

CURRICULUM VITAE



1.0 BIODATA

Name : Robert Wanjala Nyukuri
Date of Birth : 30th December 1977.
Home : Bungoma.
Marital Status : Married
Contact Address : P.O. Box 1030-50200, Bungoma.
E-mail : rnyukuri@kibu.ac.ke / robertnyukuri58@gmail.com
Cell Phone : 07273 71788 / 0738712616
Sex : Male.
Place of Birth : Bungoma.
Citizenship : Kenyan.

2.0 EDUCATIONAL BACKGROUND

Year	Institution	Exam / Grade /Division
2009– 2014	University of Eldoret	Ph. D (Zoology, Entomology).
2004 – 2008	Moi University	M.Phil (Zoology, Entomology).
1998– 2003	Moi University	B.Ed (Sc), 2 nd Class, Upper Div.
1993– 1996	Bungoma Boys High School	K.C.S.E., B+ (Plus).
1984 – 1992	Mwiyenga Primary School	K.C.P.E., B (Plain).
2016 – To Date	University of Nairobi	MAPPM

3.0 LIST OF PUBLICATIONS.

(a). Journal Articles Published

3.1. Makila,J.; **Nyukuri, R.W.**;Mwongula,A.; (2018). Consumer preference of termites *Pseudocanthotermes grandiceps* (Isoptera: Termitidea) in Western Kenya.International Journal of Life Sciences Research, **6**(3): 218-225

3.2. Makila,J.; **Nyukuri, R.W.**;Mwongula,A.; (2018). Swarming inducement of *Pseudocanthotermes grandiceps* alates in response to food security in Kenya.International Journal of Life Sciences Research, **6**(3): 226-230

- 3.3. Makila,J.; **Nyukuri, R.W.**;Mwongula,A.W.; Wanjala, F.M.E.; Bagine,R.K.; (2018). Proximate Composition of *Pseudocanthotermes grandiceps* (Isoptera: Termitidea) in Western Kenya: Comparison with Nile Perch fish and Red meat. International Journal of Interdisciplinary Research and Innovations, **6**(2): 102-106
- 3.4. Makila,J.; **Nyukuri, R.W.**;Mwongula,A.W.; (2018). Integrated bean aphid management (Homoptera:Aphididae) on bean crop (*Phaseoli vulgaris*) in Western Kenya. International Journal of Thesis Projects and Dissertations (UTPD), **6**(2): 8-29
- 3.5. Mukanda, M.; **Nyukuri, R.W.**; Rotich, G.; (2016). Effect of using Insecticide Treated Nets [ITNs] on seasonality dynamics of malaria prevalence among expectant mothers. International Journal of Innovative Science, Engineering & Technology, **3** (6): 183-194
- 3.6. Cheramgoi,E.;Wanjala,F.M.E.;Sudoj,V.;Wanyoko,J.;Mwamburi,L.; **Nyukuri, R.W.** ; (2016). Efficacy and mode of applications of local *Beauveria bassiana* isolates in the control of the tea weevil. Annual Research and Review in Biology Journal. **10**(1):1-8
- 3.7. Rotich,G.; **Nyukuri, R.W.** ; Oduor,N.;Mmbone,S.;Cheboi,J.J.; Kiptoo,J.J.:(2016). Efficacy of varied concentrations of Fipronil 200 G/L in the graveyard (Field Trial Test) control of termites. American Chemical Science Journal. **11**(1):1-6
- 3.8. Rotich, G.; **Nyukuri, R.W.**; Oduor,N.; Wanjala, F.M.; Kiptoo,J.J.; (2016). Comparative efficacy of varied concentrations of Fipronil in the laboratory management of termites. American Chemical Science Journal. **10**(4):1-7
- 3.9. Mmbone, S.; Mulaa, M.; Wanjala, F.M.; **Nyukuri, R.W.**; Cheramgoi, E. ;(2014).Efficacy of *Tegetes minuta* and *Tephrosia vogelii* crude leaf extract on *Tetranychidae urticae* (Acari: *Tetranychidae*) and *aphis fabae* (Homoptera: *Aphididae*). Afr.J. Food Sci. Technol.5 **(8)**:168-173.
- 3.10. **Nyukuri, R.W.**; Kirui, S.C.; Cheramgoi, E.; Mwale, R.; Koskei, G. ;(2013).Food value of termites (isoptera: termitidae) in Western Kenya: comparison with beef and Tilapia fish. International Journal of Sch.Research Gate.2014; **2**(4):176-186.
- 3.11. Mwale, R., **Nyukuri, R.W.**; Kirui, S.C. Cheramgoi, E.; Mwale, R.; Wekesa, A.W. ;(2014).Effects of Insecticide Treated Nets [ITNs] to behaviour changes in adult mosquitoes. International Journal of Sch.Research Gate.2014; **2**(4):169-175.

- 3.12. **Nyukuri, R.W.**; Kirui, S.C. Cheramgoi, E.; Mwale, R.; Koskei, G.; (2014). Effects of preservation methods on the proximate composition of the white ants (isoptera: termitidae). *Journal. Agri-food and Applied Sci*, 2(6):167-170.
- 3.13. **Nyukuri, R.W.** Kirui, S.C.; Cheramgoi, E.; Chirchir, E.; Mwale, R. ;(2014). Damage of stem borer species to *Zea mays* L. and *Sorghum bicolor* L. and three refugia graminae. *Afr.J. Food Sci. Technol.*5 (2):37-45.
- 3.14. **Nyukuri, R.W.**; Kirui,S.C.; Cheramgoi,E.; Chirchir,E.; Mwale,R.; (2014). Role of refugia graminae in push – pull management of stem borer species of *Zea mays* L. and *Sorghum bicolor* L. *Afr.J. Food Sci. and Technol.*6(2):29-36
- 3.15.**Nyukuri, R.W.**; Kirui,S.C.; Cheramgoi,E.; Chirchir,E.; Mwale,R.; (2014).Phytogeography of stem borer species of *Zea mays* L. and *Sorghum bicolor* L. and their refugia graminae. *Afr.J.Food Sci. and Technol.*5 (1):6-11.
- 3.16. Cheramgoi, E.; Muluka, S.; Cheron, I.; **Nyukuri, R.W.**; Chepkem, J.; (2013). Growth characteristics and pathogenicity of local *Beauveria bassiana* isolates against the Nyambene tea weevil (*Sphrigodes mixtous*) in Kenya. *Journal of Food Sci. and Techn.* 1(4):42-52
- 3.17. Wafula, M.; Cheramgoi, E.; **Nyukuri, R.W.**; Tanui, S.; Lang'at, J. ;(2013). Determination of susceptibility of different tea clones to *Pestalotiopsis* species in Timbilil Estate, Kericho.*Journal of Food Sci. and Techn.*1 (3):35-41
- 3.18. **Nyukuri,R.W.**; Kirui,S.C.; Wanjala,F.M.E.; Ogema,O.;Cheramgoi,E.; (2013)
Effects of varying population of and feeding preferences of *Helopeltis shoutedeni* Reuter (Hemiptera: Meridae on parts of tea (*Camella sinesis* Kunze) in Kenya. *Journal of Food Sci. and Techn.*1 (1):1-5.
- 3.19. **Nyukuri, R.W.**; Kirui, S.C.; Wanjala, F.M.E.; Odhiambo, J.O.; Cheramgoi, E. ;(2012).Effects of different agro- ecosystems on prevalence of different species of pests and coccinellid predators. *Journal of Agri.Sci.and Techn.*A.2 (2012):1003-1010.
- 3.20. **Nyukuri, R.W.**; Kirui, S.C.; Wanjala, F.M.E.; Odhiambo, J.O.;Cheramgoi,E.; (2012).The effectiveness of coccinellids as natural enemies of aphids in maize, beans and cowpeas. *Journal of Agri.Sci.and Techn.*A.2 (2012):776-783.

(b) Journal Articles in Press

3.17 **Nyukuri, R.W.**; Mmbone, S.; Kiptoo, J.J.; Jenninah M.M, J.M; **(2018)** Spatial distribution of *Bussseola fusca* [Fuller] and *Sesamia calamists* [Thomson] in *Zea mays* L.

(c) Reviewer of Journal Articles

i. African Journal of Agricultural Research [AJAR] .Paper by Clement Onou, entitled: Use of *Andropogon gayanus* hedges in Sahelian millet fields: Scope for synergy between wind erosion alleviation and millet stem borer regulation services. (27th-30th May, 2014).

ii. African Journal of Agricultural Research [AJAR] .Paper by Clement Onou, entitled: Adoption of Improved Bread Wheat Varieties on Small-scale Farmers: The case of Boji Gebisa Ambo district, Oromia Regional State, Ethiopia. (11th-15th July, 2014).

iii. African Health Science Journal [AHSJ]. Paper by Charles Irungu Maina, entitled: Plasma ACTH Concentration and Pituitary Gland Histopathology Rats Infected with *T.b.brucei* **[2016]**

4.0 CONFERENCES, WORKSHOPS AND SEMINARS ATTENDED

4.1. Agro 2011- Inaugural Biennial Conference on Optimization of Agricultural Value chains for Sustainable Development, Nairobi, Kenya, and 26th - 28th September, 2011. **Presented a paper entitled: The effectiveness of coccinellids as natural enemies of aphids in maize, beans and cowpeas.**

4.2. The Horticultural Association of Kenya [HAK] 11th Workshop on Sustainable Horticultural Production in the Tropics, Kilifi, Kenya, 7th -10th December, 2011. **Presented a paper entitled: Effects of different agro- ecosystems on prevalence of different species of pests and coccinellid predators.**

5.0 WORKING EXPERIENCE.

5.1 MARCH, 2015 – TO DATE

LECTURER, KIBABII UNIVERSITY

5.2 AUGUST, 2014– FEBRUARY, 2015

LECTURER, UNIVERSITY OF ELDORET

5.3 JANUARY, 2010 – JULY, 2014

ASSISTANT LECTURER, UNIVERSITY OF ELDORET

5.3.1 Underground Courses taught [Titles]

General Zoology, Basic Zoology 1, Basic Zoology 11, Invertebrate Zoology, Introductory Animal Ecology, Arthropod Biology, Histology and Physiology, Cell Biology, Entomology 1, Entomology 11, Parasitology 1, Aquatic Ecology 1, History and Philosophy of Biology, Animal Genetics and Evolution, Entomology and Pest Management, Aquatic Ecology 11, Higher invertebrates, Lower Invertebrates, Fundamentals of Cell Biology, Vertebrate Zoology, Survey of Animal Kingdom, Fundamentals of Ecology, Biostatistics, Research Methodology and Agricultural Zoology.

5.4 SEPTEMBER 2005 – DECEMBER 2010

5.4.1 TEACHING IN SECONDARY SCHOOLS:

5.5 SEPTEMBER, 2005 –JANUARY 2010

TEACHER - ST.PETER'S, MUSIKOMA

5.5.1 SUBJECTS TAUGHT

- Biology and Chemistry

5.7 SKILLS

General skills in data analysis, with special skills in: MS Office, Statistical softwares: Spss, Stata

5.8 Time Management

I have met the many deadlines in my teaching and supervisory duties. I have extensive experience of juggling different tasks and bringing them to a successful conclusion.

6.0 MEMBERSHIP IN LEARNED AND PROFESSIONAL ORGANISATION

6.1 Member, Kenya Association of Educational Administration and Management. [KAEAM]

6.2 Commonwealth Council for Educational Administration and Management. [CCEAM]

6.3 Member, Entomological Society of Kenya. [ESK]

7.0 PROJECTS SUPERVISION

7.1 DOCTOR OF PHILOSOPHY (Ph.D)

i. **Rotich G.**, Comparative efficacy of fipronyl 200g/l, imidacloprid 200g/l, in the control of termites on treated timber and sand.

ii. **Wamukota, D.**, Domain-specific beliefs of biology teachers about the subject and the integration of technology in instruction in secondary schools in Bungoma County, Kenya

7.2 MASTER OF SCIENCE (M.Sc)

(a) Completed

i. **Rotich, J.** (2016). Efficacy of fipronil 20g and termidor in controlling termites experimentation and graveyard trial test carried out in KEFRI.

ii. **Titus S.M.** (2015).Effect of kinesthetic instructional resources on students' learning of Biology in Secondary School in Bungoma County, Kenya.

(b) On-going

i. **Situma, Y.**, EDXRF Spectroscopic elemental analysis of sewage effluents: a case study of kibabii university sewage treatment system

7.2 BACHELOR OF SCIENCE (B.Sc)

(a) Completed B.Sc.

- i. Sabuni, L. (2014). Insecticidal effect of neem leaf extract on survival, development and reproduction of cockroaches (*Periplaneta americana*) [University of Eldoret].
- ii. Mulonga, J. (2015). Resistance of the red Masai and dorper sheep to *Haemonchus contortus* in Trans- Nzoia County [University of Eldoret].
- iii. Barasa, M. (2015) Spartial distribution of stem borer species of *Zea mays* in Bungoma County [University of Eldoret].
- iv. Odago, C, A. (2015) Assessment of physical and microbial quality of borehole water of Sogomo centre [University of Eldoret].
- v. Kituri, M. (2015) Determination of optimum duration of boiling milk in an open container to reduce coliform count to less than 10 c.f.u's [University of Eldoret].

8. CONTRIBUTIONS TO UNIVERSITY LIFE

8.1 Member, University Senate

- 8.2 **Member**, University deans' Committee
- 8.3 **Member**, Adhoc committee to develop a conferences and seminars policy.
- 8.4 **Member**, Research, industrial linkages, extension and innovation committee.
- 8.5 **Member**, Environmental conservation committee.
- 8.6 **Member**, Community outreach committee.
- 8.7 **Member**, Technical University Research Committee.
- 8.8 **Member**, University Graduate School Board
- 8.9 **Member**, Adhoc Committee on Academic Probe
- 8.10 **Member**, Part- time teaching and Management Policy Committee
- 8.11 **Chair**, Pest Control and Monitoring Tool Development Committee
- 8.12 **Member**, National CBA 2013-17 Implementation Committee
- 8.13 **Spokesman**, Internal CBA 2013-17 Negotiation team
- 8.14 **Member**, University Benevolent fund committee
- 8.15 **Member**, Healthy Policy Committee

9. COMMUNITY DEVELOPMENT PARTICIPATION [SOCIAL CORPORATE RESPONSIBILITY]

- 9.1 **Chairman**, Mwiya Primary School alumni.
- 9.2 **Chairman**, Mwiya Girls High School.
- 9.3 **Chairman**, Board of Management [BoM], Marobo Girls High School, Bungoma Central Sub-County.
- 9.4 **Chairman**, Board of Management [BoM], Myanga High School, Bumula Sub-County.
- 9.5 **Guest of Honour** in a Fundsdrive to construct a Catholic Church at Nakhwana Sub-Parish of Kimwanga Parish on **06/12/2015**.
- 9.6 **Member**, Board of Management [BoM], Bumula Boys High School, Bumula Sub-County.
- 9.7 **Member**, Board of Management [BoM], St Mary's High School, Ngoli, Bumula Sub-County.
- 9.8 **Member**, Development Committee, Emmanuel ACK Church, Musikoma Parish.
- 9.9 **Guest of Honour** in a fundsdrive for students and teachers welfare and remuneration of Parents Association [PA] Teachers on **10/06/2016**.
- 9.10 **Guest of Honour**, at Bunambobi Primary School to release the release of primary schools mock results sponsored by Bumula Professionals on **23/09/2016**

9.11 **Guest of Honour**, at Tabala Grace Community Connection Ministries to construct [roof] the church on **6/11/2016**

9.12. **Guest of Honour**, at Syombe ACK Primary School during Stakeholders Forum in **March, 2018**

9.13. **Guest of Honour**, at Mr Aggrey Risiti's family at Masielo Village for a student joining Meru MTC to pursue a Diploma in Medical Engineering in **June, 2018**

10. PRIVATE SECTOR DEVELOPMENT CONTRIBUTION

10.1 **Patron**, Kibabii Landlords Association.

10.2 **Director**, Bumula Hostels around Kibabii University in Tuuti-Marakaru Ward.

10.3 **Director**, Annex Estate in Khalaba Ward, Kanduyi Sub-County.

10.4 **Director**, Figs Systems and Associates Company.

11. ELECTIVE / LEADERSHIP POSTS HELD

11.1 **2016- To date: Secretary General**, UASU [Universities Academic Staff Union], Kibabii Chapter.

Core Competencies acquired

- Negotiations for Collective Bargain Agreement [CBA]
- Representation of members in different fora
- Formulation of University policies
- Agitation of members' rights
- Improvement of Members Welfare
- Protection of members against managements draconian principles
- Mobilisation of members to agitate for their rights
- Effective communication to members on the deliberations made in various fora and meeting.
- Dealing with Staff disciplinary matters

2016 –date: Secretary, Development Committee, and Friends School Bumula High School.

2015- To date: Chairman, Investments Committee, Naitirians Self Help Group

2001-2002: Secretary General, MUSO [Moi University Students Organization], Chepkoilel Chapter

2001-2001: Chairman, TRANS-MUBSA [Transzoia –Bungoma Moi University Students Association, Chepkoilel Chapter

12. REFEREES

12.1 Ms Martha M. Konje

CoD, Biological & Applied Sc.

Kibabii University

0711-259863

12.2. Prof. Fredrick Muyoma E. Wanjala

Biological Sciences Depart.

University of Eldoret.

0721- 558386

12.3. Prof. Isaac O. Ipara

Vice-Chancellor

Kibabii University

0722-5429397