



Personal Information

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Name Nguka Gordon
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School of Public Health Biomedical Sciences and Technology
Department of Nutrition Sciences
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MARITAL STATUS: MARRIED
CITIZENSHIP: KENYAN
LANGUAGE SPOKEN: ENGLISH, KISWAHILI, ARABIC, DINKA, LUO

Brief on Current Engagement 2020

At the Moment Prof. Nguka is serving as an Associate Professor of Nutritional Sciences (Clinical Nutrition and Dietetics) in the department of Nutritional Science, Director Institute of Open, Distance and E-Learning of MMUST and a registered consultant in Kenya in the Area of Clinical Nutrition and Dietetics. A practitioner in the area of Open Distant and e-Learning and a registered member of African Council of Distant Education (ACDE)

1. From September 2020 was nominated to be in the Project Advisory Group (PAG) in the Healthy Foods Africa European Commission Funded Project
2. From August 2018 was appointed by AMREF as the lead consultant in the development of Universal Health coverage capacity development framework and curriculum
3. From November 2018 was elected the chairman and President of the African Nutritional Sciences Research Consortium (ANSRC) for a Five year renewable term.
4. From September 2018 was elected by Nutrition and Dietetics academicians in Public and private Universities to represent them in KNDI council as per cap 253B.
5. From July 2018 to date Prof. Nguka is running a collaborative research grant with Bioversity Kenya through MMUST in food systems in Vihiga County

6. From May 2nd 2018 to May 2nd 2021 Dr. Nguka was appointed as a Member of the National BioEthics committee of NACOSTI
7. From 2017 to date Prof. Nguka is running research Grant through MMUST from the International Atomic Energy Agency (IAEA) to study Environmental Enteric Dysfunction (EED) among children leaving in resource limited areas of Western Kenya.
8. From July 2017 Prof. Nguka was appointed Regional Nutrition advisor with vision quest Consultants (VQC) and Lead consultant in In Somalia Nutrition Capacity development Framework, Strategy Paper and Policy Brief.
9. From January 2016 Prof. Nguka was officially appointed as the peer reviewer for the African Journal of Food, Agriculture, Nutrition and Development.
10. From July 2016 appointed lead consultant in the development of a model nutrition and dietetics pre- service curriculum for training for training front line health workers and health system strengthening in three East African Countries (Kenya, Uganda and Tanzania)
11. From February 2016 Serving as a Member in the Kenya Patient Safety Impact evaluation (KePSIE) study and health system strengthening contracted by the Ministry of Health and The world bank and serving as a Gazzetted member of the ITEG (Inspectorate trainer expert Group) for the Health workers in Kenya.
12. From September 2015 Prof. Nguka is serving among the consultants in the review of Kenyan National Clinical Nutrition and Dietetics Manual Contracted by the MoH National office and the WHO.
13. At the National and Regional Level (EAC), Prof. Nguka is involved as Lead consultant in the health system strengthening and development of Capacity development Framework (CDF) for the Nutrition and Dietetics workforce consulting for Unicef, IMC, MoH and KNDI and conducted the following activities
 - Baseline data for the program as benchmarks for performance evaluation;
 - Information that will assist in updating the result framework
 - Information for the development of training modules and capacity building interventions (TNA)
 - Information that will assist in identifying relevant policies, guidelines and frameworks for supporting project implementation
 - Do analysis of stakeholders involved and suggest possible collaboration arrange
14. Prof. Nguka is also the current serving National Chairman for Regional Centers of Expertise (RCE) www.rce-network.org/portal/, a concept conceived, developed and up-scaled by the United Nations through the United Nations University in Yokohama Japan to be used by Nations of the World in the Implementation of Education for Sustainable development (ESD). There are a total of 146 RCE communities worldwide that are recognized by the UNU and seven of which are in Kenya with one Hosted at the Masai- mara University having been conditionally recognized.
15. Following his involvement with Human Researches in Nutrition and Dietetics, Dr. Nguka is an internationally and nationally certified Bioethics and Biosafety reviewer in Kenya and is a TOT for reviewers in this expertise. He is also the In-charge of MMUST Institutional Bioethics/Safety Committee (MMUST IERC)
16. Consultant Quality Control Officer for The multi-center MMUST/ETH Control Field Trials (CFT) for the Transgenic Cassava project by Prof. Hasan Were.

17. Consultant for the Training standards in Nutrition and Dietetics for the Kenya Nutritionists and Dieticians Institute
18. Current Researcher(PI) on Randomized clinical control trials (RCCT) for the Nutritional and medicinal values of Foods and Diets, at the moment focusing on Spirulina and Mushroom in Masinde Muliro University of Science and Technology (MMUST) and its environ

In MMUST

2011 -2017 Prof. Nguka served as a Substantive founding Chair of Department (CoD) Nutritional Sciences and also in Four Boards: Directorate of Research, Extension and Linkages (REL) and Science technology and innovation Park and Industrial Linkages (STIPIL), School of graduate studies (SGS) and School of open learning and continuing education (SOLACE)

2017 June – Prof. Nguka was appointed as the Director of Open, Distant and e- learning at MMUST (Odel)

Trained and Serving as Internal quality auditor for QMS in Masinde Muliro University of Science and Technology

Other Public Universities and Colleges and Schools

2021 – To date Board of Management Member Siaya Technical Institute (SIT)

2019 – To date Council Member Kenya Nutritionists and Dieticians Institute (KNDI)

2019 – To date Board of Management Member Mbale Boys High School

2016 – To date Board of Management Member Okok Secondary School

2016 – To date Board of Management Member Goyo Secondary School

From 2014 – To date - Serving as an external examiner in the University of Nairobi UNITID through the UoN SGS

2013 – 2016 – Serving In The Board of management (BOM) of Kakamega Polytechnic

Education Background

2019 - Certificate in Bioethics from National Science Technology and Innovation
Held at Egerton University Njoro, Kenya

2009– 2012 PhD Human Medical Dietetics and Pediatric Physiology
Emory University, Atlanta, Georgia, USA.
Thesis Title: Randomized Control Clinical Trial of Hearth Model Approach on Assorted Pediatric conditions Using Selected Therapeutic Diets in The Southern Sudan.

2007 – 2009	Msc. Clinical Nutrition and Pediatric Epidemiology McGill University, Montreal, Quebec, Canada. Thesis Title: Factors Influencing Management and Prevalence of Malnutrition in Children under the age of Five years in Clinical Settings in The Southern Sudan.
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2005 – 2006	Post Graduate Diploma, Clinical Medicine and Surgery in Pediatrics Egerton University, Njoro, Nakuru, Kenya
2003 – 2005	Bsc. Foods Nutrition and Dietetics Egerton University , Njoro, Nakuru, Kenya
2000 – 2003	Dip. Clinical Medicine and Surgery Egerton University, Njoro, Nakuru, Kenya.
1996 – 1999	Kenya Certificate of Secondary Education Mbita High School, Suba, Kenya
1987 – 1995	Kenya Certificate of Primary Education Andiwo Primary School, Ndhiwa, Homabay Kenya

Other Trainings and Skills

- Computer Experience -Microsoft Word; Corel Word Perfect; Microsoft Power Point; SAS, STATA, SPSS; Cs Pro, Nutri-survey, Epi-Info
- Certified bioethics and biosafety reviewer
- First Aid ToT
- African Nutrition Leadership training program
- Team building ToT
- Innovative teaching through e- learning, Skills Lab and Od-e-l and Virtual Laboratory
- Quality Auditor in QMS Ref. ISO 9001 – 2008
- ToT in TB, Leprosy and other chest infections and Nutrition interventions

PERSONAL STATEMENT: Self-motivated and committed to improving the quality of lives of the most vulnerable persons through service provision and building capacities of potential and other service providers.

PROFESSIONAL INTERESTS

I am a PhD Holder in the area of Human Medical Dietetics and Pediatric Physiology, with a special interest in the area of maternal and child health and Clinical nutrition and Dietetics. My research interests include

- Infant feeding: exclusive breastfeeding and complementary feeding including in the context of HIV
- Medical Dietetics in Life style Conditions like, Diabetes Mellitus, Hypertension, Renal Diseases Liver Conditions etc.
- Human Nutrition and Dietetics in ICU, HDU, and Therapeutic centers
- Human Dietetics and Pediatric Physiology
- Pharmacognosy, Pharmacology and Anatomy in Nutrition and Dietetics Malnutrition Intervention Modeling.
- Maternal nutrition: nutrition in pregnancy and lactation
- Food security: Assessment and monitoring at national, community and household levels

- Clinical Nutrition and Pediatric epidemiology: Study designs, dietary and anthropometry assessment tools, Bioelectrical Impedance Analysis, galvanic skin hydration analysis and data analysis
- Nutrition surveys
- Nutrition education and promotion
- Clinical nutrition
- Health Systems management

Work Experience
Consultancies

2010 May – August – WFP/GTZ - HIV/AIDS Control program on Road Construction – Kapoeta Torit, Kapoeta Nadapal and Juba – Mading Bor Road.

2010 September – December – Community Health workers training consultant for KDI/ ARC in Kapoeta and Narus

2011 January to May – Consultant on child health and Survival program for NGO based in Kakamega
Kenya, Western Education Advocacy and Empowerment Program

2012 January – May – Bioethics Monitoring and evaluation on behalf of USAID funded researches of KEMRI/CDC Kisumu Kenya

2013 Oct – Oct 2014 – Quality control officer in ETH/MMUST joint CFT (controlled field trial) research of cassava cultivars focusing on bioethics and Bio safety

2013 Jan – to date –Kenya Nutritionists and Dieticians Institute (KNDI) consultant on training and regulatory standards in Human Nutrition and Dietetics. Currently focusing on curriculum development and implementation.

2015 Feb - IMC/ UNICEF/ MOH consultant on Capacity development Framework for the Nutrition and Dietetics Framework in Kenya and EAC

Formal Employment Experience

June 2017 – To date Director Open, Distant and E-Learning MMUST
Duties: Heading the directorate in administrative, academic and research
Duties. Being in charge of all the directorate activities and
Supervising teaching and Non-teaching staff while spearheading
Online and distant teaching and learning activities, attending and
Participating in the University senate. June 2011 – To 2017 Position: Chairman of Department
(CoD) – Nutrition Sciences school of Health sciences (MMUST).

Duties: Heading the department in administrative, academic and research
duties. Involved in the nutrition curriculum review for the department
in 2011. Being in charge of all departmental activities and supervising
teaching and non-teaching staff.

Attending and Participating in University Senate. A member of

MMUST IERC

(Institutional Ethics Review Committee) Accredited

By the NCST NBC

2121 – To Date Associate Professor of Nutritional Sciences (Clinical Nutrition and Dietetics)

2016 – 2021 Senior Lecturer in the department of Nutritional Sciences (MMUST)

2011 – 2012

Assistant Lecturer in the department of Nutritional Sciences

2008 – 2010

PROGRAMES CO-ORDINATOR UNHCR NUTRITION AND HEALTH SURVEY DIVISION
SOUTHERN SUDAN RESPONSIBILITIES:

- Developing research proposals and conducting health and nutrition surveys in the war torn regions of Southern Sudan, South East Congo and Eastern Chard
- Developing and Implementing tailored Intervention Projects within the said regions.
- Writing of Technical Reports to the Regional Coordinator
- Supervising Field monitors and Research Assistant
- Conducting Evaluation Surveys and providing analyzed reports to the UNHCR Headquarters

CONSULTANT AND TECHNICAL ADVISOR (TA) ON MEDICAL PROGRAMS HOPE 4 SUDAN
RESPONSIBILITIES:

- Diagnosing and Treatment of Patients in the Hope 4 Sudan PHC Unit in Kapoeta EES
- TA HIV/AIDS and Nutrition Surveillance Eastern Equatorial State (EES)
- Conducting and Facilitating Continuous medical Education for the health workers in the Southern Sudan
- Conducting baseline surveys and providing advice on areas to be targeted with specific interventions.

2006 – 2007

Tutor Menengai Medical and Training College

RESPONSIBILITY:

Teaching of the following Units

- Diet Therapy
- Child Health 1
- Epidemiology
- Clinical Dietetics
- Human Anatomy and Physiology

Part time Teaching Kenya Medical and Training College (KMTC) Nakuru

- Clinical Methods
- Human Nutrition

Postgraduate teaching Experience

Postgraduate Supervision PhD

Level

1. 12th January 2018 – Johnson Ongeri Masese (HPT/LH/01-55588/2016) Pharmacology - Continuing
2. 2016 – Grace A. Litali (HPS/LH/003/15) MMUST Health Promotion – Successfully defended and graduated
3. 2016 – Lucy Amany Mutuli (HPS/LH/001/15) MMUST Health Promotion – Has since graduated
4. 2016 – Roselyne Odiango Ajwang (HPS/LH/004/14) MMUST Health Promotion – successfully defended and graduated.
5. 11th February 2016- Consolata Lusweti Namisi (HPS/LH/004/15) MMUST Health Promotion – Successfully defended and graduated
6. 2016 – Maximila Namukuru Wanzala (HPH/LH/001/15) MMUST Public Health – 2018 Successfully defended and has since graduated
7. 19th July 2013 – Consolata Oloo Ngala (CDS/H/05/07) in Disaster Management and Sustainable Development, Title of thesis – Contribution of the Micro-finance on to livelihoods of people living with HIV – AIDS in Kakamega Western Kenya. The Student has graduated

Msc. Level

1. 25th July 2017 Edinah Sabiri Mogaka (HPS/LG/0012/14)- MMUST Health Promotion – 2018 Successfully defended and graduated
2. 25th July 2017 Martin Kumbi (SFS/LG/001/2015) – MMUST Public health Nutrition – Continuing
3. 25th July 2017 Jasper Situma Wekesa (HPS/LG/001/14) – MMUST Health Promotion – successfully defended and graduated.
4. 7th March 2016 Caleb Koech (HNR/G/26/14) – MMUST Nursing – Successfully defended and graduated
5. 7th March 2016 Cecilia Chelulei (HNR/G/38/14) – MMUST Nursing – 2017 Successfully defended
6. 23rd May 2017 Lydia B. Nyanchiro (HNR/G/68/15) – MMUST Nursing – 2018 Successfully defended
7. 23rd May 2017 Lydia J. Bundotich (HNR/G/45/14) – MMUST Nursing – 2018 Successfully defended and graduated
8. 23rd May 2017 Doris Kinya Riungu (HNR/G/44/15)- MMUST Nursing – Continuing
9. 2017 – Monica Njambi Kibe (HMD/G/02/15)- Medical Dietetics MMUST – Continuing
10. 2017 – John Wesley Ombongi Ombogo (HMD/G/01/15) – MMUST Medical Dietetics – Continuing
11. 2017 – Mary M. Mbithi (MHS11/40020/15) – KISII UNIV – Human Nutrition – Successfully defended and graduated
12. 2017 – Kame Katelo (MHS11/40009/14) – KISII UNIV – Human Nutrition – Successfully defended and graduated.
13. 2017 – Florence A Ondiek (.....) – JOUST – Public Health – Successfully graduated and defended

Postgraduate Examination

1. 28th October 2014 – Appointed external examiner in the University of Nairobi

Title of the Thesis – Effect of Improved complementary foods on lean body mass, essential fatty acids and gross motor development of Kenyan Children

Name of the student – Omollo Sellina Ayoma. Student has graduated

2. 23rd July 2013 – Appointed as internal Examiner

Title of the Thesis – Tobacco farming and Household Food security in Bungoma county

Name of the Master Student – Mr. Clement Muyesu (CDS/G/01/12)

University: masinde Muliro University of Science and Technology. The student has graduated

RESEARCH FUNDS ATTRACTED GRANTS, SCHOLARSHIPS, FELLOWSHIPS AND AWARDS

2020 – To date – Joint Grant Award from the European Union No. 862740 – Healthy Foods Africa Project The ‘maximum grant amount’ is EUR 6 917 551.25 (six million nine hundred and seventeen thousand five hundred and fifty one EURO and twenty five eurocents).

2018 – To date – Grant Award through MMUST from Bioversity Kenya Based in Nairobi 5000 USD (Ksh.

500,000 and the following Students registered in MMUST are benefiting from the Grant

1. Haron Langat Msc. Medical Dietetics
2. Elizabeth Sisiano Msc. Public health Nutrition

2017 – To date – Grant Award through MMUST from International Atomic Energy Agency based in Viena 35000 Euros (4 Million Kenya Shillings) and the following students registered in MMUST are benefiting from the Grant

1. Pauline Tarkwen PhD Medical Dietetics
2. Silvester Ndori Msc. Medical Dietetics
3. Denis Ong’ola Msc. Medical Dietetics

PUBLICATION

1. Masese Jonson, Kipkoech Gilbert, Mwitari Peter, Nguka Gordon, Mutai Charles (2022) Spirulina Platensis Inhibits Aflatoxin B₁ Induced Biochemical Changes in Male Swiss Albino Mice. The Journal of Phytopharmacology 2022; 11(5):341-346, Online at: www.phytopharmajournal.com, doi: 10.31254/phyto.2022.11505
2. Kame Katelo, Gordon Nguka, Tabitha Wanjau (2021) Household Income, Maternal Nutrition Awareness and Dietary Diversity In Complementary Foods, Given to Infants and Children in North Horr Ward, Marsabit County, Kenya. Journal of Nutrition and Dietetics, Nairobi, Kenya. DOI: 10.57039/JND040107.
3. Lusweti CN, Bukhala PW, Nguka G.O (2020) A comparative study of Maternal and Child health Outcomes of Pregnant Women Living with and Without Disability. Health Sci.J.14 No. 5: 736. DOI 10.36648/1791-809X.14.4.736
4. F.A Ondiek, C Angira, G. Nguka, S.O Adoka (2020) Determinants of Adherence to Anti-retroviral Therapy Among Discordant Couples in Usigu Division, Bondo Sub County, Kenya. East African Medical Journal. eISSN: 0012-835X
5. Lucy Amany Mutuli, Peter Bukhala and Nguka Gordon (2020) Dietary intake patterns of alcoholics ; a case study of selected rehabilitation centers in Kenya, Journal of Human Nutrition and food science. ISSN 2333-6706
6. Lucy Amany Mutuli, Peter Bukhala and Nguka Gordon (2020) Predictability of the theory of planned behavior constructs in practice of physical activity of recuperating

7. Roselyn Odiango, Peter Bukhala and Nguka Gordon (2019) Gender Ratings of Social behavior functioning levels of children with intellectual disability in a sports socialization intervention program in Kenya, International Journal of Accademic Research and Development. ISSN: 2455-4197
8. Caleb Koech, J.A Oloo and Nguka Gordon (2019) Factors affecting Treatment Compliance among Type 2 Diabetes Patients on Follow up at Moi Teaching and Refferal Hospital, Journal of Health Medicine and Nursing Volume 4 Issue No. 5 ISSN 25204025
9. Grace Litali, Peter Bukhala and Nguka Gordon (2019) Exploring Out of Pocket health Expenditure and health insurance among residence in Kakamega Kenya, Eurepean Journal of Public health Studies Volume 1 issue 2 DOI 10.5281
10. Maximila N. Wanzala, Vincent Were, J.A. Oloo, and Nguka Gordon (2019) Assessing capacity and performance of health Systems Using principle component analysis: Results from Cross Sectional survey in Kakamega county, Western Kenya, Journal of Health Medicine and Nursing Vol. 59 2019 ISSN.2422-8419. DOI. 10.7176/JHMN/59-03
11. Maximila N. Wanzala, J.A. Oloo, Nguka Gordon and Vincent Were (2019) Application of Principle Component Analysis to Asses Health Systems Capacity Using Cross Sectional Data in Rural Western Kenya, American Journal of Public Health Research Vol. 7 No. 1, 27 – 32, Science and education Publishing. DOI 10.12691/AJPHR -7-1-5.
12. Mary Mueni Mbithi, Gordon Nguka and Tabitha Wanjau (2019) The SocioEconomic and demographic determinants of resistant hypertension compared to conventional hypertension among type II diabetes patients attending Kissii teaching and referral hospital, Journal of Nutrition and dietetics (JND) ISSN:2415-5195, Vol 2, Issue 1, 2019
13. Monica Njambi Kibe, Nguka Gordon and Silvernus Konyole (2018) Risk Factors for Non-communicable diseases among Adults of 25 – 65 Years at Kakamega County General Hospital- Kenya, International Journal of Public Health Sciences (IJPHS) Vol. 7, No. 4, December 2018, pp. 274 – 281. ISSN: 2252-8806, DOI:10.11591/ijphs.7i4.pp274-281
14. Lucy Amany Mutuli, Peter Bukhala and Gordon Nguka (2018) Impact of Instructional Intervention on improving dietary intake of alcoholics under rehabilitation in Asumbi Center, Journal of Nutrition and Food Science. ISSN: 2155-9600. DOI: [10.4172/2155-9600.1000654](https://doi.org/10.4172/2155-9600.1000654)
15. Lucy Amany Mutuli, Peter Bukhala and Nguka Gorodon (2018) Factors affecting Physical Activity of recuperating alcoholics in Asumbi – Homabay Rehabilitation Center, Kenya. Journal of Addiction Therapy, Res. 2018;2:028-034 <https://dx.doi.org/10.29328/journal.jatr.1001008>
16. Consolata Namisi Lusweti, Peter Wisiuba Bukahala, Nguka Gordon. SocioDemographic Characteristics Differences between pregnant women living with Disabilityand able Bodied in Kakamega County, Kenya. Glob J Endocrinol Metab.2(4).GJEM.000548.2018.DOI:10.31031/GJEM.2018.02.000548

17. Lydia Bochaberi Nyachiro, Prof. Lt Col (Rtd) John M Okoth and Dr. Nguka Gordon (2018) Nurses' Knowledge on The Nature and Scope of Diabetic complications in Selected Hospitals in Kisumu County, Kenya. International Journal of Advance

Research in Education and Technology (IJARET) Vol. 5 Issue 2 April – June 2018. ISSN: 2394-2975 Online, 2394-6814 Print

18. John O, Silvenus K, Gordon N, Kelvin M, Marion K (2018) Effectiveness of Nutrition Health Behavior Change Communication Training; Micronutrient Supplementation and Lipid-Nutrient Supplements to Improve Child Health In Western Kenya. *Glob J Endocrinol Metab.* 2(2). GJEM 000533.2018.
19. Odiango R A, Bukhala P, Nguka G (2018) Paper Review on Inclusion, Physical Activity and Social Competence Amongst Learners with Intellectual Disability in Kakamega Kenya. *Unified Journal of Sports and Health Sciences* Vol.3 (1) pp.001 008 May 2018.
20. Lydia J. Bundotich, J. A. Oloo and G. Nguka (2018) Predictive Factors for Operating Room Utilization in Elective Orthopedic and Ear, Nose and Throat Surgeries at Moi Teaching and Referral Hospital, Eldoret, Kenya.
21. Mutuli LA, Bukhala P, Nguka G (2018) Impact of Instructional Intervention on Improving Dietary Intake of Alcoholics under Rehabilitation in Asumbi Center. *J Nutr Food Sci* 8: 654. doi: [10.4172/2155-9600.100065](https://doi.org/10.4172/2155-9600.100065)
22. Monicah Njambi Kibe, Silvenus Konyole, Gordon Nguka, Micky Olutende Oloo, Doreen Kathure and Peter M. Wangari , 2017. “The role of phytochemicals in prevention and control of chronic diseases”, *International Journal of Current Research*, 9, (12), 62540-62543.
23. Mutuli LA, Bukhala P, Nguka G (2017) Factors Influencing Practice of Optimal Dietary Intake of Alcoholics under Rehabilitation in Asumbi-Homabay, Kenya. *J Gen Pract (Los Angel)* 5:334.DOI: [10.4172/2329-9126.1000334](https://doi.org/10.4172/2329-9126.1000334)
24. Chelulei C, Oloo A and Nguka G (November 2017) Hospital Factors influencing the length of pre-operative stay for elective adult orthopedic patients in Moi teaching and referral Hospital, Eldoret Kenya, *International Journal of Life Sciences*. Vol. 7 No. 1. 2017. Pp. 22-34
25. Wekesa J, Bukhala P and Nguka G (2017), Status of disability sports policy implementation in schools in Kakamega County Kenya, *International Journal of Educational Policy Research and Review* Vol.4 (9), pp. 210-216 September, 2017 Available online at <https://www.journalissues.org/IJEPRR/https://doi.org/10.15739/IJEPRR.17.023>
26. Mogaka E, Bukhala P. and Nguka G (2017) Determinants of Participation in physical activity among school going adolescents with disabilities in Kakamega County Kenya *IOSR Journal of Sports and Physical Education (IOSR-JSPE)* e-ISSN: 2347-6737, p-ISSN: 2347-6745, Volume 4, Issue 4 (Jul. -Aug .2017), PP 42-52 www.iosrjournals.org
27. Ngala C. O, Nguka G. and Obino (2017) Contribution of microfinance in enhancing food access and coping strategy in aids-affected households in Kakamega County, Kenya, DOI: [10.18697/ajfand.79.16020](https://doi.org/10.18697/ajfand.79.16020)
28. Erick K and Nguka G (2017) Household production and consumption frequency of Mursik among 1 -5 years old children in Kasperet location, Uasingishu county Kenya, *Journal of Nutrition and Dietetics (JND)* ISSN:2415-5195, Vol 1, Issue 1, 2017
29. Nguka G and Shitote Z (March, 2017) Effects of Fish Farming on house hold food security in Western Kenya, *African Journal of Food , Agriculture, Nutrition and Development (AJFAND)* ISSN: 1684 5374 Vol. 16 No. 2 2017

30. Eric Kirui and Nguka G.(Jan 2017) Factors Influencing Consumption Of Traditionally Fermented Milk (Mursik) Among Preschool Children (1-5 Years Old) In Kapseret Location -Uasin Gishu County, Kenya (AJFAND) ISSN: 1684 5374 Vol. 16 No. 1 2015

31. Nguka G, Okoth JM, Ouda JB and Achoka JSK (2016) Role of Food and Nutrition Security on Peace, Conflict Resolution and National Cohesion in Kenya, *Journal of Education and Social Sciences (JESS)* ISSN: 2223 – 490X, Issue No.3 Vol. 1 May 2016
32. Nguka G and Shitote Z (December 2015) Effects of Fish Farming on house hold Dietary Diversity and variety score in Western Kenya, *African Journal of Food , Agriculture, Nutrition and Development (AJFAND)* ISSN: 1684 5374 Vol. 15 No. 5 2015
33. Sherry Oluchina, Nguka Gordon and James Amayi, (2014) Feeding Practices Influencing Protein Energy Malnutrition in Children under five years old at Kenyatta National Hospital, Kenya, in *African Journal of Education, Science and Technology* ISSN: 2309-9240; Volume 1; Number 3
34. Nguka G, Okoth JM and Oluchina S. (2013) Risk factors for severe Acute malnutrition in children under the age five Years. A case control study in the South Sudan, Masinde Muliro University of Science and Technology, Kakamega Kenya. ISBN:978 – 9966- 1727 – 0- 9
35. Nguka Gordon and Okoth John (2012) Challenges in integrated disease surveillance and response in post conflict: The case of Southern Sudan, *World Federation of public health*, London UK. (on line link: <https://wfpha.confex.com/wfpha/2012/webprogram/Paper8787.html>)
36. Okoth John, Nguka Gordon and Odebero S.O (2012) *STI / HIV and AIDS: A multiple prevention strategy*, Lambert Academic Publishing. ISBN 978 – 3 – 659 – 13420 – 3 Germany
37. Nguka G, Okoth J.M and Mengich G(2012) *Forest Biodiversity, conservation and Climate Change Role of Forest Conservation on the Households food and Nutrition Security: The State of Southern Sudan*. ISBN: 978-9966-21-012-8 Masinde Muliro University of Science andTechnology, Kakamega Kenya
38. Oluchina S and Nguka G (2012) *Childhood malnutrition in under five years old children in Kenya*. Lambert Academic Publishing. ISBN 978-3-8473-1235-2. Germany
39. Oluchina S and Nguka G (2011) Influence of Maternal and Child’s Demographic Factors on Protein Energy Malnutrition (PEM) in Under Five Years Old Children at Kenyatta National Hospital (KNH). *Kenya Nursing Journal* , Jan 2012, ISSN 0301 – 0333 Nairobi Kenya
40. Nguka G. and Odebero S.O (2011). *The crisis of Acute Malnutrition among children in the Southern Sudan*. Lambert Academic Publishing. ISBN – 978 - 3845414751. USA
41. G.J.Mengich, J.K. Too, G.Nguka¹, And J. Rotich (2011). *Management Practices of Distance Education In Health Professions Programme In Kenya*. *Kenya Journal of Education Planning, Economics and Management* V (3) P (35 – 51). ISSN 2074 – 5400. Nairobi. Kenya
42. Nguka G. and W. Bageni (2010) Factors influencing prevalence of malnutrition in children aged 0 – 5 yrs In clinical setting and its implication on access to primary education in Southern Sudan. *Kenya Journal of Education Planning, Economics and Management* V (2) P (65 – 75). ISSN 2074 – 5400. Nairobi. Kenya
43. Nguka G, Paul B Pencharz and Mara Azcue (2010) *The use of Bioelectrical Impedance analysis in the Clinical management of malnutrition: the case of Katiko Hospital Southern Sudan*. *The American Journal of Clinical Nutrition* V 31 P (26 -40). ISSN 1996 – 7844. Washington D.C USA
44. Nguka G (2010) *The Impact of Take home rations girl-child education incentive program on their enrolment primary schools in the Southern Sudan: Case Study of Toposa Community Southern Sudan*. *The United Nations World Food Programs Journal* V 54 p (95 – 110) ISSN 2035 -9457. Rome. Italy

45. Nguka G. (2009) Management of Severe Acute Malnutrition In Children through hearth model approach using selected pediatric feeds; The case of Southern Sudan. The American Journal of clinical Nutrition V 30 P (50 -67) ISSN 1996 – 7844 Washington D.C USA



CONFERENCES and Workshops

26th September 2016 – 1st October 2016 attended and facilitated in a workshop on In service and Pre – service nutrition curriculum organized by ECSA – HC and supported by world bank.

21st May 2016 attended and Facilitated RCE workshop at Masinde Muliro University Kamadep

5th – 6th May 2016 attended and facilitated a workshop on Bioethics and Biosafety at Masinde Muliro University of Science and Technology SPD 111

24th – 26th April Organized and attended A youth Leadership summit hosted by Masinde Muliro University and held at Bishop Stam Kakamega

21st – 24th March 2016 attended and participated in the MoH and World Bank training of Experts in Health Safety inspectorate – Inspectorate trainer Expert Group (ITEG) in Naivasha

21st – 23rd February 2016 attended and Facilitated in workshop Convened by East and Central and Southern African Health Community (ECSA – HC) Supported by World Bank on Capacity Development for the Front Line Health Workers

10th to 14th Jan 2016 attended and participated in an international conference on Education as a driver for sustainable development goals organized by the center for environment education in Ahmedabad India

9th to 12th of June 2015 and participated in an international conference on New Paradigms in National and International Security: The role of National and County Governance, Education, Science, Technology and the Media Cohosted by MMUST and EMSK.

8th and 9th of April 2015 Delivered a key note address in RCE conference organized by NEMA at KICC in Nairobi

5th and 6th April 2015 Organized and Facilitated in Bioethics and Biosafety training Under the Directorate of Research Extension and Linkages in Masinde Muliro University of Science and Technology

8th to 22nd March 2015 attended a workshop in African Nutrition Leadership Program at North West University Portchefstrome South Africa.

25th and 26th of February 2015 Fundraised and organized RCE workshop for project proposal writing under the Research Extension and Linkages of Masinde Muliro University of Science and Technology in collaboration with NEMA National office Kenya.

26th and 29th May 2014 Organized and participated in the 4th International conference on Edible and medicinal mushroom hosted in Masinde Muliro Univesity of Science and Technology, Kakamega, Kenya

8th Global Regional Center of Expertise conference 26th – 29th November 2013 in Nairobi Kenya, and presented a paper entitled medicinal value of mushroom and Spirulina.

8th November 2013 Key Note speaker on techniques for ever – changing job market for professionals in public health, nutrition, agriculture, food security and livelihood In the IUCC Workshop.

3rd African RCE conference 19th – 23rd August 2013 in Mina Abuja Nigeria and facilitated on the role of medicinal plants in Food and

1st and 2nd August 2013 Organized and attended the inaugural East African regional Center of Expertise (RCE) meeting at Golf Hotel and Masinde Muliro University of Science and Technology

7th Global Regional Center for Expertise (RCE) Conference 19th - 25th September 2012 in Tongyeong , Busan Korea and presented a paper titled the influence of hearth model approach on integrated management of Severe Acute malnutrition in Kapoeta Southern Sudan

Attended a one day Workshop on Standardization in Human Nutrition and Dietetics organized by the Kenya Bureau of Standards on 11th Sept 2011

6th Global Regional Center for Expertise (RCE) Conference 19th - 25th November 2011 in the Netherlands,
Limburg, Kerkrade

International conference on Regional Center for Expertise Africa in Rhodes University South Africa
28th
– 31st August 2011

Organized and participated in Nutritional Sciences departmental Workshop to review the curriculum on 16th August 2011 at MMUST

International Conference on Tropical forest resource, Masinde Muliro University of Science and Technology 6th – 9th June 2011

International Conference for Educational Management Society of Kenya in Collaboration with University of Nairobi 26th – 29th April 2011 in the University of Nairobi Kenya Science campus

International Conference on Reproductive Health and HIV/AIDS in Kenyatta University on 10th – 12th April 2007

Conference: Forum for the Development of Science Students (FODSS) Egerton University

- I) Nutritional Tips in the Management of Diabetes Mellitus : Current Development
- II) Hypertension: The Nutritional Perspective

Membership of Local and International Bodies

- Kenya Nutritionists and Dieticians Institute (KNDI)
- African Council for Distance Education (ACDE)
- Kenya Pediatric Association (KPA)
- Kenya Nutritionists and Dieticians Association (KNDA)
- Organization for Social Science Research in Africa (OSSREA)
- American Clinical Dieticians Association (ACDA)
- World Public Health Federation (WPHF)
- ANSRC (African Nutrition Science Research Consortium) •
ECSA – HC (East, Central and Southern Africa Health
community) □ Regional Centers of Expertise (RCE)

Referees

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