



CURRICULUM VITAE

PERSONAL INFORMATION

NAME:	Joan Murugi Njagi
PERMANENT ADDRESS:	P.O. Box 1750 – 60100 Embu, Kenya
CURRENT ADDRESS:	P.O Box 43844- 001000 Nairobi, Kenya
EMAIL ADDRESS:	joannugui@gmail.com , njagi.joan@ku.ac.ke
DATE OF BIRTH:	1979
CITIZENSHIP:	Kenyan
LANGUAGE:	Kiswahili and English
MARITAL STATUS:	Married
RELIGION:	Christian

EDUCATIONAL BACKGROUND

2009-2013	Kenyatta University Doctor of Philosophy (Environmental Health)
2002-2006	Kenyatta University Master of Science (Biochemistry/ Biotechnology)
1999-2002	Kenyatta University Bachelor of Science (Biochemistry Major) First class Honors
1993-1996	Kyeni Girls' High School Kenya Certificate of Secondary Education
1984-1992	Sacred Heart Kyeni Boarding Primary School Kenya Certificate of Primary Education

OTHER COURSES

Computer Packages

Emanex Computer Training College

- Introduction to Microcomputers
- Windows 95/98
- Ms-Word
- Ms-Excel
- Ms-Access
- Ms-PowerPoint
- Ms-Dos

Community Based First Aid Training Kenya Red Cross (Kenyatta University Branch)

- Initial Level
- Intermediate Level
- Advanced Level

EMPLOYMENT HISTORY

January, 2014- Present: Kenyatta University

Position: lecturer in the department of Environmental Health

January, 2009-December, 2013: Kenyatta University

Position: Tutorial Fellow in the department of Environmental Health

May, 2008 – December, 2008: Ministry of Higher Education, Science and Technology

Position: Research Officer 2

September, 2007 – December, 2007: Kenya Methodist University (KeMU)

Position: Adjunct lecturer in the department of Pure and Applied Sciences

August, 2007-December, 2007: Catholic University of Eastern Africa

Position: Adjunct lecturer in the department of Natural Sciences

May, 2007- August, 2007: Kenyatta University

Position: Adjunct lecturer in the department of Biochemistry and Biotechnology

May, 2006-December, 2007: Kenya Polytechnic University College

Position: Adjunct lecturer in the department of Applied Sciences

ADMINISTRATIVE ROLES

Current: Departmental coordinator Curriculum Review Committee

2012- Current: Departmental coordinator Credit Waiver Committee

AWARDS

September 2003: Awarded Msc scholarship by katholischer Akademischer Austausch Dienst (KAAD).

September 2010: Awarded PhD scholarship by Deutscher Akademischer Austausch Dienst (DAAD).

AREA OF SPECIALIZATION

Biochemistry, Biotechnology and Solid Waste Management

RESEARCH INTERESTS

Environmental Health in the field of Solid Waste Management

POSTGRADUATE SUPERVISION

1. **Rachael W Ndungu (Q57/21724/2012)**. *Title: Choice of Health Facility for Health Care among Out-patient in Kabete Sub-county*. Department of Community Health. Kenyatta University, Nairobi, Kenya. **MSc. in progress**
2. **Malkia Abuga (Q57/CTY/PT/23662/2011)**. *Title: Evaluation of Consumer Food Hygiene and Safety Practices in Households in Langata Sub-County, Nairobi County*. Department of Community Health. Kenyatta University, Nairobi, Kenya. **MSc. in progress**

PUBLICATION

1. Ngugi M Piero, Kimuni NS, Ngeranwa NJ, Orinda OG, **Njagi MJ**, Maina D, Agyirifo SD, Gathumbi K, King'e WS and Njagi Eliud EN (2015). Antidiabetic and Safety of *Lantana rhodesiensis* in Alloxan Induced Diabetic Rats. *Journal of Developing Drugs*, 4: 129. doi:10.4172/2329-6631.1000129.
2. **Joan Murugi Njagi**, Mathew Piero Ngugi, Cromwell Mwitii Kibiti, Joseph Ngeranwa, Wilson Njue, Peter Gathumbi and Eliud Njagi (2015). Hypoglycemic effect of *Helichrysum odoratissimum* in alloxan-induced diabetic mice. *Journal of Phytopharmacology*, 4:1-6
3. M.N. Piero, G.M. Nzaro, **J.M. Njagi**, (2014). Diabetes Mellitus – A Devastating Metabolic Disorder. *Asian Journal of Biomedical and Pharmaceutical Sciences*, 04(40):1-7
4. **Njagi JM**, Ileri AM, Njagi ENM, Akunga D, Afullo ATO, Ngugi MP, Mwanzo I, and Karugu NI, (2013). Assessment of Knowledge, Attitude and Perceptions of Village Residents on the Health Risks Posed by Kadhodeki Dumpsite in Nairobi, Kenya. *World Environment*, 3(5):155-160. doi: 10.5923/j.env.20130305.02
5. **Njagi JM**, Piero MN, Ngeranwa JJN, Njagi ENM, Kibiti CM, Njue WM, Maina D, Gathumbi, PK (2012). Assessment of Antidiabetic Potential of *Ficus Sycomorus* on Alloxan-induced Diabetic Mice. *International Journal of Diabetes Research*, 1(4): 47-51 DOI: 10.5923/j.diabetes.20120104.01
6. M.N. Piero, **J.M. Njagi**, C.M. Kibiti, J.J.N. Ngeranwa, E.N.M. Njagi and P.M. Miriti (2012). The Role of Vitamins and Mineral Elements in Management of Type 2 Diabetes Mellitus: A Review. *South Asian Journal of Biological Sciences*, 2(Supp.1):107-115.

7. Ngugi M Piero, **Njagi J Murugi**, Oduor R Okoth , Mgtutu A Jalemba , Ngeranwa NJ Joseph and Njagi EN Mwaniki (2012). Prevention of Type I Diabetes Mellitus: The Role of Immune Interventions. *Journal of Clinical and Cellular Immunology* S2:005. Doi:10.4172/2155-9899.S2-005
8. **Njagi Joan Murugi**, Ngugi Mathew Piero, Kibiti Cromwell Mwititi , Ngeranwa J. Joseph, Njagi Eliud N. M, Njue M. Wilson, Maina David and Gathumbi Peter Karuri (2012) Hypoglycemic effects of *Caesalpinia Volkensii* on Alloxan-Induced Diabetic Mice. *Asian Journal of Pharmaceutical and Clinical Research*. Volume 5, Suppl 2, 69-74 ISSN - 0974-2441
9. **Njagi Joan Murugi**, Ngugi Mathew Piero, Kibiti Cromwell Mwititi, Ngeranwa J. Joseph, Njagi Eliud N. M, Njue M. Wilson, Maina David and Gathumbi Peter Karuri (2012) Evaluation of Antidiabetic Effects of *Kleinia Squarrosa* on Alloxanized Diabetic Mice. *Asian Journal of Biochemical and Pharmaceutical Research*. Issue 2 (Vol. 2) ISSN: 2231-2560 CODEN (USA): AJBPAD Research Article
10. Ngugi M Piero, **Murugi N Joan**, Kibiti M Cromwell, Ngeranwa J Joseph, Njue M Wilson, Maina Daniel, Gathumbi K Peter and Njagi N Eliud (2011). Hypoglycemic Activity of Some Kenyan Plants Traditionally used to Manage Diabetes Mellitus in Eastern Province. *Journal of Diabetes Metabolism* 2:155. Doi: 10.4172/2155- 6156.1000155
11. Anthony M. Ileri, Dinah W. Tumuti, Philomena N. Mathuvi, **Joan M. Njagi**, Ngugi M. Piero, Haniel N. Gatumu, Amos N. Njagi, and Njagi I. Karugu (2012). Sources of VCT Information and Reasons for Use or Non Use of VCT Services by Young People in selected Rural Locations in Kenya .*International Journal of Social Science Tomorrow Vol. 1 No. 2* ISSN: 2277-6168 April 2012 www.ijssst.com
12. Ngugi M. Piero, **Njagi M. Joan**, Kibiti M. Cromwell, Ngeranwa J.N. Joseph, Njagi N.M. Eliud, Njue M. Wilson, Gathumbi K. Peter (2012). Herbal Management of Diabetes Mellitus: A Rapidly Expanding Research Avenue. *International Journal of Current Pharmaceutical Research* Vol 4, Issue 2, 1-4 review article ISSN- 0975-7066
13. M.N. Piero, **J.M. Njagi**, C.M. Kibiti, J.J.N. Ngeranwa and E.N.M. Njagi (2012). Metabolic Complications of Diabetes Mellitus: A Review. *South Asian journal of Biological Sciences* 2(2):37 – 49 ISSN 2249 – 6599
14. Ngugi M P, **Njagi J M**, Kibiti C M, Ngeranwa J J N, Njagi E N M. (2012). Diagnosis of Diabetes Mellitus. *International Journal of Diabetes Research*, 1(2): 24-27 DOI: 10.5923/j.diabetes.20120102.01
15. Anthony M. Ileri, Philomena N. Mathuvi, Amos M. Njagi, Eric G. Mwenda, Haniel N. Gatumu, **Joan M. Njagi**, Mathew N. Piero, Njagi I. Karugu (2012). Assessing Young Peoples' Momentary Thoughts About Sex: A Proposal of the Sex Envelope Game *International Journal of Applied Psychology*. 2(3): 31-35 DOI: 10. 5923/j.ijap.20120203.03

16. Ngugi M. Piero, **Njagi M. Joan**, Kibiti M. Cromwell, Maina D, Ngeranwa J.N. Joseph, Njagi N.M. Eliud, Njue M. Wilson, Gathumbi K. Peter (2012). Trace Elements Content Of Selected Kenyan Antidiabetic Medicinal Plants . *International Journal of Current Pharmaceutical Research*. ISSN- 0975-7066 Vol 4, Issue 3, Research Article
17. Ngugi Mathew Piero, **Njagi Joan Murugi**, Kibiti Cromwell Mwiti & Miriti Phillip Mwenda (2012). Pharmacological Management of Diabetes Mellitus. *Asian Journal of Biochemical and Pharmaceutical Research*. Issue 2 (Vol. 2) ISSN: 2231-2560 CODEN (USA): AJBPAD
18. **Joan Murugi Njagi**, Mathew Ngugi Piero, Cromwell Mwiti Kibiti, Joseph JN Ngeranwa, Eliud Nyaga M Njagi, Wilson M Njue, Peter K Gathumbi, (2014). Forensic Biology in the Developing Nations: A Perspective. [Submitted to *Journal of Forensic Research*, Currently under blind review].
19. Ngugi Mathew Piero, **Njagi Joan Murugi**, Makenzi Gona Nzaro, (2015). Evaluation of the Adoption of Forensic Evidence in Kenyan Judicial System . [Submitted to *Journal of Forensic Research*, Currently under blind review].

CONFERENCE PRESENTATION

1. **Njagi JM**, Ileri AM, Njagi ENM, Akunga D, Afullo ATO (2013) Assessment of heavy metal concentration in the environment and perceived health risks by the community around Kadhodeki dumpsite, Nairobi county. 27th Kenyatta university Postgraduate seminars on 26th November, 2013.
2. **Njagi J.M**, Ngugi M.P, Ngeranwa, J.J.N. and Njagi, E.N.M. (2008). “ Hypoglycemic effects of some Kenyan plants that traditionally manage Diabetes mellitus”. 5th International Congress of the African Association of Physiological Sciences (AAPS) from 27th July-1st August 2008.

SEMINARS AND WORKSHOPS ATTENDED

- Participant in the manuscript writing training workshop at Kenyatta university conference centre (KUCC) on 10th June 2014
- Participation in the Kenyatta University Bsc Environmental Health and Population Health curriculum review process 2014
- Participation in the Kenyatta University Bsc.HRIM curriculum review Technical Working Group. June 2013-August 2013
- Learning Events, CHANGE Symposium, Award of Scholarships 2012 March 13th -15th, 2012, at Sarova Panafric Hotel, Nairobi by Deutscher Akademischer Austausch Dienst (DAAD). German Academic Exchange Service Regional Office for Africa

- Participation in AAEH Research Development Workshop in Blantyre, Malawi 7th – 11th November 2011.
- Developing research instruments training seminar for masters/PhD students in Kenyatta University 9th to 13th May 2011
- Awareness training: quality management system ISO 9001 2008 Kenyatta University 24th March 2011
- Symposium on innovations in monitoring and evaluation (M & E) on 7th- 8th March 2011
- Introduction to STRATA (a statistical package for data analysis) implemented by Tulane university (USA) in collaboration with Kenyatta University (Kenya) 28th February to 5th March 2011
- DAAD PHD proposal writing workshop on 28th April 2010 at ICIPE Nairobi
- Curriculum Development, Quality Assurance Framework and Criteria Manual Development finalization by the African Academy for Environmental Health (AAEH) Workshop at the Kivi Milimani Hotel Nairobi Kenya from 17th -20th August 2009
- Kenyatta University and NASCOP data for decision making TOT workshop on the 5th to 9th April 2009 at the great Rift valley Lodge and Golf Resort
- Effective supervision and negotiation skills at Utalii hotel 15th December to 19th December 2008
- Conference on Peace Education in Eastern and Central Africa: the state of the Art, Lessons and Possibilities. Safari Park Hotel Nairobi Kenya 2nd to 3rd December 2008
- Medium Enterprises Seminar (SME) Workshop organized by Kenya Kountry Business Incubator Kekobi at the Panafric Hotel 24th -25th July 2008
- Fourth Annual Regional Workshop in celebration of The Scientific Revival Day of: evidence based advice to policy. By the Kenya National Academy of Science (KNAS) 27th to 29th June 2008. Nairobi Kenya
- KAAD Society of East Africa (KASEA) annual seminar on peace building on 23rd to 26th October 2008. Amani Conference Centre, Thika Road Nairobi
- Course on Value Chains and Technology Development organized by African Centre for Technology (ACTS) from 18th -19th September 2008

- Sensitization workshop held at the Kasarani International Sports Centre 18th August to 11th September 2008
- Training and Capacity Building Workshop for the Ministry of Higher Education Science and Technology Staff at Kasarani Sports Centre
- Induction seminar for the Ministry of Higher Education Science and Technology Staff at Government Training Institute (GTI) Embu. 13th October to 17th October