


# Dr Adamu Onu

 Physician / Biostatistician

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 <https://github.com/adamuonu>

 <https://www.researchgate.net/profile/Adamu-Onu-2>

Experienced physician / biostatistician with strong leadership skills, proven track record and a demonstrated history of working in the public and private healthcare and in public health in administrative, clinical roles and consulting roles with excellent outcomes. Skilled in developing applications in R, SPSS, Stata, and Python. Possess practical experience in healthcare information technology (HIT).

## Skills

R/RStudio ★★★★★

Epi Info™ ★★★★★

SPSS ★★★★★

Stata ★★★

Python ★★★★★

MySQL ★★★★★

## Languages

English ★★★★★

French ★★

## Education

### PhD Public Health (Epidemiology)

Walden University, MN, United States

 2013 – 2021


### MS (Epidemiology & Biostatistics)

Northwestern University, IL, United States

 2010 – 2011

### FWACP (Family Medicine)

West African College of Physicians

 2003 – 2008

### MBBS

University of Jos, Nigeria

 1994 – 2000

## Honors & Awards

1994 University Scholar

2007 Family Medicine Resident of the Year

2008 Tom Thacher Prize (Best Dissertation)

2008 Senbanjo Prize (Best Graduating Fellow)

2010 NIH/AITRP Forgarty Fellow

## Work Experience

### Statistician\*

 FMOH/WHO Nigeria COVID-19 Mortality Review

 May 2021 – current

*Retrospective cross-sectional study of patients with laboratory-confirmed SARS-CoV-2 infection from 28 COVID-19 treatment centers across 15 states in Nigeria using WHO nCOV database [OpenClinica Electronic Data Capture System]. Roles: Study design, statistical analysis plan, data management, cleaning, recoding, multilevel Cox regression and logistic regression modeling, and manuscript writing.*

### Medical Director

 Garki Hospital Abuja

 August 2019 – current

## Research Papers

- 2021 Oreh AC, Onu A, Moses AL. Prevalence and Determinants of Helicobacter Pylori Infection among Adult Dyspeptic Patients in Abuja, Nigeria. West Afr J Med. 2021 Aug 30;38(8):775–84.
- 2021 Onu A. Effect of Insecticide-Treated Nets on Anemia in Nigerian Children. Walden Dissertations and Doctoral Studies [Internet]. 2021 Jan 1; Available from: <https://scholarworks.waldenu.edu/dissertations/10311>
- 2016 Dawam JA, Madaki JKA, Gambazai AA, Okpe ES, Lar-ndam N, Onu A, et al. Monthly sulphadoxine-pyrimethamine combination versus daily proguanil for malaria chemoprophylaxis in sickle cell disease: a randomized controlled study at the Jos University Teaching Hospital. Niger J Med. 2016 Jun;25(2):119–27.
- 2015 Ogiator M, Onu A, Agbaji O, Agaba E, Ojobi J, Ogiator. The prevalence of and risk factors for chronic kidney disease in spouses of patients with advanced chronic kidney disease. Highland Medical Research Journal. 2015;15(1):27–30.
- 2013 Akanbi MO, Achenbach CJ, Feinglass J, Taiwo B, Onu A, Pho MT, et al. Tuberculosis after one year of combination antiretroviral therapy in Nigeria: a retrospective cohort study. AIDS Res Hum Retroviruses. 2013 Jun;29(6):931–7.
- 2011 Agbaji OO, Onu A, Agaba PE, Muazu MA, Falang KD, Idoko JA. Predictors of impaired renal function among HIV infected patients commencing highly active antiretroviral therapy in Jos, Nigeria. Niger Med J. 2011 Jul;52(3):182–5.

## Study Statistician & Data Manager\*

### SOFPON Practice-Based Research Network

 June 2016 – July 2020

Multicenter Study of Body Weight Perception and Weight Management Practices of Overweight and Obese Patients Seen at Primary Care Settings in Nigeria. Roles: Study conceptualization, design and review of the survey questionnaire, design & deployment of data capture system in PHP and MySQL, formulation of statistical analysis plan, data management, cleaning, data analysis, and manuscript writing.

## Course Coordinator\*

### Research Methodology Bootcamp & Epi Info Training

 July 2021

Teaching Research Methods & Data Management and Data Analysis with Epi Info™. Roles: Conceptualization and development of course material and delivery of lectures.

## Medical Director

### Nisa Hospital Abuja

 June 2018 – July 2019

## Director of Operations/Clinical Services

### Garki Hospital Abuja

 October 2015 – May 2019

## Consultant\*

### Family Planning Country Action Process Evaluation (FP CAPE)

 January 2019 – April 2019

Nigeria Urban Reproductive Health Initiative (NURHI-2) Mid-Term Evaluation. Roles: Data quality assurance, training of survey personnel, review of survey methodology, key focus interviews, data transcription

## Biostatistician\*

### Medical Education Partnership in Nigeria/Support for Training and Mentoring in Nigeria for Academics

 August 2016 – November 2019

Teaching Data Analysis and Manuscript Writing Workshop. Basic Biomedical Research Course & Training of Trainers

## Consultant\*

### Family Planning Country Action Process Evaluation (FP CAPE)


 March 2018 – July 2018

Special Study on Strategies to Strengthen Government Capacity to Lead and Implement Family Planning Programs in Nigeria. Review of survey methodology, key focus interviews, data transcription.

## Conference Presentations

- 2021 Ore A, Onu A, Moses A. Use of Patient Dyspepsia Scores from the Short-Form Leeds Dyspepsia Questionnaire in Early Diagnosis and Treatment of Helicobacter pylori infection. In: 23rd World Conference of Family Doctors. Abu Dhabi; November 2021.
- 2021 Ore A, Onu A, Moses A. Self-Perception of Stress Self-Perception of Stress Among Dyspeptic Adults in an Urban City in Northern Nigeria – A Cross-Sectional Hospital-Based Study. In: 23rd World Conference of Family Doctors. Abu Dhabi; November 2021.
- 2021 Ore A, Onu A, Moses A. Implications of dietary and hygiene factors and Helicobacter pylori infection in Nigeria – results from an urban hospital-based study. In: 23rd World Conference of Family Doctors. Abu Dhabi; November 2021.
- 2020 Onu A. Factors associated with modern contraceptive use among women of reproductive age in Nigerianisa. In: 6th Nigeria Family Planning Conference. Abuja; December 2020.
- 2020 Ore A, Onu A, Moses A. Evaluation of prevalence and risk factors of Helicobacter pylori infection in an urban population. In: 30th European Congress of Clinical Microbiology and Infectious Diseases. Paris: ECCMID; April 2020
- 2014 Ojo A, Aiyenigba B, Johnbull S, Onu A, Ipadeola O, Salihu M, et al. Malaria Diagnostic Service Availability-Mapping of Private Sector Service Delivery Outlets in 7 PMI/MAPS Supported States, Nigeria. American Journal of Tropical Medicine and Hygiene. 2014;91(5 suppl):79
- 2010 Onu A, Obindo T, Ugoya S, Akanbi M, Iroezindu M, Gomerep S, et al. Screening for HIV-associated neurocognitive disorders in Jos University Teaching Hospital. In: 5th National Conference on HIV/AIDS. Abuja, Nigeria; May 2010.

## Consultant\*

 *Africa Center for Excellence in Phytomedicine Research & Development, University of Jos*

 *December 2017*

*Grant proposal writing workshop. Teaching Grant Proposal Writing, Mind Mapping, Tools and Skills for Winning Proposals*

## Consultant Family Physician & Head of Family Medicine

 *Garki Hospital Abuja*

 *September 2011 – March 2016*

## Epidemiologist/Biostatistician\*

 *Akena Associates*

 *October 2015 – November 2015*

*Project: Vaccine Supply Chain Strengthening in Nigeria: Outcome Monitoring and Evaluation Survey (Kano, Lagos, Nasarawa, and Rivers States). Multi-state survey of vaccine cold chain capacity of health facilities.*

## National Intermediate Consultant Epidemiologist\*

 *DFID/Malaria Action Program for States (MAPS)*

 *September 2013 – December 2013*

*Project: Service Availability Mapping of Private Sector Service Delivery Outlet in 7-MAPS Supported States (Benue, Cross River, Ebonyi, Kogi, Nasarawa, Oyo, Zamfara). Multi-state survey of availability of malaria diagnostics in the private health sector in selected in Nigeria Activities: Review of survey protocol, training of survey personnel, data cleaning, design and management of survey database, analysis, report writing.*

## National Epidemiologist/Biostatistician\*

 *DFID/Support for National Malaria Programme (SuNMaP)*

 *March 2012 – March 2013*

*Project: Providing Technical Support to Strengthen Diagnostics Capacity in Niger, Katsina, Ogun, Anambra, Kaduna, Anambra & Lagos states Activities: Developed mapping tools. Conducted orientation workshops for data collectors. Developed the data analysis package for the activity. Provided oversight for the data entry and reviewed completed questionnaires. Developed dummy tables for data entry. Provided the report of data analysis.*

## Consultant Adult ART Physician

 *AIDS Prevention Initiative Nigeria (APIN), Jos Teaching Hospital*

 *September 2008 – August 2011*