

Emmanuel Olawale OLAMIJUWON

CHERISH Research Fellow

Address · Shirley · Southampton · Southampton, UK

✉ emmanuel@olamijuwon.com [✈ eolamijuwon](https://twitter.com/eolamijuwon) [🌐 e.olamijuwon.com/](https://www.linkedin.com/in/e.olamijuwon.com/) | Updated: July 23, 2022

EDUCATION

PhD Demography and Population Studies

University of the Witwatersrand 2021

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

Supervisor: Prof. Clifford Odimegwu.

MA. Demography and Population Studies [*with Distinction*]

University of the Witwatersrand 2017

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

Supervisor: Prof. Clifford Odimegwu.

BA.(Hons). Demography and Population Studies [*with Distinction*]

University of the Witwatersrand 2015

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

Supervisor: Dr Jeremy Gumbo (Deceased)

B.Sc(Hons). Demography

Joseph Ayo Babalola University 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.*

EXPERIENCE

University of Southampton (United Kingdom):

CHERISH Research Fellow May 2022—present

University of St Andrews (United Kingdom):

CARE Research Fellow April 2021—May 2022

University of Eswatini (Eswatini):

Lecturer February 2018—August 2020

Institute for Health Measurement (Eswatini):

Data Analyst May 2017—January 2018

University of the Witwatersrand (South Africa):

Research Assistant/Intern June 2015—April 2017

TEACHING EXPERIENCE

Master of Arts Courses

University of the Witwatersrand (South Africa): 2018, 2020, 2021

Guest Lecturer: COMH7067: Introduction to Demographic Methods

Guest Lecturer: SOSS 7070A: Advanced Statistics for Demographic Survey and Analysis.

Bachelor of Arts Courses

University of Eswatini (Eswatini/Swaziland): February 2018—August 2020

Lecturer: DEM214: Quantitative Methods in Demography (Year 2)

Lecturer: DEM215: Population Dynamics I (Year 2)

Lecturer: DEM216: Population Dynamics II (Year 2)

Lecturer: DEM301: Population Projection and Estimates (Year 3)

Others

Introduction to Emerging Methodologies in Social Science Research Workshop: May 2021

Teaching Instructor: [Working with Digital Trace Data and ethics - Twitter with rtweet.](#)

Teaching Instructor: [Working with Digital Trace Data and ethics – GoogleTrends with gtrendsR, and Online Surveys.](#)

Federal University Oye Ekiti (Nigeria): February 2020

Guest Trainer: Annual Methodology Workshop - [Introduction to Demographic Methods and Data Analysis with R](#)

University of Cape Town (South Africa): July 2019

Teaching Assistant: Summer Institute in Computational Social Science - [SICS-Cape Town](#)

Government Secondary School, Ayede (Nigeria): November 2013—October 2014

Class Teacher: Mathematics and Computer Science.

NOTABLE DATA/RESEARCH PROJECTS

SouthScieX.io: August 2021–present

Description: A web-based platform for exploring and amplifying Southern Science.

URL: <https://southsciex.io/>

Contribution: Leading the design and development of the platform with support from team members from Computer Science and Information Technology.

FameLynk: January 2022–present

Description: A web-application for tracking tweets about missing persons worldwide.

URL: <https://eolamijuwon.shinyapps.io/faMeLynk/>

Contribution: Designed and maintaining the application.

4PopChange:

April 2021–September 2021

Description: A consultancy project for forecasting macroeconomic consequences of population ageing.

URL: <https://eolamijuwon.shinyapps.io/4PopChange/>

Contribution: Led the development of a R/Shiny application for forecasting macroeconomic consequences of population ageing as part of a consultancy project (\$14,820) by the United Nations, Department of Economic and Social Affairs, Population Division.

CoverAge-DB:

April 2020–present



Description: A global database of the age-sex structure of Coronavirus cases and deaths


URL: https://timriffe.github.io/covid_age/DataAvail.html

Contribution: Coordinating the retrieval, management and processing of age-sex composition of Coronavirus cases and deaths in African countries.

RESEARCH CONTRIBUTIONS



Peer-Reviewed Journal Articles



« - denotes extracts from PhD;  - open access publications;  - data and/or code available online


2022: Sule, A.F., Uthman, O.A., **Olamijuwon, E.O.**, Ichebbo, N.K., Mgbachi, I.C., Okusanya, B.O., Makinde, O.A. Examining vulnerability and resilience in maternal, newborn, and child health through a gender lens in low- and middle-income countries: a scoping review. *BMJ Global Health* 

«2021: **Olamijuwon, E.O.**, Odimegwu, C.O. and Adjiwanou, V. Advancing sexual health education for young African adults in the digital age: Uncovering strategies for successful organic engagement. *BMC Public Health*  | 

«2021: **Olamijuwon, E.O.** and Odimegwu, C.O. Saving sex for marriage: An analysis of lay attitudes towards virginity and its perceived benefit. *Sexuality & Culture* 

«2021: **Olamijuwon, E.O.** and Odimegwu, C.O. Sexuality Education in the Digital Age: Modelling the predictors of acceptance and behavioural intention to access and interact with sexuality information on social media. *Sexuality Research and Social Policy*  | 

«2021: **Olamijuwon, E.** Characterizing low effort responding among young African adults recruited via Facebook advertising. *Plos one*, 16(5): e0250303.  | 

2021: Riffe, T., Acosta, E., **Olamijuwon, E.** The COVERAGE-DB team [**Olamijuwon, E.O.**] COVERAGE-DB: A database of age-structured COVID-19 cases and deaths. *International Journal of Epidemiology*, 50(2):390-390f. 

2020: **Olamijuwon, E.**, Odimegwu, C. & Chemhaka, G. Involuntary childlessness and marital infidelity among women in sub-Saharan African countries: An assessment of the moderating role of women's education. *Archives of Sexual Behaviours*.

2020: Akinyemi, J.O., Somefun, D.O., **Olamijuwon, E.O.** & DeWet, N. *How long was the honeymoon?* Accelerated failure time model of spousal violence initiation among women in sub-Saharan Africa. *Women & Health*, 60:9.

Invited Presentations

February 2022: Where and How Do Couple's Report of First Marriage Differ? An International Evaluation of Inconsistent Reporting of Year of First Marriage. University of Ghana & University of Southampton

November 2021: Getting Started in #Rtistry: Data Visualisations with R and ggplot2. [[Bulawayo UseR Group](#)]

June 2021: Social survey meets digital traces: Leveraging digital data sources in African population studies. *Summer Institute for Computational Social Science - Montreal*. [[SICSS-Montreal](#)]

June 2021: Sexuality education in the digital age. *Max Planck Institute for Demographic Research, Rostock, Germany*. [[Scientific program](#)]

March 2021: Sexual health promotion in the digital age: Challenges and opportunities for advancing the sexual and reproductive health of young African adults. *University of St. Andrews, Fife, UK*.

Oral/Flash Conference Presentations

September 2021: Sexual health promotion in the digital age: Challenges and opportunities for advancing the sexual and reproductive health of young African adults. *New Data for the New Challenges of Population and Society, Virtual*. [[Scientific program](#)]

July 2020: Saving sex for marriage: Understanding the complexity between sexual abstinence and marital bliss based on social media and survey data. *6th International Conference on Computational Social Science, Cambridge, MA, USA*.

June 2020 [cancelled 4/17/20 due to COVID-19]: Acceptability and use of social media for accessing sexual health information among young African adults: An application of the UTAUT model. *European Population Conference, Padova, Italy*. [[Scientific program](#)]

November 2019: Using Machine Learning Algorithms for Identifying Mothers Who May Mutilate Their Daughters. *African Population Conference, Entebbe, Uganda*. [[Scientific program](#)]

November 2019: Advancing Sexual Health Education For Young African Adults In The Digital: Lessons Learned from the SHYAdults Network. *Social Informatics 2019, Doha, Qatar*. [[Scientific program](#)]

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Web Applications

December 2021: A Shiny Application for Forecasting Macroeconomic Consequences of Population Ageing. [4PopChange](#)

April 2019: Shiny Application for Understanding Demographic Transition Africa. [African DT ProfleR](#)

RESEARCH GRANTS, AWARDS, & SCHOLARSHIPS

2021: PI: Summer Institute in Computational Social Science [2022 SICSS-Nigeria](#) Organizer Grant

Funder: Russell Sage Foundation; Value: \$12,920

2021: PI: Harnessing digital technologies to advance research and knowledge in the South.

Funder: INASP; Value: \$3,000

2021: Awaiting examiner grant for communication and impact efforts

Organization: University of the Witwatersrand, South Africa.; Value: \$1,590

2020-2021: Co-I: Developing a Framework for Vulnerability and Resilience in MNCH in LMICs.

Funder: Bill & Melinda Gates Foundation; Value: \$274,546

2018 - 2020: PI: Southern African Systems Analysis Centre Doctoral Fellowship.

Funder: National Research Foundation, South Africa; Value: \$22,297/330,000 ZAR

2020: 2020 Scholar award to attend GESIS Summer School in Survey Methodology. August 3-7, 2020.

Organization: European Survey Research Association (ESRA); Value: €400

2020: Diversity Scholarship to attend useR!2020, St Louis, MO, USA, July 7-10, 2020.

Organization: useR! 2020 organization committee; Value: \$2,500 (cancelled due to COVID-19).

2020: Green Talents Award [[Details](#)].

Organization: Federal Ministry of Education and Research, Germany.; Value: €5,250

2018 - 2020: Postgraduate PhD Merit Award.

Organization: University of the Witwatersrand, South Africa.; Value: \$5,209/77,100 ZAR

2019: Training and Conference Award.

Organization: National Research Foundation of South Africa.; Value: \$1,678/24,830ZAR

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

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

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

OTHER RELEVANT TRAINING

useR! 2021 – The R Conference

Additive Bayesian Networks Modeling [[Online](#)] 2021

GESIS – Leibniz Institute for the Social Sciences, Mannheim, Germany.

9th Summer School in Survey Methodology [[Online](#)] - Mathematics for Social Scientist 2020

9th Summer School in Survey Methodology [[Online](#)] - Survey Sampling and Weighting 2020

Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany.

The Rostock Open Science Workshop [[Details](#)] 2019

BaRcelona Summer School of Demography [[BSSD19](#)],

Centre d'Estudis Demogràfics, Universitat Autònoma de Barcelona, Barcelona.

Introduction to R; Data visualization with R; Demography with R; Spatial analysis with R 2019

University of Cape Town, South Africa.

Partner Location for Princeton University, USA.

Summer Institute in Computational Social Sciences 2018

PROFESSIONAL SERVICE AND VOLUNTEER POSITIONS

Co-Organizer: [SR2SC2021](#) - Social Research 2 Social Change: Breaking Barriers in Science Communication and Collaboration in African Countries Using Artificial Intelligence

Program Committee Member: [MIMODE 2021](#) - Migration and Mobility Research in the Digital Era.

Co-Organizer: [IEMeSSR 2021](#) - Introduction to Emerging Methodologies in Social Science Research Workshop

Program Facilitator: Global Health Mentorships ([ghmentorships.org](#))

Co-Facilitator: [User2020](#) - Create and share reproducible code with R Markdown and workflowr .

Co-Organizer: *Eswatini UseR* [[Website](#)]

Reviewer: *Archives of Sexual Behaviours, PlosONE, BMC Public Health, Gates Open Research, Journal of Sex & Marital Therapy, BMC Women's Health, Cogent Medicine, African Journal of AIDS Research, African Journal of Reproductive Health, African Population Studies, South African Journal of Child Health, African Health Sciences.*

Member: *British Society for Population Studies (BSPS), International Union for the Scientific Study of Population (IUSSP), Union of African Population Studies (UAPS), Population Association of America (PAA), Population Association of Southern Africa (PASA).*

SOFTWARE SKILLS

Geospatial: QGIS, R.

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

Database Management: Microsoft Excel, Microsoft Access, RedCap

Multimedia: CorelDraw, PhotoShop, Microsoft Powerpoint.