



## **CURRICULUM VITAE**

<b>Name</b>	<b>Francis W. Maina</b>
<b>Sex</b>	<b>Male</b>
<b>Age</b>	<b>60 years</b>
<b>Nationality</b>	<b>Kenyan</b>
<b>Date of Birth</b>	<b>26<sup>th</sup> Dec 1952</b>

### **JOB EXPERIENCE**

<b>2013</b>	<b>Head clinical chemistry thematic unit</b>
<b>2011-2012</b>	<b>Acting head clinical chemistry thematic unit</b>

#### **Duties include**

- (i)Teaching both undergraduate and postgraduate students**
- (ii)Diagnostics**
- (iii)Administration**
- (iv) Research**

### **ACADEMICS AND COURSES ATTENDED**

<b>1978</b>	<b>Completed a Bsc degree course in biochemistry university of Nairobi</b>
<b>1979-1981</b>	<b>Joined Queen Elizabeth Hospital Birmingham, UK to study quality control and automation. Also spent three month in the General Hospital.</b>
<b>1982</b>	<b>Joined Department of Obstetrics and Gynaecology as a graduate assistant. I assisted in the setting up of an endocrinology laboratory to set up reference intervals for peptide hormones using RIA.</b>
<b>1982</b>	<b>Spent six months in Salgrenska Hospital, Goteborg Sweden. Here I studied lipid and lipoprotein measurements using preparative ultracentrifugation and HPLC.</b>
<b>1983</b>	<b>Enrolled for an MSc degree course in the University of Nairobi.</b>

- 1984** Attended a two month WHO sponsored course in Nairobi reproductive Biology Unit.
- 1985** Attended a three months WHO sponsored course on lipid/lipoprotein standardization in St Jans Hospital in Brugges Belgium.
- 1986** Awarded an Msc in clinical biochemistry and was promoted to research fellow department of obs/gynae.
- 1987-1988** Taught clinical biochemistry related courses including research methodology to mmed students in obs/gynae.
- 1988** Was one of the organizers of the annual IFCC meeting in Nairobi, held for the first time in Africa.
- 1989** Joined the then department of clinical chemistry as a lecturer where I am currently. Attended a two week course in TQA organized by the IFCC and conducted by Royal Infirmary Hospital, Glasgow.
- 1991-1992** Joined university of Manitoba, college of Health Sciences, department of Clinical chemistry. I later enrolled for a phd programme with the University of Nairobi.
- 1998-1999** Joined university of Cape Town department of medicine lipidology clinic for LDL particles separation using SDS-PAGE.
- 2008** Attended a course on quality management sponsored by the University of Nairobi.
- 2010** Attended a course on pedagogy sponsored by the University of Nairobi.
- 2011** Attended a course on teaching methods sponsored by PACE.

## PUBLICATIONS

1. Maina FW, Mati JKG, Sekadde-Kigonde CB. Comparison of the Reflomat Glucose Oxidase and Glucose Hexokinase in Measuring Blood Glucose. *J Obs Gyn East Centr Afr* 1:126 (1982).
2. Thuo STN, Maina FW, Sekadde-Kigonde CB, Lequin RM, Mati JKG. Assessment of Flat Oral and Intravenous Glucose Curves using Oral and Intravenous Glucose Tolerance Tests. *J. Obs Gyn Centr Afr* 2: 84 (1983).
3. Wanjohi JK, Sekkade-Kigonde CB, Maina FW, Mati JKG. Menstrual Blood Loss (MBL) in Nulliporous Kenyan Women. *J Obs Gyn East Centr Afr* 2:23 (1983).
4. Muraya GN, Maina FW, Sekadde- Kigonde CB, Mati JKG. Menstrual Blood Loss in Intrauterine Contraceptive device (CU NOVA T) users in Kenya. *J Obs Gyn East Centr Afr* 3:69 (1984).
5. Ojwang PJ, Ogada T, Maina FW, Kigonde-Sekkade CB, Mati JKG. Reference values for serum lipids and lipoprotein cholesterol in Adults and Cord blood of Kenya Africans. *E Afr Med J* 61 637 (1984).
6. Muhiu G, Sekkade-Kigonde CB, Maina FW, Mati JKG. Effect of Orgametril (Lynesterol 5mg) on Menstrual Blood Loss in Uterine Fibroids. *J Obs Gyn East Centr Afr* 5: 39 (1986).

7. Maina FW, Sekkade-Kigonde CB, Ojwang PJ, Mati JKG. Blood Pressure Changes in Women Using Oral Contraceptives in Kenya. *J Obs Gyn East Centr Afr* 6: 97 (1987).
8. Karienyne JM, Kigonde-Sekkade CB, Maina FW, Mati JKG, Njoroge AK. Determination of Patterns of Serum Oestrogen, Prolactin and Calcium Levels in Young Women during Full Menstrual Cycle in KNH. *J Obs Gyn East Centr Afr* 7: 85 (1988).
9. Kamau LW, Maina FW, Sekkade-Kigonde CB, Mati JKG. The Effect of Low Oestrogen Combined Pill, Progestogen- Only Pill and Medroxyprogesterone Acetate on Oral Glucose Tolerance Test. *E Afr Med J* 67:550 (1990).
10. Kirumbi LW, Maina FW, Sekkade-Kigonde CB, Mati JKG. Effects of the Triphasic Oral Contraceptives on Lipid and Lipoprotein Metabolism. *J Obs Gyn East Centr Afr* 23: 9 (1991).
11. Maina FW, Kigonde-Sekkade CB, Ojwang PJ, Mati JKG. Changes in Plasma HDL-Cholesterol in Women Using Oral Contraceptives in Kenya. *E Afr Med J* 46: 442 (1997).
12. Onuonga CO, Maina FW, Sekkade-Kigonde CB, Mati JKG. The Effect of Depot-Medroxyprogesterone(DMPA) on lipid and Lipoprotein Metabolism in the First Three Months of Use and Following use of More than Five years. A Prospective Study. *J Obs Gyn East Centr Afr* 16: 54 (2003).
13. Sempewo JMH, Maina FW, Sekkade- Kigonde CB, Mati JKG. Assessment of body iron stores in rural pregnant women in Kenya. (Submitted for publication in *E Afr Med J*).
14. Maina FW, Sekkade-Kigonde, Mati JKG. Changes in Triglycerides, Total and Lipoprotein Cholesterol in Kenyan women Using Fixed dose Oral Contraceptives. (Accepted for publication in *E Afr Med J*).
15. Maina FW, Dalton J. Stability Studies on a Human Serum Pool and a Bovine Based Lyophilized Material: Effect of Temperature and of Analysis on the concentration of 21 Common Biochemical parameters (In press).

#### **RESEARCH INTERESTS**

- i) Trace elements and Failure to trace in children
- ii) Lipoproteins, apolipoproteins in health and in disease

#### **PROFESSIONAL BODIES AND SOCIETIES**

- i) Secretary to the Clinical Chemistry Association of Kenya.
- ii) Member of the Biochemical Society of Kenya
- iii) Member of the Kenya Association of Pathologists
- iv) Member of the Association of Clinical Biochemists (UK)

Date: 14.03.13