

CURRICULUM VITAE

PERSONAL INFORMATION



NAME: **ELIZABETH KAMAU-MBUTHIA**

DATE OF BIRTH 21ST MAY 1968
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EDUCATION BACKGROUND

2003- 2006: Doctor of Natural Sciences (Dr.rer.nat.) (Public Health Nutrition)
University of Vienna, Vienna, Austria.

1993-1995: Master of Public Health (M.P.H.)
Curtin University of Technology, Perth, Western Australia.

1988-1991: B.Sc. in Agriculture and Home Economics
Egerton University

PROFESSIONAL INTERESTS

I have a doctorate in the area of Public health nutrition, with a special interest in the area of maternal and child health and nutrition. My research interests include

- Infant feeding: exclusive breastfeeding and complementary feeding including in the context of HIV
- Maternal nutrition: nutrition in pregnancy and lactation
- Food security: Assessment and monitoring at national, community and household levels
- Nutritional epidemiology: Study designs, dietary and anthropometry assessment tools, data analysis
- Nutrition surveys
- Nutrition education and promotion
- Public health nutrition

WORK EXPERIENCE

- Oct 2006-present: Institution: Egerton University
Position: Head of Department (Human Nutrition)
Duties: Heading the department in administrative, academic and research duties. Involved in the nutrition curriculum review for the department in 2006-2007. Being incharge of all departmental activities and supervising teaching and non-teaching staff.
- June 2006-present: Institution: Egerton University
Position: Lecturer
Duties: Planning, preparing and implementing semester programs, taking part in research activities, supervising masters and PhD students and reviewing the nutrition curricula when need arises.
- Jan 1996-May 2006: Institution: Egerton University
Position: Assistant lecturer
Duties: Planning, preparing and implementing semester programs.
- Sep –Dec 1997: Institution: Egerton University
Position: Acting Head of Department
Duties: Running day-to-day activities of the department
- Dec1991-Feb 1993: Institution: Egerton University
Position: Teaching Assistant
Duties: Assisting lecturers with tutorial classes and the supervision of practical classes. Assisting in the teaching of Diploma level classes and taking part in any departmental research.

COURSES/SEMINARS ATTENDED

- May 2011: Trained as a Trainer of trainers (TOT) on agricultural innovations by Tropical Royal Institute (KIT) of Netherlands in Malawi
- October 2009: Distinguished poster at the International Conference of Nutrition (ICN) in Bangkok, Thailand. (Title; Impact of food insecurity on knowledge, attitudes, and practices of urban Kenyan mothers towards exclusive breastfeeding. Webb, A., Cherobon A., Mbugua S., Sellen D., Kamau-Mbuthia E., SEHTUA partnership).
- October 2008: Oral presentation at the African Nutritional epidemiology conference (ANEC) in Cairo, Egypt (Title: Utilization of comprehensive care centre services (CCC) by people living with HIV/AIDS: *the case of nutrition counselling in Kenya*)
- September 2008: Trained on Web 2.0 research tools for research support and networking in Africa by RUFORUM, CTA and COL of Canada in Kampala, Uganda
- June 2008: Trained on Corporate Governance and Strategic Planning by Private Sector Development Consultants in Nakuru, Kenya
- December 2007: Trained on programme and project management by the South African Management Development Institute, sponsored by the AUSAID alumni, in Nairobi, Kenya.
- August 2007: Attended the First African Union (AU) conference of African Women in Science and Technology, in Johannesburg, South Africa. Part of the team drafting a policy document for African Union (AU) for women in science and technology

- November 2006: Trained on ISO standards (Quality Management systems) in Egerton University in collaboration with Kenya Bureau of Standards. Certified ISO auditor
- November 2006: Attended the 5th African Nutrition Leadership program in Potchefstroom, South Africa. Training on leadership skills as well as team building activities.
- September 2006: Poster presentation at the European Public Health Nutrition Conference in Barcelona, Spain (Topic: How are Kenyan mothers feeding their infants?).
- April 2006: Poster presentation at the 6th International Conference on Dietary assessment methods in Copenhagen, Denmark (Topic: Dietary patterns of pregnant women attending antenatal clinic in Nakuru, Kenya).
- September 2005: Poster presentation at the International Conference on Nutrition (ICN) in Durban, South Africa (Topic; Feeding patterns and weight gain of infants of mothers of known HIV status in the first 6 weeks of life).
- August 2005: Trained as a certified Counsellor in Prevention of Mother-to-Child transmission of HIV (PMTCT) by Ministry of Health and family Health International (F.H.I.)
- February 2005: Oral presentation at the Inaugural National Nutrition conference (INNC) in Nairobi, Kenya (Topic; Birth outcomes of pregnant women of known HIV status in Nakuru, Kenya).
- October 2003: Attended the 9th European Nutrition Conference in Rome, Italy.
- July 2002: Attended a conference on Information technology in the Advancement of Nutrition in Africa (ITANA 2002) in Nairobi, Kenya.

PUBLICATIONS (Peer reviewed journals/ book chapters)

Webb Girard, Aimee, Cherobon, Anne, Mbugua, Samwel, **Kamau-Mbuthia, Elizabeth**, Amin, Allison, Sellen, Daniel. Food insecurity is associated with attitudes towards exclusive breastfeeding among women in urban Kenya. Accepted for publication in Maternal & Child Nutrition on July 8th, 2010.

Kamau-Mbuthia E. Invited Book review: Fatty acids in foods and their health implications. 3rd Ed. By Ching Kuang Chow. Inform magazine October 2009

Co-author: Community Nutrition. A handbook for health and development workers. October 2009. Commissioned by AMREF, published by Macmillan publishers, Oxford

Kamau-Mbuthia E. Invited Book review: Good calories, Bad calories-challenging the conventional wisdom on diet, weight control and disease by Gary Taubes. Inform magazine October 2008 vol 19(10)

Kamau-Mbuthia, E, Elmadfa I, Mwonya R.

The impact of maternal HIV status on infant feeding patterns in Nakuru, Kenya. Journal of Human Lactation. 2008 Feb; 24(1):34-41

Kamau-Mbuthia E, Elmadfa I. Diet quality of pregnant women attending an antenatal clinic in Nakuru, Kenya. Annals of Nutrition and Metabolism. 2007; 51(4):324-30.

Kamau-Mbuthia, E, Elmadfa I. The Double Burden of Malnutrition: The role of Maternal and Child Health Clinics. Standing Committee on nutrition (SCN of the UN system) News. July 2006

PUBLICATIONS (Theses)

Kamau-Mbuthia, E. The impact of maternal HIV status on infant feeding patterns and growth in Nakuru, Kenya. PhD thesis. University of Vienna, Austria. 2006.

Kamau, E. Food consumption patterns and health habits of school children in Kenya and Western Australia. M.P.H. thesis. Curtin University of Technology, Perth, Western Australia. 1995.

SUPERVISION OF GRADUATE STUDENTS

Tina Brundl. The coherence between maternal HIV status and zinc and selenium levels of the mother in Nakuru, Kenya. M.Sc. thesis project, University of Vienna, Austria (graduated 2008)

Anita Nyaboke Ongosi. Nutrient intake and Nutrition knowledge of lactating women (0-6 months postpartum) in a low socio-economic area in Nairobi, Kenya. University of Pretoria, South Africa (graduated 2011)

Judith Sawe - 2008-2009. Feeding patterns of infants of HIV infected women in Nakuru municipality. M.P.H. thesis project, Kenyatta University (graduated 2011)

Rosemary Cheboswony. Red palm oil utilisation, its effect on vitamin A status of pregnant and lactating women and income generation in Busia Kenya. M.Sc. thesis project, Egerton University (graduated 2011)

Juddy Mutala. Influence of maternal anthropometry and sociodemographic factors on infant's birth weight at the Provincial General Hospital, Nakuru. M.Sc. thesis project, Egerton University (graduated 2011)

Racheal Kipruto. Dietary intakes and nutritional status of children under 5 years in Koibatek district, Kenya. M.Sc. thesis project, Egerton University (ongoing project)

Anne Cherobon. Infant feeding counselling and infant feeding knowledge, attitudes, and practices among hiv affected and hiv unaffected women in Nakuru municipality. M.Sc. thesis project, Egerton University (ongoing project)

Dean Ominde. Prevalence of overweight and obesity among school going children in Kenya: The case of primary schools in Nakuru Municipality. M.Sc. thesis project, Egerton University (ongoing project)

COMMITTEES/EXAMINER

Committee member of Kenya Bureau of standards (KEBS) technical committee on processed cereals and legumes (2009-2012)

Committee member of the University Research week (2009-2012)

Egerton University Senate representative to Graduate school and Quality Assurance Directorate

External thesis examiner for Kenyatta University

External thesis examiner for Maseno University

Internal thesis examiner for Egerton University

Invited guest reviewer, Annals of Nutrition and metabolism journal

RESEARCH PROJECTS/ CONSULTANCIES

- May 2010-December 2011: Effectiveness of a Baby-Friendly Hospital-based mothers' support group, and a cell-phone based peer support program in supporting exclusive breastfeeding in an urban Kenyan community. Funded under Alive & Thrive Initiative Small Grants Program by Bill and Melinda gates foundation.
- Dec 2010-2012: African SNOWS (Scientists networking for Water and Sanitation)
- Janury 2010-2013: ACP-S&T Innovations project (Building the capacity of African University graduates to foster change through agricultural innovations)run by RUFORUM and funded by the European Union.
- July 2009: Baseline survey for World Vision Kenya-Tinderet ADP
- June 2009: End-term evaluation for Bakool CTC nutrition project for World Vision Somalia
- Dec 2008-2011: Enhancing Sustainable Community Health and Nutrition Security and Safe Motherhood among Rural and Low Income Urban Households in Nakuru District. Funded by Egerton University. Co- investigator.
- August 2007: Food security feasibility survey in Kainuk division, Turkana district for World Vision, Kainuk ADP
- October 2006-June 2007: Project title: Effectiveness and utilisation of Comprehensive Care Clinic (CCC) at the Provincial General Hospital in Nakuru by people living with HIV/AIDS.
Funded by: Social Science Research Council (SSRC), New York
- January 2004-august 2006 Project title: Impact of maternal HIV status and infant feeding patterns and growth
Funded by: DAAD/OAD

EXTRA-CURRICULA ACTIVITIES

Registered member of the Kenya Nutritionists and Dietician Institute (KNDI)

Member of Kenya Coalition Action in Nutrition (KCAN)

Member of the Kenya Professional Association of Women in Agriculture and the Environment (KEPAWAE)

Founding member (2008) of the World Public Health Nutrition Association (Based in Geneva)

Life member of Red Cross (Kenya), Njoro chapter

REFEREES

Professor I. Elmadfa
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University of Vienna
Althanstrasse 14, A-1090, Vienna
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Prof. Rose Mwonya
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