

## **Report of Research Methodology workshop held at Child Health and Development Center held on 29<sup>th</sup>, 30<sup>th</sup> Nov. and 1<sup>st</sup> December 2004**

Introduction: One of the aims of Uganda Society for Health Scientists (USHS) is to provide a forum for research training in order to create an enabling environment for scientific research geared towards prevention and treatment of conditions and diseases that affect Ugandans and indeed individuals through out Africa. This is done by organizing Research methodology workshops.

From Nov. 29<sup>th</sup> to Dec. 1<sup>st</sup>, 2004, USHS held a research methodology workshop at Child Health and Development Center. Ms. Jayne Byakika a member of the Executive Board, welcomed participants to the 1<sup>st</sup> research methodology this year. She asked participants to introduce themselves one by one and later invited the Chairperson of the Society; Prof. Konde Lule to give opening remarks.

In his opening speech, Prof Konde Lule said that he was delighted to be at the workshop. He said that the mission that the mission of the Society is to promote sound research through organizing Research methodology workshops. He revealed that the workshops have always been attended by a wide spectrum of people. Professor Konde said that some time back, the workshops used to be focused but that this one is general which is compressed in 3 days. He urged participants to invest in time if they are to benefit from the workshop before he declared the workshop open.

### **Expectations of the participants:**

- To be empowered to carry out research on their own.
- To write fundable proposals
- To prepare a participant to begin his PhD proposal
- To have knowledge and skills to identify researchable areas
- To develop skills to write proper methodology sections
- To develop research questions and analyze the collected data
- To understand the best data collection methods
- To learn about different study designs
- To have a highly trained and skilled research manpower
- To have a group of highly motivated research who will advance health research in this country

### **The workshop covered the following topics:**

- Introduction to research methods and format of a research proposal
- Research question and hypothesis formulation
- Study design
- Sampling procedure and sample size determination
- Methodology (Study setting, study population, selection criteria, variables and measurements)
- Data collection methods (quantitative)
- Data management and data quality control
- Data analysis plan

- Designing a consent form
- Budgeting
- Qualitative Research methods

**ANALYSIS OF THE EVALUATION OF THE WORKSHOP:**

Activity / item	Poor	Average	Good	Excellent
Venue		15%	62%	23%
Food		23%	69%	08%
Administrative support			73%	27%
Responsiveness of the organizers			57%	43%
Introduction to research methods & format of A research proposal			40%	60%
Research question and hypothesis formulation		10%	60%	30%
Study design		27%	45%	28%
Practical session: participants present their titles, research questions and objectives		18%	73%	09%
Sampling procedure and sample size determination			75%	25%
Methodology (study setting, study population, selection criterion, variables & measurements			55%	45%
Data collection methods (quantitative)			73%	27%
Data management and data quality control			78%	22%
Data analysis		09%	73%	18%
Design a consent form		15%	62%	23%
Budgeting		15%	62%	23%
Qualitative research methods			54%	46%

**Recommendations for timing of the next workshop:**

- Soon be soon enough for participants to connect what they have learnt this workshop
- After 2 months
- Weekends
- Current timing seems fine

**Recommendation for changes on how the workshop is organized i.e. more lectures, more discussion groups:**

- Lectures were adequate and may not need any other changes
- Participants should be given more time to ask questions
- More practical sessions
- Workshop should last for 5 days

**Any additional comment:**

- More nurses should be encouraged to attend since they are most of the time involved in data collection
- Emphasize on time keeping by participants
- The workshop was well organized
- Organizers should brief participants about the different activities the society is involved in.
- Need more workshops as they are educative
- Thank you for organizing the workshop which stimulates the mind to focus on research in order to promote health in the country
- Good organization

**Participants who attended the workshop:**

<b>Name</b>	<b>Organization</b>
1. Dr. Kiondo Paul	Makerere Medical School, Department of obstetrics and gynecology
2. Mr. Oyijuke Moses	Makerere University Institute of Statistics and applied Economics
3. Mr. Kenedy Amone	Mbarara University, Department of Psychology
4. Ms. Nshimye Edith	Makerere University Department of Nursing
5. Mr. Kutwabami Paul	Makerere University Department of pharmacy
6. Mr. Kyeyagalire Robert	Institute of Public Health
7. Mr. Kyomugisha S.	Institute of Public Health
8. Dr. Achan Jane	Mulago Hospital Department of Pediatrics
9. Prof. Konde Lule	Institute of Public Health
10. Ms. Atyang Roseline	Mulago Hospital Department of obstetrics and gynecology
11. Ms. Edith Tibalwa	ATIC
12. Ms. Nassaka Suzan	Makerere University Medical School
13. Ms. Robina Nganwa	ATIC
14. Ms. Owacha Immaculate	I.U.I.U
15. Dr. Lorna Nshuti	Uganda – CWRU
16. Dr. Monica Etima	Mildmay Center – Uganda
17. Mr. Turyahebwa Anthony	USHS
18. Ms. Isabella Achokotho	USHS
19. Ms. Jayne Byakika Tusiime	MU – UCSF
20. Dr. Adebisi A. Ogunsanya	
21. Mr. Kibuka Grace	USHS

**FACILITATORS:**

1. Professor Fred Wabwire Mangen
2. Mr. J.B. Lwanga
3. Dr. Israel Kalyesubula
4. Dr. Lorna Nshuti
5. Mr. Lynne Atuyambe
6. Dr. David Guwatude
7. Ms. Jayne Tusiime Byakika