

**CURRICULUM VITAE UPDATED ON 29TH JUNE 2022**

**PROF. Kubasu Kwashe Samuel Shimenga, *B.Ed. (Science) (Nairobi), M.Sc. (Nairobi),  
Ph.D. Kenyatta University/The University of Bonn, Germany***  
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## ***Curriculum Vitae***

**FORMER NAME:** Sammy Shimenga Kubasu  
**CURRENT NAME:** Kubasu Kwashe Samuel Shimenga  
**DISTRICT:** Kakamega  
**COUNTRY:** Kenya  
**DATE OF BIRTH:** 14.8.1959  
**MARITAL STATUS:** Married with children

### **ACADEMIC QUALIFICATIONS**

<b><u>YEAR</u></b>	<b><u>INSTITUTION</u></b>	<b><u>LEVEL OF ATTAINMENT</u></b>
1968 – 1974	Bushiangala Primary School (Kakamega)	CPE
1975 – 1978	Musingu High School (Kakamega)	EACE
1979 – 1980	Njoro High School (Nakuru)	KACE
1981 – 1985	Nairobi University Degree	Upper Second Class Honours (Zoology, Botany and Education)
1987 – 1989	Nairobi University	M.Sc. in Medical & Vet. Entomology.
1993-1997	Kenyatta University/Un. of Bonn	PhD in Medical Entomology and Parasitology.
June 1991- October 1991	International Institute of Entomology (London)	Certificate in the Taxonomy of Insect Pests.
March 1994	British Museum (London)	Diploma in Taxonomy of Medical and Veterinary Arthropods
1994	International Institute of Molecular Biology & Biotechnology, Crete, Greece	Certificate in Biology of Disease Vectors including Molecular Technology
2 – 7 May 2004	Summer School Training Institute of the Women's and Gender Studies of the University of Applied Sciences, Kiel Germany and Aids Control Unit, Kenyatta University, at Nakuru, Kenya.	Certificate in Crisis Prevention and Capacity Building for HIV/AIDS Peer Counseling.

### **WORKING EXPERIENCE**

<b><u>YEAR</u></b>	<b><u>INSTITUTION</u></b>	<b><u>EMPLOYMENT</u></b>
Dec. 1980 – Oct. 1981	Ortum Secondary School	Teaching Biology
May 1985 – Dec. 1985	Vokoli Girls' High School	Teaching Biology
Jan. 1986 – Sept. 1987	Kakamega Boys' High Sch.	Teaching Biology

1986 – Dec. 1989	National Examination Council	National Examiner (A level)
March 1990 – Dec. 1994	National Museums of Kenya	Senior Research Scientist
Jan. 1995 – Jan. 2000	Kenyatta University	<b>Lecturer,</b> teaching: (a) <b><u>Undergraduate</u></b> :- Vertebrate Zoology, Insects of Medical Importance, Parasitology, Medical Invertebrates
2000– Sept. 2007	Kenyatta University	Senior Lecturer:- Teaching:- (a) <b><u>Undergraduates</u></b> :- Vertebrate Zoology, Insects of Medical Importance, Parasitology, Medical Invertebrates (b) <b><u>Postgraduate</u></b> Helminthology, Medical and Veterinary Entomology, Applied Parasitology, Public Health and Epidemiology
Jan 2008 – Sept. 2010	Masinde Muliro University Of Science & Technology	<b>Senior Lecturer</b> Teaching: (a) <b><u>Undergraduate</u></b> Vertebrate Zoology, Introduction to Entomology, Environmental Biology (b) <b><u>Post graduate</u></b> Prepared Masters and PHD to mount Programmes in medical Entomology and Applied Parasitology which were non-existent.
May 2008 - Date	Masinde Muliro University of Science & Technology	<b>Associate Professor of Biology</b> courses taught as indicated above.
<b><u>RESPONSIBILITIES</u></b>		
1968 - 1974	Bushiangala Primary School	School Prefect
1976 – 1978	Musingu High School	House Captain
1979 – 1980	Njoro High School	Head Prefect (Boy) (Sch. Captain)
May 1985 – Dec. 1985	Vokoli Girls' Secondary	Patron, Environmental Science Club, Games Master.
1986 – 1987	Kakamega High School	Games master I/C of Athletics, Secretary, Western Province Biology Panel.
1989 – 1996	Kenya DAAD Scholars Association	Founder Secretary General.
1990 – 1995	National Museums of Kenya	Senior Research Scientist I/C Veterinary/Medical Entomology
1996 – 2001	Kenyatta University, Zool. Dept.	Departmental Time tabler

1996 – 2001	Kenyatta University, Zool Dept.	Students' Academic Advisor, Undergraduate, 200 Series
1996 - 2007	Kenyatta University, Zool. Dept.	Member, Board of Undergraduate Committee
1996 – 2007	Kenyatta University, Zool. Dept.	Chairman, Junior Staff Appraisal Committee
1996 – 2001	Kenyatta University, Zool Dept	Chairman, New Programs Committee
1998 to Date	African Association of Acarology	Regional Representative for East & Central Africa
1998 – 2003	Bushiangala Health Centre (Kakamega)	Chairman of the Management Board
1999 – 2007	Kenyatta University	Area Supervisor, Bungoma/Busia Teaching Practice Zone
1999 to Date	Journal of African Alternative Medicine	Assistant Editor
1998 – 2001	Kenyatta University	Chairman, Departmental Technical & other Non-teaching Staff Appraisal Committee
1999 to Date	Association of Kenyan Acarologist	National Chairman
13 <sup>th</sup> May 2000 – 2005	Kenyatta University Abeingo Welfare Association	Secretary General
Jan. 2001-2005	Bushiangala Sec. School	Member, Board of Governors
March 2001-2007	Shivagala Sec. School	Member, Board of Governors
23 <sup>rd</sup> - 28 <sup>th</sup> Jan. 2002	Kenyatta University, Zool. Dept.	Acting Chairman
Jan. 2002 to Date	Western Rural Development Consortium (WERUDECO)	Executive Chairman
2000	International Journal of Insect Science & its Application	Scientific Referee
2002 – 2003	Kenyatta University, Zool. Department	Chairman, Board of Postgraduate Committee
2002 – 2003	Kenyatta University	Member, Faculty Board of Postgraduate Studies, School of Pure and Applied Sciences.

2002 – 2003	Kenyatta University	University Representative, African Regional Postgraduate Program on Insect Science (ARPIS) Academic Board
2002 – 2007	Kenyatta University, Zool. Dept.	Academic Advisor, postgraduate Students
Jan. 2003- 2007	Kenya Institute of Education	Biology Textbook Evaluator
2003- July 2008	UASU Kenyatta University	Vice Chairman
2003 - 2008	Kenyatta University Chapter	Chairman, Kenya DAAD Scholars Association.
March 2004-2007	Kenyatta University	Patron, Western University Students Association
30 <sup>th</sup> July 2005 to Dec 2017	Universities' Academic Staff Union (UASU)	National Chairman
2008 to 23.03.2021	Universities' Academic Staff Union (UASU)	Secretary General UASU,MMUST Chapter
23.03.2021 to date	Universities' Academic Staff Union (UASU)	Trustee, UASU,MMUST Chapter
2008 to 2010	Masinde Muliro Univ. of Science & Technology	Chairman, Fund Raising Committee of the Faculty of Science of MMUST
2022	Masinde Muliro Univ. of Science & Technology	Programme Leader PhD/Msc Applied Entomology
2022	Masinde Muliro Univ. of Science & Technology	Member, PhD/Msc Crop Protection Programme
1.6.2021 to 31.5.2022	Masinde Muliro Univ. of Science & Technology	Member PhD/Msc Medical Parasitology Programme
2022	Masinde Muliro Univ. of Science & Technology	1 year Contract as Associate Professor of Biology
1.6.2021 to date	Masinde Muliro Univ. of Science & Technology	Contract as Associate Professor of Biology

### Supervision

1. Masters of Science (MSc) Supervisor for Mr. Ohaga Spala in Zoology Department, Kenyatta University, Kenya. Research title: **Field Evaluation of Piper guineense and Spilanthes mauritiana powder as mosquito larvicides in Kilifi District, Kenya.**
2. Masters Degree of Public Health and Epidemiology (MPHE) Supervisor for Caroline Atieno Ogutu in Zoology Department, Kenyatta University, Kenya. Research title: **Studies on mothers' presumptive childhood malaria and patterns of drug use in Muthurwa and Kibera slums, Nairobi, Kenya.**
3. MPHE Supervisor for Abdikadir Mohammed Mohammad in Zoology Department, Kenyatta University, Kenya. Research title: **Prevalence of Tuberculosis in Central Division of Wajir District, North Eastern Province, Kenya.**
4. MPHE Supervisor for Hussein Noor Abdille in Zoology Department, Kenyatta University, Kenya. Research title: **Socio-Economic and cultural factors in the Transmission of HIV/AIDS among school and college going youth in Central Division, Garissa District, Kenya.**

5. MPHE Supervisor for Mohammed Shariff Ali in Zoology Department, Kenyatta University, Kenya. Research title: **Socio-Economic factors in Community – based malaria control in Central Division of Garissa District, Kenya.**
6. Ph.D. Supervisor for Toure Alioune (Based in ICIPE) in Zoology Department, Kenyatta University, Kenya. Research title: **Assessment of the use of botanical extracts and pheromones for the off-host and on-host control of *Amblyomma variegatum* tick.**
7. Postgraduate Diploma Project Supervisor for King'ori Jacinta Nduta in the Centre for Complimentary Medicine and Biotechnology, Kenyatta University, Kenya. Project title: **A study of factors that predispose women to HIV/AIDS in Nairobi Province.**
8. Postgraduate Diploma Project Supervisor for Wekesa Chrysantus Simiyu in the Centre for Complimentary Medicine and Biotechnology, Kenyatta University, Kenya. Project title: **A case study on utilization of voluntary Counseling and Testing (VCT) Centres in Mombasa District, Kenya.**
9. Postgraduate Diploma Supervisor for Lucy Wangui Ndungu in the Centre for Complimentary Medicine and Biotechnology, Kenyatta University, Kenya. Project title: **Assessing the quality and benefits of Voluntary Counseling and Testing (VCT) services as a strategy towards reducing HIV/AIDS transmission in Nairobi Province, Kenya.**
10. MPHE Supervisor for Hussein Yusuf in the Department of Zoology, Kenyatta University. Project title: **A study on Socio-economic factors determining the prevalence of malaria in Likoni Division, Mombasa District, Kenya.**
11. MPHE Supervisor for Kivale Ali Said in the Department of Zoology, Kenyatta University, Kenya. Project title: **Socio-Cultural Practices that influence the spread of HIV/AIDS among the Maasai in osupuko Division, Narok District, Kenya.**
12. MPHE Supervisor for Simon Nandi Sunguti in the Department of Zoology, Kenyatta University, Kenya. Project title: **A study on the Occupational Health problems among workers in lead-acid battery manufacturing firms in Nairobi: Assessment of lead levels in blood.**
13. MPHE Supervisor for Ng'ang'a Peter Njoroge in the Department of Zoology, Kenyatta University, Kenya. Project title: **A study on the Socio-Cultural and environmental factors influencing malaria prevention and control in Mwea Irrigation Scheme, Kenya.**
14. MPHE Supervisor for Wycliffe Serem in the Department of Health Science, Kenyatta University, Kenya. Project title: **Determination of Fertility Preferences among HIV infected mothers in Uasin Gishu District, Kenya.**

#### **University Internal Examiner**

1. Bachelor of Science Dissertation for Mr. Odhiambo Isaiah Okoth (Student Registration Number 120/1926/93) in 1997 titled: **The Incidence and Seasonality of Malaria in the outpatients at Kenyatta University Health Clinic.** Department of Zoology, Kenyatta University.
2. Masters of Public Health & Epidemiology (MPHE) thesis in 2001 for Ms. Florence C. Kipkorir (Student Registration Number 156/8834/99) titled: **The Effect of Changed health Care Financing on Levels of Malaria Specific Morbidity and Mortality in Kericho District, Kenya.** Department of Zoology, Kenyatta University.
3. Postgraduate Diploma Project in HIV/AIDS Management of Kenyatta University for Ms. Kithinji Purity Gachuki (Student Registration Number CM3/0021/2001) in 2002 title: **The Behaviour of Women in Light of Vulnerability to HIV/AIDS: A Case Study of Kadibo Division of Kisumu District, Kenya.** Centre for Complimentary Medicine and Biotechnology, Kenyatta University, Kenya.
4. Committee member to several Boards of Examiners for both Masters and Ph.D. Degrees in the School of Pure and Applied Sciences of Kenyatta University.
5. Ph. D. Thesis in 2003 for Seyoum Abebe Akilu (Student Registration Number 183/7689/2000). Entitled **Studies on the use of repellent plants and plant products against the main malaria vectors in Eastern Africa.**

6. MPHE thesis in 2003 for Kinoti Caroline Nkatha (Student Registration Number 157/7200/2001) entitled **Relationship between pupil's health practices and the Health Education Curriculum in Primary Schools in Miriga Mieru West Division, Kenya.**
7. Ph.D. thesis in 2003 for Bernard Acheru Okech (Student Registration Number 184/7681/2000) entitled **Factors affecting the Infectivity and Early sporogonic Development of Plasmodium Falciparum in the African Malaria vector Anopheles Gambiae s.s.**
8. MPHE thesis in 2003 for Jane Gathiga Ndungu (Student Registration Number 157/7190/2001) entitled **An Assessment of the Nutritional Status and Childcare Practices of Children under five years of age in selected children's homes in Nairobi.**
9. Ph.D. thesis in 2003 for Pauline Ngina M. Mwimzi (Student Registration Number 184/7651/99) entitled **Cellular Immune responses in Susceptible and resistant Schistosomiasis patients co-infected with HIV – 1.**
10. M.Sc. thesis in 2003 for Juma Ephantus Muturi (Student Registration Number 156/7443/2001) entitled **Prevalence of Concomitant infections of Plasmodium falciparum and Wuchereria Bancrofti in mosquito and human populations in Malindi, Kenya.**

## PUBLICATIONS

1. **Kubasu, S.S (1997).** The Vectors of Malaria and Filariasis in Kwale and Kilifi Districts of Kenya. Ph.D Thesis, Kenyatta University, Kenya.
2. **Kubasu, S.S (1992).** The ability of *Rhipicephalus appendiculatus* (Acarina: Ixodidae) stocks in Kenya to become infected with *Theileria parva* (Apicomplexa: Theileridae). *Bulletin of Entomological Research* **82**, 349 – 353.
3. **Kubasu, S.S.,** Young, A.S and Karuhize, G.R (1992). Isoenzyme characteristics of *Rhipicephalus appendiculatus* (Acaria: Ixodidae) populations in Kenya. *Insect Science and its Application* **13** (4), 475 – 480.
4. **Kubasu, S.S (1989).** Theileriosis in Kenya. The Vertst ®. The Veterinary Association Publication April/May 1989 Edition. Article pg. 20-21. Also in Agricultural Horizon Publication under the heading. The current Theileriosis Scourge in Kenya. Article pg. 10 June/July 1989 Edition.
5. **Kubasu, S.S (1989).** The role of wildlife in maintaining and disseminating theileriosis in Kenya. Agricultural Horizon Publication June/July 1990 Edition.
6. **Kubasu, S.S (1990)** Studies of the Biological diversity of *Rhipicephalus appendiculatus* Newman. 1901 (Acarina: Ixodidae) in relationship to transmission of *Theileria parva*. M.Sc. thesis presented to Nairobi University.
7. **Kubasu, S.S (1991) (ed)** Editor and preparation of proceedings on Screwworm Fly Surveillance and containment. Held in the National Museums of Kenya, Nairobi, Kenya: 29<sup>th</sup> Jan. 1991, entitled Screwworm Fly *Cochliomyia homivorax* Threat to Kenya.
8. **Kubasu, S.S (1997).** Intraspecific diversity of *Rhipicephalus appendiculatus* Newman 1901 (Acarina: ixodidae) populations in Kenya. "Tropical Biodiversity and Systematics" (Ed. H. Ulrich). (Zoologische Forschungsinstitut and Museum Alexander Koenig. Bonn). Pg 213 – 222.
9. **Kubasu, S.S.,** Shililu, J. I. and Mwase, E.T.E (2001). Variation in numbers of *Rhipicephalus appendiculatus* (Acari: Ixodidae) tick populations feeding on cattle infected with *Theileria parva* (Apicomplexa: Theileridae) Parasites. *Acarology* (Ed. R. B. Halliday, D. E. Walter, H.C. Proctor, R. A. Norton and M.J. Colloff). CSIRO Publication Melbourne).
10. J. I. Shililu, W. A. Maier, H. M. Seitz, **S. S. Kubasu** and A. S. Orago (1998). Use of Polymerase chain reaction to identify *Anopheles Gambiae* Giles (Dip., Culicidae) sibling species composition. *Journal of Applied Entomology* **122**, 461 – 464.
11. **Kubasu, S. S.,** Orago, A.S.S., Mumah, S., Waswa, J.K. and Okwesio, J. (2002). Local variations in infection rates: Mixed malaria and filariasis in *Anopheles* mosquitoes in five villages on the Kenyan Coast. In: Globalization and Health Challenges in Developing Countries. Proceedings of the Twenty First Annual Scientific Conference of the Tanzania Public Health Association. Arusha, 4-8 Nov. 2002. Pg 50 – 55 **ISBN 9987 8809 – 5-9.**
12. Waswa, J.K., Mumah, S.C.J, Njau, H.N., Orago, A.S.S., and **Kubasu, S.S.** (2002). Constraints facing the private non – for – profit religious missions in health care provision in Kenya. In:

- Globalization and Health Challenges in Developing Countries. Proceedings of the Twenty First Annual Scientific Conference of the Tanzania Public Health Association. Arusha, 4-8 Nov. 2002. Pp 34-37. **ISBN 9987 8809 -5-9.**
13. Mumah, S.C.J., Waswa, J.K., Orago, A.S.S., Muoma, J.V.O. and **Kubasu, S.S.** (2002). The role of community development programmes in the provision and financing of health services in Kenya: Can religious missions meet the expectations? In: Globalization and Health challenges in Developing Countries. Proceedings of the Twenty First Annual Scientific Conference of the Tanzania Public Health Association. Arusha, 4-8 Nov. 2002. Pp. 15-21 **ISBN 987 8809-5-9.**
  14. Okwesi, J.A., Orago, A.S.S., Waswa, J.K. and **Kubasu, S.S.** (2002). HIV/AIDS: Factors influencing risky sexual behaviour among the youth in selected secondary schools in Bondo District, Kenya. In: Globalization and Health Challenges in Developing Countries. Proceedings of the Twenty First Annual Scientific Conference of the Tanzania Public Health Association. Arusha, 4-8 Nov. 2002. Pp 98 – 103. **ISBN 9987 8809 – 5 – 9.**
  15. Spala O. Ohaga, Isaiah O. Ndiege, **Sammy S. Kubasu.** John C. Beier and Charles M. Mbogo (2007): Larvicidal Activity of *Piper guineense* and *Spilanthes mauritiana* Crude Powder against *Anopheles gambiae* and *Culex quinquefasciatus* in Kilifi District, Kenya. *Journal of Biological Sciences* **7** (7): 1215 – 1220.
  16. S.O. Ohaga, I. O. Ndiege, **S.S. Kubasu,** J.C. Beier and C.M Mbogo (2007): Susceptibility of Non – target Aquatic Macro invertebrates and vertebrates to *Piper guineense* (Piperaceae) and *Spilanthes mauritiana* (Asteraceae) powders in Kilifi District, Kenya. *International Journal of Zoological Research* **3** (2): 86 – 93.
  17. **Kubasu S.S.,** Makokha G.L. and Kaaya, G. (2007). Biological differences within *Rhipicephalus appendiculatus*. Neumann (Acari: Ixodidae) populations in Kenya. *Journal of Egyptian Society of Parasitology* **37** (2) : 411-8
  18. **Kubasu S. S.** Nyongesa, ; Rahab Raballah, E and Ngurwe, (2022). Use of Herbs in Treatment and Control of Malaria and Viral Infections in Kakamega County, Kenya. (in preparation)
  19. **Kubasu, K. S. S.** Ndonga, B; Kitungulu, Onyango, C. and Nykun; M. (2022); Climate Change and Malaria in Kakamega County, Kenya. (in preparation).
  20. Preparing a chapter in the History of Staff Welfare.

#### **SYMPOSIA SEMINARS, WORKSHOPS , CONFERENCES AND COMMUNITY OUTREACH**

1. International Tick Symposium on integrated Management of Ticks in Africa: Nairobi.. Kenya: 26 August – 1 September 1990. Held at ICIPE, paper presented. Is enzyme characterization of the tick *Rhipicephalus appendiculatus* (Acarina: Ixodidae) populations in Kenya.
2. Seminar on Screwworm Fly Surveillance and containment Held in the National Museums of Kenya, Nairobi, Kenya, 29 January, 1991 where I was the Rapporteur.
3. First International Symposium on Phlebotomine sand flies (ISOPS). 14<sup>th</sup> Sept. to 16<sup>th</sup> Sept. 1991 Held in Rome, Italy.
4. International Symposium on Biodiversity and Systematics in Tropical Ecosystems. Bonn, Germany, 1994. Presented a paper.
5. 10<sup>th</sup> International Congress of Acarology: 5-10 July 1998 Canberra, Australia. Australian National University. Presented a paper on Susceptibility of *Rhipicephalus appendiculatus* to *Theileria parva parva* infection: Role of animal host.
6. First African Acarology Symposium, 24-27 November 1998, Pretoria, South Africa. Presented a paper and chaired a session.
7. The 4<sup>th</sup> International Symposium on Population Dynamics of Plant – Inhabiting Mites. 10-14 May 1999, Shirankaikan, Kyoto, Japan. Presented a paper.
8. 2<sup>nd</sup> African Symposium of Acarology, 3-7 Dec. 2001, Nairobi, Kenya – I was the Chairman of the Organizing Committee.
9. International Conference on Sustainable Management of Head water Resources. 5-8 Sept. 2002, United States International University, Nairobi, Kenya.



10. 21<sup>st</sup> Annual Scientific Conference and Annual General Meeting of Tanzania Public Health Association. Arusha, Tanzania, 4-8 November 2002. Presented one paper as main author and three papers as a co- author.
11. Workshop on Health Research Ethics in Africa, Khartoum, Sudan, 12-16 January 2003.
12. Workshop on Standard Operating Procedures for Ethical Review of Health Research in Africa, Entebbe, Uganda, 17-21 February 2003.
13. Conference on Quality Assurance in Higher Education through Curriculum Development in Eastern Africa. Nairobi, Safari Park Hotel, Kenya, Thursday 9- Saturday October 2003.
14. Third Africa Acarology Symposium, 11-15 January 2004, Faculty of Agriculture, Cairo University, Egypt. Presented a paper and chaired a session.
15. 35<sup>th</sup> Union World Conference on Lung Health, 28 Oct – 1 Nov. 2004, Paris – France. Presented a paper.
16. Conference on Knowledge and Research for Development in East Africa, 23 – 25 October 2008. Grand Regency Hotel, Nairobi. Chaired a session.
17. Workshop on Effective Collective Bargaining and Mobilization Skills 1<sup>st</sup> -5<sup>th</sup> February. 2009. Tom Mboya Labour College Kisumu. Presented a paper and chaired a session.
18. 2010 chaired a committee that prepared recommendations on how to attract and retain students in Masinde Muliro University of Science and Technology (MMUST).
19. 2015 at the Hilton Hotel, Nairobi: chaired a session. Theme: Achieving Quality Education in Africa: Prospects and challenges beyond 2015.
20. 19<sup>th</sup> March 2015 stakeholders meeting at the Kenya Institute of Curriculum Development (KICD) Represented UASU. Presented a paper titled: **Current Status of Quality Education in Kenyan Public Universities in Reference to the Mandate of the Universities.**
21. Stakeholders workshop on **Emerging issues in Education at the Kenya** at the Institute of Curriculum Development (KICD), Nairobi on 27<sup>th</sup> May,2015 **where I chaired a session.**
22. Education International's Seventh World Conference. Ottawa, Canada 21<sup>st</sup> July 2015 – 26<sup>th</sup> July 2015 **where i chaired a session.**
23. Council for Development of Social Science Research in Africa (CODESRIA) Conference on Higher Education Leadership Programme (HELP), Arusha, Tanzania Theme: Higher Education Governance in Africa, Policy and Dissemination Workshop. 18<sup>th</sup> November, 2015- 20<sup>th</sup> November 2015. Arusha International Conference Centre. Presented a paper on **Trade Unionism and University Governance in Kenya.** Where I also **chaired a session.**
24. April 2018 I chaired a subcommittee of the Universities' Academic Staff Union (UASU) National Executive Committee (NEC) which prepared a **Report on Appointment and Promotion criteria for Academic Staff in Public Universities in Kenya.** Submitted to University Education (CUE)
25. 2021: Community Outreach, Siaya County; Reproductive Health to Primary Schools.
26. 2021: Community Outreach, Kakamega County; Tree Planting at Lwesero Primary School.
27. 2021: Community Outreach, Vihiga County; Anti Jigger Campaign.
28. 23.6.2022 Attended a Symposium on the History of MMUST, where I presented on Staff Welfare.

## CONSULTANCY

1. East Coast fever epidemiology
2. Malaria
3. HIV / AIDS
4. Filariasis
5. Tuberculosis
6. Sexually Transmitted Infections
7. Safe Motherhood
8. Public Health and Epidemiology
9. Health Research and Ethics
10. Education Curriculum Development

## **COLLABORATION / AFFILIATIONS AND EXTERNAL LINKS**

1. The Germany Academic Exchange Services as a former scholar at both M.Sc and Ph.D levels
2. Member of African Malaria Network (AMANET)
3. Working links with the Plant Protection Research Institute, South Africa.
4. Working links with the University of Cairo, Egypt
5. Working links with University of Bonn, Germany.
6. Working links with Education International.

## **MEMBERSHIP OF PROFESSIONAL BODIES**

1. African Association of Acarology where I am the Regional Representative for East & Central Africa
2. Assistant Editor, Journal of African Alternative Medicine
3. Chairman Association of Kenyan Acarologists where I am Country Chairman.
4. Member, International Acarology Society
5. Former Vice Chairman, Universities' Academic Staff Union (UASU) Kenyatta University Chapter
6. National Chairman, Universities' Academic Staff Union (UASU). 2005 – 2017
7. Current Secretary General, Universities' Academic Staff Union (UASU) MMUST Chapter 2008 to date
8. Member, Entomological Society of Kenya
9. Member, Association of African Insect Scientists
10. Kenya DAAD Scholars Association where I was founder National Secretary General and former Chairman Kenyatta University Chapter

## **HONARY CERTIFICATES**

1. Honary Certificate from the International Journal of Acarology, January 13<sup>th</sup> 2004 in Cairo, Egypt for outstanding contribution to Acarology.
2. Appointed MAN OF THE YEAR 2006 by the American Biographical Institute, Inc.

## **ACADEMIC LEADERSHIP**

**a)**

1. I was the National Chairman of the Universities Academic Staff Union (UASU) from 2005 to 2017.
2. UASU KU Chapter Vice Chairman 2005 – 2007
3. UASU MMUST Chapter Secretary General 2008 – 2021.
4. UASU MMUST Chapter Trustee 2021 to date

**b) Research Leadership.**

1. I am the Executive Chairman of the Western Rural Development Consortium (WERUDECO) – a non political Community Development Organization (CBO). I wrote a proposal, which I earned the CBO Kshs. 350,000/= (three hundred and fifty thousand shillings.) in 2003, from the National Aids Control Committee, (NACC) for HIV/AIDS control in Ikolomani Constituency in Kakamega District, Kenya.
2. As a chairman of the Fund Raising Committee of the Faculty of Science of MMUST, we prepared and submitted a proposal to Hyundai Corporation to fund construction and equipment of a modern science laboratory worth about Kshs. 150.M.

3. I was UASU negotiator during 2003/2004 Collective Bargaining Agreement (CBA) which earned members of teaching staff between 115% and 200% Basic Salary and House allowance increments and head UASU negotiator during 2006/2008, 2008-2012, 2012-2016 CBAs which earned them in excess of 30% increment across board.

**c) Development of Programs / Projects.**

1. As a chairman of New Programs in the Department of Zoology at Kenyatta University (1996-2001), I played a central role in developing the Masters Program in Public Health and Epidemiology (MPHE), which culminated in development of the Centre for Complementary Medicine (CCMB) at KU. This has since graduated into the School of Health Sciences at Kenyatta University. I have also developed a short diagnostic Diploma course in Medical Parasitology, and eventually college of medicine and health science in KU. I chaired a committee which worked on a proposal for funding of the MPHE / CCMB submitted to CDC Atlanta (USA) and JICA (Japan). The proposal was accepted and both Organizations funded the construction of a full – fledged hospital in KU.
2. I am currently developing three Masters and PhD Programs in Medical Entomology, Agricultural Entomology and Parasitology for the Department of Biological Sciences of MMUST.
3. 2022 Won University Research Fund (URF) of MMUST, Work, Four Hundred and Fifty Ksh 450,000/=) vide Ret. MMU/CORD: 400005(504) dated 21 January 2021.

**Countries Visited**

- |             |                         |              |            |
|-------------|-------------------------|--------------|------------|
| 1. Britain. | 5. United Arab Emirates | 9. Japan     | 13. Egypt. |
| 2. Italy    | 6. Australia            | 10. Tanzania | 14. France |
| 3. Germany  | 7. Thailand             | 11. Sudan    | 15. Canada |
| 4. Greece   | 8. South Africa         | 12. Uganda   |            |

**HOBBY**

Athletics, Football and Reading Science Journals.