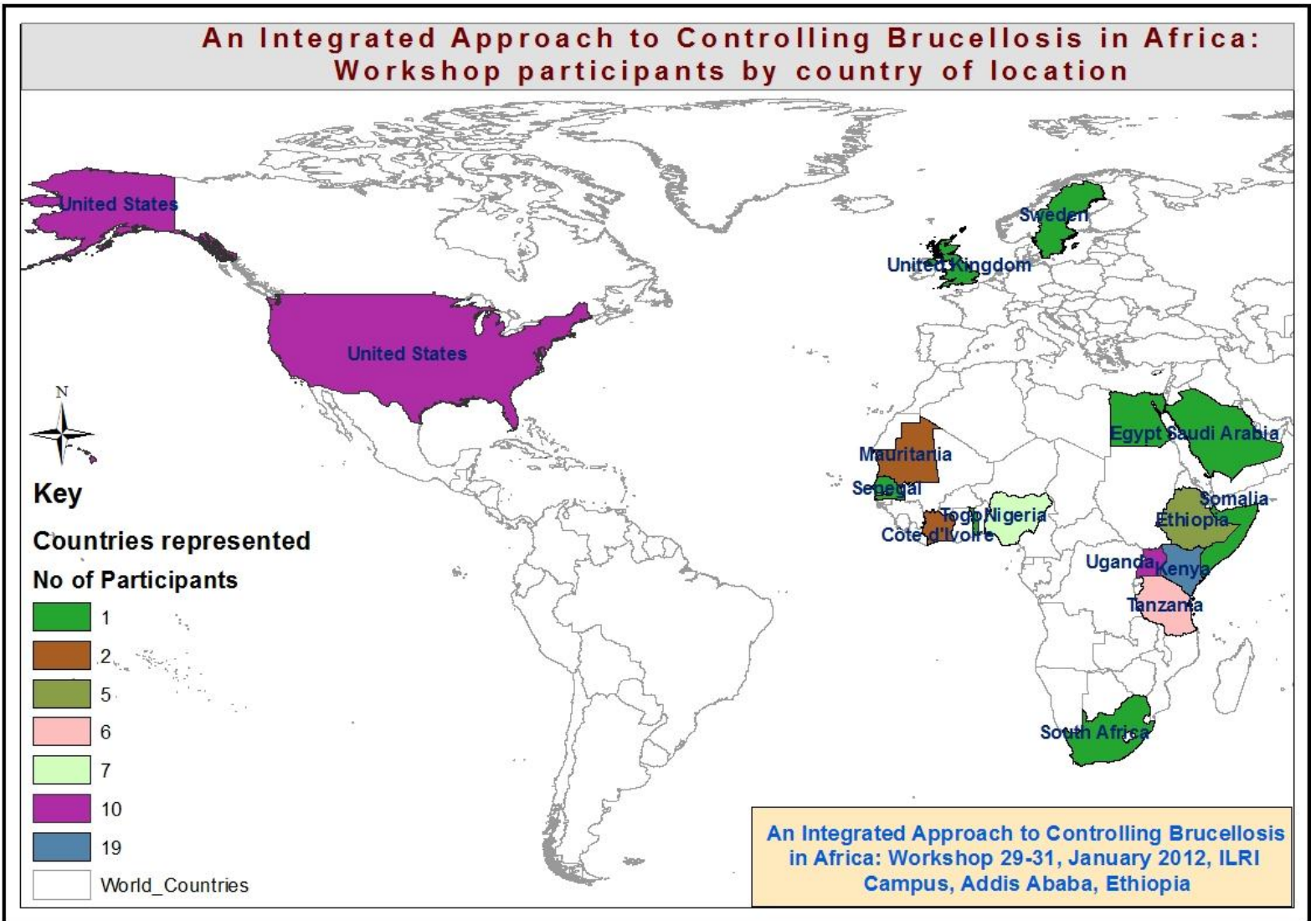


An Integrated Approach to Controlling Brucellosis in Africa

Workshop Participants



Biographies

1. Dr. Bassirou Bonfoh



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Bassirou Bonfoh is a Togolese veterinarian and holds a DVM and a PhD in biology. He worked for 5 years in West Africa as livestock development program coordinator with *Vétérinaires Sans Frontières*. He went for a 4 years epidemiology postdoctoral fellowship at Swiss Federal Institute of Technology Zurich (ETHZ) and Swiss Tropical and Public Health Institute (Swiss TPH) on health risks and determinants of dairy sector development. He led later a 4 years a research group on "Avenues of extensive pastoral production system" in the Horn Africa, West Africa and Central Asia in the framework of the NCCR North-South where he contributed to validate the One Health concept on zoonosis control (e.g. brucellosis in Kyrgyzstan). He is Professor in epidemiology and since 2009, Managing Director of *Centre Suisse de Recherches Scientifiques en Côte d'Ivoire (CSRS)*. He is currently the West Africa regional coordinator of the NCCR North-South and the Director of the consortium Afrique One "Ecosystem & Population health: expanding the frontiers in health" funded by the Wellcome Trust. B. Bonfoh is guest lecturer at University of Lomé (Togo), University of Abidjan (Côte d'Ivoire) and at the Pan African veterinary school in Senegal and member of scientific advisory board of several agriculture and health research institutes and initiatives in Africa.

2. Dr. Halid kirunda



Research Officer/Livestock Microbiologist
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Dr. Halid Kirunda is a holder of degree of Bachelor of Veterinary Medicine (BVM) and Master of Veterinary Preventive Medicine (MVPM), both obtained from Makerere University. He also holds a National Diploma in Dairy Science and Technology. From 1997, he worked with the District Local Government of Iganga for 9 nine years. In January 2006, Dr. Kirunda joined National Agricultural Research Organisation (NARO) as a Research Assistant in livestock microbiology stationed at the National Livestock Resources Research Institute (NaLIRRI) where he has served to-date. He is currently a Research Officer and Acting Head, Animal Health Research. Since 2007, he has worked on the epidemiology and diagnostics of *Mycoplasma mycoides mycoides*, Newcastle disease virus and infectious bronchitis virus. In 2011, he was assigned the responsibilities of coordinating a project that is investigating milk-borne zoonoses with a focus on risk factors, isolation and characterisation of *Brucella abortus*, *Mycobacterium bovis* and *Escherichia coli* in small holder dairy farming systems in Uganda. He is also the principal investigator of each of the Peste de Petitis Ruminants virus (PPR) and Avian Influenza virus projects at NaLIRRI. Dr. Kirunda chairs the Biosafety, Biosecurity and Biotechnology committee of NaLIRRI. He is writing his PhD thesis on *Epidemiology and Characterisation of Influenza A Viruses in Poultry, Swine and Wild Birds in Uganda*. Among other things, he is currently involved in upgrading the existing Virology and Bacteriology laboratories to BSL-2+ and improving biosafety and biosecurity systems for better and safe research in zoonotic pathogens in animals at NaLIRRI.

3. Dr. Tariku Jibat Beyene



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Dr. Tariku Jibat Beyene obtained his Doctor of Veterinary Medicine (DVM) and Masters in International animal health with specialization of Transboundary Animal Disease Management degrees from Addis Ababa University (Ethiopia) in 2006 and Freie university of Berlin (Germany) in 2011 respectively. Following graduation from Veterinary College, Dr. Tariku joined university of Gonder (Ethiopia) as lecturer. In 2007, he moved to Addis Ababa University Faculty of Veterinary Medicine and worked as staff. In 2011, he joined Tufts University/ Feinstein International Center Addis Ababa regional office as internship research student where he did research on Livelihoods Impact and Vaccination Economics of Foot and Mouth Diseases in Southern Ethiopia pastoral setting using participatory epidemiology, economic modeling and meta-analysis techniques. In addition, he has also good skill in molecular laboratory techniques and statistical analysis. Since 2006, he is actively involving on teaching animal production and disease control courses. He also mentors undergraduate and graduate student's research projects on animal and zoonotic diseases epidemiology, prevention and control including brucellosis. Dr. Tariku also involves in numerous professional associations and research partners including Participatory Epidemiology Network for Animal and Public Health (PENAPH) and Global Alliance for Rabies Control (GARC). He also would like to collaborate with other partners for further education and research in the area of animal and zoonotic diseases.

4. Dr. Sylvia Baluka Angubua



**Assistant Lecturer, College of Veterinary Medicine, Animal Resources & Biosecurity,
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Dr. Sylvia completed a Bachelor of Veterinary Medicine from Makerere University in 1998. Upon completion she joined the Animal Breeding Centre, Entebbe, Uganda for specialized training in artificial insemination and registered as an artificial inseminator in 1998. Had a short stint in private practice as a general veterinary practitioner and inseminator in Kyengera and Wakiso peri-urban centers in Wakiso district with mentoring from Dr. Mubiru Jackson and Dr. Ssemambo Daniel, Executive Director of the Animal Breeding Center. Major roles were in artificial insemination and pregnancy diagnosis which brought me closer to Brucellosis when I got sick and medical doctors highly suspected brucellosis due to occupational hazards. My veterinary field practice was interrupted by pregnancy related complications that compelled me to switch to a veterinary representative at the beginning of 2000 for a private Vet Pharmacy until early 2002 when I left for post-graduate studies, community voluntary work and full-time mothering. Sylvia obtained a first class Post-graduate Diploma in Human Resource Management of Uganda Management Institute in 2002 and MBA-Marketing from Makerere University Business School in 2006. Sylvia returned to the academia as a part-time lecturer and later full-time lecturer in the department of Veterinary Public Health in 2004 and 2008 respectively. Brucellosis is a priority disease in Vet Public Health. Sylvia is a PhD Fellow at Makerere University and International Livestock Research Institute (ILRI), Nairobi, completing the thesis in Animal Health Economics this December and hopefully the Online MSc. Food Safety at Michigan State University in the Fall Semester 2013 (subject to availability of tuition for the remaining courses). Sylvia has attended a number of professional and skills development courses. Sylvia has attended and presented oral papers and posters at International conferences in South Africa, Ethiopia, Kenya, Tanzania, Germany and USA. Over the years, Sylvia has gained liaison, collaboration, teamwork, result oriented management, good interpersonal relations, timeliness and cross-cultural management attributes. At the community level, Sylvia would like to be remembered as a servant leader, the posture that brought me closer to Brucellosis again in 2011 when I echoed concerns from Veterinary and Medical practitioners in Kween and Kapchorwa districts to a wider forum of Brucellosis key stakeholders.

5. Dr. Peter Mbatha



**Senior assistant Director and Head of Bacteriology laboratory,
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Dr. Mbatha graduated from the University of Nairobi in 1990 with a Bachelor of Veterinary Medicine. He then joined Egerton University as a tutorial fellow in the faculty of Science. In 1994, he was employed as an investigation officer in Central Veterinary Laboratories, Kabete under the Ministry of Livestock Development. He has risen through the ranks and is currently a senior assistant Director of Veterinary Services and head of Bacteriology laboratory. In 2004, he acquired a Master of Science degree (immunology) from Kenyatta University. As head of Bacteriology, his duties include diagnosis of bacterial and fungal diseases that affect livestock. There are several brucellosis surveillance and control programmes in Kenya and Bacteriology laboratory headed by Dr. Mbatha is the main lab that is involved in serological diagnosis. He is also a member of several committees in the Ministry of Livestock and Public Health that deals with brucellosis. He has been a team leader in several field sampling activities involving both brucellosis and bovine tuberculosis. Dr. Mbatha is also a part time lecturer in immunology at Kenyatta university in the Department of Zoological Sciences where he teaches animal health students.

6. Dr. Eric Ogola



**Deputy Branch Chief,
Integrated Human-Animal Health Program,
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Dr Eric Ogola, BVM, MPHc works with the Kenya Medical Research Institute. He has been at KEMRI/CDC for the last four years as Study Coordinator and Research Officer. Dr Ogola is a disease detective at the human-animal interface. He is currently deployed as the deputy branch chief for the Integrated Human-Animal Health Program (IHAP), a “one- health” initiative by the US Centers for Disease Control and Prevention (CDC). He earned his veterinary degree from the University of Nairobi in 1995 and is a registered veterinary surgeon by the Kenya Veterinary Board. He is due to complete his MPH at the Makerere University School of Public Health and his project is on the sero-prevalence and risk factors for Brucellosis in human and animals from selected districts in Kenya. Prior to coming to KEMRI/CDC, he served for ten years as a veterinary extension services manager for a leading milk processing company in Kenya. Brucellosis is one of the diseases whose mode of transmission is through consumption of unpasteurized milk. Current research interests at IHAHP include emerging zoonoses such as Brucellosis, Influenza and Bioterrorism (*Coxiella burnetii*, a class B agent and *Brucella*) among others.

7. Dr. Wilson J. Bertu



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Dr. Bertu obtained the Doctor of Veterinary Medicine (DVM) degree from the Ahmadu Bello University (ABU), Zaria, Kaduna state, Nigeria. Following graduation he, participated in the mandatory one year National Youth Service Corps (NYSC) at the Federal Department of Livestock and Pest Control services, Federal Ministry of Agriculture, Headquarters, Abuja. Dr. Bertu then moved to Plateau state, Jos, Nigeria and worked in a private Veterinary clinic as a veterinary Surgeon and Clinician. In 1997, he moved to Junaz LTD, an agro-allied company in Jos, as Branch Manager. Dr. Bertu joined the services of the National Veterinary Research Institute, Vom, Plateau state in 2001 as a veterinary Research Officer. He was posted to Bacterial Research Division where he started working in the Brucella section of the Division and continued his research in Brucellosis. While there he was promoted to the position of Senior Veterinary Research Officer in 2003. He obtained his M.Sc from Ahmadu Bello University, in 2009 and his research work was on seroepidemiology of brucellosis in sheep and goats. He became Principal Veterinary Research Officer in 2009. The same year, he became the sectional head, Brucellosis Research, Bacterial Research Division, National Veterinary Research Institute, Vom. Dr. Bertu enrolled for his Ph.D at the Ahmadu Bello University, Zaria and continued his research in Brucellosis and is currently at the final stage of his Ph.D Research. Dr. Bertu has attended various conferences, workshops and trainings both in and outside Nigeria.

8. Dr. Stephen M. Gathogo



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Dr. Gathogo obtained his bachelor in Veterinary Medicine and Masters in Applied Microbiology from the University of Nairobi. Upon graduation with a bachelor's degree in 1992, he briefly worked as a research assistant with a non-governmental organization, Farm Africa in 1993. In 1994, he joined the public service and was posted as the officer in charge of Veterinary Public Health in Kirinyaga district, Central Kenya where he worked until 2004. Dr. Gathogo was then transferred to Meat training Institute, Athi River, Kenya where he taught Meat inspection and grading courses. In November 2008, he enrolled for a master's degree course at the Faculty of Veterinary Medicine, University of Nairobi and obtained masters' degree in applied microbiology (Bacteriology option). In his masters' project, Dr. Gathogo researched on bovine tuberculosis in slaughter cattle where he isolated and characterised the *Mycobacteria* isolates. In 2011, he was transferred to Central Veterinary Laboratories, Kabete. He deputises the officer in charge of Bacteriology section. He is in charge of biosecurity and biosafety in bacteriology laboratory. Dr. Gathogo is a trainee in biorisk management, a course being offered by Sandia National Laboratories, US. He is currently involved in a collaborative brucellosis research in humans, cattle, sheep, goats and camels with CDC and the ministry of Public Health and Sanitation. He is also collaborating with Kenya Agricultural Research Institute in a three year research project in milk borne zoonoses with special emphasis in brucellosis and bovine tuberculosis.

9. Dr. Daniel P Mdetele



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Dr. Daniel Mdetele is a veterinary surgeon obtained his Veterinary Medicine degrees from the Sokoine University of Agriculture in July 2005. Following graduation from Veterinary School, practiced in Southern highland regions of Tanzania as a private veterinarian. In July 2007 was employed by Ministry of Livestock development and fisheries as Veterinary officer for lake zone Veterinary Investigation Centre, working in zonal Diagnostic Veterinary laboratory and Epidemiology unit. However while working managed to get masters of Philosophy from Sokoine University of Agriculture and attended short courses regarding laboratory management and epidemiology unit management in Malawi and Kenya respectively. I have been leading livestock disease surveillance team for the past five years at the Veterinary Investigation Centre. Among the disease which we have been monitoring closely is Brucellosis and CBPP. Brucellosis screening has been a continuous process in our Centre especially in the Livestock Multiplication units, National ranches, parastatal farms, Individual farms, research projects also some NGO's projects are working with my Laboratory unit for testing the samples. Apart from my key responsibilities in the Investigation Centre also I have been supervising practical field students and farmers training

10. Dr. Waleed S. Abd El-Latif



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Waleed obtained his Bachelor in Veterinary Science and Doctor of Veterinary Medicine degrees from the University of Cairo, 1994. Following graduation from Veterinary College, Waleed practiced in Cairo at Veterinary Serum and Vaccine Research institute (VSVRI). He worked in Veterinary Serum and Vaccine Research institute (VSVRI) as veterinarian and specialized in bacterial vaccines and antigens (1995-1998). Then he moved to work in Central Laboratory for Evaluation of Veterinary Biologics (CLEVB) since 1998 till now as veterinarian and specialized in evaluation of bacterial vaccines and antigenes. He obtained master degree (2000) and Ph.D. (2007) in microbiology. He has some researches in microbiology (especially brucella). He spent a time (for training) at CITA institute (Zargoza, Spain) under supervision of Prof. Dr. J.M. Blasco (2008). He worked in quarantine laboratory in Somalia (Berbera and Bosaso) (2009). His title now is assistant Professor.

11. Dr. Hazem Sayed Soliman Saleh



Researcher in Dep. of Brucellosis, Animal Health Research Institute

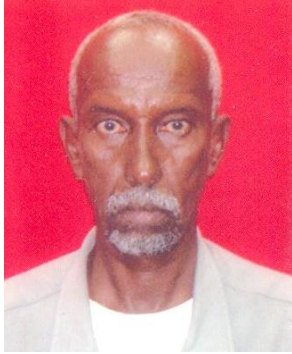
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Dr Hazem graduated with B.V.Sc, from Faculty of Veterinary Medicine, Cairo University, in 1994. He has post-graduate Diploma in "Diseases of farm animals" obtained in 1998. He proceeded to do M.V.Sc. at Faculty of Vet. Med, Beni-Suef, Cairo University, 2002 and did Field and Immunological Studies On Brucella Abortus Strain Rb51 Vaccine In Cattle. (Infectious Diseases Dept.). He has a Ph.D in Vet. Sc. Also from the Faculty of Vet. Med, Beni-Suef University, 2006. The project was titled "Comparative Study On Some Vaccines Used For Control Of Brucellosis In Egypt". (Infectious Diseases Dept.).

Experience: Work in diagnosis and isolation of brucella micro-organism all over Egypt Governorates in Animal Health Research Institute since 1995 till now. Pass training course of brucellosis diagnosis (Mzcc/WHO) in Syria 2004. Laboratory diagnosis of Brucellosis in Veterinarian quarantine in Djibouti 2006. Laboratory diagnosis of Brucellosis and management of sheep in Ethiopia 2007. Laboratory diagnosis of Brucellosis and management of sheep in Somaliland 2007. Laboratory diagnosis of Brucellosis and management of sheep in Djibouti 2007. Laboratory diagnosis of Brucellosis and management of sheep in Georgia 2009. Laboratory diagnosis of Brucellosis and management of sheep in Somali land 2010., Laboratory diagnosis of Brucellosis and management of sheep in Somali land 2011. Animal inspection & slaughter and meat inspection in India 2011, Laboratory diagnosis of Brucellosis and management of sheep in Somali land 2012. Training of Veterinarians on serological diagnosis, Bacteriological isolation of Brucella, control and eradication program applied in Egypt to prevent spread of infection.

12. Dr. Abdisalam Warsame Mohamed



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Dr. Warsame graduated from Somali National University on 26/5/1982 and conferred LAUREA (Bachelor) in Veterinary medicine, Certificate on January 2-September 30 ,1988 of international center of agriculture recourse development at Colorado State University for a Certificate in Veterinary Medicine in large animal diseases. In 1982-86 I worked in the field of veterinary services in GTZ Kismayo Laboratory, in 1987 worked as a Regional field veterinarian in the livestock marketing and health project and all animal health and export quarantine station activities.

Since 1989, I have been working at the control areas of Brucellosis especially in Somali ports Mogadishu, Kismayo and Bosaso, where my responsibility is to insure that the exported animals are free from Brucellosis.

13. Dr. Greg Simpson



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(Not attending)

Dr Simpson obtained his Bachelor of Veterinary Science at the University of Pretoria in 1998. He then practiced as a clinical small and large animal veterinarian for a few years in the United Kingdom (UK) and South Africa. He did a survey of the veterinary services in Kyrgyzstan in 2000 for an international non-governmental organization, which alerted him to the importance brucellosis in developing countries. In 2001 he managed a team mapping with geographical software a section of the foot and mouth in the UK. With an interest in development work sparked he studied a Masters in Public Health in Developing Countries at the London School of Hygiene and Tropical Medicine in 2002-2003. His research in 2007 in the Limpopo National Park on the public health implications of living in a national park further increased his interest in brucellosis. When he started his post as a lecturer for the University of Pretoria in the Mnisi Community Programme training veterinary students in this resource limited setting, he started a study into the prevalence and success of brucellosis control in a community bordering the Kruger National Park. The study has involved prevalence and detection studies in cattle, goats and dogs as well as an in-situ strain 19 vaccination trial.

14. Dr. Tujuba Jergefa Oncho



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Dr. Tujuba Jergefa obtained Doctor of Veterinary Medicine degrees from Addis Ababa University in Ethiopia. After graduation from college of Veterinary Medicine and Agriculture I served as District Veterinary Clinician in South Western Ethiopia for four years, then as a team leader of District Veterinary staff for two years in Holata District in Central Oromia/Ethiopia. Then I was transferred to Oromia Regional State Agricultural Bureau and worked as a Senior Field Service Veterinarian and Privatization Officer. Then after I studied MVSc at Addis Ababa University in Tropical Veterinary Epidemiology. I worked on my MVSc Research on the Epidemiology of bovine Brucellosis in three selected Agroecologies of Central Oromia/ Ethiopia. After my MVSc graduation I was assigned as a Senior Veterinarian to coordinate the control of Infectious Diseases of livestock in Oromia Regional State in Ethiopia and worked for two years in this position until 2008.

From 2008 September until present I am an Instructor of Veterinary Clinical Studies at Wollega University with rank of Assistant professor of Tropical Veterinary Epidemiology. Besides I am also teaching farm animal physiology at under graduate and graduate level.

Currently I am a PhD fellow at Addis Ababa University Department of Animal Production and Health. My interest at present to deal with is integrated Animal Health and production problems including livestock production sustainability in Tropical environment of Ethiopia such as Control of Brucellosis in the Boran plateau pastoral areas and other related diseases affecting productivity and public health at large for which I need collaboration work with potential scientists and NGOs from inland and from overseas.

15. Dr. Emmanuel M. Midzi



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Dr Midzi obtained his Bachelor in Veterinary Science degree from the University of Zimbabwe in 1997. Soon after graduation, he was appointed a Resident Veterinarian / Veterinary Teaching Assistant for two years in the Clinical Department of the University of Zimbabwe's Faculty of Veterinary Sciences. In the year 2000, Dr Midzi was appointed as a State Veterinarian in Namibia where he served for eight years. At the end of the year 2008, he enrolled for a Master Degree in Veterinary Public Health at the University of Pretoria in South Africa. Dr Midzi researched contamination of beef offal with heavy metal environmental contaminants (lead and cadmium) in Namibia for his Master degree. At the end of the year 2008, Dr Midzi left Namibia for South Africa, where he was appointed as a State Veterinarian in the Government of the North West Province in 2008. Between 2008 and 2011, he was involved in dairy exports health certification. This involved assuring that dairy herds supplying milk to export processing plants had brucellosis and tuberculosis freedom. When there was brucellosis and tuberculosis infection, he would oversee implementation of control and eradication measures. As from 2011, he started working with beef herds under communal production system, also overseeing implementation of brucellosis control and eradication measures. In August 2012, Dr Midzi has passed his Master degree in Veterinary Public Health with the University of Pretoria and is awaiting graduation in April 2013. He is a member of the Veterinary Public Health Group of South Africa. Dr Midzi has a special interest in import and export risk analysis and modelling. He is currently working on a publication on quantifying the risk of exporting foot and mouth disease virus in deboned beef from South Africa. He is also working on a publication quantifying the risk of brucellosis exposure and infection to workers at rural abattoirs in his current working after. Dr Midzi is involved in veterinary communication and extension in Moses Kotane area of South Africa through public addresses, one-on-one extension and printed veterinary information development.

16. Dr. Charity A. Agada



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Agada obtained her Doctor of Veterinary Medicine degree from the Ahmadu Bello University, Zaria, Nigeria in 1992. Following graduation from the Veterinary School, Agada practised in Kaduna State; she moved to Nasarawa State in 1998 and worked with the Nasarawa State Ministry of Agriculture and Natural Resources, all in Nigeria. While there, she obtained a Masters of Veterinary Public Health (MVPH) degree from the University of Ibadan in 2002. In 2005, she joined the University of Agriculture, Makurdi where she is a member of the college in the Department of Veterinary Public Health and Preventive Medicine. Her current research focus is on Bacterial Zoonoses as well as Food Safety with emphasis on Tuberculosis and Brucellosis. She also teaches undergraduate Veterinary Epidemiology, Biostatistics, Preventive Veterinary Medicine and Zoonoses. She is currently rounding off her Ph.D programme at the University of Ibadan, Nigeria.

17. Gabriel Shirima



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I obtained my Bachelor in Veterinary Medicine and Master in Public Health degrees from Sokoine University of Agriculture, Morogoro Tanzania. Following graduation from the Veterinary College, I worked as Livestock Tutor at Mpwapwa Livestock Training Institute for five years. In 1999 I worked as Research Fellow at Sokoine University under Tuberculosis Project funded by DFID. I obtained my PhD in 2005 at Glasgow University on Epidemiology of Brucellosis in Tanzania. After my PhD I moved to work at Central Veterinary Laboratory. I worked as Senior Veterinary Research officer on bacterial zoonoses specifically Tuberculosis and brucellosis. In 2007 I was promoted to the rank of Principal Veterinary Research Officer, coordinating and advising on matters related to tuberculosis and brucellosis investigations and control. I was involved in several task forces dealing with food safety especially foods of animal origin. Recently I was appointed as Manager for Tanzania Vaccine Institute after pioneering to produce S19 vaccine against bovine brucellosis locally. This was my initiative after my PhD studies and is the vaccine planned to be used in the country.

18. Dr. Obed Malangu Nyasebwa



Zonal Veterinary Centre

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Dr. Nyasebwa obtained his Bachelor degree in Veterinary Medicine (1997) and Master degree in Preventive Veterinary Medicine (2011) from Sokoine University of Agriculture, Tanzania.

After his graduate school he worked for one year as Technical Advisor at Farmchem Ltd. Dare salaam in veterinary pharmaceuticals importation, and thereafter as a Freelance Veterinarian offering diagnostic, treatment and consultation services to smallholder livestock farmers. He was employed by the Ministry of Livestock Development (2003) as a Veterinary Tutor at Livestock Training Institute Mpwapwa, where he instructed various animal health subjects including General and Systemic Pathology, Pharmacology and Therapeutics, Surgery, Reproduction and Obstetrics and Medicine to livestock field officers.

In 2008 he was promoted to Senior Veterinary Officer and performed duty as Zonal Livestock Disease Control and Field Coordinator in central zone of Tanzania, researcher and consultant. He researched in The Epidemiology of Contagious Caprine Pleuro-pneumonia (CCPP) in Central Zone of Tanzania (2011). As a collaborator he researched in Strategies towards Brucellosis Control in Livestock Farms: Experience from National Livestock Research Institute, Mpwapwa, Tanzania (2010, in publication), Enhancing Productivity of Local Chickens through Improved Management in Central Tanzania (2008 – 2010), Improvement of Pig Productivity through Improved Pig Management to Control Abortion and Stillbirths in Dodoma Region in Tanzania (2010). Consultancy activities conducted was the Evaluation of Malaria Control and Rollback Malaria Project under World Vision Tanzania in Kwamtoro, Sanzawa and Mundemu areas in Dodoma, Tanzania (2010).

Currently he is an Officer In-charge of Zonal Veterinary Centre for western zone of Tanzania overseeing among other things the investigation of livestock diseases, disease surveillance, zoo sanitary inspection, coordination of livestock disease control programs and researching.

19. Dr. Getachew Tuli Aburu



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He obtained Doctor of Veterinary Medicine (DVM) from Ukrainian Agricultural academy faculty of veterinary medicine in 1991. Following graduation he served as state veterinarian in Oromia regional state at district level. In 2003 he moved to Alage Agricultural, Technical & vocational education and training college (ATVET) where he taught microbiology, basic anatomy, pathology, pharmacology and infectious diseases as a senior instructor at animal health department.

In 2006 he joined Ethiopian Institute of Agricultural research (EIAR), National Animal Health research Center (NAHRC) which was later shifted to ministry of Agriculture (MoA) as a National Animal Health Diagnostic and Investigation Center (NAHDIC), while he is there he obtained his MSc degree in Tropical and Infectious disease from Addis Ababa university, Aklilu Lemma Institute of pathobiology in 2010. His paper for graduation was entitled "Seroprevalence of Brucellosis in cattle slaughtered at Debre-zeit ELFORA and Municipality Abattoirs and evaluation of the risk of infection in abattoir workers"

Currently he is working as a bacterial serology laboratory coordinator and as well as a researcher and diagnostician. Bacterial serology laboratory designated for the diagnosis of Brucellosis, CBPP, CCPP and some other bacterial diseases. In addition to this he is providing advisory service on brucellosis to MSc and DVM students hosted in our center for their thesis.

20. Dr Mbengue Mbaye



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Dr Mbengue obtained his Bachelor in Biological Sciences and Doctor for animal Microbiology from the University of Dakar. Following graduation from the faculty of Sciences, Dr Mbengue practiced in Dakar at the Department of animal health and Hygiene and also works in the National Laboratory for Research on Animal Diseases at the laboratory for bacteriology and avian pathology as a Bacteriologist, while there, he obtained his PHD (2001) in Microbiology. Dr Mbengue then performed a post – doctoral fellowship at the Department of Microbiology and Ecology of INRA – Clermont Ferrand - Theix st Genes Champanelles in France working in Microbial Ecology.

In 2004, He moved at the university Blaise Pascal in Clermont Ferrand - France where he has got lot of experiences about Anthracis vaccine production.

Dr Mbengue has worked for a long time on Rickettsiales diseases and others priorities diseases including those due to *Brucella abortus bovis*, *Mycoplasma mycoides subsp mycoides SC*, *Bovine tuberculosis*, *Bacillus anthracis* and others.

He became Research Scientist for CAMES (African Institution for Upgrade Studies) since 2010.

At Dakar University He is actively teaching for graduate programs in Microbiology and Biochemistry Courses

He was promoted to the rank of senior scientist in ISRA in 2010. Dr Mbengue is member of International Scientific Societies like SOPATEX (French Society for Exotic Pathology), SOAP (West African Society for Parasitology) , World Cowdriosis Network

21. Dr. Emanuel S. Swai



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Dr. Swai is a graduate from Sokoine University of Agriculture, Tanzania (BVM 1986) and University of Reading, UK (PhD Epidemiology, 2002). His main duties include field veterinarian (15 yrs), teaching, consultancy and the head of zonal veterinary laboratory (6yrs). Following graduation, Dr. Swai work and practiced in large beef ranch as a resident veterinarian where he spent 2 years. He later joined a Dutch-Tanzania bilateral small holder dairy development programme as a project manager. Over the years (12) in this programme he managed to recruit about 3,000 small scale dairy farmers and establish a regional dairy cooperative union which is now supplying milk and milk products in major cities within Tanzania. In 2002 he joined zonal veterinary Investigation centre, where he was responsible for animal disease diagnosis, field surveillance activities and research. His main research interests are: Zoonosis, Epidemiology and risk research. Dr. Swai has managed as Principal investigator, 10 small grant projects, actively participated(as presenter) in more than 20 local and international conferences; and he is the author of more than 45 articles in Peer Reviewed Journals, out which 6 are brucellosis related. He has supervised a number of Masters Degrees and plays a role of external examiner for over five universities within and outside Tanzania. Currently he is affiliated with Bacterial zoonoses project which is jointly executed between human, veterinary and wildlife expert. This research is aiming at determining the prevalence of *Leptospira*, *Coxiella* and *Brucella* spp. and tries to establish how those diseases are linked to human and animal populations in different agro-ecological settings.

22. Dr.Hoona Busingye Kakira J. Jolly



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Dr. Hoona Busingye-Kakira J.Jolly is a graduate of Makerere University where she obtained a Bachelor of Veterinary Medicine degree in 1986 and later obtained a Master of Philosophy degree in Sheep production/ nutrition from Murdoch University, Western Australia in 1994.

She started working in Government in November 1985 as a Veterinary Officer, in the then Ministry of Animal Industry and Fisheries posted to Livestock Experimental Station in Entebbe where her sole responsibility was to control diseases in cattle, pigs and chicken. Key among the diseases controlled was brucellosis in cattle. Later she was transferred to Kampala City Abattoir to supervise ante-mortem and meat inspection operations in 1988

In 1994 upon return from Australia, she was posted to the Ministry Headquarters as an officer responsible for small ruminant production in Department of Animal Production and Marketing Directorate of Animal Resources, Ministry of Agriculture, Animal Industry and Fisheries. Her interaction with goat farmers revealed high abortion rates in goats due to brucellosis as well as brucellosis usually misdiagnosed in human for a long time.

In 2008, she was appointed a Principal Veterinary Officer responsible for Public Health and that is the post she still holds. Her concern since that time has been to bring to Public sector attention and funding domain, some key zoonotic diseases mainly T.B and Brucellosis that are grouped among the diseases to be handled and funded by individual farmers. These diseases as we know are of great public health importance and cause severe economic losses and are debilitating in nature and yet have been neglected for a long time.

Her key responsibility is to provide technical guidance on all issues of Veterinary Public Health at national level and to provide technical guidance and support to Districts so as to facilitate improvement in Meat quality and safety among others.

The duties are:

Formulate and review legislations, regulations and standards for animal products

Plan, supervise and monitor Veterinary Public Health activities in collaboration with the District Veterinary Officers

Work in close relationship with Ministry of Health and Local Governments to ensure that all meat & animal products for human consumption are inspected and passed

23. Dr. Anani Adéniran Bankolé



Head of the meat inspection unit

Direction of Livestock Services

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Dr Bankolé obtained his diploma of Doctor in Veterinary Sciences and Medicine from the Interstate School of Veterinary Sciences and Medicine of Dakar in 2000. After his graduation, he was for 4 years in the same institute in charge, as part-time teacher, of tutorials in biostatistics, veterinary epidemiology and animal health economy at the Unit of Microbiology, Immunology and Infectious Pathology. At the same time, after two years courses and trainings at the Faculty of Medicine of the University Cheikh Anta Diop of Dakar, he was delivered a certificate for special studies in medical and veterinary bacteriology and virology. Dr Bankole got his master's degree in animal health from the Institute of Tropical Medicine in 2005. Then he was recruited as research associate at the International Trypanotolerance Centre (ITC) where he undertook research activities on bovine brucellosis within the framework of a project on infectious zoonoses funded by VLIR-UOS (Belgian University Development and Cooperation). These activities put particular stress on *Brucella* characterization, brucellosis study along the milk chain and the dairy industry stakeholders' sensitization. In 2010 he defended his PhD thesis titled "Bovine brucellosis in The Gambia and Senegal: Risk assessment of human infection from raw milk consumption" at the University of Antwerp. Presently, in his capacity of chief of the unit of meat inspection, Dr Bankole contributes to the animal diseases reporting of the national epidemiological surveillance network.

24. Dr. Edward Ssekawojwa



Acting District Veterinary Officer

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Dr. Edward Ssekawojwa obtained his Bachelor of Veterinary Medicine and Master of Veterinary Preventive Medicine from Makerere University, Kampala Uganda. As part of his Master's studies he carried out research titled "Risk Factors for Brucella Sero-positivity in cattle, goats and humans in Mbarara District". One his main duty in his current position is to control animal diseases including zoonoses like brucellosis. In 2008 he headed a district brucellosis control task force that comprised of the veterinary and health sectors. He is a resource personnel for the brucellosis control working group in the southwestern region of Uganda where the disease is still endemic.

25. Dr. Qwari Bura



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Dr. Qwari Bura obtained his Bachelor of Veterinary Medicines (BVM) from Sokoine University of Agriculture (SUA) year 2005. Following graduation, he practiced in KV Animal Health Clinic, which is located in Morogoro Town -Tanzania from 2005 to 2009 as Veterinary Clinician. From there he was then employed by The Ministry of Livestock and Fisheries Development of Tanzania as a Veterinary Officer (VO) and posted to the Veterinary Investigation Centre (VIC), Mwanza – Tanzania; whereby he was very much involved in Disease Surveillance activities such as Brucellosis screening and Tuberculosis Testing. Then, on August 2012, he was appointed to be an Acting Manager of TVLA-Mwanza where he has continued to put more emphasis on Brucellosis Screening. He has attended a short course in Epidemiology which took place in Lilongwe, Malawi. Furthermore, he is also involved in different Local and International Scientific Conference for example Tanzania Veterinary Association Conference which takes place each year.

26. Dr. Reuben A. Ocholi



**Principal Investigator,
Brucellosis Research Unit,
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Dr. Ocholi obtained his Doctor of Veterinary Medicine degree from the Ahmadu Bello University, Zaria in 1984. Following graduation from Veterinary College, Dr. Ocholi took up employment with the National Veterinary Research Institute (NVRI) as a Veterinary Research Officer in 1985 and posted to the Central Diagnostic Division of the Institute. While there, he proceeded to the Ahmadu Bello University, Zaria where he obtained Masters degree (MSc) in Veterinary Surgery & Medicine in 1991. On his return, he was re-deployed to the Bacterial Research Division of the Institute to head the Brucellosis Research Unit performing research on the epidemiology of animal brucellosis in Nigeria with emphasis on serological diagnosis, and isolation and phenotypic characterization of *Brucella* from livestock. He was also involved in the External Quality Assurance Programme (EQAP) for the use of ELISA in the diagnosis of animal brucellosis organized by the Joint Food and Agriculture Organization (FAO)/International Atomic Energy Agency (IAEA) Programme for Nuclear Techniques in Food and Agriculture for the diagnosis of animal diseases. Dr. Ocholi returned to the Ahmadu Bello University, Zaria where he obtained a PhD in 2005 in Veterinary Public Health with emphasis on brucellosis. In 2007 he became the Principal Investigator for the Brucellosis and Tuberculosis Research Programmes of the European Union-funded Integrated Control of Neglected Zoonoses (ICONZ). Dr. Ocholi was involved in the molecular characterization of *Brucella* isolates from livestock in Nigeria in a collaborative research project with the Department of Microbiology, University of Navarra, Spain. In 2010, Dr. Ocholi became the Director, Quality Assurance (Quality Manager) for the NVRI. While in this position, he still oversee the Research Projects of the Brucellosis Research Unit including the Competitive Agricultural Research Grant Scheme (CARGS) and

the Brucellosis Surveillance Programme both funded by the Agricultural Research Council of Nigeria (ARCN) as the Principal Investigator. Dr. Ocholi is a Member of the Management Board of ICONZ.

27. Dr. Eric M. Fèvre



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Dr Fèvre originally studied biogeography (BSc Biology and Geography Joint Honours) at the University of Bristol, UK, and then studied for a Masters in a Applied Parasitology and Medical Entomology at the Liverpool School of Tropical Medicine (UK). After a period of work on malaria in southeast Asia, he obtained funding for a PhD position in Epidemiology at the Centre for Tropical Veterinary Medicine (CTVM) at the University of Edinburgh. His PhD was mainly focussed on zoonotic Human African Trypanosomiasis in Uganda, which he obtained in 2002. From 2002 to 2006, he held various postdoctoral positions at CTVM and then elsewhere in the University of Edinburgh, studying sleeping sickness, rabies, brucellosis and other zoonoses. These were mainly DFID funded projects. From 2006 to 2009, he was a DEFRA-VTRI funded Epidemiology Research Fellow at the Centre for Infectious Diseases, Edinburgh, working on animal movements and the risk of disease spread in the European Union. In 2009, he became a Wellcome Trust Fellow and started his current research group which focuses on zoonotic diseases at the human-livestock interface (including brucellosis). Most recently, he is leading a large, multicentre project on zoonotic pathogen emergence in urban environments. He is a member of several World Health Organization working groups on neglected zoonotic diseases, is a member of the WHO Expert Committee on Human African Trypanosomiasis and is a member of the WHO Foodborne Disease Burden Epidemiology Reference Group (FERG).

28. Dr. David O.Ojigo



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Dr. Ojigo obtained his Bachelor in Veterinary Science and Master's degrees in Veterinary Epidemiology and Economics from the University of Nairobi. Following graduation from Veterinary College, Dr. Ojigo went into private practice Nakuru District in Kenya. He later joined the Ministry of livestock development and worked as division veterinary officer, Kisii District. He moved to Athi River and worked in the Meat training institute as a lecturer. He participated in training in of 360 meat inspectors and graders .While there he obtained a Post graduated diploma in education PGDE(1998) and a Master's degree Msc(2009) in Veterinary Epidemiology. He performed research on Socio economic factors and risks associated with dairy farming in urban and peri urban areas of Nairobi. In the research, Brucellosis was one of the studied diseases. He moved to the Epidemiology and Economics Unit, Kabete where he was a member of the Pan African Campaign for the Eradication of Rinderpest (PACE) project. He performed the design of epidemiological surveys, suspected disease outbreak investigation and briefing of field teams. The teams were undertaking research on Rift valley fever, Rinderpest and Avian influenza. He trained in Participatory Epidemiology and Participatory Disease Search where he became a trainer of trainers for the Department of veterinary services. He mentored 40 officers. He was the project epidemiologist for the FAO early detection, prevention and control on HPAI in Kenya. He later headed a pilot study to integrate mobile devices in surveillance, reporting and information management in veterinary services. He was promoted to assistant director of veterinary services and in that capacity he is involved in development of continuous professional development program in conjunction with Kenya Veterinary Association (KVA) and the Animal Health and Industry Training Institute (AHITI) Kabete. He is currently registered for his Ph.D at the Jomo Kenyatta University College of Agriculture. In that capacity he teaches undergraduates students. He is reviewing the surveillance and reporting of events in the livestock sector and integrating mobile devices and molecular epidemiology.

29. Dr. Bernard Erima,



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Dr. Bernard Erima, is a medical doctor who has specialized in medical microbiology. He holds a bachelor of medicine and bachelor of surgery (M.B.Ch.B); and Master of Medicine in Medical microbiology (M. Med. Microbiology) all from Makerere University. Upon completion of MBChB, Bernard worked at Mulago national referral and teaching hospital for one year as an intern medical doctor. There after he worked as medical officer at Moyo District hospital for two years. He is registered with Uganda Medical and Dental practitioners' council and still in part time medical practice. While pursuing the master of medicine in Medical microbiology, Bernard worked in the department medical microbiology laboratory. On completion of his masters, he continued to volunteer as a clinical microbiologist and was engaged in the teaching of undergraduate medical students. He worked at Makerere University Infectious Disease Institute, on the laboratory training program for before moving onto work with Makerere University Walter Reed Project Emerging infectious Diseases laboratory (MUWRP-EID Lab) as laboratory manager.

MUWRP – EID Laboratory is involved in surveillance of infectious diseases of public health importance and research. Some of the projects being undertaken at this laboratory include; influenza surveillance, Studies on New castles virus, Surveillance of antimicrobial resistance in clinical samples, surveillance of antimicrobial resistance in isolates from samples of animal origin, testing for viral pathogens in animal samples for USAID-PREDICT and Mountain Gorilla Veterinary Project. Bernard is still involved in teaching and supervision of student at Makerere University and is a visiting lecturer at the faculty of medicine Gulu University.

30. Dr. Adamu Abubakar Yerima

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Dr. Yerima was born on February 14, 1975 in Potiskum, Nigeria. He obtained his Doctor of Veterinary Medicine degree from University of Maiduguri in 2001 before joining the services of Yobe state government Ministry of Animal Resources and Fisheries and served as Area Veterinary Officer. He then proceeded to Department of Livestock and Pest Control Services in August 2003 as Veterinary Officer serving in VPH division where he works in abattoir in Kaduna for 2 years, then NADIS/Epidemiology as Epidemiology/Database Officer. He joined Universiti Putra Malaysia in 2009 where he obtained his MVSc. Epidemiology in 2012. His study programme focused on Environmental Sustainability and Efficacy of Commonly Used Disinfectants on Vancomycin-resistant Enterococci Isolates from Chickens and Human. On return from his studies abroad, he re-joined the VPH division where he is currently a Senior Veterinary Officer. His main research/policy interest is in area of zoonoses with special emphasis on Brucellosis and Tuberculosis.

31. Dr Bameka Ronald



District veterinary officer
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Dr. Bameka Ronald obtained his Bachelor in Veterinary Science from Makerere University. Following his graduation from the Veterinary College, Dr. Bameka practiced in Mbarara District and later moved to Kiruhura District where he worked in Different localities confronting different challenges and formulating solutions especially in Disease control and livestock Management.

He worked in the District Diagnostic Laboratory at Kazo as a veterinary supervisor. In that capacity in collaboration with Makerere University and Mbarara University of Science and technology He carried out research on brucella and brucellosis both in Livestock and Human Beings.

In 2011 He was promoted to senior veterinary officer and later become the District Veterinary Officer, He Demonstrated ability to perform both major and minor surgeries in a professional and efficient manner, Supervise personnel assigned to manage livestock Farms, Formulating Disease Control Strategies , Advising animal owners about Disease control measures and general care to promote health of animals. Participate in collection analysis updating of Disease outbreak information, Disease tracking Activities, Carry out diagnostic tests. Vaccinations and Immunization of animals against different forms of disease. Control Zoonosis by inspecting all livestock products to be consumed by human beings, Develop policies and procedures used in livestock management, Maintained records, reports and certificates in compliance with current legislation. Marketing of Livestock and Livestock Products.

Dr. Bameka is involved in numerous interagency committees in the region

32. Dr William Mwebembezi,



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Dr. W. Mwebembezi obtained a bachelors degree of Makerere University school of Veterinary Medicine in 1988. he proceeded to his home area in south western Uganda popularly known as the land of milk owing to its high livestock numbers kept in comparison with other regions in the country. he was affiliated to experienced practicing vets in the region who mentored and exposed him to major clinical cases. 1992 he was appointed into public service as Veterinary Officer responsible for a county with over 80,000 heads of cattle and other livestock. 1994 he won the first prize for best extension officer in the District. 1995 he transferred to the district head office and took charge of the biggest veterinary laboratory in the region. he attended a number of post graduate trainings in animal health and production in and outside Uganda including Egypt and Kenya. he has participated in research projects and assisted over 20 diploma and undergraduate students in industrial trainings. he is a co author in a number of publications. He got a master of Science degree from Mbarara University of Science and Technology where he investigated brucellosis in cattle production systems around Lake Mburo National park. He initiated and championed the screening exercise of livestock for brucellosis before they are supplied to beneficiary farmers under the National Agricultural Advisory Services (NAADS), programme. on average over 2500 goats have been screened annually for the previous 3 years under his supervision. the rates noted are worth talking about. the task at hand is trying to expand the innovation to other districts as well as finding appropriate solution to rejected positive cases, while taking care of the brucella free cases that are distributed to farmers. from his findings market sourcing of breeding stock seem to be more risky than purchasing from farms. Dr William is eager to share experiences with colleagues and if possible derive some answers to fill the existing gaps in the control of brucellosis in growing economies.

33. Dr. Andrew A. Clark

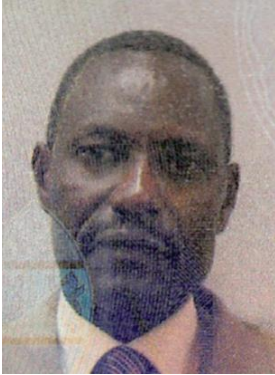


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Dr. Clark received his B.S. (1962) and D.V.M. (1964) degrees from Michigan State University in the United States. He entered the U.S. Peace Corps in 1964 and worked as a Veterinary Officer in Tanzania for 9 years. He then returned to the U.S. to the state of Oregon where he worked for 5 years as a State Field Veterinarian for the Oregon Department of Agriculture. Brucellosis was still an active disease at that time and Dr. Clark worked extensively in the Cooperative State-Federal Brucellosis Eradication program. He returned to East Africa in 1978 with an NGO and work for seven years in an agriculture development role dealing with food supply stabilization, after which he returned to the U.S. and eventually became the State Veterinarian (CVO) of Oregon. This job involves being in charge of all the disease control programs in the state, primarily brucellosis and tuberculosis, and a large variety of other involvements. Dr. Clark worked in Oregon for 22 years in total, much of that time involved with brucellosis control both as a fieldwork veterinarian and as program manager.

After retirement in 2004, Dr. Clark returned to Africa working in Egypt as USDA specialist for Highly Pathogenic Avian Influenza (HPAI) and then again in East Africa with USAID funded programs. Presently he is primarily involved with the Standard Methods and Procedures in Animal Health (SMP-AH) project, a USAID funded project being implemented by the African Union – Interafrican Bureau for Animal Resources (AU-IBAR). The SMP-AH project is designed to work closely with Chief Veterinary Officers (CVOs) and Departments of Veterinary Services to harmonize veterinary programs of the nations of the IGAD Regional Economic Community for control of ten Transboundary Animal Diseases that are related to trade, especially the tradestock going to the Arabian Peninsula and Middle East. Brucellosis is the disease identified by the CVOs as priority #1 for the SMP project, so this workshop is very timely and well placed.

34. Dr. Murithi Rees Mbabu



Dr. Murithi Rees Mbabu graduated from the University of Nairobi in 1981 with the bachelor of veterinary medicine upon which he was employed by the Ministry of Livestock Development as a field veterinary officer. He later was deployed in the laboratory and research division of the Department of Veterinary Services (DVS) in the same Ministry where he worked diligently and rose through the ranks to become a Deputy Director of Veterinary Services. He had worked in several Veterinary Investigation laboratories in Kenya before joining the Veterinary and Epidemiology Unit in the DVS. Dr. Murithi Rees Mbabu has a Masters degree in Tropical Veterinary Science from the University of Edinburgh. He further obtained a Certificate in Veterinary Epidemiology and Disease Surveillance from the University of Nairobi, and is also a holder of the graduate certificate in Emerging Infectious Disease Epidemiology from the University of Iowa. He is the head of the Veterinary Epidemiology and Economics Unit (VEEU) in the department of veterinary services, Kenya. In his working life in the DVS, he has been involved in surveillance, diagnosis and other control activities for brucellosis in Kenya. He is one of the founder members of Zoonotic Disease Unit (ZDU) in Kenya that has coordinated a brucellosis sero-prevalence survey in three counties in the country. He was part of the team that designed and planned the brucellosis sero-surveillance. The veterinary epidemiologist deployed to the ZDU reports to the DVS through VEEU that he heads. The ZDU is nested between the ministries of Livestock Development and Public Health and Sanitation with the main function of coordinating collaborations and communication in the animal and human health sectors.

35. Dr. James Olaniyi Olabode, Bale

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(Not attending)

Professor James Olaniyi Olabode Bale was born on 20th July, 1948. He grew up as a young boy in Lagos but attended St. John (now Rimi) College, Kaduna, Nigeria. He later obtained the following degrees: B.Sc. (Hons., 1975) Medical Microbiology (Ahmadu Bello University, Zaria); M.Sc. Microbiology (ABU., Zaria/University of Reading, Berkshire, U.K, 1980); PhD Microbiology/Immunology (University of Dundee, Ninewells Teaching Hospital and Medical School, Dundee, Scotland, 1985); MBA (ABU., 1996). From February to March 1977 he was attached to National Veterinary Research Institute, Vom, working in Brucellosis Research Laboratory under the supervision of Dr. Ezekiel N. Eze. From there he moved to University of Ibadan, Department of Veterinary Public Health and Preventive Medicine in April to June 1977 working in Brucellosis Diagnostic Laboratory under the supervision of Professor Gabriel O. Esuruoso. Under the Senior Inter-University Fellowship, January to August 1979 he proceeded to University of Reading, Berkshire, England where he had the following experiences: (a) Participated in the United Kingdom Nation-wide brucellosis eradication programme; (b) Undergone intensive training in Fertility Recording, Project Appraisal, Veterinary Epidemiology and Computing under the supervisions of Mr. Peter Ellis (Team Leader), Drs. Andrew James and Nicholas Putt of Veterinary Epidemiology and Economic Research Unit (VEERU); (c) Brucellosis techniques, cultural isolation, serology, antigen preparation, diagnosis and procedures at Central Veterinary Laboratory, New Haw, Weybridge, Surrey, England under the supervisions of Dr. J.D. Mackinnon, Dr. Michael J. Corbel, Messrs. W.C.S. Read and E.L. Thomas; (d) Veterinary Investigation Centre, Surrey, Weybridge. General Microbiology Techniques with special emphasis on the isolation of abortifacient agents (bacterial protozoan and fungal) and (e) Veterinary Investigation Centre, Gloucester. Methods in Reproductive Microbiology. He was promoted to the rank of Research Professor in 2002 in A.B.U., Zaria. He has over thirty (30) years experience in research into livestock brucellosis, teaching and supervision of undergraduate and graduate students in veterinary pathogenic bacteriology, infectious and abortifacient agents. He also acquired Programme and Institutional leadership and Management experiences as the Head of Unit, Central Laboratory Services (1994-2002; 2009 till date); Programme Leader, Animal Reproduction Research from 2002 to 2009) and Deputy Director (2011 till date) in NAPRI, ABU., Zaria and through specialized workshop training at Administrative Staff College of Nigeria (ASCON), Topo-Badagry, Lagos and Agricultural and Rural Management Training Institute (ARMTI), Ilorin.

36. Dr. Charles K. Njuguna



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Charles is a holder of a master's degree in Community Health and Development from the Great Lakes University, Kenya. His background is in clinical medicine and surgery; he is currently pursuing a PhD in medical epidemiology (since 2009) with the Institute of Tropical Medicine and Infectious Diseases (ITROMID), Jomo Kenyatta University, Kenya. He has done an International Course in Applied Epidemiology (ICAE) in Rollins school of public Health, Emory University Atlanta Georgia, USA. He has undertaken specialized trainings in epidemiology of infectious diseases in the National Institute of Cholera & Enteric Disease (NICED) Kolkata, India. Charles has been working with World Health Organization (WHO), Kenya Country Office since 2006 as the focal person for Integrated Disease Surveillance and Response (IDSR). He has co-authored publications including one on "*Challenges of Establishing the Correct Diagnosis of Outbreaks of Acute Febrile Illnesses in Africa: The Case of a Likely Brucella Outbreak among Nomadic Pastoralists, Northeast Kenya, March–July 2005*". *Am. J. Trop. Med. Hyg.*, 85(5), 2011, pp. 909–912. Charles provided technical support to the Ministry of Health in adaptation of the revised IDSR guidelines and tools which incorporated Brucellosis as a priority disease for surveillance. He is a member of the zoonotic technical working group which is supporting the implementation of One Health (OH) strategic plan under the zoonotic Disease Unit (ZDU), a joint collaboration of the Ministry of Health & Ministry of Livestock. He is currently in the technical team (ZDU, MOH, MOL, CDC and WHO) which is providing technical support for Brucellosis sero-prevalence survey in three counties in Kenya. Charles has a long standing experience (since year 2000) in Communicable Diseases Surveillance and Outbreak Response. He has been involved in investigations of outbreaks caused by Brucellosis, Chikungunya, Meningococcal Meningitis, Cholera, Dysentery, Typhoid, Rift Valley Fever, Leptospirosis, Malaria, Measles and Aflatoxicosis. He was appointed by WHO AFRO and deployed in Sierra Leone (Sept-Oct 2012) as the Cholera Control Command Centre (C4) coordinator after

the outbreak was declared as a public health emergency. Charles is also a WHO consultant in International health regulations (IHR). He has successfully supported the Republic of Kenya, Kingdom of Swaziland and the United Republic of Tanzania in the assessment of existing International Health Regulations (IHR) core capacities.

37. Dr. Moussa Sanogo

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Dr. Moussa graduated as Doctor of Veterinary Medicine at the Agronomic and Veterinary Institute Hassan II of Rabat, Morocco (2003). After graduation, he moved back to his country where he started working as veterinarian in a regional diagnostic laboratory. Being there, he supervised and conducted field investigation during outbreak investigation missions in the framework of the Panafrican campaign for the Control of Epizooties (2004-2006) and also during the bird flu episode (2005) in his country. In 2006, he was selected and funded by the Belgium cooperation and development department to participate to the Tropical Animal health Master program at the Institute of Tropical Health of Antwerp, Belgium. For the master graduation, his dissertation was about the estimation the true prevalence of bovine brucellosis in Ivory Coast using a combination of 4 serological assays. Following this program, he was allowed to register for a sandwich PhD program with the University of Liege, Belgium for more investigations on the epidemiology of bovine brucellosis in Ivory Coast while working in the bacteriology and mycology unit at the Central veterinary laboratory at Bingerville at the same time, since 2008.

38. Dr. Hassan M. Mai

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(Not attending)

Dr. Mai obtained a Doctor of Veterinary Medicine (DVM), Master of Science (MSc) degrees from Ahmadu Bello University, Zaria, Nigeria, and is currently completing his PhD degree from Faculty of Veterinary Science, University of Pretoria, South Africa. Following graduation from the first degree, Dr. Mai was posted to University Farm of the Abubakar Tafawa Balewa University, Bauchi, Nigeria where he was involved in attending to university farm animals- cattle, sheep, goats and poultry, and teaching undergraduate students. In 1997, he obtained an MSc degree in Veterinary Reproduction and Obstetrics (Therigenology). He returned back to the University and continued with teaching and research. He is actively involved in teaching and supervision of both undergraduate and postgraduate students in the Department of Animal Production of the above mentioned University since 1997. Some of the causes taught include reproductive diseases, advanced theriognology, anatomy of neuro-endocrine and reproductive system, veterinary pathology, and animal health and diseases. He was promoted to the rank of senior lecturer in 2003. He was also a state project consultant, Food Supply Programme; management consultant to various cattle farms; member, genetic resources project; and technical aid corps volunteer in the republic of Rwanda. Part of Dr. Mai's PhD programme is epidemiological studies of infectious reproductive diseases of cattle in Nigeria and their effect on reproductive performance. The diseases include brucellosis, campylobacteriosis and trichomonosis. He is currently involved in the serological survey of brucellosis and risk factors associated with the disease in cattle farms under diverse production systems in northern Nigeria. Currently four states of northern Nigeria out of nineteen have already been studied and plans are under way to cover more states and also attempt in isolating and characterizing the *Brucella abortus* strains in Nigeria.

39. Dr. Tim G. Rowan



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Dr Tim Rowan graduated as a veterinary surgeon from the University of Liverpool in 1977. After a short time in practice he returned to Liverpool as an Agricultural Research Council Fellow to undertake his PhD. He then joined the Faculty of Veterinary Science as a lecturer and focused his research on cattle and the effects of husbandry - immunology interactions on respiratory and enteric disease susceptibility. Throughout this time Dr Rowan extended his practice experience through locum tenens, and acted as a consultant to a number of pharmaceutical and contract research organizations. In 1992, he joined Pfizer Animal Health R & D where he held a number of increasingly senior management positions first in Clinical Development and then in Discovery. Dr Rowan has 20 years of experience within the Animal Health Pharmaceutical industry and has over 80 publications in books and journals. He is now Scientific Adviser to GALVmed and to the Wellcome Trust in support of the development of new veterinary medicines and vaccines for incorporation into integrated control programmes targeting some of the major diseases affecting poor livestock farmers in developing countries.

40. Dr. Ulf Magnusson, DVM, PhD, Dipl ECAR



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Dr. Magnusson obtain his DVM-degree at the Swedish University of Agriculture Sciences (SLU) in 1982. He then worked two years in large animal practice at various locations in Sweden. He then returned to SLU, to take on PhD-studies in obstetrics and gynecology. He earned his PhD-degree in 1990 on the immune status of the sow around parturition and then performed a post doctor fellowship at the University of Guelph, Canada working on immune genetics /infections in pigs. He then went back to SLU and held various positions as clinical teacher, research associate, and in management at SLU. His research has mainly dealt with infections related to large animal reproduction. He was promoted to associate professor in clinical immunology in 1994, full professor in reproductive immunology 2003 and in animal reproduction 2006.

With respect to brucellosis, he has served as advisor in a Swedish International Development Agency (Sida)-run project on Brucellosis control in Bosnia Hercegovina and is leader for a project about brucellosis in small scale peri-urban dairy farming in Tajikistan funded by the Swedish Ministry of Foreign Affairs. He is a partner and advisor in a research project on brucellosis in urban/periurban dairy farming in northern Uganda together with colleagues at Makerere University (funded by Sida and the Swedish Ministry of Foreign Affairs). The projects in Tajikistan and Uganda deal with the zoonotic aspects as well as diagnostics of brucella (the latter in cooperation with VLA, Weybridge, UK). He has also participated in a FAO expert-workshop on Brucellosis in Euroasia and the Middle east.

41. Dr. Ayebazibwe Chrisostom



**Senior Veterinary Officer (Diagnostics and Epidemiology),
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Dr. Ayebazibwe Chrisostom holds qualifications in Bachelor of Veterinary Medicine, Master of Veterinary Medicine, Post-graduate Diploma in Project Planning and Management and Doctor of Philosophy. He has strong interest in research and control of epizootic, enzootic, trans-boundary as well as zoonotic diseases and has been widely involved biotechnological research, diagnostics and publications on a number of livestock/wildlife pathogens including; *Peste des petits ruminants virus* (PPRV), *Foot-and-mouth disease virus* (FMDV), *African swine fever virus* (ASFV), Brucellosis, to mention but a few. Currently he oversees collaborative projects on Capripox mediated PPR vaccine and technology for control under endemic settings, Transboundary animal diseases research on FMDV in livestock and wildlife in East Africa and the OIE laboratory twinning project for control of PPR, Blue Tongue and Goat/sheep pox. Since 1998, he served in various capacities as a Veterinarian with a wide range of responsibilities ranging from community level practice, district administration, national administration and international level project implementation. Dr. Ayebazibwe is central in gathering epidemiological information and undertaking surveillance, diagnosis and control of veterinary diseases in Uganda. He is currently involved in upgrading NADDEC from BSL 2 to BSL 3 and hopes to network and develop collaborations for increased research, diagnostics, biosecurity and quality management.

42. Dr. Wondu Mamo Kelbessa



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Wondu obtained his Bachelor in Animal Production and Rangeland Management and Masters in Sciences from Hawassa University. Following graduation I served at Bekoji Agricultural Vocational Education Training College as junior lecturer from August 2002 to March, 2004; while there he moved to Hawassa University he obtained M.Sc. degree in Dairy Sciences on July 2007, since then he worked at Newly established, Wollega University, as lecturer and heading the department of Animal Sciences for two years. Besides, he established the project for the “*Horro Guduro Cattle Breed Improvement Project*” and leads the group to include the ranch under Wollega University. At Wollega University, department of Animal Sciences he has worked as supervisor for students, provide community services and produced research projects in dairy cattle production systems characterization. He taught Animal Breeding and Genetics, Animal nutrition and rangeland management for school of veterinary students, and taught additional course for Plant Sciences, environmental sciences, irrigation engineering department students. Currently, he is PhD student in Tropical Animal Production and Health, were he fished the course work and interested to collaborate with interested partners for my further PhD research, on dairy cattle reproductive problems and improvement option.

43. Dr. Junaidu Usman Abdulkadir



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Dr. Junaidu obtained his Doctor of Veterinary Medicine degree (DVM) Master in Public Health (MPH) and Doctor of Philosophy (PhD) in Veterinary Public Health from Usmanu Danfodiyo University Sokoto, Nigeria. Following graduation, Dr. Junaidu joined the services of Usmanu Danfodiyo University Sokoto as an Assistant lecturer in the Dept. of Public Health and preventive Medicine in 1994, where rose to the rank of an Associate Professor (Reader) in 2008. He was a Head of Dept, Deputy Dean, Director Veterinary Teaching Hospital, Usmanu Danfodiyo University. He was also a one time Commissioner Ministry of Animal Health and Forestry in the Government of Sokoto State, Nigeria. Dr. Junaidu Published over 70 papers in learned Journals and has supervised over 50 undergraduate and over 20 postgraduate (Msc & PhD) Students. He has also presented over 50 conference papers, taught courses and conducted researches in Brucellosis (which he worked on during his PhD and had over 10 publications on it) tuberculosis, Campylobacteriosis, Avian influenza, Drug Residues, Heavy Metals and other Bacterial and Parasitic Zoonoses. He was the team leader for Northwest zone during the outbreak of Avian influenza in Nigeria. He also obtained a certificate in Field and Laboratory Epidemiology from centre for disease control (CDC).

44. Dr. Akakpo Ayayi



(Not attending)

Dr. Akakpo obtained his Bachelor in Veterinary Science and Doctor of Veterinary Medicine degrees from Inter States School of Veterinary Sciences (EISMV) of Dakar. Following graduation, Dr. Akakpo obtained certificates in Bacteriology, Virology and Immunology (1981-1983) at Pasteur Institutes of Paris, PhD (1984) in Microbial Ecology from Claude Bernard University and National Veterinary School of Lyon, France. He began Associate Professor in 1984 and got the Accreditation to Supervise Research (HDR) at Clermont Ferrand II University, France in 1991. Dr. Akakpo then performed a post-doctoral fellowship in diagnostic of brucellosis (Dr Verger) at the INRA laboratory of Tours Nouzilly (1983).

He was a member of Inter States School of Veterinary Sciences (EISMV) of Dakar as a lecturer for 33 years.

Professor Akakpo has conducted several research on bovine and human brucellosis in their topic of epidemiology, diagnosis, nature and characterization of Brucella strains.

He actively mentored the graduate programs of more than 100 students and taught veterinary and graduate microbiology, immunology and infectious animal disease courses.

He was promoted to the rank of Professor in 1988.

Dr Akakpo led expertise and participated in several meetings of animal brucellosis in Africa. He retired from teaching in 2010.

45. Dr. Isselmou Ould Abdatt



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Isselmou Ould Abdatt obtained his Bachelor in Veterinary Science from the Veterinary National Institute (URSS)

Following training courses in the Post University in Pastoral Development in Sahel, UNSO-UNESCO, (Senegal, 1985) and workshop LAB Assurance and Biosecurity, CODA-CERVA, Belgium 2009.

Person in charge project of Management Integrated (Joined) by the east Natural resources Moresque MDRE/DEAR/ GTZ/KFW/VED (1995). Director Regional of the Rural Development, District of Nouakchott (1997)

Reference expert of the Pilier IV of the program Detaille for the development of the Agriculture in Africa From 2004, Deputy Director of Veterinary Laboratory National Centre in Mauritania.

The cattle's serums were taken from the sera bank. All the collected serums are stored at -20°C in the department of virology (CNERV). The blood samples taken from all animals' ages, a total of 3859 sera were collected during several sporadic years in 1998, 2000 and 2005.

The samples were tested for Brucella i-ELISA (SVANOVIR LAB) and Brucella i- ELISA (FAO/IAEA) techniques for the detecting of Brucella antibodies in bovine serum. This year, since we have not the ELISAs reagents, we are using the Brucelloselide test. 391 small's ruminants and 126 cattle's sera have been tested, all negatives.

46. Dr. Oscar Madzingira



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(Not attending)

Dr. Madzingira obtained his Bachelor of Veterinary Science (BVSc) and Master of Philosophy (MPhil) degrees from the University of Zimbabwe. In 1998, he worked as a Research Officer at the Biomedical Research and Training Institute, where he was responsible for animal disease research and the training of farmers in animal production. In 1999, he enrolled for his MPhil studies and carried out a study on parasites of domestic and wild ruminants at the interface. During this study, he had the opportunity to work with and interact with researchers from the Institute of Tropical Medicine (Belgium) and the Royal Veterinary College (University of London). After completing his studies, he took up employment as wildlife veterinarian responsible for wild animal capture and translocation, wildlife research, disease and production management. In 2004, he moved to Namibia to take up employment as a Public Health Veterinarian, a position he currently holds. Among other duties, he is responsible for maintaining a database of brucellosis tested farms in the region and ensuring that investigations and actions are carried out on positive farms. He is currently enrolled for the Master of Medicine (MMedVet) degree in Veterinary Public Health with the University of Pretoria (South Africa) and expects to graduate soon. As part of his thesis, he carried out a study on brucellosis in sheep, goats and springbok (*Antidorcas marsupialis*) at the abattoir and on commercial and communal farms. He hopes to publish his work on brucellosis in the near future.

47. Dr. Farouk Umar Mohammed



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Dr Farouk obtained his Doctor of veterinary medicine degree from Usman Danfodio University Sokoto Nigeria in 1993 and a Masters degree in Veterinary Public health and Preventive medicine in 2006 from Ahmadu Bello University Zaria Nigeria. He is currently a graduate Ph.D Student in the Department of veterinary medicine of the same University. Following his graduation he practiced briefly at Kundila Veterinary clinic in Kano State. He then moved to college of agriculture Danbatta in Kano where he taught diploma students Veterinary microbiology and clinical techniques. His interest in reproduction and brucellosis made him to transfer his service to Jigawa State Research Institute in the year 2000 where he worked with the animal reproduction department He was appointed the State program leader for the project livestock upgrading program using artificial insemination technique in cattle in 2002, where he planned and coordinated inseminations in many small holder dairy farms. He was also the principal investigator on brucellosis survey among pastoralist cattle herds across Jigawa State which involved screening of herds and assessing pastoralist knowledge on brucellosis. He has also worked as a co investigator on tuberculosis research in cattle in collaboration with other researchers from Ahmadu Bello University Zaria. Farouk has actively participated in various projects at Jigawa research institute some of which include evaluation of cactus for feeding cattle in Jigawa and the goat micro credit scheme. Currently he has expanded his research on brucellosis to include isolation and characterization of the organism.

48. Dr. Peninah M Munyua

**Epidemiologist, Integrated human and animal Health program
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Dr Peninah Munyua works as a veterinary epidemiologist with the CDC Kenya Integrated Human and Animal health program focusing on enhancing collaboration between the human health and animal health sectors in Kenya for better prevention and control of zoonotic pathogens and undertaking research on zoonotic pathogens at the animal human interface including brucellosis, influenza and rift valley fever. She is in a lead team involving Kenya Ministry of Public Health, Ministry of Livestock Development and KEMRI CDC that is carrying out brucellosis sero-prevalence study in animals and humans to determine sero-prevalence and associated risk factors in Kenya and in the process of designing a community based active case finding study aimed to determine the incidence and socio-economic impact of brucella infection to households in a high-risk region and identification of species and biovars of brucella involved in the animal and human infections. Her roles include epidemiological guidance in development of the protocols and proposals, designing of studies, implementation, report writing and interpretation of results to policy makers. Previously at CDC-K she has been actively involved in collaborative influenza research and surveillance work in both humans and animals with the Ministry of Livestock Development, Ministry of Public Health and Sanitation in Kenya. She has been instrumental in establishing on-going studies on zoonotic influenza in the country in collaboration with University of Minnesota and funded by the NIH. She has also been involved in various aspects of avian and pandemic influenza preparedness efforts in Kenya and the region particularly Surveillance, capacity building and research. Between 1997-2008, she worked with the Ministry of Livestock and Fisheries in great depth on disease surveillance, prevention and control of the major Transboundary animal diseases in the Horn of Africa. She has a Bachelors degree in Veterinary Medicine (1996) and a Master's degree in Veterinary Epidemiology and Economics (2006) from the University of Nairobi. She is currently undertaking her PHD studies at the same university.

49. Dr. Abdu Amman Hayghaimo



Dr. Abdu Amman Hayghaimo is a veterinarian. He obtained his BVM (Bachelor of Veterinary Medicine) and MVM (Masters of Veterinary medicine from Sokoine University of Agriculture in Morogoro, Tanzania. His MVM Work in veterinary Public Health on was Prevalence of Enterohaemorrhagic Escherichia coli O157:H7 (EHEC) in cattle meat (beef) in Tanzania, the first to be reported. Dr. Abdu also holds a Diploma in Animal health from Liti-Tengeru Institute in Tanzania. He worked in Mtwara region as regional livestock Advisor (RLA) and as a district Agricultural and livestock development officer (DALDO) in Mufindi district council (DC). He also served as DALDO and as Ag district executive director in Morogoro district council.

At the ministry of agriculture and livestock development, Dr. Hayghaimo worked as a regional subject matter specialist (RSMS), as clinician in charge of livestock diseases, Morogoro region and as assistant registrar (VCT), in both Mufindi D.C. and Mvomero D.C.

Dr. Hayghaimo has served at various boards/Institute councils: Veterinary Council of Tanzania (VCT) SUA SCRD, ICE-Mzumbe University (Ex-officio), EX-NAFCO) Dakawa Rice Farms.

He has published and co – authored several scientific papers among others:

1. Prevalence Of Enterohaemorrhagic Escherichia Coli O157:H7 (Ehec) In Cattle Meat (Beef) In Tanzania Tanzania Veterinary Association Proceedings 2003
 2. Community Based Tse tse Control in Tanzania: A Case Study at Kambala Village, Mvomero District. LRRD Publications, Cipav, Colombia (www.lrrd.org) 2005
 3. Improvement of Growth Rates In Calves Through Strategic Control Of Tick Borne Disease In Selected Herds At Kambala Village, Mvomero District, Tanzania Lrrd Publications, Cipav, Colombia Tanzania (www.lrrd.org) March, 2009.
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50. Dr. Eric Osoro



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Dr Osoro obtained his Bachelors' degree in Medicine from Moi University, Kenya. Following graduation he joined the public health service practicing in district hospitals in various parts of the country. He thereafter joined the Field Epidemiology and Laboratory Training Program (FELTP) where he obtained his MSc. in Applied Epidemiology. Dr Osoro then undertook a fellowship in One Health with the African Field Epidemiology Network (AFENET). In 2010, he was appointed provincial epidemiologist in Western Province of Kenya where his responsibilities included coordinating diseases prevention and control activities in the province. He was involved in initiatives bringing together animal and human health professions in the province to address challenges of surveillance of zoonoses as well as the control of rabies in the province. In 2012, Dr Osoro joined the Zoonotic Disease Unit which is the coordinating one health office in the Government of Kenya.

51. Dr. Stella Gaichugi Kiambi



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Dr. Kiambi obtained her Bachelors Degree in Veterinary Medicine from the University of Nairobi, Kenya. Following graduation from Veterinary College, Dr. Kiambi served in the Kenya Veterinary Association where she coordinated various activities including livestock disease control programs, extension services to the farmers and Veterinarians' welfare issues among others. She was later employed by the Government of Kenya within the Ministry of Livestock Development where she served as the head of Serology laboratory within the Central Veterinary Laboratories. While still in service, Dr. Kiambi enrolled at the Jomo Kenyatta University of Science and Technology where she graduated with a Masters' degree in Applied Epidemiology. This was offered through a Public Health scholarship with the Field Epidemiology and Laboratory Training Program (FELTP). During her Msc. training, Dr. Kiambi carried out a brucellosis study for her thesis examination.

In March 2012, she was redeployed to the Kenya's One Health office (Zoonotic Disease Unit) where her main responsibility is in coordination of One Health activities within the country. These are activities geared towards development of approaches to institutionalize One health at all levels in the Country through revision and formulation of One health policy and strategies; collection of Zoonoses data/ information from other sources in the country for analysis and dissemination through technical reports and conduction of regular risk assessment for zoonotic outbreaks. She is also involved in designing and implementation of surveillance activities, research on zoonotic diseases and coordination in development of guidelines/ strategies and contingency plans for zoonotic diseases management and response. Presently, Dr Kiambi is involved in a large brucellosis survey that is looking at the burden of brucellosis in the country and looking into possible strategies to control and counter the impact of the disease.

52. Prof. Arimi Samuel



Prof. Arimi graduated from the University of Nairobi with a Bachelor of Veterinary Medicine in 1976 and was subsequently hired by the university. He joined the young department of Veterinary Public Health, Pharmacology and Toxicology on staff development. In 1977 he undertook a postgraduate course in diagnostic microbiology and mastitis diagnostic procedures at the University of Oslo Veterinary School. He returned to University of Nairobi where he obtained a Masters degree in Dairy microbiology and taught food and milk hygiene. In 1984 he moved to the University of Reading, UK, for further studies where he obtained PhD in Microbiology in 1987, working with campylobacters. He returned to Kenya and resumed his teaching and research duties. He mentored MSc. and PhD students in the faculty in their research work. His interests were drawn to camel under health and causes of abortions, in particular brucellosis in the arid and semi arid northern region of Kenya. In 1994 he received a one year Fulbright scholarship to the University of Vermont, U.S.A., and became a member of the Department of Animal and Food Science and performed research on listeria, including ribotyping. On return he resumed his undergraduate and postgraduate teaching in food hygiene, zoonotic diseases and impact of animal diseases and production management practices on food safety and quality. Professor Arimi has participated in many research projects and supervised graduate students on brucellosis and other studies. Currently he is supervising two MSc students on brucellosis. In 1998- 2002, he was one of the key players in the smallholder dairy project in the high potential dairy areas of Kenya funded by DFID, which looked, among other things, at the risk of transmission of brucellosis and *E. coli* O157:H7 through consumption of raw milk sold to consumers. In appreciation of good team work, he received the Neville Clarke Award for outstanding teamwork in 2002 (Analysis of milk-borne Public Health risks in milk markets in Kenya: ILRI, Nairobi). Professor Arimi is a member of the Kenya Academy of Sciences, Fulbright Scholars alumni, Kenya Veterinary Association and Kenya Veterinary Board. In 2009, he received, from the Kenya Veterinary Board and Kenya Veterinary Association, Veterinary Research Award in recognition of exemplary contribution to veterinary profession and community through outstanding veterinary research. Over the years since 1990, Prof Arimi has been a member of the departmental committee on postgraduate studies, head of the Public Health section of the Department (1994 – 1997, 2008), member of the Faculty Biennial Scientific Conference Organizing Committee (2004 to date) and acting Chairman of the department on many occasions since 1989.

53. Aisha Nasiru Isa



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(Not attending)

Aisha obtained her Doctor of Veterinary Medicine (DVM) degree and Masters of Public health (MPH) - Nigerian Field Epidemiology and Laboratory Training Program (NELTP) from Ahmadu Bello University (ABU) Zaria, Kaduna State, Nigeria. She started as an assistant lecturer at the Department of Physiology and Pharmacology in ABU Zaria. She then moved to the Epidemiology Division of the Federal Department of Livestock as an epidemiology officer. Her interest in Brucellosis grew due to the fact that brucellosis is being identified from several reports in various species of livestock in Nigeria with Serological prevalence rate of between 0.20% and 79.70%; hence few studies to investigate the occurrence of the disease in humans.

Her main responsibilities include organising routine surveillance activities in states of the federation, collation of disease outbreak reports across the country, maintenance of database of disease outbreaks across the country, monitoring and evaluation of disease control programs, annual organisation of refresher trainings for surveillance and area veterinary officers across the states of the federation, organising training for communication focal persons across states of the federation and design and production of ICE materials on trans-boundary animal and other zoonotic diseases.

54. Dr. Alehegne Wubete Yirsaw



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Dr. Alehegne Wubete Yirsaw obtained his Doctor of Veterinary Medicine (DVM) degrees from Addis Ababa University Faculty of Veterinary Medicine, Debre Zeit, Ethiopia in 1992. Following graduation from Veterinary faculty, Dr. Alehegne Wubete practiced in Ethiopia, Amhara Region, South Gondar Zone Agriculture Department as a state veterinarian. He joined Addis Ababa University Faculty of Veterinary Medicine Debre Zeit, Ethiopia for his MSc degree in 2003. Then he moved to Bahir Dar Regional Veterinary laboratory as a microbiologist. In 2006 he joined the Ethiopian Institute of Agriculture Research (EIAR), National Animal Health Research Center (NAHRC) as a microbiologist. In 2008 our Center name and mandate changed to National Animal Health Diagnostic and Investigation Center (NAHDIC) with the mandates of Export animal testing, outbreak investigation, surveillance, study and capacity building.

He was working in National Animal Health Diagnostic and Investigation Center (NAHDIC) in various positions: researcher, Bacteriology and food hygiene laboratory head, Microbiology department head, export animal testing coordinator. Currently he is a bacteriology and food hygiene laboratory head, Deputy Quality Manager, coordinator of externship students hosted in his center. He participated in various research works mainly with Bovine tuberculosis and brucellosis

55. Dr. M. Kariuki Njenga



Kariuki Njenga is in the head of the integrated human-animal health (One Health) program in the Global Disease Detection (GDD) Program at Centers for Disease Control and Prevention (CDC)-Kenya. He holds a Bachelor of Veterinary Medicine and Master of Science degrees from the University of Nairobi and PhD from the Pennsylvania State University. He is a virologist with research experience in paramyxoviruses, Rift Valley fever virus, and Influenza virus. Before his present position, he was the Laboratory Director of the GDD program in Kenya and a Professor of virology at the University of Minnesota. His current focus is on the epidemiology of zoonotic disease in East Africa, and the establishment of One Health practices in the region. In 2012, he was asked to lead an initiative by the Us-Department of Defense (Defense Threat Reduction Agency-DTRA) on Biosurveillance of brucellosis in Kenya. Phase I of the study that performed a seroprevalence study in high and low risk administrative counties of the Kenya was completed in December 2012. The Phase II incidence study will be conducted in the 2013.

56. Dr. Samuel M. K. Muriuki (*BVM, MSc.VPH, DPPM*)

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(Not attending)

Dr. Samuel Muriuki graduated from the College of Agriculture and Veterinary Sciences of the University of Nairobi in Kenya in 1991 with a Bachelor of Veterinary Medicine Degree. He subsequently obtained a Master of Science Degree in Veterinary Public Health and postgraduate diploma in Project Planning and Management from the University of Nairobi and Catholic University of Eastern and Central Africa respectively. Dr. Samuel Worked at the Institute of Primate Research in Kenya for four years as a research scientist majoring on infectious diseases transmissible between humans and lower animals, before joining the University of Nairobi's College of Agriculture and Veterinary Sciences as a Research Fellow/Lecturer. Since 1999, Dr. Muriuki has since been involved in development programming and leadership in the livestock sector and animal health service delivery. During the past 6 years, he has led continent wide programmes at the Interafrican Bureau for Animal Resources for the prevention and control of the highly pathogenic avian influenza, other trans-boundary animal diseases and zoonoses. He is currently in charge of the IRCM, which is concerned with capacity building to improve coordination and technical capacities of the Regional Economic Communities (RECs) and African Union Member States for the prevention and control of transboundary animal diseases and zoonoses in Africa. His current responsibilities include facilitating RECs to identify priority diseases and develop medium to long term plans for their sustainable management, strengthening of surveillance and diagnostic systems, networking, communication and knowledge management, research to support evidence based decision making, promotion of the One Health approach and relationship management, including developing and supporting partnerships among actors. Dr. Muriuki is the one health focal point at the Interafrican Bureau for Animal Resources and would like to be part of an improved One Health partnership for the prevention and control of brucellosis in Africa. Dr. Muriuki has had a strong interest in zoonoses research and control and is the author of several papers, including brucellosis in several peer reviewed international journals.

57. Dr. Roger Pelle (RP):



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1989, Ph.D. in Molecular Genetics, Faculty of Sciences, Catholic University of Louvain (CUL), Belgium.
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1980, M.Sc. in Biochemistry, University of Yaounde, Cameroon.
1979, B.Sc., University of Yaounde, Cameroon.

RP is a molecular biologist and scientist in the Vaccines and Diagnostics research programme at ILRI. Previously, he worked on the characterization of African trypanosome genes involved in the immunosuppression and parasite differentiation. Recently, he has co-organized and conducted laboratory diagnostic training on HPAI virus in several regions for over 90 Veterinary and Medical Laboratory Staff from 36 African countries. He has been working on East Coast fever by *Theileria parva* since 2001. In that regard, he has been instrumental in the collaborative research effort that has led to the identification of CD8 T cell antigens from *Theileria parva*, which are now being characterized as candidate vaccine antigens against East Coast fever and tropical theileriosis. In 2004, he supervised for 3 months a PhD student from Sudan, Dr. Enaam El sanosi, [then in the Department of Brucella, Central Veterinary Research Laboratories Centre, Animal Resources Research Corporation, Ministry of Science and Technology, Sudan], on molecular characterization of diversity in brucella isolates from Sudan.

58. Dr. Baptiste Dungu



Dr. Baptiste Dungu

Senior Director: Research & Development

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Dr. B Dungu DVM PhD qualified as a veterinarian in the DR Congo in 1988, where he worked as a junior lecturer for 3 years at University of Lubumbashi. He moved to South Africa in 1992, where he studied for all his post-graduate and research qualifications from the University of Pretoria (BVSc-Hons, MSc and PhD). He also holds a Professional Management certificate from the University of South Africa. He worked for 10 years as senior researcher at the Onderstepoort Veterinary Institute (OVI), covering different aspects such as research on ovine lentiviruses and development of recombinant antigen-based ELISA tests. As project leader, he established the first multidisciplinary nucleic acid-based diagnostic laboratory at OVI and developed a number of diagnostic tools on a wide range of animal diseases. He also established the Bovine spongiform encephalopathy (BSE) diagnostic laboratory.

He then moved into senior Management, serving as Program Manager of the Foot and mouth vaccine development and production unit of Onderstepoort. From 2002 until 2008, he worked at Onderstepoort Biological Products (OBP) as General Manager: Operations, R&D, and later as Chief Operating Officer, overseeing the production and development of more some 50 different vaccines and biologics, as well as related R&D activities. For the past 15 years, he has conducted consultancies in more than 10 African countries for different international organizations such as the UN's International Atomic Energy Agency, the FAO, as well as the African Union-International Bureau on Animal Resources and the SADC. In his current position as Senior Director R&D, he is in charge of all technology and product development, registration and production activities, developing partnerships for vaccine, diagnostics and medicines activities for GALVmed. Dr. Dungu has been involved in Brucellosis vaccine improvement work while at OBP, and had conducted research toward the development of Brucellosis diagnostic tools for use in nationwide control programs.

59. Dr. Will de Glanville



Will obtained a degree in veterinary medicine from the Royal Veterinary College (RVC), London in 2007 and an MSc in veterinary epidemiology, also from the RVC, in 2008. Following his MSc, Will worked as a research assistant in the Veterinary Epidemiology and Public Health group at the RVC. During this time, he was involved in a longitudinal study of the effectiveness of biosecurity in UK beef farms, performed qualitative and quantitative risk assessments for Highly Pathogenic Avian Influenza H5N1 in south-east Asia, and spatial analyses of African swine fever in Africa. Since 2010, Will has been registered as a PhD student at the University of Edinburgh (UK) and a graduate fellow at the International Livestock Research Institute, Kenya. His PhD research focuses on the epidemiology of a range of zoonotic diseases (including brucellosis) in both livestock and people in western Kenya. Data collection for this research has included extensive cross-sectional surveys in sympatric animals and people, and more targeted data collection from patients with fevers of unknown origin in public hospitals. Will is also currently registered as a resident of the European College of Veterinary Public Health (ECVPH).

60. Dr. Shamsudeen Fagbo

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Dr. Fagbo graduate from the University of Ibadan in Southwest Nigeria with a Doctor of Veterinary Medicine degree in 1994. He as MSc in Veterinary Tropical Diseases from the University of Pretoria in South Africa and a Post Graduate Diploma in Public Health from the University of Liverpool. During a professional career in Saudi Arabia spanning over 15 years, I have been involved in veterinary practice as well as research. This included work at the National Wildlife Research Centre as well as the King Fahad Medical Research Centre based in the King Abdul Aziz University in Jeddah. During this period, I was involved in pioneering work to determine the vectors of a novel zoonotic viral hemorrhagic fever, Alkhurma hemorrhagic fever, a differential diagnosis for human clinical brucellosis locally. Other arboviruses, most of them zoonotic, focused on include Rift Valley fever, Crimean Congo hemorrhagic fever, Dengue and Kadam viruses. Appointed to the Ministry of Health as the first National Coordinator for Zoonotic Diseases in 2009, I am spearheading efforts to address neglected zoonoses like rabies and brucellosis. Various approaches towards understanding and controlling brucellosis include delineating the roles of atypical hosts such as camels and cats, the latter existing huge uncontrolled populations in urban and rural settings.

61. Dr. Suleiman Haladu

My name is Suleiman Haladu, I was born in Kano State, Northwestern Nigeria. on the March, 1st 1968. I started my primary education in Tudun madatai primary school from 1975 to 1981 from where I proceeded to Government technical college Wudil, Kano from 1981 to 1983. I also attended science secondary school Dawakin Kudu, Kano from 1983 to 1986. I attended Ahmadu Bello University, Zaria, Kaduna state where I obtained a degree in Veterinary Medicine in 1995. I also obtained a master in Science from Bayero University, Kano from 2000 to 2004. I started my professional career in 1997 with the Kano state government in the department of veterinary public health, Ministry of Agriculture and natural resources, as a veterinary officer, I rose through the ranks to the level of deputy director of veterinary epidemiology in 2012.

In 2008, I got admitted into the Nigeria field epidemiology and laboratory training program which is a public health program of the Federal ministry of health in collaboration with the Federal ministry of agriculture technically supported by the US Centers for Disease Control and Prevention (CDC). I graduated with a master in Public health in 2010.

My state of origin is a major cattle and other livestock production state in the country, however, there is no comprehensive brucellosis control program in the state as well as in the entire country, coupled with my research interest in bacterial zoonoses has stimulated my interest to conduct research in the seroprevalence of brucellosis among febrile patients, with a funding from the CDC one health office I was able to conduct the study which provided baseline information for farther studies in the state.

I have participated in several public health outbreaks investigation and control in Nigeria and these among others are Lassa fever outbreak investigation, Lead poisoning outbreak investigation, cholera etc which had helped the country in a timely control of these major emergencies. I attended several conferences in few countries, such as Portugal, South Africa and Kenya.

In 2011, I was invited by the US Department State, to participate in the 2011 edition of the International visitor leadership Program of the US government where I had the opportunity to visit the United States Department of Agriculture (USDA) and in particular had interaction with staff of ARS and other departments of the USDA. I am currently a cluster consultant working for the World Health Organization, Kano Office, North-western Nigeria in the Polio eradication program. I would welcome this unique opportunity to farther my knowledge in the brucellosis, with a view to contributing in the regional control initiatives. I am married with 4 children and my hobbies include soccer, swimming and music.

62. Dr. John B. Kaneene



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Michigan State University, College of Veterinary Medicine, Center for Comparative Epidemiology, Director and University Distinguished Professor of Epidemiology Appointed: 1990
Michigan State University, College of Human Medicine, Epidemiology, Center for Comparative Epidemiology, and College of Veterinary Medicine, Large Animal Clinical Sciences, Epidemiology, Professor Appointed: 1988
1983-1988, Associate Professor, Michigan State University, College of Veterinary Medicine, Large Animal Clinical Sciences, Epidemiology, and College of Human Medicine, Epidemiology
1979-1983, Assistant Professor, Michigan State University, College of Human Medicine and College of Veterinary Medicine, Large Animal Clinical Sciences, Epidemiology
1978-1979, Assistant Professor, University of Minnesota, School of Public Health, Large Animal Clinical Sciences
1978-1979, Director, University of Minnesota, College of Veterinary Medicine, Large Animal Clinical Sciences, Brucellosis Research Program
1973-1978, Teaching Associate & Research Assistant, University of Minnesota, College of Veterinary Medicine, Large Animal Clinical Sciences
1972-1973, Lecturer, Makerere University, Veterinary Medicine & Institute of Public Health, Epidemiology and Preventive Medicine

63. Sylvia Omulo B.Sc, MPH



Ms. S. Omulo is a laboratory scientist at the Kenya Medical Research Institute/Centers for Disease Control and Prevention (KEMRI/CDC). She graduated from Egerton University-Kenya with a Bachelors degree in Biomedical Science and Technology in late 2005 and joined KEMRI/CDC Nairobi as a research assistant in 2006. Her work at this time primarily involved performing molecular and serological assays on human specimen for various pathogens including brucella, leptospira, rickettsia and agents causing respiratory diseases and viral hemorrhagic fevers. In 2011, Ms. Omulo obtained a Master of Public Health degree from University of Leeds – UK and joined KEMRI/CDC Kisumu to head the Zoonosis laboratory. In this capacity, she performs myriad administrative and technical functions supporting diagnostic and research activities in this lab. Currently, she is involved in coordinating serological diagnostics for a recently conducted Brucellosis Seroprevalence Study which aims to establish baseline levels of brucellosis exposure in two counties in Kenya.

64. Dr. Chris Rutebarika



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Dr. Chris Rutebarika received his Bachelor of Veterinary Medicine degree from the Makerere University, Kampala in 1979 and his Master of Science degree from the Royal Veterinary College University of London in 1990. He worked as a field veterinarian for ten years from 1979 – 1989. He joined the Ministry Headquarters in 1991 where he has worked in various capacities in the animal health department. He is currently the Assistant Commissioner in charge of disease control in the Department of Livestock Health and Entomology, a position he has held since 2003. He is also coordinating the animal health component of the Avian and Human Influenza Project in the Ministry of Agriculture, Animal Industry and Fisheries.

65. Dr. Amahyel Madu Gusi



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Dr Gusi obtained a Doctor of Veterinary Medicine Degree (DVM) from the University of Maiduguri, Nigeria in 1998. He served as a resident doctor at the University of Nigeria Nsukka (UNN) in 1999-2000. Doctor Gusi worked in a private poultry farm in and a Veterinary Pharmaceutical company in Jos Nigeria in 2001-2005. He was employed as a Senior Veterinary Research Officer at the National Veterinary Research Institute Vom (NVRI), Plateau State Nigeria in 2005, where he is involved in carrying out routine serological tests for diagnosis of brucellosis and isolation and identification of the causative organism. He is also involved various research activities in *Brucella* and Brucellosis among which includes; Improving Brucellosis Controlling Nigeria through the Production and Standardization of *Brucella* Antigens for the Disease Diagnosis, Brucellosis Surveillance in Livestock in Selected States of Nigeria for Improved Disease Control and Integrated Control Of Neglected Zoonosis (ICONZ). Dr Gusi recently obtained a Masters degree in Veterinary Microbiology at the University of Nigeria Nsukka where his thesis was on the Sero-prevalence and Bacteriological Investigation of *Brucella* infection in animals in Kachia Grazing reserve Kaduna state, Nigeria.

66. Dr. Ihekerenma Okoli



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Dr. Okoli obtained her Doctor of Veterinary Medicine degree from the University of Nigeria, Nsukka. Following graduation from Veterinary College, Dr. Okoli carried out her compulsory National service with the Nigerian Police Force and was attached to oversee the police dogs and mounted troops.

She worked in a cattle ranch briefly after the service year before proceeding to the University of Nigeria to assume a Teaching Assistant position in the Department of Veterinary Pathology and Microbiology. While there, she assisted in the teaching of Microbiology to Veterinary students and obtained her MSc (1998) in Veterinary Public Health. Dr. Okoli is about completing a Post Graduate Diploma of the College of Veterinary Surgeons of Nigeria (CVSN) which will lead to a Fellowship award in Public Health.

She joined the Federal Ministry of Agriculture in 2004 as a Veterinary Officer where she works in the Public Health Division of the Department of Livestock and has risen to the position of a Senior Veterinary Officer and the Schedule officer on zoonoses. Her duties and responsibilities include but not limited to assisting in policy formulation relating to all veterinary public health issues including food safety, Planning, Monitoring and evaluating programmes across the country that relate to veterinary public health, Monitoring of abattoirs and meat inspection activities across the country, Collating reports from states on zoonoses out breaks, Collating reports from states on Abattoir and meat hygiene, Initiating Surveillance studies on important zoonoses (Tuberculosis and Brucellosis inclusive), Production of information bulletins and posters on selected zoonoses for distribution to stakeholders (in English and sometimes in local dialects). She is involved in the Dairy Transformation agenda of the Ministry where she serves in a committee to develop a comprehensive health plan/ program for the industry.

67. Dr. Abdelkhalik Mohamed Montasser



Position: Regional coordinator of VETGOV project (CEN-SAD) AU-IBAR HQ

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Dr Abdelkhalik M. Montasser is a national of Egypt. He was graduated from Faculty of Veterinary Science since 1983. He proceeded to an MSc degree in Veterinary Pathology and Clinical Pathology in 1991 and a PhD degree in Veterinary Pathology (brucellosis) in 1995 in Cairo University, during his work in Brucella Department in Animal Health Research Institute (Egypt). He was published more than 28 research papers at national and international journals in field of diagnosis, vaccination, epidemiology and control of brucellosis. He became a chief researcher (professor of bacteriology) in 2005. During this assignment he was involved in many national and international field and laboratory projects in controlling of brucellosis with the support of FAO and USAID (Middle-east Regional Cooperation Projects). He was shared in planning and implementation of projects acting from these projects, American project No.217 (control of Brucellosis in Egypt) 1986-1989, Egy-86-013 (Brucella antigen production) FAO 1989-1992, TARP Trinational Animal health Research Project (control of *Brucella melitensis*) as researcher from 1991-1996, the another American project 416-B (basic and applied research on brucellosis and tuberculosis) as laboratory researcher 1996-2000. Finally, Principal investigator of MERC project Middle East Regional co-operation project (control of brucellosis in four countries in middle) 2000-2003 under sector of USAID program in Middle East. Sharing as Co-PI for Laboratory work in national project 416-B (basic and applied research on brucellosis and tuberculosis) 2001-2005 in second edition. Then he work as consultant for the Regional Quarantine Station, Djibouti Republic 2006-2010. Additionally, he also worked as Director of Regional Animal Information Center in the horn of Africa in 2009. He is involved in numerous interagency committees including national committee for national control program of brucellosis, committee of food safety, and high committee of examination of imported and exported vaccines and antigen for brucellosis. He also an active member in the Egyptian veterinary Medical Association, Active member in Cattle diseases association in Assiut Univ., and Member in the Egyptian Agricultural Journal, Agriculture Research Center. Dr Montasser attend in many workshop and conference national and international dealing with subject of brucellosis. He was receiving a State

encouragement award in Veterinary Sciences in 2002. I am now appointed by AU-IBAR as a Regional Coordinator of VETGOV project started in January 2012

68. Dr. Clet Wandui Masiga



**Conservation Biologist and Geneticist,
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Dr. Clet Wandui Masiga works for the Association for Strengthening Agricultural Research in East and Central Africa's (ASARECA's) Agrobiodiversity and Biotechnology Programme. He is a Conservation Biologist and Geneticist with extensive experience in agricultural research and development work. His work has focused on different aspects of research in biology, genetics and breeding. He worked on several agricultural consultancies and development projects in Uganda, Kenya, Sudan, Syria, Tanzania and United Kingdom before joining ASARECA in 2009. He is a regular writer on biotechnology topics in Uganda and contributes regular biotechnology articles in Uganda's leading newspapers. He is a former genetics lecturer at the Uganda Christian University. Currently, he provides managerial, intellectual and research monitoring support to scientists implementing 10 projects that focus on utilizing biotechnology as a tool to improve agricultural production in East and Central Africa. One of them is on epidemiology, Diagnostic and control tools and strategies for *Taenia solium* Cysticercosis.

69. Dr. Steven Olsen

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Dr. Thacker obtained her Bachelor in Veterinary Science and Doctor of Veterinary Medicine degrees from the University of Minnesota. Following graduation from Veterinary College, Dr. Thacker practiced in Minnesota. She moved to Michigan and worked in the Michigan State University Diagnostic Laboratory as an Endocrinologist. While there, she obtained her Ph.D (1992) in Pathology. Dr. Thacker then performed a post-doctoral fellowship at the USDA-ARS Avian Disease and Oncology Laboratory working on Avian Leukosis Virus. In 1994 she moved to Iowa State University College of Veterinary Medicine where she was a member of the faculty in Veterinary Microbiology and Preventive Medicine Department performing research on swine respiratory diseases including *Mycoplasma hyopneumoniae*, porcine reproductive and respiratory syndrome virus, porcine circovirus and swine influenza viruses. She became Board Certified in Veterinary Microbiology in 1996. At Iowa State University, College of Veterinary Medicine, she actively mentored the graduate programs of more than 50 students and taught veterinary and graduate immunology and infectious disease courses. She was promoted to the rank of Professor in 2006. In 2008 she became an ARS National Program Leader in Animal Health where her responsibilities include overseeing the bacterial and parasitic research projects for the agency. In that capacity she determines the research direction for the research programs in TB and Brucellosis. As National Program Leader, Dr. Thacker is involved in numerous interagency committees including several, on biodefense, and biosafety. She also oversees the Animal Care and Use within USDA-ARS.

73. Dr. Joyce M Turk



**Senior Livestock Advisor,
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Joyce Turk is Senior Livestock Advisor at the US Agency for International Development's (USAID's) Bureau of Food Security, Agriculture, Research and Policy Team where she develops, supervises and evaluates global livestock production, health, and research programs, and manages multidisciplinary teams of scientific researchers in the United States and developing countries. She also advises developing country governments on strategies for livestock production, health, and marketing, and conducts policy analyses on livestock marketing issues. She joined USAID in 1980 following her service as a livestock advisor in the US Peace Corps, Philippine Islands. She enjoyed three years in the former Sudan overseeing a multilaterally funded agricultural research project that built livestock research stations and trained staff in North and South Kordofan and Darfur states. Ms. Turk has been the Co-Coordinator and chair of the Inter Agency Donor Livestock Group comprised of livestock representatives from the EU, BRIC, Japanese, and Australian governments, and the domestic Global Livestock Discussion Group which meets periodically to promote communication and networking among organizations that support international livestock development. She also represents the US Government at European Union, United Nations, and other international venues. Ms. Turk attained a BS in Animal Science from The Ohio State University and an MS in Animal Science (ruminant nutrition) from Cornell University. She has been a multi-year recipient of USAID Meritorious Performance Awards.

74. Dr. Delia Grace



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Delia Grace is an epidemiologist and veterinarian with more than 15 years experience in developing countries. She is a Senior Research at the International Livestock Research Institute in Kenya, and also leads the Theme on Agriculture-Associated Diseases in the new CGIAR Research Program on Agriculture for Human Nutrition and Health.

She graduated as a veterinarian from the University of Ireland, obtained a MSc in tropical veterinary medicine from the University of Edinburg and a doctorate in epidemiology from the Free University of Berlin. She undertook post-doctoral studies at Cornell University in risk analysis.

Her career has spanned the private sector, field-level community development and aid management, as well as research. She has lived and worked in Asia, west Africa and east Africa.

She has authored or co-authored more than 60 peer-reviewed publications as well as training courses, briefs, films, articles and blog posts. Her research program focuses on the design and promotion of risk-based approaches to food safety in livestock products in sub-Saharan Africa and South Asia. She is also a key player on ILRI's Ecohealth/ One health approach to the control of zoonotic emerging infectious diseases project for Southeast Asia. Delia's other research activities include emerging diseases, participatory epidemiology, gender and animal welfare.

75. Ms. Eileen Herrera



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With over 24 years of experience in planning and implementing international research collaboration around the world, Eileen Herrera is the Deputy Director of the Office of International Research Programs (OIRP), Agricultural Research Service (ARS), U.S. Department of Agriculture (USDA). In addition to overseeing the international affairs, management and implementation staff of OIRP, she assists the Agency's leaders in planning the overall research mission, goals, and policies of ARS's international research programs. She is ARS's primary point of contact for the USG's major food security initiative, Feed the Future (FtF) including overseeing ARS's research under the Norman Borlaug Commemorative Research Initiative (NBCRI). She serves as the U.S. Correspondent for the OECD Collaborative Research Program as well as the U.S. Secretariat for the US-EC Task Force on Biotechnology Research. She is the principal point of contact in ARS for international activities with Europe and Sub Saharan Africa and has served as the primary USDA contact for many of the USG international S&T Joint Committees, including the EU-US S&T JCM. She coordinated USDA's efforts under the EC-US Biobased Productions working group and collaborated in the EPO BIO project. She has successfully implemented several cooperative projects between ARS and several of the International Agricultural Research Centers (IARCs) of the CGIAR in Africa, including organizing biofortification of staple crops and confirmation of their nutritional value, various challenges in crop and animal health and production, food safety and processing, biobased products and bioenergy, and natural resources management. Prior to coming to ARS in late 1999, she worked at the Research and Scientific Exchanges Division of USDA's Foreign Agricultural Service (FAS) for 10 years, managing cooperative multi-lateral projects in the Middle East, Central and Eastern Europe, Spain and Brazil in a variety of agricultural research areas.
