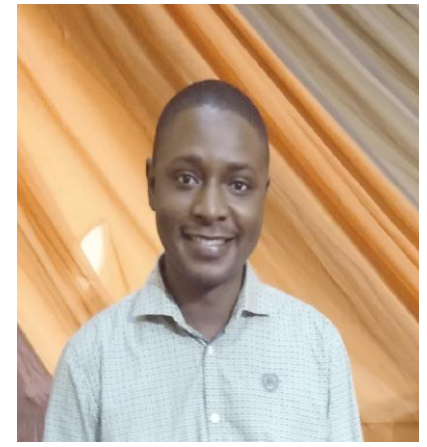


## CURRICULUM VITAE

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## RESEARCH INTERESTS

My research interests are in the fields of mathematical biology, biostatistics, machine learning and computational mathematics. My research primarily focused on the use of mathematical and statistical approaches to provide an understanding on the transmission dynamics of emerging and re-emerging infectious diseases of public health significance. Specifically, I design, analyze, parameterize, and simulate novel models for the transmission dynamics and control of emerging and re-emerging infectious diseases. My research also involves the qualitative theory of nonlinear dynamical systems arising in the mathematical modelling of phenomena in population biology (ecology, epidemiology, immunology etc.) and computational mathematics (with emphasis on the design of robust numerical methods that give results that are dynamically consistent with the governing continuous-time model being discretized).

## INSTITUTION(S) ATTENDED/ACADEMIC QUALIFICATIONS WITH DATES

University of Ilorin, Ilorin, Kwara State, Nigeria 2017 – Jan. 2021

### **Doctor of Philosophy in Mathematics (Ph. D.)**

Area of Specialization: Mathematical Biology

### **PhD Benchwork at the Institute of Informatics,**

**Slovak Academy of Sciences, Bratislava, Slovakia**

Federal University of Technology, Minna, Niger State, Nigeria 2012-2014

### **Master of Technology in Mathematics (M. Tech.)**

University of Ilorin, Ilorin, Kwara State, Nigeria 2005 – 2009

### **Bachelor of Science in Mathematics (B. Sc.)**