# IFEOMA OZODIEGWU

I have published scientific papers that generate insights about global health from complex surveys, supported national malaria programs to apply quantitative methods to inform strategic planning, and developed analysis pipelines to make it easy to visualise and generate estimates from the Demographic and Health Surveys.



# SELECTED POSITIONS

present 2019

### Postdoctoral Fellow

Malaria Modeling Research Group (Gerardin's Lab)

Northwestern University

- · Lead survey data analysis and simulation modeling on a \$3 million grant to identify optimal intervention packages for malaria control and elimination in various transmission settings.
- · Respond to analysis requests from clients such as the World Health Organization and policy-makers in endemic countries
- · Communicate research methods, results and recommendations to clients to inform national strategic planning, and at national and international conferences

2020

### Consultant

Dept of Science, Information and Dissemination

• World Health Organization

- · Supported development of the annual regional health indicators report for the Regional Office for the Eastern Medditerranean
- · Led data visualization of these indicators for the report, interfacing with the graphics team to ensure timely production of report

2019 2015

### **Graduate Student Researcher**

Dept of Biostatistics and Epidemiology

**♀** East Tenessee State University

- · Co-authored research papers on metabolic syndrome, obesity and adverse childhood experiences
- · Mentored masters-level researchers
- · Teaching assistant for several biostatistics and epidemiology courses

2015 2014

## Lead Consultant

Data Analysis and Evaluation

• Community Innovation Center

- · Founded a consultancy company to support program planning, data analysis and evaluation
- · Led a needs assessment to support restructuring of the National Neglected Tropical Diseases Monitoring and Evaluation Systems (client: RTI International)
- · Supported strengthening of data collection and analysis to understand the distribution and purchasing practices for malaria chemotherapy (client: Society for Family Health)

2014 2013

## Global Health Fellow

Research and Communications • Centre for Infectious Disease Research in Zambia

- · Designed a data collection and analysis platform for an NIH-funded Rotavirus study
- · Worked with the communications department to develop CIDRZ annual report

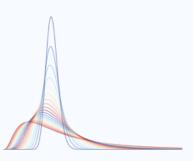
## **EDUCATION**

2019 2015

# DrPH, Epidemiology

Dept of Biostatistics and Epidemiology

- **♀** East Tenessee State University
- · Dissertation: The prevalence and context of Adult Female Overweight and Obesity in sub-Saharan Africa
- · Recipient of a Rotary International Global Grant



## CONTACT

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- in linkedin/ifeomaozodiegwu
- **)** (773) 431-4324

# LANGUAGE SKILLS

Python

"I have extensive experience in client-facing roles and on projects that directly impact health in resource-limited settings."

"I am passionate about datadriven decision-making. In many resource-poor settings, primary data is not readily available. My expertise lies in applying quantitative methods to make the best decisions with secondary data."