



UGANDA INTENSIVE EPIDEMIOLOGY AND STATISTICS COURSE

28th August - 08th September 2017 Uganda Virus Research Institute - Entebbe
Organizers: Dr. Rebecca Nsubuga (PhD), MRC Statistics Section and Partners

The course is suitable for potential epidemiologists, biostatisticians and current researchers including clinicians, laboratory and social scientists; and is open to colleagues from the MRC Unit and partner institutions. Prospective participants should have knowledge of Basic and Intermediate Statistics and be familiar with the Statistical package Stata.

Course Overview

Design and analysis of epidemiological studies

Cross-sectional studies, cohort studies, case-control studies, and intervention studies including clinical trials.

Statistical methods in epidemiology

Simple methods including t-tests, chi-square tests, Mantel-Haenszel analysis, age standardization and simple linear regression; statistical modeling including multiple linear regression and logistic regression and survival analysis.

Epidemiological issues

Confounding and interaction and practical considerations for design and analysis of different epidemiological studies.

Data analysis using Stata software

The course will have practical sessions where students work through examples using Stata. All students must be able to write Stata do-files, understand Stata log files, and be conversant with simple Stata commands.

Applicants Profile

- ◆ Be active researchers, engaged with a study in a Research organisation
- ◆ Have recently completed their MSc, or be considering an MSc in epidemiology or related subject.
- ◆ Have basic knowledge and skills of Stata: i.e. be able to write Stata do-files, understand Stata log files, and be conversant with simple Stata commands.
- ◆ Have discussed the appropriateness and timeliness of their proposed participation with their supervisor
- ◆ Submit a *brief* letter of support from their supervisor stating that the conditions set above are met and explain why the proposed training is important for the individual and the Project, Programme or Institution that the staff is based in.

Cost USD 500

Covers tuition, training materials, teas and lunches, but does not include accommodation. Participants should indicate on the application form whether they require accommodation and guidance on possible accommodation options will

Application Procedure

Applicants should submit a completed application form and a brief letter of support from their supervisor, by email to:

florence.amuge@mrcuganda.org

Application deadline is Thursday 3rd August 2017