

DR. SHARON NTHENYA MBINDYO
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PERSONAL INFORMATION

Nationality: Kenyan
Date of birth: 8th December 1987
Marital status: Single
Sex: Female
Language: Fluent in English and Kiswahili

KEY AREAS OF INTEREST

- Infectious and zoonotic diseases of small companion animals.
- Mechanisms and genetics of anthelmintic resistance in naturally infected dogs.

EDUCATIONAL BACKGROUND

March 2019 to date *UNIVERSITY OF NAIROBI*
Doctor of Philosophy of Veterinary Clinical Studies
Department of Clinical Studies

2012-2015: *UNIVERSITY OF NAIROBI*
Master of Veterinary Medicine (**MVetMed**)
Department of Clinical Studies

2007-2012: *UNIVERSITY OF NAIROBI*
Bachelor of Veterinary Medicine (**BVM**)

2002-2005: *PANGANI GIRLS HIGH SCHOOL*
Kenya Certificate of Secondary Education (**KCSE**)

1994-2001: *CONSOLATA PRIMARY SCHOOL*
Kenya Certificate of Primary Education (**KCPE**)

WORK EXPERIENCE

July 2017 to date

UNIVERSITY OF NAIROBI
Department of Clinical Studies
Tutorial Fellow

Responsibilities:

1. Teach veterinary medicine courses/units to the 3rd, 4th and 5th year veterinary students: Small Animal Medicine, General Medicine, Animal Welfare, Clinical and Preventive Medicine and Clinical Medicine.
2. Teach medicine topics to diploma and final year agriculture students.
3. Perform clinical duties in the small and large animal clinics.
4. Supervise undergraduate students during clinical practicals, research projects and examinations.

2012-March 2017:

*COMMUNITY INTEGRATED RURAL DEVELOPMENT
PROGRAMME- Machakos and Makueni Counties*
Veterinary Consultant

Responsibilities:

1. Provided valuable information used in decision making regarding development of community based animal production and health strategies by conducting fieldwork to gather research.
2. Led projects and collaborated with teammates in developing and coordinating community based animal production and health strategies effectively thus contributing to increased farm productivity and income generation.
3. Advised livestock owners on appropriate herd health management practices to improve livestock production.
4. Disseminated information to the local community through forums on alleviation of poverty by empowering the farmers to set up livestock related businesses.
5. Trained community based animal health workers in providing primary veterinary care to livestock owners and in contributing to disease surveillance systems.
6. Organised meetings and played a key role in developing final products, which include step by step PowerPoint presentation to describe the contribution that healthy and productive livestock make to food production, job creation, income generation and poverty alleviation.

Oct 2012-Sept 2015:

UNIVERSITY OF NAIROBI
Department of Clinical Studies, Faculty of Veterinary
Medicine
Postgraduate intern

Responsibilities:

1. Performed clinical demonstrations for the 3rd, 4th and 5th year veterinary students.
2. Performed clinical duties in the large and small animal species in medical, surgical and reproductive cases.
3. Assisted in diagnosis, treatment and control of diseases in both large and small animal species in the University Animal Clinics.
4. Idealized scientific concepts and developing them into seminar presentations.

July 2011-Sept 2011:

GARDEN VETERINARY SERVICES LIMITED

Intern

Responsibilities:

1. Provided veterinary care and assisting in surgeries, diagnosis, treatment and control of diseases in both large and small animal species.
2. Organised power point presentations based on scientific and medical concepts.
3. Assisted in office record keeping and document sorting.

July 2010-Sept 2010:

KENYA SOCIETY FOR THE PROTECTION AND CARE OF ANIMALS (KSPCA)

Intern/volunteer

Responsibilities:

1. Provided veterinary care and assisting in diagnosis, treatment and control of diseases in both large and small animal species.
2. Received and carried out hospital calls.
3. Assisted in office record keeping and document sorting.

July 2009-Sept 2009:

KENYA MEAT COMMISSION- ATHI RIVER

Intern

Responsibilities:

1. Performed ante mortem inspection to ensure that only healthy livestock pass on to the abattoir.
2. Oversaw time sensitive project that categorically organised files from the last 10 years and then transferred hard copy data into accessible computer files.
3. Assisted in the inspection of livestock carcasses in the abattoir to ensure safe and wholesome meat for public consumption.

SCIENTIFIC PUBLICATIONS

Mbindyo SN, Abuom T.O (2020): A review of cases of canine gastroenteritis reported at the University of Nairobi Veterinary Teaching and Referral Hospital, 2002-2012: Main causes and limitations to diagnosis

. International Journal of Veterinary Science

Mbindyo SN (2020): The importance of antimicrobial stewardship in small companion animal antimicrobial resistance- A review. *Journal of Veterinary Medicine and One Health*

SN Mbindyo (2019): Pet ownership as a risk factor for human campylobacteriosis- a review. *Tanzania Veterinary Journal*, 34(1): 18-23.

Mbindyo SN, GK Gitau, CM Mulei and SW Mbugua (2017): Associations of kennel management practices with morbidity and mortality of adult dogs in Nairobi, Kenya. *International Journal of Veterinary Science*, 6(3): 153-158.

Mbindyo SN, GK Gitau, CM Mulei and SW Mbugua (2016): Etiological factors associated with morbidity and mortality of adult dogs among kennels within Nairobi, Kenya. *International Journal of Veterinary Science*, 5 (3): 164-170.

Mbindyo S (2015): The causes and risk factors associated with morbidity and mortality in adult dogs among kennels within Nairobi County and its environs. MSc Thesis, University of Nairobi. <http://erepository.uonbi.ac.ke>.

WORKSHOPS/ TRAINING/CONFERENCES

2019: Attended Pedagogy, Andragogy and Mentorship Training held at the University of Nairobi, Main Campus from 19th to 21st June, 2019.

Attended Grant Proposal Writing Workshop held at the University of Nairobi from 3rd to 5th April, 2019.

Attended Molecular Workshop held at the University of Nairobi, Department of Public Health, Pharmacology and Toxicology from 4th February to 5th February, 2019.

2018: Attended a “Teaching and Learning in Veterinary Medical Education” seminar held in Iowa State University from 3rd August to 28th November.

Attended the Iowa Veterinary Medical Association (IVMA) Conference in Ames, Iowa.

Attended the International Veterinary Emergency and Critical Care (IVECC) symposium in New Orleans from 14th to 18th September.

2014: Attended the 2nd Kenya Animal Welfare Advocacy Network (KAWAN) Workshop held at the University of Nairobi- Upper Kabete Campus on 7th March 2014.

2013: Attended the Livestock Emergency Guidelines (LEGS) Training held at the University of Nairobi, Faculty of Veterinary Medicine, from the 6th to 8th February 2013.

2009: Attended the *3rd Annual Skills for Life Workshop* by Youth Agency for Development of Science, Technology and Innovation (YADSTI).

SHORT COURSES

- Zoonoses Course YR17: *Zoonoses: Protecting people and their pets* from Iowa State University (August 2018).
- Animal Welfare Course from the University of Edinburgh (January-February 2018).
- Global Health at the Human-Animal-Ecosystem interface Course from the University of Geneva (January-February 2018).

AWARDS

- Awarded a training grant by United States Department of Agriculture (USDA) for a four-month Faculty Exchange Program in Iowa State University (July 27 to December 5, 2018).
- Awarded a University of Nairobi Scholarship to pursue a Master of Veterinary Medicine (MVetMed) degree in the Department of Clinical Studies, Faculty of Veterinary Medicine (2012).

STUDENT SUPERVISION

2020: Elaine

2019: Davin S: Knowledge, attitudes and management practices of pet owners in Nairobi County, Kenya.

Nyaga M: Knowledge and management practices on animal welfare of dog owners in Tharaka Sub-County, Tharaka County.

Bett D: Assessment of stress in dogs and cats during visits in the university of Nairobi veterinary referral hospital located in Ndumbuini in Kiambu County.

2018: Chepyatich D: Prevalence of Canine Babesiosis And Ehrlichiosis Infections diagnosed in the Small Animal Clinic, UoN 2012-2017.

Ofwete R: Prevalence of skin conditions diagnosed from skin scrapping samples submitted to College Bacteriology laboratory, University of Nairobi - Upper Kabete Campus, 2006-2015.

PROFESSIONAL AFFILIATIONS

- Registered Veterinary Surgeon, Kenya Veterinary Board- **KVB No. 2575**
- Member of the Kenya Veterinary Association- **KVA No. 1128**

OTHER WORK EXPERIENCE

Community work/ services

- Facilitator in a One Health program held at the Department of Clinical Studies (7th to 11th February, 2019).
- Disaster mitigation program in Mwingi District, Kenya held on 5th – 9th October 2012.

- Team leader for vaccination campaign for rabies, treatment of sick dogs and cats and education on animal welfare to residents of Kawangware and Kangemi areas, Nairobi, Kenya 4th- 8th July, 2011.

Leadership service

- Served as a Project Coordinator with the Veterinary Students Association (VSA), University of Nairobi (2009- 2010).

ACADEMIC REFEREES

<p>Prof. Charles M. Mulei, Deputy Director, Graduate School and Professor of Veterinary Internal Medicine Mobile: +254 722 840314 E-mail: cmulei@uonbi.ac.ke</p>	<p>Dr. James Nguhiu- Mwangi, Chairman, Department of Clinical Studies, University of Nairobi. Mobile: +254 722 711043 E-mail: jnmwangi@uonbi.ac.ke</p>	<p>Dr. Tequiero A. Okumu, Lecturer, Department of Clinical Studies, University of Nairobi. Mobile: +254 724 455306 E-mail: toabuom@uonbi.ac.ke</p>
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