Oluwasemire Kola-Olalere, B.Pharm, MSc
Junior Scientist
Institute of Public Health, Medical Decision Making and Health Technology Assessment
Department of Public Health, Health Services Research and Health Technology Assessment
UMIT TIROL - University for Health Sciences and Technology
Eduard-Wallnoefer-Zentrum 1, A-6060 Hall in Tirol, Austria

Biosketch

Oluwasemire Kola-Olalere is a Junior Scientist at the Institute of Public Health, Medical Decision Making and Health Technology Assessment at the Department of Public Health, Health Services Research and Health Technology Assessment, UMIT TIROL - University for Health Sciences and Health Technology in Hall in Tirol, Austria.

She is involved in the interdisciplinary project 'Medical Decision Making in Multiple System Atrophy (MeDeMSA)', a collaboration project with the Medical University Innsbruck, the University Graz, UMIT TIROL, and Tirol Kliniken funded by the Austrian Science Fund. The project aims to enable early identification of people with multiple system atrophy, improving the quality of life of patients and their caregivers throughout the disease course, while addressing ethical, legal, and health-economic considerations.

Oluwasemire is a pharmacist by training and holds a Bachelor of Pharmacy degree from Igbinedion University, Nigeria, as well as a Master of Science in Epidemiology from the University of Basel, Switzerland, in affiliation with the Swiss Tropical and Public Health Institute. Her academic and professional background include clinical pharmacy practice, with experience in pharmaceutical care and therapeutics supporting rational medicine use and optimized treatment outcomes, alongside training in epidemiology and applied public health research. Her Master's thesis evaluated the impact of expanded community-based malaria case management on malaria outcomes in Rwanda using advanced statistical modelling approaches.

Oluwasemire's research focuses on the application of decision-analytic modelling and health technology assessment (HTA) in public health, including statistical analysis, benefit–harm evaluation, cost-effectiveness analysis, and equity assessment, to support evidence-informed decision making. In addition, she is interested in health systems and implementation research.