

CURRICULUM VITAE

Florence Awino Oyieke Prof. (Mrs.)

University of Nairobi, School of Biological sciences, C.B.P.S
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BIODATA:

Date of Birth -12th May 1957

SUMMARY OF ACHIEVEMENTS/ACTIVITIES

Insect Vector Biologist/Entomologist, special interest in vector ecology and control. Holder of several awards/Scholarships leading to International Baccalaureate Diploma, Bachelors, Masters and Doctorate degrees in Biological Sciences. Positions held include laboratory Demonstrator, Research Assistant, Tutorial Fellow, Lecturer and Senior Lecturer. Over thirty years teaching/research experience in Zoological Sciences, particularly Entomology and Parasitology. Teaching of service courses in other U.O.N. Departments. Professional consultancy services to KETRI, ICIPE. Collaborative Research with UNESCO, (IPAL), KETRI /KARI and KEMRI . Supervision and examination of several higher degree projects. Currently undertaking jigger research in Muranga County, Kenya. Key administrative duties at U.O.N. including warden ship, Unit Manager ,ISO Auditor, Integrity Assurance Officer,Chair of several Committees, and Deputy Director at the Student Welfare Authority.

ACADEMIC QUALIFICATIONS

- 1989 - Doctor of Philosophy in Zoology - University of Nairobi.
- 1983 - Master of Science Degree -University of Nairobi.
- 1997 - Bachelor of Science Degree -University of Victoria, B.C. Canada.
- 1977 - International Baccalaureate Diploma -Pearson College, B.C. Canada.
- 1975 - "A" level -Alliance Girls High School.
- 1974 - "O" level - Asumbi Girls High School.
- 1971 - KCPE Ogande Primary School.

EMPLOYMENT RECORD

- 1982-Research Assistant, University of Nairobi. Kenya.
- 5th October, 1983-Tutorial Fellow, University of Nairobi, Kenya.
- 1987-Assistant lecturer, university of Nairobi, Kenya.
- 1990-Lecturer, Zoology Department, UON.
- June, 2003-Senior Lecturer, Zoology Department, UON.
- 27th July, 2012- Associate Professor of Entomology- SBS-UON.

PUBLICATIONS IN REFEREED JOURNAL

1. Isabella M. Ondiba , **Florence A. Oyieke** , Duncan K. Athinya, Isaac K. Nyamongo, Benson B.A. Estambale. **2019**. Larval species diversity, seasonal occurrence and larval habitat preference of mosquitoestransmitting Rift Valley fever and malariain Baringo County, Kenya. *Parasites and Vectors*. Vol. 12:295. <https://doi.org/10.1186/s13071-019-3557-x>

2. Ruth Monyenye Nyangacha, David Odongo, **Florence Oyieke**, Christine Bii , Erastus Muniu, Stanley Chasia, Missiani Ochwoto. **2019**. Spatial distribution, prevalence and potential risk factors of Tungiasis in Vihiga County, Kenya. *PLoS Negl Trop Dis.* 13(3): e0007244. <https://doi.org/10.1371/journal.pntd.0007244>.
3. Garba LC , **Oyieke FA** , EA Owino, GS Mwansat, RS Houmsou, DGW Chintem and BE Wama. **2018**. Larval habitats of anopheline vectors of malaria on the highlands of Mambilla Plateau Taraba State North East Nigeria. *International Journal of Mosquito Research.* Vol. 5 no.1 96-100.
4. Isabella M. Ondiba , **Florence A. Oyieke** , Duncan K. Athinya, Isaac K. Nyamongo, Benson B.A. Estambale. **2019**. Larval species diversity, seasonal occurrence and larval habitat preference of mosquitoestransmitting Rift Valley fever and malaria in Baringo County, Kenya. Conference Paper presentation. C.B.P.S. Annual conference. OCTOBER 2018.
5. Isabella Moraa Ondiba, **Florence Awino Oyieke**, George Otieno Ong'amo, Macrae Mbalanya Olumula, Isaac K Nyamongo, Benson B.A. Estambale. **2018**. Malaria vector abundance is associated with house structures in Baringo County, Kenya. *PLOS ONE*
6. Caroline W. Kiuru, **Florence Awino Oyieke**, Wolfgang Richard Mukabana, Joseph Mwangangi, Luna Kamau, Damaris Muhia-Matoke. **2018**. Status of insecticide resistance in malaria vectors in Kwale County, Coastal Kenya. *Malaria Journal.* Vol. 17:2-9. doi:10.1186/s12936-017-2156-6
7. Isabella M. Ondiba, **Florence A. Oyieke**, Alfred O. Ochieng, Douglas N. Anyona , Isaac K. Nyamongo, Benson B.A. Estambale. **2017**. Malaria Vector Species Distribution and Seasonal Population Dynamics across Varied Ecological Zones in Baringo County, Kenya. Vol.7, No.21, 174-183.
8. Ruth Monyenye Nyangacha, David Odongo, **Florence Oyieke**, Missiani Ochwoto, Richard Korir, Ronald Kiprotich Ngetich, Gladys Nginya¹, Olipher Makwaga, Christine Bii, Peter Mwitari, Festus Tolo, **2017**: Secondary bacterial infections and antibiotic resistance among tungiasis patients in Western, Kenya: *PLoS Negl Trop Dis* 11(9):
9. Garba, LC , **Oyieke, FA** Owino, EA , Mwansat, GS , Houmsou, RS , Darda, F , Chintem, DGW. **2017**. Species Diversity and Relative Abundance of Anopheline Vectors of Malaria on the Highlands of Mambilla Plateau Northeast, Nigeria. *Journal of Biotechnology and Bioengineering.* Volume 1, Issue 1, PP 37-42.
10. Isabella M Ondiba, **Florence A Oyieke**, Isaac K Nyamongo and Benson BA Estambale, **2017**: Diversity, distribution and abundance of potential rift valley fever vectors in Baringo County, Kenya. *International Journal of Mosquito Research* 4(4);42-48.
12. Estambale, B, Nyamongo I K., Olago D. Oyieke F.A, Ongamo G, Nanyingi M, Mutua E. Strengthening actions towards a malaria-free Kenya TDR-IDRC research initiative on vector borne diseases in the context of climate change. 2017. www.vbd-environment.org.

13. Estambale, B, Nyamongo I K., Olago D. Oyieke F.A, Ongamo G, Nanyingi M, Mutua E. Enhancing responses and community resilience to RVF in Kenya. TDR-IDRC research initiative on vector borne diseases in the context of climate change. 2017. www.vbd-environment.org.
14. Gitau Anthony Kiragu, **Oyieke F. A** & Mathenge Evan **2015** Efficacy of coconut oil in the control of chronic tungiasis, *Journal of Public Health* 1(10) : 1-15.
15. Gitau Anthony Kiragu, **Oyieke F. A** & Mathenge Evan **2015** Efficacy of coconut oil in the control of acute tungiasis, *International Journal of New Technology and Research (IJNTR)* ISSN:2454-4116, Volume-1, Issue-5, September 2015 Pages 85-92
- 16.. Sisay Dugassa, Jenny M. Lindh, **Florence Oyieke**, Wolfgang R. Mukhabana Steven W. Lindsay, Ulrike Fillinger 2013– Development of a gravid trap for collecting malaria vectors *Anopheles gambiae s.l*
17. Sissay D. , J Lindh, S.Torr, **Oyieke F.A.** and Ulrike Fillinger. (2012). Electric nets and sticky materials for studying the oviposition behaviour of malaria vectors. *Malaria Journal*: 11:374 **Publication date** - 14 November, 2012.
18. Sichangi Kasili, **Florence Oyieke**, C. Wamae & Charles Mbogo (2009). Seasonal changes of infectivity rates of Bancroftian filariasis vectors in Coast Province, Kenya. *J. Vector Borne Dis.* 46 : 219-224.
19. Obonyo, D.N, Lovei, G.L., Songa, J.M.; **Oyieke, F.A**, Mugo, and S.N. Nyamasyo, G.H.N. (2008). Development and mortality responses of *Chilo partellus* Swinhoe (Lepidoptera: Crambidae) and *Sesamia calamistis* Hampson (Lepidoptera: Noctuidae) following partial feeding on *Bt* transgenic maize. *Journal of Applied Biosciences* 11: 554-563.
20. Obonyo, D.N.; Songa, J.M.; **Oyieke, F.A**, Nyamasyo, G.H.N. and Mugo, S.N. (2008). *Bt* transgenic maize does not deter oviposition by two important African cereal stem borers, *Chilo partellus* Swinhoe (Lepidoptera: Crambidae) and *Sesamia calamistis* Hampson (Lepidoptera: Noctuidae). *Journal of Applied Biosciences* 10: 424-433.
21. **Oyieke, F.A.** & Graham Reid. (2003). The Mechanical transmission of *Trypanosoma evansi* by *Haematobia minuta* (Diptera: Muscidae) and *Hippobosca camelina* (Diptera: Hippoboscidae) from an infected camel to a mouse and the survival of trypanosomes in fly mouthparts and gut. *Folia Veterinaria* 47 (1): 38 – 41. *Negl Trop Dis* 11(9):
22. **Oyieke, F.A.** (2003). Occurrence and transmission for camel trypanosomiasis in northern Kenya. *Journal of Camel Research & Practice.* 10(1):17-21.
23. Ndegwa P, Mihok and **F.A. Oyieke** (2001). Habitat preferences and activity patterns of *Glossina swynnertoni*. Austen in Maasai Mara. *Insect Science and its Application.* **2 (2): 113-122.**
21. Leunite S, Steve Mihok and **F.A. Oyieke** (1998). Mechanical transmission of *Trypanosoma evansi* and *T. congolense* by *Stomoxys niger* and *S. teaniatus* in laboratory mouse model. *Medical and Veterinary Entomology* **12: - 422**

24. **Oyieke, F.A.** (1987) . Mechanical Transmission of Camel trypanosomiasis in Northern Kenya and population dynamic of possible vectors. Medical And Veterinary Dipterology. Pp. 281 – 185.

BOOKS AND TEACHING MODULES

1. **Oyieke F.A.** (2006). Training Module for Open and Distance Learning (Basic Entomology-SZL 404).
2. **Oyieke F.A** (2007). Laboratory Practical Training Manual for Basic Entomology Course.
3. **Oyieke F.A.** (2012). Revised Training Module for Open and Distance Learning and e-Learning (Basic Entomology-SZL 404): Online Platform.

CURRENT / PAST RESEARCH ACTIVITIES

Prevention of Jigger infestation using a biological repellent in Muruka and Gaichanjiru Sublocations ,Muranga County. A project funded by UON Deans committee. Bionomics of mosquito vectors of malaria and RVF in Baringo County Kenya

THESIS AND UNPUBLISHED REPORTS

1. **Ogonji – Oyieke, F.A.** (1983) Mechanical Trnsmission of *Trypanosoma evansi* Steele, by *Stomoxys calcitrans*. Msc Thesis, U.O.N, Kenya
2. **Oyieke, F.A.** (1989) Studies on occurrence and transmission of camel trypanosomiasis in Northern Kenya, PhD Thesis, U.O.N., Kenya.
3. **Oyieke, F.A.** (1987). Mechanical transmission of *Trypanosoma evansi* steele by heamatophagous flies. Peper presented at 8th Annual medical Scientific Conference of KEMRI/KETRI, p 46. Nairobi, Kenya.

DOCTOR OF PHILOSOPHY DEGREE SUPERVISION

1. Ndegwa. Paul Nduati 1992 – 1998. Studies on Ecology and Epidemiological importance of *Glossina swynnertoni* Austen near Aitong, Maasai Mara, South Western Kenya. (Oyieke, F.A. and Mihok, S.). **COMPLETED**
2. Obonyo Dennis 2005-2009 : Tri-trophic interactions between parasitoids, Lepidopteran stem borers and Bt Maize in Kenya.(Oyieke, F.A, Nyamasyo, G.H.N, Songa J, Lovei G.L. and Mugo S.). **COMPLETED.**
3. Sisay Dugassa 2011-2014 : : The development of a gravid trap to attract and kill malaria vector *Anophele gambiae* s.l Giles (Diptera:Culicidae) (Oyieke, F.A., Mukhabana, R.W., and Ulrike Fillinger). **COMPLETED**
4. Ondiba Isabella Moraa : 2013. Intergrated vector management for the control of Malaria vectors involving community participation in Western Kenya. **COMPLETED.**
5. Nyagacha Ruth Monyenye 2016: Prevalence of Tungiasis and associated bacterial pathogens from lesions of patients in Western Kenya. **In progress.**
6. Liatu Columbus Garba, malaria transmission along an altitudinal transect on the highlands of mambila plateau of north-eastern Nigeria. 2016. **Thesis submitted for examination..**
7. Gitau Anthony Kiragu: 2016: Assessment of jigger infestation rate in tungiasis, associated morbidities and the ectoparasitosis control using Alobar jelly: **In progress.**
8. Kobia Dancan. Assessment of infectivity of dengue vectors and their associated insecticide susceptibility profile in Nairobi county, Kenya. 2018. **Proposal**

MASTER OF SCIENCE DEGREE SUPERVISION

1. Oigara, G. 1992 – 1994. Studies on Malaria vectors (Diptera: Culicidae) in Kisumu area in relation to using Impregnated bed nets. (Oyieke, F.A. and Manyasi, D.G.K).
2. Sumba, L. 1996 – 1998. Mechanical transmission of *Trypanoama evansi* and *T. congolense* by African *Stomoxys* species.(Oyieke, F.A.)
3. Kasili S. 1998 – 1999. Infectivity rates of vectors of bancroftian Filariasis during wet and Dry seasons in Kwale and malindi Districts of Coast province, Kenya. (Oyieke, F.A and Wamae, C.N.)
4. Kamau, S.K. 2007-. Effects of Confinement of Goats in Zero-Grazing Units and use of Polyethylene Nets on Tse-tse And Trypanosomiasis. (Ndegwa, P.N.,and Oyieke, F.A.)
5. Gamba. 2007 - Influence of age category of wild *Glossina* spp (Diptera: Glossinidae) on trypanosome sp distribution and host preferences at Ngurumanikajiado. (Oyieke, F.A and Kiragu, J.M.)
6. Mwale Ruth Euphemia 2009-2010. Assesment of malaria transmission levels in western province after the increased use of ITNS.((Oyieke, F.A., Khamala, C.M.P., and Githeko, K.A.).

7. Gitau Anthony Kiragu:2015, Efficacy of coconut oil in the control of tungiasis (**Oyieke, F.A. & Mathenge Evan**).
8. Kiuru Wanjiku Caroline 2016: Status of insecticide resistance, 21a chromosomal inversion and *plasmodium falciparum* infection rate in malaria vectors in Kwale county, coastal Kenya. 2016 (**Oyieke, F.A., Mukabana R.W & Muhia D.M**).
9. Isaiah Phyllis Munyiva,2017, Survey of tick species and their abundance at ilri's kapiti plains estate, Makueni county, Kenya
- 10 Calvin Loye Obara 2017, Characterization of Anopheline and Culicine mosquitoes (Diptera: Culicidae) larval habitats and assessment of their relative contribution to adult Mosquito populations in Baringo county, Kenya: (Ongamo G. O & **Oyieke, F.A.**).
11. Kithaka Wanja Truphena 2017, Efficacy of Syptertix® for tsetse fly control in Kiboko Makueni county, Kenya.(**Oyieke, F.A; Owino E** and Kiragu, J.M.).

PhD & MSc THESIS EXAMINATION

1. PhD. Mwenje, J. Feb.1991
2. PhD. Adongo, N.I May 1993
3. PhD Mbogo, C.N. May 1999
4. PhD. Vulule J. Sept. 1999
5. PhD.Ndegwa P. Nov. 1996
6. Msc. Ndhuhiu, A Sept. 1996
7. MSc Abubaker M. July 1994
8. MSc. Torotich, A. Oct.11994
9. MSc Bett, P.K. April 1995
10. MSc. Oigara, G. May 1995
11. MSc. Jumba, M. May 1995
12. MSc. Rotich, M.K. February 1996
13. MSc. Onyango, D. 1994
14. MSc. Sumba L.A. 1998
15. MSc E.Owino. 2006
16. Msc Gamba 2008
17. Msc S. Ogoma April, 2008
18. Phd D.Obonyo April,2009
19. Sissay Dugassa 2014

CURRICULA REVIEWS

1. 2012 Curriculum review Bsc. Microbiology & Biotechnology
2. 2010: Curriculum Review:Msc. In Applied Parasitology :SBS
3. 2010: Curriculum Review:Msc. In AppliedEntomology :SBS
4. 2008: Higher Education Science & Curricular Reforms; African Universities responding to HIV and AIDS.
5. 2007: Higher Education Science & Curricular Reforms, K.I.E., Nairobi.

SCHOLARSHIPS & AWARDS

1. 1990 British Technical Cooperation Fellowship Sussex University, UK
2. 1990 Foreign & Commonwealth Scholarship : Imperial College of Science and Technology, U.K.
3. 1980 - 82 DAAD/U.O.N. Scholarship for Msc. Degree studies.
4. 1977 - 80 Foreign student scholarship to study at the University of Victoria, B.C. Canada.
5. 1975 - 77 World Bank/Rotary Club scholarship to study at Pearson College, B.C. Canada.

PROFESSIONAL CONSULTANCIES

1. 1992 Resource person/Trainer: I.C.I.P.E. Group Training course on tsetse Integrated Management.
2. 1993 Paper review for African academy of Sciences for publication in Discovery and Innovation.
3. 1997 Revision of the tsetse distribution map in Kenya. Muguga, KETRI. Kenya.

GRANTS

1. 2010 - 2011 Deans Committee Research Grant- Kshs.250,000/=
2. 1984 - 1989 NCST Research on camel trypanosomiasis in northern Kenya
Acquired camping gear donated to Zoology Dept. safari store; 2 field dissection microscopes, 2 large and 1 small Liquid Nitrogen cylinders, insect collection equipment.

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

1. Kenya Women Association of Scientists & Engineers (KWASE)
2. Chevening Scholar Alumni association, British Council.

ADDITIONAL TRAINING/COURSES WITH CERTIFICATE

1. 2011: Certificate on Proposal Writing UNES/UON, CCU-UON.
2. 2011: Certificate of, Advanced Research Methodology, epidemic modeling with "Stella Arc GIS".
3. 2011: Certificate: Integrity Assurance Officer's Course, Kenya Anti-Corruption Commission.
4. 2010: Certificate: Team building & Corporate Governance, F.K.E., Naivasha.
5. 2007: Higher Education Science a7 curricular reforms; African Universities responding to HIV/AIDS
6. 2007: Certificate of Participation, No.5212: course on Occupational Safety & Health, Directorate of Occupational Health & Safety, Ministry of Labour and Human Resources.
7. 2007: Certificate: Implementation of ISO9001:2000; Seminar on Quality Management Systems. K.B.S. & UON.
8. 2006: Certificate in an in-house training on Management Development for Administrators of UON (FKE).

9. 2005: Certificate in PPP Strategies and Techniques, Masai Mara, Kenya.
10. 2004: Certificate in Computer Training UON-ICT/SWA
11. 1990: Certificate in Advance methods in vector control, Imperial College of Science & Technology, U.K.

EXTRA NON-TEACHING/ADMINISTRATIVE DUTIES

1. 2013 Chair of Committee to review S.B.S. 2013-2018 strategic plan.
2. 2013: Chair of Committee to review SWA- UON 2013-2018 strategic plan.
3. 2013: Member of Committee to review UON 2013-2018 strategic plan.
4. 2011: Chair of Technical evaluation committee for provision of security services for UON.
5. 2011: Member, CBPS ISO Starring Committee.
6. 2010: Chair of technical evaluation committee for provision of security services for UNES, UON.
7. 2009: Member, UON, Disability mainstreaming committee.
8. 2009: Commissioner for SONU Elections.
9. 2009: Chair of Technical evaluation committee for provision of security Services for UON.
10. 2008: Chair of Technical Evaluation Committee for provision of waste Management of UON.
11. 2008: Internal Quality Auditor for the University of Nairobi.
12. 2007: Chair of SWA ISO Development Committee.
13. 2007: Chair of task force on Students' cooking in the Halls of Residence.
14. 2007: Chair of SWA Procurement Committee.
15. 2007: Chair of Board of Survey: Disposal of Furniture/Equipment for the UON Central offices.
16. 2007: Member Board of Survey, Disposal of UON vehicles.
17. 2007: Commissioner for SONU Elections.
18. 2005: Chair of Technical Evaluation Committee for Provision of Security Services to UON.
19. 2005: Commissioner for SONU Elections.
20. 2005: Member, Committee on Normalization of C.H.S.S. Academic Programmes.
21. 2004: Commissioner; Review of the SONU 98 Constitution.
22. 2004: Acting Director, SWA University of Nairobi.
23. 2003: Deputy Director, SWA University of Nairobi.
24. 1997: 2003 – Manger, Women's Halls, University of Nairobi.
25. 1998: Chairman, Science Faculty Student Welfare Committee, U.O.N.
26. 1996: Acting Chairman, Zoology Department.
27. 1995: 2003 – Entomology section coordination.
28. 1993: 2003 – Coordinator 4th year student Registration .
29. 1991: 1993 – Warden, Stella Awinja Hall, University of Nairobi.

UON ISO 9001:2008 INTERNAL QUALITY REPORTS

1. 2013: Internal Audit report No. BPS/DIRECTORL/2013/01 – Lead Auditor.
2. 2012 Internal Audit report No. CBPS/PRINCIPAL/2012/01 – Lead Auditor.
3. 2012: Internal Audit report No. UON/CHS/SM/2012/08 – Lead Auditor.
4. 2011: Internal Audit report No. UON/CA/P/2011 – Lead Auditor.
5. 2011: Internal Audit report No. UON/CA/PR/2011 – Lead Auditor.
6. 2011: Internal Audit report No. UON/CA/LEGAL/2011 – Lead Auditor.
7. 2010: Internal Audit report No. VC/IQA/2010/02 – Auditor.
8. 2010: Internal Audit report No. DVCAA/IQA/2010/02 – Auditor.
9. 2010: Internal Audit report No. MR/IQA/2010/02 – Auditor.
10. 2010: Internal Audit report for Principal's office C.H.S.S. – Lead Auditor.
11. 2009: Internal Audit report for Principal's office C.H.S. – Lead Auditor.
12. 2008: Internal Audit report for School of ARTS & Design and School of Built Environment – Lead Auditor.

UON TENDER TECHNICAL EVALUATION REPORTS

1. 2011: Technical evaluation on outsourcing security services for UON- UON/T/12/2011-2012.
2. 2010: Technical evaluation for provision of private security services to UNES - UNES/T/01/2010-2011.
3. 2008: Technical evaluation for provision of security services to University of Nairobi – UON/T/44/2007-2009.
4. 2007: Technical evaluation for supply of student's Lecture theatre chairs UON/T/24/2006-2007.
5. 2007: Technical evaluation for supply of student's Lecture theatre chairs- UON/T/24/2006-2007.
6. 2006: Technical evaluation for provision of private security services - UON/T/2005 – 2006.

CONFERENCES/WORKSHOPS/SEMINARS

1. 2013: Workshop: Training on Examination
2. 2012: Training on Leadership & Team building.
3. 2012: Training on Information systems Security Safety Measures.
4. 2012: Internal Quality Audit refresher training KMS.
5. 2011: Advanced Research Methodology Workshop KeFA & University of Washington.
 6. 2012: Training on how to upload course material and publications on the website, SCI, Chiromo.
7. 2011: Workshop: Training on Finance for non Finance Managers, UON.
8. 2011: Training on Q-Pulse, SPS, Chiromo, UON.
9. 2011: Training on Technical Evaluation, CCU – UON.
10. 2009: Environmental Audit Training, CCU, University of Nairobi.
11. 2009: Disposal, Procurement and Inspection and Acceptance of goods, CCU, University of Nairobi.
12. 2008: In-country Evaluation and Dissemination Workshop: Higher Education Science Curricular Reforms: African Universities Responding to HIV/AIDS 8th Dec. 2008, Kenya, Nairobi.
13. 2008: Training on Applications of Public Procurement Rules and Regulations and Challenges, UON.
14. 2008: Sensitization training on integrity, CCU, University of Nairobi.
15. 2008: Training on Environmental auditing: CCU, University of Nairobi.
16. 2007: Training in Pedagogy, CCU – University of Nairobi.
17. 2007: Training on Public Procurement for Tender and Procurement Committee members, KCA.
18. 2007: Higher Education Science Curricular Reforms, K.I.E. Nairobi, Kenya.
19. 2007: Management Orientation training on Rapid Results Approach, Utalii College, Nairobi.
20. 2004: HIV/AIDS training Seminar for UON staff. Pan African Hotel, Nairobi.

21. 2003: Management Induction Seminar, Kenya School Monetary studies, Nairobi.
22. 2003: Halls Administration & Management Information Systems (HAMIS) Seminar Wida Highway Motel, Nairobi.
23. 2003: Induction Workshop on “way forward” for Students Welfare Authority, SWA and the changes in SWA. Ufungamano House, Nairobi, Kenya.

REFEREES:

Professor Bernard O. Aduda, Principal, College of Biological and Physical Sciences, U.o.N, P.O. Box 52428-00200, Nairobi, Kenya. E-Mail: principal-cbps@uonbi.ac.ke

Professor Paul Ndegwa, Director, School of Biological Sciences. C.B.P.S, UoN, P.O. Box 30197, Nairobi, Kenya. E-Mail: director-biosci@uonbi.ac.ke

Professor Lucy Irungu, Vice Chancellor. Machakos University. P.O. Box , 136 – 90100, Machakos , Kenya.