

# SOKOINE UNIVERSITY OF AGRICULTURE



COLLEGE OF NATURAL AND APPLIED SCIENCES

DEPARTMENT OF MATHEMATICS AND STATISTICS

## PHD RESEARCH PROGRESS AND CONCEPT NOTE PRESENTATIONS

**TITLE: MODELING THE IMPACTS OF PLASMODIUM FALCIPARUM RESISTANCE TO SULFADOXINE-PYRIMETHANIME  
ON MALARIA CONTROL AND ELIMINATION EFFORTS IN MAINLAND TANZANIA**

**NAME OF STUDENT:** MR. NICHOR AUS DATUS MZIRAY

**NAMES OF SUPERVISORS:** DR. NKUBA N. MBEHO  
DR. NETERINDWA A. MSANGI  
DR. SAMSON KIWARE

**TITLE: MODELING TRANSMISSION DYNAMICS AND ECONOMIC VIABILITY OF THE INTERVENTION STRATEGIES FOR  
HUMAN PAPILLOMAVIRUS AND CERVICAL CANCER**

**NAME OF STUDENT:** MR. LUSUNGU JULIUS MBIGILI

**NAMES OF SUPERVISORS:** DR. NKUBA N. MBEHO  
DR. AZIZA J. IDDI  
PROF. SAUL CHILONGOLA MPESHE

**TITLE: AN INTERRUPTED TIME SERIES MODEL OF RIFT VALLEY FEVER VIRUS IN ISIOLO  
COUNTY, KENYA**

**NAME OF STUDENT:** MS. DAMARIS FELISTUS MULWA

**NAMES OF SUPERVISORS:** PROF. BENEDICTO KAZUZURU  
DR. BENARD BETT  
PROF. GERALD MISINZO

**VENUE:** SGLB2

**DATE:** 04<sup>TH</sup> MARCH, 2024

**TIME:** 0830HRS-1230HRS

**You are warmly welcome !!!**