Research Assistant**

June 2015–December 2016

*Worked with Prof. Odimegwu in the administration of ongoing research projects; Contributed to research report writing, data management and analysis for university research projects; Responsible for the preparation and submission of manuscripts for publication and presentation at conferences.*

FlairSystems Global Resources (Nigeria):

**Owner, Data Analyst and Creative Artist**

April 2012–December 2015

*Provided data inputting, cleaning and analysis support to undergraduate students; Principal graphics designer and artist for the company.*

Local Government Secondary School, Ayede (Nigeria):

**Computer Teacher**

January 2014–October 2014

*Taught computer science subject to students in the high school; Engaged students in active, hands-on, creative problem-based learning; Provided opportunities for students to apply and practice what is learned; Assessed and records student development, while identifying problem areas and areas which need school management attention*

*and improvement; possessed and developed working knowledge of national curriculum programmes and frameworks; Maintained order and discipline among students while promoting safety and compliance with school rules and guidelines; Participated in high school curriculum development for the local government.*

*Vickayor Private School, Osun (Nigeria):*

**Mathematics Teacher**

March 2011–February 2012

*Taught mathematics subject to students in the elementary/primary school; Developed lesson plans which meet established school and national curriculum models for the mathematics subject; Adapted and reassessed lesson plans and curriculum to meet specific student needs while maintaining overall class progress; Provides a safe, positive learning environment for students; Managed the diverse ability levels of students in the classroom;*

**TEACHING AND COURSES TAUGHT**

*University of Eswatini (formerly Swaziland):*

DEM 214 - Quantitative Methods in Demography	2018 - till date
DEM 215 - Population Dynamics I	2018 - till date
DEM 216 - Population Dynamics II	2018 - till date
DEM 311 - Population Projection and Estimates	2018 - till date

*Guest Lecturer: University of the Witwatersrand (South Africa):*

SOSS4047/SOSS7070 - Statistics for Demographic Survey and Analysis	2018
SOSS4047/SOSS7070 - Statistics for Demographic Survey and Analysis	2019

**OTHER RELEVANT TRAININGS**

**[Online - DataCamp].**

Structural Equation Modeling with lavaan in R	2019
Dimensionality Reduction in R	2019
Intermediate R	2018
R for SAS, SPSS and STATA Users	2018
Introduction to the Tidyverse	2018
R-Programming.	2017

**R-Ladies, Johannesburg, South Africa.**

Introduction to Machine Learning	2018
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**University of Eswatini (formerly Swaziland), Kwaluseni, Swaziland.**

Proposal and Grant Writing Training Workshop 2018

**African Doctoral Academy, Stellenbosch University, South Africa.**

Workshop in Scientific Writing Skills for Practitioners 2018

Essentials of R. 2018

Principles of Project Management 2018

Atlas.ti\* 2018

**University of Cape Town, South Africa.**

*Partner Location for the Princeton University, USA.*

Summer Institute in Computational Social Sciences 2018

**United States Agency for International Development (USAID), Swaziland.**

Data for Decision-Making and Capacity Strengthening Workshop 2017

**International Population Conference, Cape Town, South Africa.**

Computational Social Science - Social Media and Big Data. 2017


**Statistics South Africa, Johannesburg, South Africa.**


*Hosted during the Annual Population Association of Southern Africa Conference.*

Spatial data analysis using Q-GIS.\* 2017


## **RESEARCH CONTRIBUTIONS**


### *Peer-Reviewed Journal Articles*


Ojoniyi O., Odimegwu, C.O., **Olamijuwon, E.O.** and Akinyemi, J.O. "Role of Maternal Education in Reducing the Effect of Maternal Disadvantage on the Risks of Anemia among Children under-five Years in Tanzania." BMC Paediatrics, 19:89 [Available online](#) 


Odimegwu, C.O., Akinyemi, J.O., Banjo, O.O., **Olamijuwon, E.O.** and Amoo, E.O. (2018). "Fertility, Family Size Preference and Contraceptive Use in Sub-Saharan Africa: 1990-2014." African Journal of Reproductive Health, 22 (4): 44-53 [Available online](#) 


**Olamijuwon, E.O.**, Odimegwu, C.O. and DeWet N. (2018) "Social cohesion and the self-rated health status of adults in South Africa." Health & place, 51, 89-96 [Available online](#).

Odimegwu, C. O., & **Olamijuwon, E. O.** (2018). "Potentials for Demographic Dividend and Rapid Economic Growth in Mali: What Policy Scenario Would Yield the Greatest Dividend?." Population Horizons. [Available online](#) 

**Olamijuwon, E. O.**, Chisumpa, V. H., and Akinyemi, J. O. (2017). "Unveiling the realities of marrying too young: implications of child marriage on sexual and reproductive health of girls and infant survival in Sub-Sahara Africa." *African Population Studies*, 31. [Available online](#) 

Olamijuwon, E. O., Odimegwu, C. O., Gumbo, J., & Chisumpa, V. H. (2017). "Single motherhood and marasmus among under-five children in Sub-Saharan Africa: a regional analysis of prevalence and correlates." *African Population Studies*, 31(1). [Available online](#) 

Banda, P. C., Ntoimo, L. F. C., and **Olamijuwon, E. O.** (2017). "Living arrangements and nutritional status of under-five children in Sub-Saharan Africa." *African Population Studies*, 31. [Available online](#) 

**Olamijuwon, E. O.**, and Gumbo, J. (2016). "Fertility behaviour in Uganda: Does partner age difference matter?." *African Population Studies*, 30(2). [Available online](#) 

### **Journal Articles Under Review**

Odimegwu, C.O. **Olamijuwon, E.O.** and Chemhaka, G. "Involuntary Childlessness and Marital Infidelity Among Women in Sub-Saharan African Countries: An Assessment of the Role of Woman's Education." *Archives of Sexual Behaviours* [Under review]

Odimegwu, C.O. and **Olamijuwon, E.O.** "The sexual and reproductive behaviour of single women in sub-Saharan Africa: A multi-country analysis of the role of biological clock." *Reproductive Health* [Under review]

Ajayi, A.I. and **Olamijuwon, E.O.** "Determinants of condom use self-efficacy among young adults in Nigeria." *PlosONE* [Under review]

Somefun, O.D. and **Olamijuwon, E.O.** "Community structure and timing of first sex among youth in Nigeria." *The Journal of Sex Research* [Under review]

Odimegwu, C.O., **Olamijuwon, E.O.**, Chisumpa, V.H., Akinyemi, J.O., Singini, M. and Somefun, O.D. "Children Before Marriage: Prevalence, Timing and Correlates of Progression from the First to having the Second Pre-Marital Birth in Sub-Saharan Africa." *BMC Preg & Childbirth* [Under review]

Akinyemi, J.O., Somefun, D.O., **Olamijuwon, E.O.** and DeWet, N. "How long was the honeymoon? Accelerated failure time model of spousal violence initiation among women in sub-Saharan Africa.." *Women & Health* [Under review]

### **Oral/Flash Conference Presentations**

**October 2018:** Childlessness and Risky Sexual Behaviors among Married Women in sub-Sahara Africa. *9th Cross Faculty PG Symposium*, Johannesburg, South Africa

**November, 2017:** Is HIV Status a License to Risky Sexual Behaviours? Contextualizing Risky Sexual Behaviors among Young HIV-positive Swazis. *National Health Research Conference*, Swaziland.

**November, 2017:** Ben10 or Cougars, sexual behaviour of single women in sub-Saharan Africa: Implications for sexual and reproductive health. *International Population Conference*, Cape Town, South Africa. [Scientific program](#)

**November, 2017:** Unveiling the realities of marrying too young: Evidence from child brides in sub-Saharan Africa and infant mortality implications. *International Population Conference*, Cape Town, South Africa. [Scientific program](#)

**November, 2017:** How long was the honeymoon? Timing of the first sexual experience of spousal violence among married women in sub-Saharan Africa. *International Population Conference*, Cape Town, South Africa. [Scientific program](#)

**July 2017:** Blessings in Disguise: Reaping the Dividends of a Changing Age Structure in two Francophone West African Countries. *Population Association of Southern Africa Conference*, Pretoria, South Africa.

**June 2016:** Non-Marital Childbearing in Sub-Saharan Africa: Levels, Differentials and Determinants. *Family Demography Conference*, Johannesburg, South Africa.

**June 2016:** Living Arrangements and Nutritional Health of Under-Fives in sub-Saharan Africa. *Family Demography Conference*, Johannesburg, South Africa.

**December 2015:** Beyond Adolescents: Patterns and Correlates of Sexual Behaviour of Men Aged 50+ in sub-Saharan Africa. African Population Conference, Johannesburg. [Scientific program](#)

#### **Poster Conference Presentations**

**November 2018:** Revising the measure of contraceptive prevalence: recent levels and trends in sub-Saharan Africa. *International Conference on Family Planning*, Kigali, Rwanda. [Scientific program](#)

**October 2018:** Gender Differences in Birth Registration Completeness in Nigeria. *Ending Gender Inequalities Conference*, Johannesburg, South Africa [Conference website](#)

**April 2018:** Social Media as a Communication Tool for Improving Adolescents' Sexual and Reproductive Health. *Population Association of America (PAA) Annual Meeting*, Denver, USA. [Scientific program](#)

**November 2017:** Social Cohesion and Health among adults: an African perspective. *International Population Conference*, Cape Town, South Africa. [Scientific program](#)

**April 2017:** Unveiling the realities of marrying too young: Evidence from child brides in sub-Saharan Africa and infant mortality implications. *Population Association of America (PAA) Annual Meeting*, Chicago, United States. [Scientific program](#)

**April 2016:** Single Motherhood and Marasmus Among Under-Fives in Sub-Saharan Africa: A Regional Analysis of Prevalence and Correlates. *Population*

*Association of America (PAA) Annual Meeting, Washington, United States. [Scientific program](#)*

**December 2015:** Partner Age Difference and Fertility in Uganda. African Population Conference, Johannesburg. [Scientific program](#)

## INTERESTS

*Adolescent health, Sexual health, Reproductive Health, Maternal health, Child health #Computational-SocialScience, #DigitalDemography, #SpatialDemography, #Africa, #rstats, #SocialNetworkAnalysis, #DataScience, #MachineLearning*

## SCHOLARSHIPS, RESEARCH GRANTS, & AWARDS

**2019:** 2019-2020 Policy Communication Fellowship, *Population Reference Bureau (PRB) and the African Institute for Development Policy (AFIDEP)*, Malawi.

**2018:** Southern African Systems Analysis Centre Doctoral Fellowship, *National Research Foundation*, South Africa.

**2018:** Postgraduate PhD Merit Award, *WITS University*, South Africa

**2017:** Conference Travel Award, *South African National Council*. A competitive travel grant to attend the International Population Conference, South Africa.

**2016:** Conference Travel Award, *United Nations Population Fund (UNFPA)*. A competitive travel grant for Masters students to attend and present at the population association of southern Africa.

**2016:** Postgraduate Masters Merit Award, *University of the Witwatersrand*, South Africa.

**2015:** Dean's Scholarship Fund, *University of the Witwatersrand*, South Africa.

**2015:** PG Merit Award (Hons-PhD- 5 Years), *University of the Witwatersrand*, South Africa.

**2013:** Semi Finalist Award, *Dell Social Innovations Challenge*, Austin, Texas.

## PROFESSIONAL SERVICE

**2017** Volunteer, *Golden Key International Honours Society*.

**2014** Coordinator, *National Emergency Management Agency (NEMA)*, Kabba, Kogi, Nigeria.

Reviewer, *African Development Review - Journal*

Reviewer, *African Journal of Reproductive Health - Journal*.

Reviewer, *African Population Studies - Journal*.

Reviewer, *BMC Public Health - Journal*.

Reviewer, *Gates Open Research - Journal*.

Reviewer, *South African Journal of Child Health* - Journal.

## **PROFESSIONAL ASSOCIATIONS**

**2018** *Union of African Population Studies (UAPS).*

**2017** *International Sociological Association (ISA).*

**2017** *Research Committee on Sociology of Population (Rc41).*

**2016** *Isibalo Young Statistician (IYS).*

**2016** *Population Association of Southern Africa (PASA).*

**2015** *Golden Key International Honours Society.*

**2015** *Public Health Association of South Africa (PHASA).*

## **COMPUTER SKILLS**

**Geospatial:** *QGIS, R.*

**Data Analysis and Visualization:** *R, STATA, SPSS, Microsoft Excel, Spectrum.*

**Multimedia:** *CorelDraw, PhotoShop, Microsoft Powerpoint.*

## **REFERENCES**

*Available upon request*