

CURRICULUM VITAE



NAME	PASCALINE JERUTO
CURRENT POSITION	LECTURER
UNIVERSITY ACADEMIC POSITION	LECTURER
INSTITUTION	JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
PHYSICAL ADDRESS	210-40601,BONDO

PERSONAL DATA	
DATE OF BIRTH	21/01/1981
PLACE OF BIRTH	NANDI COUNTY
NATIONALITY	KENYAN
PROFESSION	TEACHING
CONTACT ADDRESS	210-40601, BONDO KENYA

1. SUMMARY OF EXPERIENCE

Teaching experience since 1998 as a PTA teacher , then BOG up to date as a lecturer

Research experience (FAN- research assistant; 2004-2009 MSC programme - to date)

Community outreach

2. EDUCATION

<i>Year (from – to)</i>	<i>Degree, Institution</i>
2010-ongoing	PHD, Jaramogi Oginga Odinga University of Science & technology
2004-2009	MSC, Maseno University
1999-2004	BED(SCI) , Maseno University

3. EMPLOYMENT	
<i>Years since</i>	<i>Company / Institution</i>
<i>March 2012-To date</i>	<i>Jaramogi Oginga Odinga University of Science and Technology</i>
<i>Sept. 2010- Feb. 2012</i>	<i>Bondo University College</i>
<i>Feb 2008- Aug. 2010</i>	<i>Kenya Plant Health Inspectorate service (KEPHIS)</i>
<i>Aug, 2006-Aug 2007</i>	<i>Ollessos, Technical Training Institute</i>
<i>April 2006 -Jun 2006</i>	<i>Forest Action Network</i>

4. POSITIONS PREVIOUSLY HELD	
<i>Year (from – to)</i>	<i>Position, Project / Programme, Company / Institution / Client Description of roles and responsibilities</i>
March 2012-To date	<p>Lecturer-JOOUST; Teaching botany courses</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> a. Academic Responsibilities -Teaching and learning <ul style="list-style-type: none"> • To design, review, develop and deliver a range of programmes of study including new courses at various levels. • To engage in research, management and team working, student & staff counseling, problem solving and impact, resource management by engaging in continuous professional development • Community outreach
Sept. 2010-March 2012	<p>Assistant lecturer - Bondo University College</p> <p>Responsibilities: Teaching, research and community outreach</p>
Feb 2008- Aug. 2010	<p>Plant/Seed Inspector-Kenya Plant Health Inspectorate Service (KEPHIS)</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> • Regulation of imports and exports of agricultural material and seed certification • Seed certification (Registration/inspection of seed crop fields, seed processing & sampling for lab analysis. • Head technical administration (data management). • Preparation of technical reports in seed certification activities. • Seed sellers licensing • Seed Post Certification Survey • Undertaking National performance trials and DUS tests for new variety release / protection under UPOV guidelines. • Giving talks to stakeholders- seed companies, farmers and supervising students from tertiary institutions. • Training of seed stockists on good practices on seed related

	<p>issues.</p> <ul style="list-style-type: none"> • Coordinating shows and field days. • Undertaking Pest Risk Analysis in Kenya for <i>Bemisia tabaci</i> (white flies) and Thrips. • Participated on cooperate social responsibilities i.e distributing maize and fire wood to needy children and planting maize for Sirende Primary School. • As an Integrity Assurance Officer-Secretary to Kephis Corruption Prevention Committee-ensuring transparency among all the stakeholders within Kitale region • Responsible for endorsement of cash sale receipts and Invoice in the region-for proper management of finance in the region
2006- Aug 2007	<p>A tutor Ollessos, Technical Training Institute</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> • Teaching Microbiology, Parasitology, Lab practice, Museum / Herbarium / Aquarium / Vivarium, Taxonomy, Ecology and Soil study. • Trade Project supervisor • Boarding mistress • Guidance and counselling
2006	<p>Research assistant Forest Action Network</p> <p>Responsibilities: Carry out a survey on Medicinal Plants used to treat malaria in Nandi district.</p>

5. TEACHING RESPONSIBILITY

<i>School/Institute</i>	<i>Class/Discipline</i>
SBPS	Teaching; Botany courses in Plant Taxonomy and Economic Botany and related courses

6. EXTERNAL APPOINTMENTS/AWARDS

<i>Year</i>	<i>Appointment as/Institution/Project</i>
2011	DAAD –in country

7. OTHER LEADERSHIP POSITIONS

<i>Year</i>	<i>Position/Programme/Institution</i>
2004-to date	Youth adviser; Sunshine Academic and Conservation Group
2010-to date	Patron Kitwek Association- JOOUST

8. RESEARCH ACTIVITIES/PROJECTS (Past and Present)

<i>Years/Duration</i>	<i>Position /Title / Sponsor</i>
20/4/2011- 2013	Research collaborator ; Characterization, chemical and microbial analysis of <i>Senna didymobotrya</i> in Kenya; NCST
2010	Research collaborator ; Using Indigenous Knowledge for King'wal Wetland Conservation In Nandi County ; RUFFORD
2011	Research collaborator; KAPPAP Sorghum project

9. CONSULTANCIES	
Year from – to	Position, Project / Programme, Company / Institution / Client Description of roles and responsibilities
September 2010 - to date	Lecturer, School of Biological and Physical Science; Clients- Students, Collaborative institutions/ stakeholders, community and internal clients of the University; <i>Roles and responsibilities: Teaching, Integrity Assurance Officer- School of Biological & Physical Sciences, Conference/ workshop/seminar organizing committee member</i>
Feb 2008 to August 2010	Plant Inspector, Kenya Plant Health Inspectorate Service, KEPHIS-Kitale regional Office: Clients- Seed companies, ministry agriculture, farmers, other stakeholders, Kephis internal clients. Roles and responsibilities: Regulation of imports and exports of agricultural material and seed certification
2004-to date	Youth adviser; Sunshine Academic and Conservation Group Roles and responsibilities: <i>consultancies on education matters, career development, conservation and management of natural resources in the community</i>

10. TRAININGS /WORKSHOPS/SYMPOSIA ATTENDED	
	Training on proposal writing

11. MEMBERSHIP TO COMMITTEES/BOARDS	
	Member of the Ethics and Integrity Code- developing of the University Ethics and Integrity code
	Member of shows and exhibitions committee in the University
	Conference/ workshop/seminar organizing committee member

12. MEMBERSHIP TO PROFESSIONAL ASSOCIATIONS /BODIES	
	DAAD
	ADDAPT
	HAK
	SEB-KENYAN CHAPTER
	NAPRECA

13. LANGUAGE PROFICIENCY	
<i>English</i>	<i>Excellent</i>
Kiswahili	<i>Excellent</i>
Nandi	<i>Excellent</i>

14. CONFERENCES ATTENDED

	Jeruto, P. , and Omuketi W., (2012) Effects of intensive use of pesticides and fungicides on non-target soil organisms in horticultural farming A paper presented at the 12 th Workshop on Sustainable Horticultural Production in the Tropics: How should We Teach in Horticulture Courses? From frontal teaching to problem based learning. Held at Bondo University College from December 4 th - 7 th
	Jeruto, P. , Obura E., Kirui P., and Kipchirchir A., (2012) Wetlands Management and Ecotourism Development using Indigenous Knowledge: The Case of Conservation of Kingw'al Swamp, Nandi County, Kenya A paper presented at Bondo University College Conference on Role of Science and Technology in the Devolved Governance and New Constitutional Dispensation in Kenya from November 20 th - 23 rd 2012.
	Jeruto, P. , Lukhoba, C., Buyela D. and Mutai C. (2011). Medicinal plants used to treat gynecological-obstetric-urinary disorders in Aldai division of South Nandi District, Kenya. A paper presented at Bondo University College Conference held 20 th -23 rd February 2011.
	Jeruto, P. and Ouma, G. (2010). Application of Organic farming for Sustainable Fruit Production in Kenya. Submitted to E-Conference 2010 (E-chapter book).
	Jeruto, P. , Lukhoba, C. Mutai C. and Ouma, G. (2010). An inventory of Medicinal plants that the people of Nandi use to treat malaria. Submitted to E-Conference 2010 (IECAB 010-317A).
	Jeruto, P. , Lukhoba, C. Mutai C. and Ouma, G. (2010). Phytochemical Constituents of some Medicinal Plants used by the Nandis of South Nandi District, Kenya. Submitted to E-Conference 2010 (IECAB 010-317B).
	Jeruto, P. , Lukhoba, C. Mutai C., Ouma, G., Nyamaka R. L and Manani S. D (2010). Ethnobotanical Survey and Propagation of some Endangered Medicinal Plants from South Nandi District, Kenya. Submitted to E-Conference 2010 (IECAB 010-317C).
	Jeruto, P. , Lukhoba, C. and Ouma, G. (2008). Ethnobotanical studies on medicinal plants and propagation of some Endangered Indigenous medicinal plants from the Nandi South District of Kenya. A paper presented at Jomo Kenyatta of Agriculture and Technology JKUAT Scientific, Technology and Industrialization Conference held 4 th -5 th December 2008
	Jeruto, P. , Lukhoba, C. Mutai C., and Ouma, G. (2008). Vegetative Propagation of some Endangered Indigenous Trees from the South Nandi District of Kenya Using the Cheap, Non-Mist Technology. A poster presented at Jomo Kenyatta of Agriculture and Technology JKUAT Scientific, Technology and Industrialization Conference held 4 th -5 th December 2008
	Jeruto, P. , Lukhoba, C. Mutai C., and Ouma, G. (2008). Characterization and propagation of selected Antimalarial medicinal plants from Nandi South District of Kenya. A poster presented at Bio-Earn/Vicres Scientific Conference held at Speke Resort Munyonyo (Uganda) on 24 th -26 th November 2008.
	Jeruto, P. , Lukhoba, C. and Ouma, G. (2008). Characterization and Propagation of Some Endangered Indigenous Medicinal Plants from the Nandi South District of Kenya a paper presented

	at Egerton University's Annual Research Week and International Conference held 16 th -18 th September.
	Jeruto, P. , and Omuketi W., (2012) Effects of intensive use of pesticides and fungicides on non-target soil organisms in horticultural farming A paper presented at the 12 th Workshop on Sustainable Horticultural Production in the Tropics: How should We Teach in Horticulture Courses? From frontal teaching to problem based learning. Held at Bondo University College from December 4 th - 7 th

15. ABSTRACTS FOR CONFERENCES

	Effects of intensive use of pesticides and fungicides on non-target soil organisms in horticultural farming
	Wetlands Management and Ecotourism Development using Indigenous Knowledge: The Case of Conservation of Kingw'al Swamp, Nandi County,.
	Medicinal plants used to treat gynecological-obstetric-urinary disorders in Aldai division of South Nandi District, Kenya.
	Application of Organic farming for Sustainable Fruit Production in Kenya.
	An inventory of Medicinal plants that the people of Nandi use to treat malaria.
	Phytochemical Constituents of some Medicinal Plants used by the Nandis of South Nandi District, Kenya.
	Ethnobotanical Survey and Propagation of some Endangered Medicinal Plants from South Nandi District, Kenya.
	Ethnobotanical studies on medicinal plants and propagation of some Endangered Indigenous medicinal plants from the Nandi South District of Kenya.
	Vegetative Propagation of some Endangered Indigenous Trees from the South Nandi District of Kenya Using the Cheap, Non-Mist Technology.
	Characterization and propagation of selected Antimalarial medicinal plants from Nandi South District of Kenya.
	Characterization and Propagation of Some Endangered Indigenous Medicinal Plants from the Nandi South District of Kenya

16. PUBLICATIONS

1.	D.M Mureithi, M.O.A Onyango, P. Jeruto and B.M Gichimu (2012). Response of French Bean (<i>Phaseolus Vulgaris</i> L.) to Intra-row spacing in Maseno Division, Kenya. <i>Journal of Applied Sciences</i> 12(1):96-100, ISSN 1812-5654: Asian Network of Scientific information.
2.	Mutai C, Keter L, Ngeny L, Jeruto P (2012) Effects of Triterpenoids on Herpes Simplex Virus Type 1 (Hsv-1) <i>In Vitro</i> . <i>Med Aromat Plants</i> 1:106. doi:10.4172/2167-0412.1000106
3.	Jeruto, P. , Lukhoba, C. Mutai C., and Ouma, G. (2011). An inventory of medicinal plants that the people of Nandi use to treat malaria; <i>Journal of Animal & Plant Sciences</i> . Vol 9, Issue 3: Pp 1016-1043.
4.	Jeruto, P. , Lukhoba, C. Mutai C., and Ouma, G. (2011). Phytochemical constituents of some medicinal plants used by the Nandis of South Nandi district, Kenya. <i>Journal of Animal & Plant Sciences</i> . Vol 9, Issue 3: Pp 1201- 1210
5.	Jeruto, P. , Lukhoba, C. Mutai C., Ouma, G., Nyamaka R. L and Manani S. D (2010). Ethnobotanical Survey and Propagation of some Endangered Medicinal

Plants from South Nandi District, Kenya, *Journal of Animal & Plant Sciences*. Vol 8, Issue 3: Pp 1016-1043

6. George O. and **Jeruto P.**, (2010). Review of key considerations in application of organic farming for sustainable fruit production In: Mwangi, M. (Editor). Contributions of agricultural sciences towards achieving the Millennium Development Goals. Pp 1 – 22. FaCT Publishing, Nairobi, Kenya. ISBN: 978 9966 7415 26 leCAB2010 – eBook
7. **Jeruto P.**, Mutai Charles and Ouma George (2010). Ethnobotanical survey and propagation of some endangered medicinal plants from South Nandi district of Kenya. In: Mwangi, M. (Editor). Contributions of agricultural sciences towards achieving the Millenium Development Goals. Pp 116 –135. ISBN: 978 9966 7415 26 leCAB2010 – eBook
8. **Jeruto, P.**, and Ouma, G. (2010). Sustainable Horticultural Crop Production through Intercropping; The case of Fruits and Vegetable Crops; A review. *Agricultural and Biology Journal of North America* (Agri. Biol. J. N. Am.) Vol. 1(5) Pp 1098-1105
9. **Jeruto, P.**, Lukhoba, C., Ouma, G., Mutai, C. and Otieno, D. (2008). An Ethnobotanical study of medicinal plants used by the Nandi people in Kenya *Journal of Ethnopharmacology*. Vol 116 Pp 370-376