

Chipo Zidana

Chipo Zidana holds a PhD in Statistics from Cukurova University in Turkey. She currently works as lecturer and researcher at the Botswana International University of Science and Technology from November 2019. She also serves as the Coordinator of the Statistical Services Unit (SSU) a section within the department which she was instrumental in the establishment due to her driven passion of statistical collaboration and consultation between statisticians, industrialists, government departments and various domain experts. This has resulted in the many research projects and collaboration on different areas both locally and internationally where she uses her knowledge of statistical methodologies to solve different health related problems. Current research projects include cancer research collaboration with researchers from Cardiff University in the United Kingdom and COVID-19 research which is a local collaboration with BIUST colleagues and other local researchers from BUAN in Botswana. Her research is motivated and focuses on development, use and analysis of statistical methodologies in health-related research and biological sciences: Statistical modeling, Data science, Biomathematics, Biostatistics, Mathematical applications, and medical applications. Her long-term research goal is to be able to understand different health-related problems especially with infectious diseases, cancer, HIV, TB, and complexities due to heterogeneity using statistical methods. It is my hope that deep knowledge and discoveries can be made by incorporating heterogeneous elements due to different characteristics of populations. Thus, by identifying different grouping, classes, stochasticity, and patterns within a population using statistical methods can be handy in solving complex health problems. It is therefore paramount for me to always keep up with rapid changes in technology and times. I plan to focus on exploring statistical technological advancements and applications.