

# CURRICULUM VITAE

## 1.1 PERSONAL PROFILE

### 1.1.1 Personal Details

Name: **Dr. Peter Maina Chege**

PF. No: **7104**

Department: **Food, Nutrition and Dietetics**

Designation: **Senior Lecturer**

**Chairman- Department of Food, Nutrition and Dietetics**

Area of Specialization:

- Community Nutrition
- Nutrition in Emergency
- Maternal and Child Nutrition

Research Interests:

- Agri-nutrition
- Traditional foods
- Overweight and obesity

Google Scholar: <https://scholar.google.com/peterchege>

ORCID ID: <https://orcid.org/0000-0001-5980-3375>

### **1.1.2 ACADEMIC AND PROFESIONAL QUALIFICATIONS**

#### **Academic Qualifications**

2014-2017	JKUAT	MBA - Strategic Management
2009-2012	Kenyatta University	PhD - Food, Nutrition and Dietetics
2002-2005	Kenyatta University	Msc - Food, Nutrition and Dietetics
1995-2000	Egerton University	Bsc - Food, Nutrition and Dietetics (Upper Second)
1990-1993	Njiiri High School	KCSE (B+)

#### **Professional Courses**

April- July 2021	KU	e-learning Training – Extend Africa – 3 modules
October 2019	KU	Training on pedagogy and ISO 9001:2015
June 2019	KU	Gender mainstreaming training
May 2018	KU	Entrepreneurial Mindset and Innovation
Jan 2018	KU	Training on Staff mentor
June 2018	KU	Applied Entrepreneurship Education Programme
Sept 2017	NHP plus	Value chain analyses course
Sept 2016	Zimbabwe	Datalyst Africa -Advanced statistics and Data analysis course (Use of STATA and NVIVO)
May 2016	Kenyatta University	Use of SPSS in data analyses
July 2014	GAIN/WHO (Geneva)	Applied statistics (Optifood /ProPAN softwares in research)
Feb 2014	Kenyatta University	Use of Smart board in teaching
Jan 2012	USAID	project planning and management, procurement donor fund management and accounting
June 2012	GAIN	Focused Ethnographic methodology in qualitative research
July 2011	FSAU	Nutrition assessment course
April 2008	United Nations	SMART for ENA methodology
April 2006	Ministry of Health	Nutrition management in HIV
Feb 2006	Ministry of Health	Integrated Management of Childhood Illness (IMCI)

Feb 2006	Ministry of Health	Focused Antenatal Care
Sept 2005	Ministry of Health	PMTCT/ Pediatric HIV
April 2004	FSAU	Nutrition surveillance and response in emergency
Jan 2000	Makerere University	Advanced statistics course (Data analysis using SPSS, EPI-INFO, Nutri-survey)
May 1995	Egerton University	Participatory Rural appraisal (PRA)
Dec 1997	Egerton University	CPA 1- KASNEB

### 1.1.3 Employment History

<b>Date</b>	<b>Position</b>	<b>Duties</b>
August 2021 to date:	Chairman Department, Food, Nutrition and Dietetics, Kenyatta University	Administrative duties at the department
January 2018- to date	<b>Senior Lecturer</b> Department of Food, Nutrition and Dietetics Kenyatta University	<b>Areas of teaching;</b> <ul style="list-style-type: none"> <li>➤ Biostatistics</li> <li>➤ Maternal and child nutrition</li> <li>➤ Nutrition and food security</li> <li>➤ Community nutrition assessment</li> <li>➤ Nutrition through the lifecycle</li> <li>➤ Clinical dietetics</li> <li>➤ Nutrition in emergencies</li> <li>➤ Research Methods</li> <li>➤ Program design, monitoring and evaluation</li> </ul>
January 2013- December 2017	<b>Lecturer</b> Department of Food, Nutrition and Dietetics Kenyatta University	<b>Areas of teaching;</b> <ul style="list-style-type: none"> <li>➤ Statistics</li> <li>➤ Maternal and child nutrition</li> <li>➤ Nutrition and food security</li> <li>➤ Community nutrition assessment</li> <li>➤ Entrepreneurship in nutrition</li> <li>➤ Nutrition in emergencies</li> <li>➤ Research Methods</li> <li>➤ Program design, monitoring and evaluation</li> </ul>
Jan 2009- Dec 2012	<b>Tutorial Fellow</b> Department of Food, Nutrition and Dietetics Kenyatta University	<b>Areas of teaching;</b> <ul style="list-style-type: none"> <li>➤ Statistics</li> <li>➤ Maternal and child nutrition</li> <li>➤ Nutrition and food security</li> <li>➤ Community nutrition assessment</li> <li>➤ Entrepreneurship in Nutrition</li> <li>➤ Nutrition in emergencies</li> <li>➤ Research Methods</li> <li>➤ Program design, monitoring and evaluation</li> </ul>
Feb 2008 - Dec 2008	<b>Nutrition Officer</b> UNICEF UNITED NATIONS Kenya Office	<ul style="list-style-type: none"> <li>➤ Policy formulation and advocacy</li> <li>➤ Coordination of nutrition activities in middle and South Rift Valley (post-election violence)</li> <li>➤ Supplies requisition and tracking</li> <li>➤ Capacity building to NGOs and MOH staff</li> <li>➤ Monitoring /Evaluation of interventions</li> <li>➤ Nutrition surveillance, surveys and assessments</li> <li>➤ Chair of inter-agency collaboration with GOK and other health and nutrition implementing partners</li> <li>➤ Grants management</li> <li>➤ Strategic plan review</li> <li>➤ Fund raising</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Reporting</li> <li>➤ Grant proposal analyses for funding</li> </ul>
July 2006 - Jan 2008	<b>Nutrition Manager</b> World Vision Kenya Office	<ul style="list-style-type: none"> <li>➤ Projects design and proposal writing</li> <li>➤ Strategic plan development</li> <li>➤ Management and coordination of a nutrition program activities (SFP and OTP)</li> <li>➤ Coordination of community mobilization</li> <li>➤ Commodity management and tracking</li> <li>➤ Capacity building of WVK and MOH staff</li> <li>➤ Managing grants</li> <li>➤ Program monitoring /evaluation</li> <li>➤ Carrying out surveys and assessment</li> <li>➤ Nutrition surveillance</li> <li>➤ Inter-agency collaboration with GOK and other implementing agencies</li> <li>➤ Project design</li> <li>➤ Policy formulation</li> <li>➤ Report writing</li> <li>➤ Data analyses</li> </ul>
April 2005- June 2006	<b>Provincial Nutrition Officer</b> Central Province Ministry of Health	<ul style="list-style-type: none"> <li>➤ Health policy formulation</li> <li>➤ GOK advisor on nutrition and health issues</li> <li>➤ Inter-sectoral collaboration</li> <li>➤ Proposal design, funds management</li> <li>➤ Supervision of nutrition activities /staff</li> <li>➤ Fund raising for nutrition activities</li> <li>➤ Representing the GOK in stakeholders meeting</li> </ul>
October- Nov 2002	<b>Nutritionist</b> (Contract) Huduma Miongoni Mwa Wafugaji Morogoro - Tanzania	<ul style="list-style-type: none"> <li>➤ Carrying out Participatory Rural Appraisal</li> <li>➤ Nutrition program management</li> <li>➤ Proposal and report writing</li> <li>➤ Health and nutrition education</li> </ul>
July – September 2002	<b>Nutritionist</b> (Contract) Mission to Un-reached People (MUPE) Rubek - Southern Sudan	<ul style="list-style-type: none"> <li>➤ Nutrition and food consumption survey</li> <li>➤ Proposal design</li> <li>➤ Nutrition program roll out</li> <li>➤ Project monitoring and evaluation</li> <li>➤ Report writing</li> </ul>
July 2000-July 2002	<b>Nutrition Officer</b> (contract) Lutheran World Federation (LWF) Kakuma Refugee Camp	<ul style="list-style-type: none"> <li>➤ Nutrition assessment /survey</li> <li>➤ Planning nutrition interventions</li> <li>➤ Planning school feeding program</li> <li>➤ Commodities management</li> <li>➤ Capacity building for staff</li> <li>➤ Rehabilitation of orphaned children</li> <li>➤ Inter-agency collaboration with UNHCR and other agencies in the camp</li> <li>➤ Diet therapy for hospitalized refugees</li> </ul>

#### 1.1.4 Achievements

- Attracted research grants worth **112,779.870 KES**
- Undertaken MBA (Strategic Management) for more skills to undertake administrative duties at Kenyatta University
- Being a member of organising committee to over 13 conferences
- Being a board member of both national and international boards

- Participation in various community activities
- Published 55 peer reviewed publication and 3 book chapters
- Participation in writing of 2 books for use in Univeristy teaching
- External examiner in 4 Univeristies

## 1.2 Publications

### 1.2.1 Referred Journals

No	Author(s)	Year	Title	Journal	ISBN/ISSN
1	Johnson Weru, Peter Chege, Anthony Wanjoya, John Kinyuru	2022	Comparison of healthfulness of conventional meats and edible insects in Sub-Saharan Africa using three nutrient profiling models	Bulletin of the National Research Centre(2022) 46:43 <a href="https://doi.org/10.1186/s42269-022-00726-y">https://doi.org/10.1186/s42269-022-00726-y</a>	ISSN :  2522-8307
2	Sarah Oteri, Judith Kimiywe, Peter Chege	2020	Complementary Feeding Practices of Children 6-23 Months of Mother-To-Mother Support Groups Participants and Non-Participants in Kakuma, Turkana County, Kenya: A Cross-Sectional Comparative Study	Journal of Pediatric and Womens Healthcare	ISSN: 2643-797
3	Willy Kiboi, Judith Kimiywe, Peter Chege	2020	Longitudinal Changes of Human Milk Nutrient Content in the First 6 Months of Lactation	World Journal of Nutrition and Health vol. 8, no. 1 (2020): 1-6. doi: 10.12691/jnh-8-1-1	ISSN:2379-7819 ISSN: 2379-7827
4	Jamleck Muthuuri, Eliab Some, <b>Peter Chege</b>	2019	Adult Characteristics of Survivors of Early Life Malnutrition in an Impoverished Population	Clinical Nutrition	ISSN: 0261-5614
5	Phyllis Waruguru, <b>Peter Chege</b>	2019	Water Safety Practices and Occurrence of Diarrhea Among Children Under Five in Different Households of Njemp Community, Baringo County, Kenya	Food Science and Quality Management	www.iiste.org ISSN 2224-6088
6	Lennah Nyatichi, <b>Peter Chege</b> , Irene Ogada	2019	Maternal Socio-Economic Status, Complementary Feeding Practices and Nutrition Status of Children Ages 6-23 Months in Kuria West, Migori County, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
7	Naureen Andare, Sophie Ochola and <b>Peter Chege</b>	2019	Determinants of infant feeding practices among mothers living with HIV attending prevention of mother to child transmission Clinic at Kiambu Level 4 hospital, Kenya: a cross-sectional study	Nutrition Journal	ISSN: 1475-2891
8	Jacqueline Macharia, Dorcus Mbithe, Harun Kimani and <b>Peter Chege</b>	2019	Feeding Practices and Nutrition Status among Children Aged 6-23 Months after Discharge from Supplementary Feeding Program in Isiolo County, Kenya	Food Science & Nutrition Research	ISSN 2641-4295

9	Mercy Githinji, Doris Mbugua and <b>Peter Chege</b>	2019	Application of Marketing Mix Strategies and the Effect on Market Performance of Motor Vehicle Dealers in Kenya	European Journal of Business and Management www.iiste.org	ISSN 2222-1905 (Paper) ISSN 2222-2839
10	Tabitha A. Yusuf, <b>Peter Chege</b>	2019	Awareness of Food Hygiene Practices and Practices among Street Food Vendors in Nasarawa State, Nigeria	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
11	Samuel Njagi, <b>Peter Chege</b>	2019	Is HIV a Contributing Factor to Occurrence of Hyperglycemia: A Case of People Living with HIV Attending Nyeri Referral Hospital, Kenya?	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
12	Rebecca Cheronu, <b>Peter Chege</b> , Judith Kimiywe, and Irene Ogada	2019	Body Image at Postpartum: Being Overweight but Not Noticing!	Nutrition and Food Technology	ISSN 2470-6086
13	Mohamed Abdirahman, <b>Peter Chege</b> and Joseph Kobia	2019	Nutrition Knowledge and Dietary Practices among Pregnant Adolescents in Mandera County, Kenya	Food Science & Nutrition Research	ISSN 2641-4295
14	Nicoleta Mwaniki, <b>Peter Chege</b> and Ann Munyaka	2019	Dietary Diversity, Iron Intake and Anemia among Pregnant Women in Embu County, Kenya	Nutrition and Food Technology	ISSN 2470-6086
15	<b>Peter Chege</b> , Grace Gachuiru and Zipporah Ndungu	2019	Food Security and Nutrition among Adults Living with Disability in Nakuru County, Kenya	Nutrition and Food Technology	ISSN 2470-6086
16	Grace Waweru, <b>Peter Chege</b> , Eunice Njogu	2019	Pre-Conception Nutrition Knowledge and Attitudes among Female Undergraduate Students at Kenyatta University, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
17	Felix Ondiek, <b>Peter Chege</b> , and Ann Munyaka	2019	Nutritional Value of a Mushroom Fortified Maize Porridge for Complementary Feeding in Siaya County Kenya	Nutrition and Food Technology	ISSN 2470-6086
18	Fridah Munene, Judith Kimiywe and <b>Peter Chege</b>	2019	Dietary Practices and Nutrition Status of Adolescents Attending Day Secondary Schools in Kenya	Food Science & Nutrition Research	ISSN 2641-4295
19	Zipporah Ndungu and <b>Peter Chege</b>	2019	Dietary Diversity and Micronutrients Adequacy of Diets Consumed by School Aged Children in Nairobi City County, Kenya	Nutrition and Food Technology	ISSN 2470-6086

20	Terry Mwangi, Irene Ogada, Whadi-ah Parker, <b>Peter Chege</b> , Willy Kiboi	2018	Complementary Feeding Practices of Children 6-23 Months of Age Whose Fathers Consumed Illicit Alcohol in Kirinyaga County, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
21	Jamleck Muthuuri, Eliab Some, <b>Peter Chege</b>	2018	Association between early life malnutrition and the size of Lumbar spinal canal among adults of coastal region, Kenya	East African Orthopaedic Journal	ISSN: 1994-1072
22	<b>Peter Chege</b> and Naom Mokono	2018	Dietary Practices, Morbidity Status and Nutritional Status of People Living With HIV/AIDS in Homabay County, Kenya	International Journal of Medical Science and Health Research	ISSN: 2581-3366 Vol. 2, No. 03
23	Alice Odundo, Paul Okemo, <b>Peter Chege</b>	2018	An assessment of food safety practices among street vendors in Mombasa, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
24	<b>Peter Chege</b> and Grace Kiirui	2018	Influence of resource capabilities on performance of large dairy firms in Kenya	The International Journal of Business and Management	ISSN 2321 – 8916
25	Moyo Burhaan Bakari, Ann Munyaka-Ng'ang'a, <b>Peter Chege</b>	2017	Childcare Practices, Morbidity Status and Nutrition Status of Preschool Children (24-59 Months) Living in Orphanages in Kwale County, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
26	Agnes Mwendia, <b>Peter Chege</b> , Eunice Njogu	2017	Dietary Practices and Nutrition Status of Adult Pulmonary Tuberculosis Patients Attending Nyeri County Referral Hospital, Kenya	Food science journal – Scholars Bulletin	ISSN 2412-9771
27	<b>Peter Chege</b> and Margaret Oloko	2017	Influence of generic strategies on performance of large dairy firms in Kenya	European Journal of Business and Management www.iiste.org	ISSN 2222-1905 (Paper) ISSN 2222-2839
28	Jane Mbijiwe, <b>Peter Chege</b> and Ann Munyaka	2017	Relationship between body mass index and blood pressure level in hypertensive patients attending Kiambu district hospital, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571
29	<b>Peter Chege</b> and Olive Muthamia	2017	Level of micronutrient supplements uptake among people living with HIV/AIDS in Kayole, Nairobi County, Kenya	Journal of AIDS and HIV Research	ISSN:2141-2359 DOI: 10.5897/JAHR2017.0414 2141-2359
30	<b>Peter Chege</b> and Elizabeth Kuria	2017	Relationship between nutrition knowledge of caregivers and dietary practices of children under five in Kajiado County, Kenya	Women's Health Bulletin	2345-5136 /2382-9990 DOI: <a href="https://doi.org/10.17795/whb-43820">10.17795/whb-43820</a>
31	Willy Kiboi, Judith Kimiywe and <b>Peter Chege</b>	2017	Determinants of dietary diversity among pregnant women in Laikipia County, Kenya: A cross-sectional study	BMC Nutrition	2017. 3:12. DOI 10.1186/s40795-017-0126-6
32	Judith Kimiywe and <b>Peter Chege</b>	2017	Determinants of Complementary Feeding and Nutrition Status of	BAOJ Pediatrics	BAOJ Pediat 2017, 3: 13: 032

			Children 6-23 Months in Vihiga County, Kenya.		
33	<b>Peter Chege</b> , Judith Kimiywe	2016	Micronutrient and Microbial Quality Assessment of Solar Dried Amaranth ( <i>Amaranthus Cruentus</i> ) Leaves Produced in Kajiado County Kenya	Nutrition and Food Technology journal	ISSN 2470-6086. Open Access 3(1): doi <a href="http://dx.doi.org/10.16966/2470-6086.135">http://dx.doi.org/10.16966/2470-6086.135</a>
34	Samuel Msanzu, <b>Peter Chege</b> , Winfred Maoga	2016	Household Food Security, Dietary Practices and Nutritional Status of Preschool Children in Bahari Division, Kilifi County, Kenya	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: ISSN: 2249-9571
35	Phrashiah Githinji, <b>Peter Chege</b> , Scolastica Githinji	2016	Nutritional Status and School Performance among Upper Primary Children in Selected Public Schools in Nairobi County, Kenya.	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: ISSN: 2249-9571
36	Marieke Vossenaar, Frances A Knight, Alison Tumilowicz, Christine Hotz, <b>Peter Chege</b> and Elaine L Ferguson	2016	Context-specific complementary feeding recommendations developed using Optifood could improve the diets of breast-fed infants and young children from diverse livelihood groups in northern Kenya.	Public Health Nutrition	ISSN: 1475-2727 doi: 10.1017/S1368980016003116.
37	<b>Peter Chege</b> , Zipporah Ndungu	2016	Opportunities and limitations of using food composition tables in clinical nutrition and dietetics in Kenya.	EC Nutrition	<i>EC Nutrition</i> 5.6 (2016): 1266-1276.
38	<b>Peter Chege</b> , Olive Muthamia,	2016	Effects of seasonality on household food security and food consumption patterns of pastoralist's children in Kajiado County, Kenya	EC Nutrition	<i>EC Nutrition</i> 5.6 (2016): 1266-1276.
39	<b>Peter Chege</b> , Zipporah Ndungu	2016	Expressing breast milk; constraints among working lactating mothers in Nairobi, Kenya	International Journal of Current Advanced Research	<i>Vol 5, Issue 10, pp 1397-1399, October 2016</i> journalijcar.org. ISSN: 2319 - 6475
40	Hellen Nyakundi, Beatrice Awori and <b>Peter Chege</b>	2016	Effectiveness of Placement Options for Learners with Hearing impairment in Kajiado North Sub-County, Kajiado County, Kenya	International Journal of Arts and Commerce	Vol. 5 No. 7. October 2016. ISSN: 1929-7106
41	Patrick Kamau, Judith Waudo and <b>Peter Chege</b>	2016	Relationship between Maternal Knowledge on Exclusive Breastfeeding and Breastfeeding Practices Among Mothers with Infants (0-6 Months) in Kibera Slums, Nairobi County, Kenya.	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571 - 09/09/2016
42	<b>Peter Chege</b> , Zipporah Ndungu, Betty Makena	2016	Food security and nutritional status of children under-five in households affected by HIV and AIDS in Kiandutu informal settlement, Kiambu County, Kenya	Journal of Health, Population and Nutrition	ISSN 1606 0997.35:21. DOI: 10.1186/s41043-016-0058-9. Published: 22 July 2016.
43	<b>Peter Chege</b> , Zipporah W. Ndungu	2016	Analysis of contamination points of milk through the whole value chain process and the quality of milk products in the dairy industry	Food Quality Control (Book)	<a href="http://www.avidscience.com/book/food-quality-control/">http://www.avidscience.com/book/food-quality-control/</a>

44	Willy Kiboi, Judith Kimiywe and <b>Peter Chege</b>	2016	Dietary Diversity, Nutrient Intake and Nutritional Status among Pregnant Women in Laikipia County, Kenya.	International Journal of Health Sciences and Research (IJHSR)	www.ijhsr.org. ISSN: 2249-9571 - 31/03/2016
45	Elaine Ferguson, <b>Peter Chege</b> , Judith Kimiywe, Doris Wiesmann and Christine Hotz	2016	Zinc, iron and calcium are major limiting nutrients in the complementary diets of rural Kenyan children	Maternal and Child Nutrition Journal	ISSN 1740-8709 Article first published online: 17 JAN 2016   DOI: 10.1111/mcn.12243
46	Christine Hotz, Gretel Pelto, Margaret Armarm-Klemesu, Elaine F. Ferguson, <b>Peter Chege</b> and Enock Musinguzi	2016	Constraints and opportunities for implementing nutrition-specific, agricultural and market-based approaches to improve nutrient intake adequacy among infants and young children in two regions of rural Kenya	Maternal and Child Nutrition Journal	ISSN 1740-8709 Article first published online: 17 JAN 2016   DOI: 10.1111/mcn.12245
47	<b>Peter Chege</b> and Hannah Orwa Bula	2015	Effect of Generic Strategies on the Performance of Dairy Industries in Kenya. A Case of Kenya Cooperative Creameries.	International Journal of Education and Research. www.ijern.com	ISSN 2411-5681 Vol. 3 No. 12
48	<b>Peter Chege</b> and Hannah Orwa Bula	2015	The Effect of Market Forces on Performance of Dairy Industries in Kenya. A Case of Kenya Cooperative Creameries	European Journal of Business and Management www.iiste.org	ISSN 2222-1905 (Paper) ISSN 2222-2839 (Online) Vol.7, No.35, 2015 196
49	<b>Peter Chege</b> , Judith Kimiywe, Zipporah W. Ndungu	2015	Influence of culture on dietary practices of children under five years among Maasai Pastoralists in Kajiado, Kenya	International Journal of Behavioral Nutrition and Physical Activity	ISSN NO 1479-5868-7-39 2015, 12:131 doi: 10.1186/s12966-015-0284-3. <a href="http://www.ijbnpa.org/content/12/1/131">http://www.ijbnpa.org/content/12/1/131</a>
50	Elaine Ferguson, <b>Peter Chege</b> , Judith Kimiywe, Doris Weismann, Christine Hotz and Enock Musinguzi,	2015	Modification of Local Diets Could Fill Gaps in B-Vitamin Intakes but Calcium, Iron, and Zinc Intake Gaps Require External Solutions for Breastfed Children in Rural Kenya	European Journal of Nutrition & Food Safety	473-474, 2015, Article no. EJNFS.2015.122 ISSN: 2347-5641, www.sciencedomain.org
51	Hellen Nyakundi, Beatrice Awori and <b>Peter Chege</b>	2015	Factors Influencing the Placement of Learners with Hearing Impairment in Learning Institutions in Kajiado North Sub-County, Kajiado County, Kenya	International Journal of Education and Research	ISSN 2411-5681 Vol. 3 No. 4, April 2015. <a href="http://www.ijern.com/journal/2015/April-2015/18">www.ijern.com/journal/2015/April-2015/18</a>
52	Judith Kimiywe and <b>Peter Chege</b>	2015	Complementary Feeding Practices and Nutritional Status of Children 6-23 Months in Kitui County, Kenya	Journal of Applied Biosciences 85:7881– 7890 (www.biosciences.elewa.org)	ISSN 1997–5902. <a href="http://dx.doi.org/10.4314/jab.v85i1.10">http://dx.doi.org/10.4314/jab.v85i1.10</a>
53	Olive Muthamia, <b>Peter Chege</b>	2015	Determinants of Adherence to Anti-Retroviral Therapy among Adults Living with HIV in Urban Low-Income Settings: A Case of Kayole Division in Nairobi County, Kenya	International Journal of Health Sciences and Research (IJHSR)	ISSN 2249-9571 Vol. 5; Issue: 1 (January 2015). Pages: 230-239



54	<b>Peter Chege,</b> Elizabeth Kuria, Judith Kimiywe, Hudson Nyambaka	2015	Changes in Nutrient Content for $\beta$ -Carotene, Iron and Zinc in Solar Dried and Stored <i>Amaranthus cruentus</i> Vegetables, in Kenya	International Journal of Agriculture Innovations and Research	Volume 3, Issue 3, ISSN (Online) 2319-1473
55	<b>Peter Chege,</b> Elizabeth Kuria, Judith Kimiywe, Hudson Nyambaka	2014	Retention of B- Carotene, Iron and Zinc in Solar Dried Amaranth Leaves in Kajiado County, Kenya	International Journal of Sciences: Basic and Applied Research (IJSBAR)	ISSN 2307-4531
56	<b>Peter Chege,</b> Elizabeth Kuria, Judith Kimiywe	2010	A comparative Study on Dietary Practices on Nutritional Status among Children living with HIV/AIDs in Kibera slum, Nairobi, Kenya	Journal of Applied Biosciences 32:2008-2014 www.biosciences. elewa.org)	ISSN `1997-5902

### 1.2.2 Univeristy Level Scholarly Books

No	Author(s)	Year	Title	Book
1	<b>Peter Chege</b>	2018	Kenya Recipe Book	Book
2	<b>Peter Chege</b>	2018	Food Composition Table	Book
3	<b>Peter Chege</b>	2016	Baby Friendly Community Initiative Implementation Guidelines	Implementers Book
4	Christine Hotz, <b>Peter Chege,</b> et al.	2015	A qualitative and quantitative research approach to appropriately design integrated agriculture and nutrition interventions for rural Kenya	Methodological book

### 1.2.3 Patented Invention / Innovation

- Co-principal Researcher: Design of a local cotton gin by NRF Grant – Collaboration with Kirinyaga University (on going)

### 1.2.4 Book chapter

No	Author(s)	Year	Title	Book
1	<b>Peter Chege,</b> Zipporah Ndungu	2016	Analysis of contamination points of milk through the whole value chain process and the quality of milk products in the dairy industry	Food Quality Control (Book) <a href="http://www.avidscience.com/book/food-quality-control/">http://www.avidscience.com/book/food-quality-control/</a>

### 1.2.5 Refereed Learning Modules

No	Author(s)	Year	Title	Copy right
1	<b>Peter Chege</b>	2020	HCU 300: Research Methods	Copy right Kenyatta University
2	<b>Peter Chege</b>	2020	HFN 442: Nutrition in Emergencies	Copy right Kenyatta University
3	<b>Peter Chege</b>	2020	HFN 343: Entrepreneurship in Nutrition	Copy right Kenyatta University
4	<b>Peter Chege</b>	2019	HFN 700: Nutrition in The Lifespan	Copy right Kenyatta University

5	<b>Peter Chege</b>	2014	Module: HFN 404: Nutrition in Emergencies	Copy right Kenyatta University
6	<b>Peter Chege, Judith Kimiywe</b>	2014	Module: HCU 300: Research Methods	Copy right Kenyatta University
7	<b>Peter Chege</b>	2013	Module: HFN 304: Statistics	Copy right Kenyatta University
8	<b>Peter Chege</b>	2013	Module: HFN 401: Food Policy and Planning	Copy right Kenyatta University
9	<b>Peter Chege</b>	2012	Module: HFN 202N: Nutrition Assessment and Surveillance	Copy right Kenyatta University
10	<b>Peter Chege</b>	2012	Module: HFN 402: Food and Nutrition Security	Copy right Kenyatta University
11	<b>Peter Chege</b>	2012	Module: HFN 207: Nutritional Epidemiology	Copy right Kenyatta University
12	<b>Peter Chege</b>	2012	Module: HFN 421: Project Design, Monitoring and Evaluation	Copy right Kenyatta University
13	<b>Peter Chege</b>	2011	Module: HFN 703: Nutrition Assessment and Surveillance	Copy right Kenyatta University
14	<b>Peter Chege Dorcus Mbithe</b>	2011	Module: HFN 709: Nutrition and Food and Security and Policies	Copy right Kenyatta University
15	<b>Peter Chege</b>	2010	Module: HFN 714: Nutrition in Emergencies	Copy right Kenyatta University
16	<b>Peter Chege</b>	2010	Module: HFN 711: Statistics and Research Methods	Copy right Kenyatta University

### 1.2.6 Reviewed conference papers

1. 1st International Food Safety Conference (May 2019 Kenyatta University). Paper presented *"Micronutrient and microbial quality assessment of solar dried amaranth (Amaranthus cruentus) leaves produced in Kajiado County Kenya"* Sponsored by KU.
2. 12<sup>th</sup> Egerton university international conference (27 – 29 March 2018, Egerton university) Paper presented *"Forms of disabilities and associated challenges among adults in Nakuru County, Kenya"*

### 1.2.7 Other Publications /Book

- Community Dialogue Cards Book – AVCD
- Mainstreaming Nutrition in Agricultural Programme manual - Smallholder Dairy Commercialization Programme
- Agri-nutrition Manual -NHP
- Kenya Agri-nutrition Strategy Book 2020-2025

### 1.2.8 Scholarly Presentations at Conference/Workshop/Seminars

No	Date	Presenter	Activity/Title of the paper	Venue/ Country	Funding source
1	December 2020	Johnson Weru, Peter Chege	"Edible insects as a substitute for conventional meat in human diet:	University of Applied Sciences	Institute for Technology and Resources Management in

				Cologne, Germany	the Tropics and Subtropics (ITT)
2	July 2020	Peter Chege	Agri-nutrition strategy- Academia Perspective	Online	GIZ
3	May 2019	Peter Chege	Micronutrient and microbial quality assessment of solar dried amaranth ( <i>Amaranthus cruentus</i> ) leaves produced in Kajiado County Kenya	1st International Food Safety Conference- Kenyatta University	KU/GAIN
4	March 2018	Peter Chege	Forms of disabilities and associated challenges among adults in Nakuru County, Kenya	Egerton university	KU
5	November 2017	Peter Chege	Household food security and dietary diversity of children in relation to seasonality among pastoralists in Semi-arid areas: A case of Kajiado County, Kenya	KCB – Karen conference center	KAVES/ NHP - PLUS
6	November 2017	Peter Chege	Do food consumption patterns affect the link between agriculture and optimal nutrition? A case of Nairobi City County	KCB – Karen conference center	KAVES/ NHP - PLUS
7	October 2017	Peter Chege	Health and nutrition related challenges associated with people living with disabilities in Nakuru County, Kenya	Buneos Aires, Argentina	IUNS/ Kenyatta University
8	October 2017	Peter Chege	Effects of seasonality on household food security and food consumption patterns of pastoralist’s children in Kajiado County, Kenya	Buneos Aires, Argentina	IUNS/ Kenyatta University
9	September 2017	Peter Chege	Culture, dietary practices and nutrition status of pastoralist children, Kenya	Shenyang, China	BIT/ Kenyatta University
10	July 2017	Peter Chege	Relationship between energy intake, physical activity level and presence of non-communicable diseases among adults in Nairobi County, Kenya	Regensburg Germany	Movement and Nutrition in Health and Disease
11	November 2016	Peter Chege	Socio-economic profile and household food security among people living with disability in Nakuru County, Kenya	Kenya School of Government Kenya	Kenyatta University
12	November 2016	Willy Kiboi/ Peter Chege	Role of Dietary Diversity in Ensuring Adequate Nutrient Intake and Nutritional Status among Pregnant Women. Findings from Laikipia County, Kenya	Kenya School of Government Kenya	Kenyatta University
13	October 2016	Peter Chege	Prevalence of dual burden of malnutrition and lifestyle diseases among adults living with disability in Nakuru county, Kenya	Marakech, Morocco	Kenyatta University
14	October 2016	Peter Chege	Drying vegetables to bridge the seasonal gap. A case of solar dried amaranth leaves in Kajiado county, Kenya	Marakech, Morocco	Kenyatta University
15	November 2015	Peter Chege	Opportunities and Limitations of Using Food Composition Tables in Clinical	Hyderabad, India	Kenyatta University

			Nutrition and Dietetics in Kenya; Experience of Nutritionists		
16	October 2015	Peter Chege	Use of a culturally acceptable food product to bridge micronutrient intake gap among pastoralists children in Kenya, 1st Global Conference on Patient Centered Care	Kenyatta University, Nairobi Kenya	Kenyatta University
17	May 2015	Peter Chege	Adequacy of vitamin A, iron and zinc in diets consumed by pastoralist's children aged 6-59 months in arid areas of Kenya	Arusha, Tanzania	Kenyatta University
18	May 2015	Peter Chege	Expressing breast milk; opportunities and constraint among working lactating mothers in Nairobi, Kenya	Arusha, Tanzania	Kenyatta University
19	May 2015	Peter Chege	Prevalence and determinants of exclusive breast feeding in Nyeri County, Kenya	Arusha, Tanzania	Kenyatta University
20	November 2014	Peter Chege	Use of GIS in nutrition research	Dar-es-salam Tanzania	Kenyatta University
21	August 2014	Peter Chege	Nutrient gaps and recommendations for complementary feeding among children aged 6-23 months in Isiolo, Marsabit and Turkana counties, Kenya	Geneva, Switzer land	USAID
22	June 2014	Peter Chege	Influence of Maasai culture on dietary practices among children under five years in Kajiado, Kenya	Accra, Ghana	Kenyatta University
23	July 2014	Peter Chege	Determinants of the food consumption patterns of children under five years in Kajiado county	Addis Ababa – Ethiopia	Kenyatta University
24	July 2014	Christine Hotz, Elaine Furguson, Peter Chege	Modification of local diets could fill gaps in B-vitamin intakes but calcium, iron, and zinc intake gaps require external solutions for breastfed children in rural Kenya	Addis Ababa – Ethiopia	Kenyatta University
25	March 2014	Peter Chege	Household food security and dietary diversity among children in Kajiado County, Kenya	Mombasa, Kenya	Kenyatta University
26	September 2013	Peter Chege	Efficacy of dried amaranth leaves on vitamin A, iron and zinc among children under five among Maasai pastoralist in Kajiado County	Granada, Spain, 2013	Kenyatta University
27	December 2012	Peter Chege	The effect of climate change on food security	Nairobi /Kenya	Kenyatta University
28	May 2012	Peter Chege	Nutrient content of dried amaranth leaves	Nairobi /Kenya	Kenyatta University
29	February 2009	Peter Chege	A comparative study on dietary practices and nutritional status among children living with HIV/AIDs in Kibera slum, Nairobi, Kenya	Nairobi /Kenya	Kenyatta University
30	December 2009	Peter Chege	Nutrition implications of post-election violence in Rift Valley Province	UNICEF/ Nairobi, Kenya	UNICEF

### 1.2.12 Seminars/ workshops attendance

No	Date	Presenter/ Participant	Activity	Venue/ Country	Funding source
1	November 2019	Peter Chege	Cost of hunger report launch	KICC	MOP
2	September 2019	Peter Chege	Hazard assessment using earth observations and GIS	Kenyatta University	KU
3	July 2019	Peter Chege	Drafting Agri nutrition curriculum	Nakuru	NHP- PLUS
4	June 2019	Peter Chege	Gender mainstreaming workshop	BSSC - KU	KU
5	July 2018	Peter Chege	Workshop for revising curriculum for CRM	KUCC	KU
6	July 2018	Peter Chege	Workshop for nutrition sensitive agriculture	Naivasha	NHP-plus
7	June 2018	Peter Chege	Entrepreneurial Mindset and Innovation	Chandaria center - KU	KU
8	May 2018	Peter Chege	Applied entrepreneurship education program	Chandaria center - KU	KU
9	Jan 2017	Peter Chege	Vitamin A supplementation and deworming	Gelian hotel - Machakoes	MI/MAP
10	October 2017	Peter Chege	Training course on statistics for nutrition	Marakech, Morocco	Nutrition society
11	Sept 2016	Peter Chege	Workshop for qualitative data analysis using NVIVO	Harare - Zimbabwe	Datalyst Africa
12	January 2016	Peter Chege	Workshop for developing Food Composition Tables for Kenya	Gelian-Machakos _ Kenya	KARLO/UNF AO
13	December 2015	Peter Chege	Food composition table training	FAO- Kenya	KARLO
14	November 2015	Peter Chege	Biostatistics for Chemists and Nutritionists	Hyderabad, India	Kenyatta University
15	November 2015	Peter Chege	Food and data tools and their application in food and nutrition research	Hyderabad, India	Kenyatta University
16	November 2015	Peter Chege	Food biodiversity seminar	Hyderabad, India	Kenyatta University
17	October 2015	Peter Chege	Strategic management in Public Universities	Jomo Kenyatta University	Jomo Kenyatta University
18	November 2015	Peter Chege	Ethnographic and Optifood workshop on complementary feeding among Children 6-23 Months in ASAL Kenya (USAID / GAIN)	Nairobi University, Kenya	Kenyatta University
19	June 2015	Peter Chege	Contribution of neglected and underutilized species (NUS) of plants to food security, income generation, better nutrition and climate change resilience	Nairobi University, Kenya	Kenyatta University
20	November 2014	Peter Chege	Use of GIS in nutrition survey	Dar es salaam University, Kenya	Kenyatta University
21	August 2014	Peter Chege	Use of Optifood and Propan tools	Geneva, Switzerland	Kenyatta University
22	June 2014	Peter Chege	Food and nutrition in children-department of Paediatrics	Kenyatta University	USAID

23	June 2014	Peter Chege	Training of trainers' course on use of smart board in teaching	Kenyatta University	Kenyatta University
24	September 2013	Peter Chege	Climate change, food security, disaster reduction and resilience	Nairobi University, Kenya	Kenyatta University
25	May 2013	Peter Chege	Nutritional data management	Makerere University, Uganda	Makerere University,
26	December 2012	Peter Chege	SMART for ENA methodology	United Nations	United Nations
27	May 2012	Peter Chege	Child rights and protection seminar	United Nations	United Nations
28	February 2009	Peter Chege	Human Resource Management	United Nations	United Nations
29	December 2009	Peter Chege	Positive Deviance Hearth concept	World Vision Canada	World Vision
30	April 2007	Peter Chege	Disaster preparedness, response and mitigation	World Vision Kenya	World Vision Kenya
31	Mar 2006	Peter Chege	Nutrition management in HIV	MOH, Kenya	
32	June 1998	Peter Chege	Participatory Rural Appraisal (PRA)	Egerton University	

### 1.2.13 Organising Conference/seminars

- Member of organising committee - 1st International Food Safety Conference – May 2019 - Kenyatta University
- Member of organising committee -Agri-nutrition conference -September 2019:Safari park Hotel
- Member of organising committee –Agri-nutrition conference held on 21<sup>st</sup> – 22<sup>nd</sup> November 2017 at KCB conference center
- Member of organising committee - World under 18 athletics championship pre-games symposium to be held on July 2017 at Kenyatta University
- Member of the organising committee for SUN Academia Network Symposium (2016) Held in Nairobi – Kenya in November, 2016
- Chairman of administration, publicity and logistics committee. Nutrition confrenece – Kenya School of Government November 2016
- Coopted in the organising committee for FANUS conference (2015) in Arusha – Tanzania – participated as chair and rapporteur of sessions
- Symposium convener – nutrition symposium on nutriron gaps in Kenya – Kenyatta University Conference Center – funded by GAIN (2014). Participants from universities, ministry of health, ministry of agriculture and NGOs.
- Symposium Convener – Nutrition symposium– School of Public Health, University of Nairobi – funded by GAIN. (2014)
- Chairman of organising committee -Optifood conference-University of Nairobi (2014)
- Data analysis workshop –use of Cs pro and SPSS in data management – Kenyatta University Business Center (2013). Trainers from Canada and Uganda. Participants staff and MSC students
- Organised a workshop on Operational research as a guide to effective policy formulation and program design at national and county levels using innovative tools and methods: Sharing of Best Practices on 21<sup>st</sup> October 2014, at Silver Springs Hotel Nairobi; Funded by USAID

## 1.3 QUALITY TEACHING LEARNING AND MENTORSHIP

### 1.3.1 Training in higher education

1. October 2019 Training on pedagogy and ISO 9001:2015
2. June 2019 Gender mainstreaming training
3. June 2018 Applied Entrepreneurship Education Programme
4. January 2018 Staff mentor training seminar

### **1.3.2 Ongoing Supervision**

#### **1.3.2.1 Ongoing PhD Supervision**

1. Johnson Weru Ndung'u (AGF421/2487/18). Modelling the nutritional value of insects as a substitute for conventional meat in Kenya (Jomo Kenyatta University of Agriculture and Technology)
2. Victor Migiro Getuno (Q97/30936/15) Effect of Health Education Intervention on Food Hygiene and Safety Practices of Street Food Vendors in Nairobi City County, Kenya
3. Ernest Muthami Mutua (P97,26646/2014. Effectiveness of Patient Education and Phone Based Reminders in Hypertension Control: A Randomised Control Trial.

#### **1.3.2.2 Ongoing Masters Supervision**

1. Amoke Lydia Achieng (H60/CTY/PT/38158/2017). Breastfeeding Practices and Nutrition Status of Infants 6-24 Weeks of Post-Partum Depressed Mothers in Selected Hospitals in Nairobi County, Kenya.
2. Christine Okute (H60/CTY/PT/26954/2013). Composition and Timing of Pre-Competition Meal and Nutrition Status of Soccer Players in Kenya Premier League
3. Mboya Mung'ombe Elizabeth (H60/CTY/PT/25422/2018). Socio-Demographic, Competency Knowledge and Performance Pattern Model of Clinical Nutrition Interns in Kenya
4. Jacqueline Macharia. (H60/38711/2016). Weight Management Approaches Adopted by Overweight and Obese Youth (18 to 30 Years) Working in Selected Banks in Nairobi County, Kenya
5. Janice Gatakaa Gitari (H60/25212/2011) Effect of Agricultural Commercialization, Household Food Security and Nutrition Status of Children Age 6-59 Months in Tharaka-Nithi County, Kenya
6. Kimondo Elizabeth Wambui (H60/CTY/PT/29439/2014). Household food security, morbidity and nutritional status of adult females with tungiasis in Muranga County, Kenya
7. Dominic Kiprotich (GMND/M/0228/01/18). Tittle of the concept "Knowledge, dietary practice and nutrition status of type 2 diabetic patients at Nakuru Level 5 Hospital, Kenya".
8. Chepkemai Nourine Yegon (GMND/M/3148/09/18). Tittle of the concept "Determinants of nutrition status among patients with pulmonary tuberculosis at Kericho County Referral Hospital, Kenya".

### **1.3.3 Completed Supervision of Post Graduate Students**

#### **1.3.3.1 PhD Supervision complete**

1. Jamleck Michemi Muthuuri – (PHD/2015/21852. The effect of nutrition on the growth of lumbar spinal canal (Graduated August 2019)
2. Willy K. Kiboi (H87/37658/16). Impact of Maternal Diet on Breast Milk Composition and Infant (0-6 Months) Nutritional Status: A Randomized Controlled Trial in Laikipia County, Kenya (Graduated December 2020)

#### **1.3.3.2 Masters Supervision complete**

1. Joseph Aruasi (H60/Cty/Pt/37354/16): Influence of Dietary Diversity and Intake on the Nutrition Status of Children (6-59 Months) in Nambale Rural, Busia County, Kenya (Graduated December 2021)
2. Lennah Nyatich Nyakundi (H60/CTY/PT/22571/2012): Maternal socio-economic status, complementary feeding practices and nutrition status of children 6-23 months of age in Migori County, Kenya. (Graduated December 2020)
3. Sarah Kwamboka Oteri (H60/CE/24085/2012). Complementary feeding practices and nutrition status of children of mother-to-mother support groups participants and non-participants in Kakuma, Turkana County, Kenya. (Graduated December 2020)

4. Grace Wairimu Waweru (Reg No: H60/CTY/PT/26953/13). Knowledge, Attitudes and Dietary Practices Related to Pre-Conception Nutrition among Female Students at Kenyatta University, Kenya (December, 2019)
5. Tabitha Atafache Yusuf (T129F/39087/2016): Hygienic Food Handling Practices among Street Food Vendors and Customers' Perception on Food Safety in Nasarawa State, Nigeria
6. Rebecca Cheroni (H60/28164/2014): Dietary Practices, Body Image and Nutrition Status of Postpartum Women in Kasarani Sub-County, Nairobi County, Kenya. (December, 2019)
7. Mohamed Khalif Abdirahman (H60/CE/24083/2012): Nutrition knowledge, dietary practices and nutrition status of pregnant adolescents in Mandera East sub-county, Madera County Kenya. (July, 2019)
8. Munene Kainda Fridah (H60/33059/2015). Contribution of breakfast consumption to total nutrient intake and nutritional status of adolescents aged 13-18 years in Thika, Kiambu County, Kenya (July, 2019)
9. Silas Tumpeine: (H60/CE/22678/2011): Dietary intake, morbidity patterns and nutrition status among adult patients living with HIV and aids attending Narok county referral hospital, Kenya (July, 2019)
10. Mugambi Terry Kathomi (H60/26955/2013) Diet Management, Physical Activity and Blood Glucose control of type 2 Diabetic Patients attending Meru General Hospital, Kenya (July 2019)
11. Ondiek Felix Odhiambo (H60/28766/20130). Nutritional and sensory attributes of porridge flour formulated with maize and oyster mushrooms for complimentary feeding in Kenya (December, 2018)
12. Mendia Agnes Wangari (H60/CE/25205/2011) Dietary Practices, Morbidity patterns and Nutritional status of adult TB patients (18-55) attending Nyeri County Referral Hospital, Kenya. (December, 2018) and published MSC
13. Burhaan Bakari Moyo (H60/23532/2011). Childcare practices, morbidity patterns and nutritional status of pre-school children (24-59 months) living in orphanages in Kwale County, Kenya (December, 2018)
14. Eva Kahuro (H60/CTY/PT/21270/2012). Dietary Practices, Morbidity Patterns and Nutritional Status of Lactating Mothers among Pastoralist Communities in Isiolo County, Kenya. (December, 2018)
15. Mbinjiwe Jane Gatwiri (H60/CE/24381/2010). Physical activity, Dietary Practices and Nutritional status of Hypertensive patients attending Kiambu district hospital, Kiambu County, Kenya. (December, 2017) and published MSC
16. Andare Naureen (H60/CTY/PT/25564/20111). Determinants of Infant Feeding Practices Among Mothers Living with HIV Attending PMTCT Clinic at Kiambu District Hospital, Kiambu Kenya County (July, 2017)
17. Nicoleta Muthoni Mwaniki (H60/CE/26454/2011). Dietary Diversity, Dietary Iron Intake and Iron Status among Pregnant Women in Embu County Kenya. (July, 2017)
18. Samuel C. Msanzu (H60/22717/2012). Household Food Security and Nutritional Status of Children Aged 6-59 Months in Bahari Division, Kilifi County, Kenya (July, 2017) and published MSC work)
19. Phrasiah Githinji (Q57/CTY/PT/24151/2013). Dietary Practices, Nutritional Status and School Performance among children aged 13-15 years in selected Nairobi County Primary schools, Kenya (July, 2017) and published MSC work)
20. Patrick Kamau Mucheru (H60/CTY/PT/22412/2012). Sources and Content of Maternal Knowledge on Exclusive Breastfeeding Practices among Mothers with Infants (0-6 months) in Kibera slums, Nairobi. Submitted Thesis for examination (December 2016) published MSC work)
21. Willy Kahanya Kiboi (H60/27145/2013). Dietary Diversity, Nutrient Intake and Nutritional Status among Pregnant Women in Laikipia County, Kenya. (July, 2016) and published MSC work



22. Nyamunsi Naom Mokono (H60/109900/2007). Food security status, dietary practices and nutritional status of people living with HIV and AIDS in Homabay town, Kenya. Graduated (December, 2015) and paper accepted for publication
23. Hellen K. N. Nyakundi (E55/22866/2011). Effectiveness of assessment and placement of learners with hearing impairment in learning institutions in Kajiado North District, Kajiado County, Kenya. Graduated (July, 2015) and published MSC work

#### 1.4. PROFESSIONAL/CONSULTANCY

##### 1.4.1 Networks and collaborations

- JUDGE/JURY – Bayer East Africa competition
- Collaboration with FHI 360 for development of Agri-nutrition curriculum
- Collaboration with SDCP technical working group on nutrition sensitive agriculture and to undertake survey on streamlining to small dairy project a
- Collaboration with KOFORIDUA technical University as lecturer for PhD program
- Collaboration with MOH-Member of micronutrient Technical Working Group
- Collaboration with Ministry of Planning-launch of Cost of Hunger report
- Collaboration with Ministry of Tourism-Member of resilience and crisis management project team
- Collaboration with NHP plus-in value chain Analysis and development report
- Vitamin Angels – TOT – delivery of services for Vitamin A supplementation and deworming
- REGAL- IR Research– Principle researcher -GAIN/USAID project
- Ministry of Agriculture – Nutrition Expert - Small Holder Dairy Commercialization Programme (SDCP)
- Nairobi City Council – County Health Services – Malezi Bora Activities
- Kenya Agricultural & Livestock Research Organization (KALRO) – Academia Representative- Review of Food Composition Tables

##### 1.4.2 Editorial Boards/ Referee for Professional Periodicals

- Invitation to review manuscript-Journal of Nutrition and Dietetics
- Invitation to review manuscript-Journal of Medicine and Clinical Science
- Invitation to review manuscript-BMC Nutrition

##### 1.4.3 Appointment to national, regional or International Boards as consultant

1. Consultant - ILRI to undertake M&E for AVCD ending project

##### 1.4.4 Consulting for external academic/ professional Organizations/ Institutions

Date	Position/ Type of research	Duties
July 2018	Nutrition consultant SDCP	Mainstreaming nutrition into the existing dairy project Monitoring and evaluation of the SDCP project
March 2018	Lead Consultant ILRI AVCD project	Assessing the impact of nutrition related activities in AVCD project areas <ul style="list-style-type: none"> <li>➤ Training field teams</li> <li>➤ Data collection supervision</li> <li>➤ Data analysis /Report writing</li> <li>➤ Presentation of findings</li> </ul>
May 2015- 2016	Principal Investigator VC grant project	<ul style="list-style-type: none"> <li>➤ Planning for the survey</li> <li>➤ Training field teams</li> <li>➤ Data collection supervision</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Data analysis /Report writing</li> <li>➤ Presentation of findings</li> </ul>
May 2013-2015	Principal Investigator GAIN Project	<ul style="list-style-type: none"> <li>➤ Planning for the survey (FES and OPTIFOOD methodology) in Isiolo Marsabit and Turkana counties</li> <li>➤ Activities ongoing</li> </ul>
May 2012-May 2013	Co - investigator GAIN	<ul style="list-style-type: none"> <li>➤ Planning for the survey (FES and OPTIFOOD methodology) in Vihiga and Kitui counties</li> <li>➤ Training field teams</li> <li>➤ Data collection supervision</li> <li>➤ Data analysis /Report writing</li> <li>➤ Presentation of findings</li> </ul>
April – May 2012	Consultant Save the Children UK	<ul style="list-style-type: none"> <li>➤ Planning for the survey (SMART) in Mandera county</li> <li>➤ Undertaking survey</li> <li>➤ Data analysis</li> <li>➤ Report writing</li> <li>➤ Presentation of findings</li> </ul>
2011	Consultant (Saman) MERCY USA	<ul style="list-style-type: none"> <li>➤ Planning for the survey (SMART) in Garissa county</li> <li>➤ Undertaking survey</li> <li>➤ Data analysis</li> <li>➤ Report writing</li> <li>➤ Presentation of findings</li> </ul>
2008	Consultant Kenyatta University	<ul style="list-style-type: none"> <li>➤ Planning for the survey (SMART) in Kajiado county</li> <li>➤ Undertaking survey,</li> <li>➤ Data analysis</li> <li>➤ Report writing</li> <li>➤ Presentation of findings</li> </ul>
2008	Consultant Compassion International	<ul style="list-style-type: none"> <li>➤ Undertaking nutrition survey,</li> <li>➤ Data analysis (SPSS &amp; Epi info)</li> <li>➤ Report writing</li> </ul>
2008	Coordinator; End of Project Evaluation, UNICEF	<ul style="list-style-type: none"> <li>➤ Impact evaluation of post-election violence nutrition interventions</li> </ul>
2008	Survey Coordinator –Post election violence in Kenya by UNICEF	<ul style="list-style-type: none"> <li>➤ Conducting a nutrition survey in Rift Valley province</li> </ul>
April/ May 2007	Survey Coordinator –Turkana District Food security and nutrition survey UNICEF/WVK/OXFAM	<ul style="list-style-type: none"> <li>➤ Coordination of all the survey activities in the survey in Turkana district</li> <li>➤ Data analysis and report wriing</li> </ul>
2007	Nutritionist/ Team leader CTC roll out team Thiet - Tonj – Southern Sudan Valid International/ WVK Canada	<ul style="list-style-type: none"> <li>➤ Nutrition assessment</li> <li>➤ Roll out of CTC nutrition program</li> <li>➤ Community mobilization</li> <li>➤ Incorporation of CTC within PHC activities</li> <li>➤ Monitoring the CTC</li> </ul>
2007	Principle Investigator Impact Assessment World Vision Kenya	<ul style="list-style-type: none"> <li>➤ Impact assessment for a nutrition intervention (SQUEAC)</li> <li>➤ Baseline assessment</li> <li>➤ Nutrition intervention (SFP and OTP)</li> <li>➤ Data analyses</li> <li>➤ Report writing</li> <li>➤ Presentation of findings</li> </ul>
December 2006	Survey Coordinator –Turkana District Assessment of IYCF UNICEF/WVK-Hong Kong /GOK	<ul style="list-style-type: none"> <li>➤ Coordination of all the survey activities in the assessment in Turkana district</li> </ul>
January - Feb 2006	Consultant Food security and nutrition survey Central Province - CKDAP/UNOPS/GOK	<ul style="list-style-type: none"> <li>➤ Conducting a nutrition survey</li> <li>➤ Data analysis and report wriing</li> </ul>

2003	Assistant Consultant National Food Consumption Survey - UNICEF	➤ Data collection on vehicle determination for vitamin A Supplementation
2003	Assistant Consultant Nutrition and HIV/AIDS research. Nutrition Third World Project - USA Thika & Bungoma Districts	➤ Proposal writing ➤ Nutrition survey ➤ Data analysis ➤ Report writing ➤ Results dissemination

#### 1.4.5 Membership to Academic/Professional Bodies

- The Kenya Nutrition and Dietetics Institute (KNDI)
- Member of African Nutrition Society (ANS)
- Member of Kenya Association of Food Safety and Protection (KAFSAP)

#### 1.4.6 External Examiners

1. External examiner – Jomo Kenyatta university of Agriculture and Technology
2. External examiner-Chuka University
3. External examiner-Egerton University

### 1.5. ADMINISTRATIVE AND RESPONSIBILITIES

#### 1.5.1 Recognized University administrative positions

- VC Appointments
  - Chairman of Department- Food, Nutrition and Dietetics - August 2021
  - School E-learning Coordinator-January 2019
- Appointment in University Committee
  - Member of Deans Research Grant Committee-November 2019 to date
  - Member of School Board of Postgraduate studies Committee -October 2018 to date
  - Kenyatta Univeristy Model Home Committee

#### 1.5.2 Other responsibilities in the university

- Departmental disability mainstreaming champion –December 2020
- Staff mentor –December 2019
- Committee member of Centre for excellence for Nutritional Sciences -October 2019
- Departmental postgraduate coordinator-September 2018-to date
- Member of conference organizing committee- for the international food safety conference – May 2019
- Departmental teaching timetable and sequencing of units coordinator -January 2018 to date
- Acting in administrative positions
  - Acting Chairman Department of Food, Nutrition and Dietetics
    - 9<sup>th</sup> -13<sup>th</sup> March 2020
    - 29<sup>th</sup> July 2019 -6<sup>th</sup> September 2019
    - 3<sup>rd</sup>-21<sup>st</sup> June 2019
    - 28<sup>th</sup> May-8<sup>th</sup> June 2018
- Departmental Strategic Plan Committee -October, 2017 – to date
- Committee Member (Quality Management System) FND Feb 2015 – to date
- Committee Member (Innovation and Outreach Activities) April 2015 – 2018
- Departmental representative to COEP (FND) November 2010 - 2018

- Departmental E- learning Coordinator (FND) October 2013 - to date
- Departmental Website Coordinator October 2013 - 2018
- Year One Class Advisor- October 2013 – 2018
- Departmental ODEL Coordinator -Oct 2013 – June 2015
- Departmental Exam Coordinator -March – May 2013
- Committee member – Curriculum Development Committee – Department of Food, Nutrition and Dietetics, Kenyatta University

## 1.6. COMMUNITY ENGAGEMENTS AND OTHER CONTRIBUTIONS

### 1.6.1 Research grants

#### 1.6.1.1 Funded research grants

1. **Co-principal Researcher:** Technology transfer and innovations in local textile and apparel production funded by NRF Grant – Collaboration with Kirinyaga University (19,830,000) (2019 – 2021)
2. **Co-principal Researcher:** Impact of Maternal Diet on Breast Milk Composition and Infant (0-6 Months) Nutritional Status: A Randomized Controlled Trial in Laikipia County, Kenya (for a KU PhD student research funding) funded by NRF grant (800,000 KES) (2018 – 2020)
3. **Co-principal Researcher:** Edible Insects as a Substitute for Conventional Meat in Human Diet: An Application of Nutritional Profiling Models (for a JKUAT PhD student research funding) funded by DAAD grant (15,662 EUR) (2017 – 2020)
4. **Co-principal Researcher:** Mbinjiwe Jane Gatwiri (H60/CE/24381/2010). Physical activity, Dietary Practices and Nutritional status of Hypertensive patients attending Kiambu district hospital, Kiambu County, Kenya. (for a KU MSC student research funding) funded by AFRICA -ai-JAPAN Project grant (200,000 KES) (2016 – 2018)
5. **Travel grant:** to attend the international nutrition conference as a panelist at Buneos Aires, Argentina (3,000 USD) (2017)
6. **Principal Researcher:** Prevalence and determinants of the dual burden of malnutrition and lifestyle diseases among people living with disability in Nakuru County, Kenya funded by KU/VC grant/2015 (1,500,000) (2015 – 2016)
7. **Module writer:** Use of food composition table in food and nutrition funded by EDULINK (1,250 €) (2014)
8. **Module writer:** Data base on diets of different populations during life cycle funded by EDULINK (2,000 €) (2014)
9. **Principal Researcher:** Resilience and economic growth in the arid lands (REGAL-IR) project –improving nutritional resilience in Kenya’s arid and semi-arid lands (ASALS) funded by USAID/REGAL IR/ GAIN (483,423 US\$) (2013 – 2015)
10. **Co-principal Researcher:** Enhancement of the nutritional content of complementary foods through agricultural interventions in rural Kenya Funded by USAID/GAIN (313,498US\$) (2012 -2013)

### 1.6.2 Community service and other outreach

- **Appointment to Boards**
  - Member of Board of Management - Kaganda Secondary School, Murang’a
  - Member of Board of Management -Theri Secondary School, Murang’a
  - Member of Board of Management – Thengeini Primary School, Murang’a

- **Community service**
  - Member of Murang'a Team of Experts- Rehabilitation of drukands in Kahuro – Murang'a County
  - Participation in a medical camp at Zimmerman– Organised by DCIK
  - Participation in a medical camp at Maragwa – Organised by COEP -KU
  - Member of Thengeini sub-location development committee
  - Chairman of the free rural electrification and GPOBA projects – Muranga County.
  - Participation in local radio stations - giving talks in nutrition - sponsored by GAIN
  - July 2006 - Dec 2014 Chairman - Green Zone Estate Membreley Park Estate, Ruiru
  - Consulted by Stanadrd News paper to make a write up on breast feeding among working mothers in Kenya–September 26<sup>th</sup> 2013
  - Participated in Counseling program for the former drunkards in Muranga County
  - Participation in a medical camp at Githurai – Organised by COEP- Kenyatta univeristy
  - Participated in a hygiene program to eradicate jiggers campaign in Muranga county
  - Nutrition talk – Aglican Churches of Kenya

### **1.6.3 Professional affiliation**

- The Kenya Nutrition and Dieticis Institute (KNDI)
- Member of African Nutrition Society (ANS)
- Kenya Association of Food Safety and Protection (KAFSAP)
  - Kenyatta University Nutrition Club
  - Member of Kenya Coalition of action for Nutritionist (KCAN)
  - Member of Nutrrion Society UK (NS)

### **1.6.4 Recognition Awards and honours**

- FANUS Arusha conference – award for presentation of three academic papers in one conference
- Best research of the year – Principle Reseacher - a research that brought 50 million KES (483,423 US\$) to Kenyatta University
- The winner of the United Kingdom Nutritin Society Competition.
- First Kenyan to train in optifood in WHO Geneva, Switzerland
- Department of Food, Nutrition and Dietetics – recognition for writing 8 academic modules
- An ward for a winning write up on environmenta and wildlife conservation in Kenya at Girrafe center
- An award for active participation in mitigating the effect of post election violence by UNICEF
- 27<sup>th</sup> May 2017 Guest speaker – Price Giving day – Kaganda Secondary School
- 20<sup>th</sup> June 2016 motivational speaker – Teacher's retreat – Kahatia Seconadry School
- 29<sup>th</sup> December 2015 Guest Speaker – International Church Conference – Deliverance Church
- 4<sup>th</sup> October 2015 Guest speaker – Anglican secondary and primary schools, education sunady – ACK Kiriko Parish. Diocese of Mount Kenya Central.
- 4<sup>th</sup> October 2013 Guest speaker – Anglican secondary and primary schools, education Sunday – ACK Njii-Ithatu Parish. Diocese of Mount Kenya Central.
- 5<sup>th</sup> February 2014 - Motivational speaker – Egerton University
- 12<sup>th</sup> januray 2012: Egerton University – speaking to students
- 12<sup>th</sup> januray 2012: Kaganda Secondary School – speaking on topic '*You can be what you dream to be*'

### **1.6.5 Motivational speaker/guest speaker/adjudicator/development of external programs**

1. Motivational speaker – Youth conference -Full Gospel Churches of Kenya
2. Guest speaker – Agrinutrition validation workshop

3. JUDGE/JURY – Bayer East Africa competition
4. Chief Guest and speaker- Theri secondary prize giving day
5. Participated in developemnt of PhD program in nutrition Kabarak Univerysty
6. Participated in developemnt of MSC program in Nutrition Mout Kenya Univerysty

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