






## PERSONAL INFORMATION



## Dr. Willy Mwangi Edwin

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Sex Male | Date of birth 04/06/1986 | Nationality Kenyan

## EDUCATION AND TRAINING

- 
- 10 Mar 2015–2019 **DOCTOR OF PHILOSOPHY (PhD) - CLINICAL STUDIES**  
University of Nairobi, Nairobi (Kenya)  
**Thesis:** Effects of Butorphanol, Meloxicam and their combination on postoperative pain, stress response and wound healing in dogs after ovariohysterectomy
  - 21 Nov 2010–6 Dec 2013 **MASTERS OF VETERINARY SURGERY**  
University of Nairobi, Nairobi (Kenya)  
**Thesis:** Evaluation of the Effects of Epidural Lidocaine, Xylazine, Ketamine and their Combinations in Dogs
  - 11 Sep 2005–22 Sep 2010 **BACHELOR OF VETERINARY MEDICINE (BVM)**  
University of Nairobi, Nairobi (Kenya)
  - 11 Feb 2000–6 Nov 2003 **KENYA CERTIFICATE OF SECONDARY EDUCATION**  
Thika High School, Thika (Kenya)
  - 7 Jan 1990–21 Nov 1999 **KENYA CERTIFICATE OF PRIMARY EDUCATION**  
General Kago Primary School, Thika (Kenya)

## WORK EXPERIENCE

- 
- 1 Jul 2017–Present **Tutorial Fellow**  
University of Nairobi, Nairobi (Kenya)
    - Teaching and mentoring undergraduate students at the Faculties of Veterinary Medicine and Agriculture.
    - Demonstration of practicals, clinical and surgical cases to undergraduate veterinary students
    - Supervising research projects for undergraduate students.
    - Conducting scientific research and contributing to scientific publications and presentations.
    - Treating sick animals at the small animal hospital.
    - Organizing and supporting the faculty in community outreach programs.
    - Supporting practicals for human surgeons at the Nairobi surgical skill center where they use pigs as study animals.
  - 23 Sep 2012–30 Jun 2017 **Veterinary Clinician**  
University of Nairobi, Nairobi (Kenya)

- Treating sick animals at the small animal hospital.
- Demonstration of practicals, clinical and surgical cases to undergraduate veterinary students.
- Teaching and mentoring undergraduate students at the Faculties of Veterinary Medicine and Agriculture.
- Supervising research projects for undergraduate students.
- Conducting scientific research and contributing to scientific publications and presentations.
- Organizing and supporting the faculty in community outreach programs.
- Supporting practicals for human surgeons at the Nairobi surgical skill center where they use pigs as study animals.
- Coordinating the activities of the One Health students Club

9 Aug 2009–9 Oct 2009

**Veterinary assistant**

Sercombe Veterinary Surgeons, Nairobi (Kenya)

- Acquired experience in small animal medicine and surgery, equine medicine and surgery, exotic animal practice, and an in-depth knowledge in animal handling and welfare

8 Nov 2008–8 Dec 2008

**Research assistant**

Milwards Brown, Nairobi (Kenya)

- Involved in marketing research for various over the counter analgesics and respiratory drugs prescribed by doctors and dispensed by pharmacists in pharmacies, chemists and hospitals in Nairobi.
- Acquired experience in various research methodology and data analysis techniques available especially the use of questionnaire as a tool for data collection.

PERSONAL SKILLS

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Swahili	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Communication skills

- Excellent oral and written communication skill gained through several publications and presentaion made in seminars, workshops and conferences.

Organisational / managerial skills

- Member of Faculty of Veterinary Medicine examination and management board
- Member of Department of Clinical Studies Examination and Management board
- Member of Faculty of Veterinary Medicine Timetabling Committee
- Deputy Head of Veterinary Teaching and Referral Hospital, Faculty of Veterinary Medicine, University of Nairobi

Job-related skills

- Have experience in specialized veterinary surgeries namely Orthopaedics, Laparoscopic surgery, Ophthalmology and reconstructive surgery.
- Trained and experienced in writing winning research grants.
- Have excellent communication and mentorship skills

## Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Independent user	Independent user	Proficient user

## Digital skills - Self-assessment grid

Competent with most Microsoft Office programmes and some experience with HTML.

## ADDITIONAL INFORMATION

## Postgraduate Certificates and Short Courses

- **2019:** Certificate in pedagogy, androgogy and mentorship training
- **2019:** Short Course in Dairy management and Production. Pennsylvania State University.
- **2017 - 2018:** Postgraduate Certificate in Stem cell and Regenerative medicine. National and Kapodistrian, University of Athens
- **2017:** Short Course in Biosafety Principles. Michigan State University
- **2017:** Short Course in Laboratory Security Awareness. Michigan State University
- **2017:** Short Course in Chemical Hygiene, Laboratory Safety, and Hazardous Waste Initial. Michigan State University

## Publications

**JOURNAL ARTICLES (19)**

- **Mwangi W.E (2019)** Epidural Lidocaine and Medetomidine-Ketamine Anaesthesia in Feline Orthopaedic Surgery. International Journal of Veterinary Sciences 8 (4) <https://www.ijvets.com/pdf-files/in-press/19-660.pdf>
- **Mwangi W.E, Mogo E.M, Nguhiu J.M, Mbutia P.G, Mbugua S.W (2019):** Effects of butorphanol, meloxicam and their combination on wound healing in dogs after ovariohysterectomy. International journal of veterinary Sciences 8(4): 300 - 307 <http://www.ijvets.com/pdf-files/Volume-8-no-4-2019/300-307.pdf>
- **Mwangi W.E, Mogo E.M, Nguhiu J.M, Mbutia P.G, Mbugua S.W (2018):** A systematic review of analgesia practices in dogs undergoing ovariohysterectomy. Veterinary World 11 (12): 1725-1735. <http://www.veterinaryworld.org/Vol.11/December-2018/13.pdf>
- **Mwangi W.E, Mogo E.M, Nguhiu J.M (2018):** Effects of epidural xylazine, lidocaine and their combination on body temperature in acepromazine-sedated dogs. Tanzania Veterinary Journal 33 (1): 73-81. <https://www.ajol.info/index.php/tvj/article/view/179023>
- **Kimeli P, Kirui G, Mwangi W.E, Kipyegon A.N, Muasya D, Kamau J, and Thaiyah A(2017):** Antimicrobial susceptibility patterns of Mastitis staphylococcus aureus from bovine and caprine in peri-urban Nairobi, Kenya. In Proceeding of 6th Annual East African Health and Scientific Conference. East African Health Research Journal. Vol 1 Suppl 1: S14.
- **Kimeli P, Kirui G, Mwangi W.E, Mogo E.M, Kipyegon A.N, Thaiyah A (2017):** Needlestick and sharps injuries among final year bachelor of veterinary medicine students at the University of Nairobi, Kenya. In Proceeding of 6th Annual East African Health and Scientific Conference. East African Health Research Journal. Vol 1 Suppl 1: S35-S36
- **Mwangi W.E., Mogo E.M, Nguhiu-Mwangi J and Mulei C.M. (2016):** Addition of xylazine in epidural ketamine anaesthesia causes cardiopulmonary depression but minimizes hematological changes in dogs. International Journal of Veterinary Sciences 5 (3) <http://www.ijvets.com/volume-5-no-3-2016/>
- **Gitari A.N, Nguhiu-Mwangi J, Mogo E.M, Varma V.J, Mwangi W.E, Konde A.M and Rashid F.K(2016):** Hematological and Biochemical Changes in Horses with Colic in Nairobi County, Kenya. International Journal of Veterinary Sciences 5(4): 250-255. <http://www.ijvets.com/volume-5-no-4-2016/>
- **Mwangi W.E, Mogo E.M, Kimeli P,Muasya D.W, Kipyegon A.N, Kirui G, Gitonga P.N, Mande J.D, Kariuki E, and Mijele D (2016):** Combined Epidural Lidocaine and Medetomidine-Ketamine-Isoflurane Anaesthesia for Management of Femoral Fracture in a Cheetah (*Acinonyx jubatus*). Israel journal of Veterinary Medicine 71 (1): 43-47. <http://www.ijvm.org.il/node/470>
- **Mwangi W.E, Mogo E.M, and Nguhiu-Mwangi J (2015):** Complications associated with

anaesthesia in small animal practice in Nairobi County, Kenya. *The Kenya Veterinarian* 38 (2): 33-38.

- **Kimeli P, Mbugua S.W, Roger M.C, Kirui G, Abuom T.O, Mwangi W.E, Kipyegon A.N, Mande J.D. (2015):** A retrospective study on findings of canine hip dysplasia screening in Kenya. *Veterinary World* 8 (10): 2-8. <http://www.veterinaryworld.org/Vol.8/November-2015/10.html>
- **Wamaitha M.N, Kihurani D.O, Kimeli P, Mwangi W.E, Mande J.D. (2015):** Surgical management of agenesis of the vulva with atresi ani-et-distal recti in a heifer calf: A case report. *Journal of Advanced Veterinary Animal Research* 2 (3): 369-372. <http://www.scopemed.org/fulltextpdf.php?mno=183800>
- **Kimeli P, Mogoia E.M, Mwangi W.E, Muasya D.W, Kipyegon A.N, Kirui G, Mande J.D, Kariuki E, and Mijele D (2014):** Use of Brachial Plexus Blockade and Medetomidine-Ketamine-Isoflurane Anaesthesia for Repair of Radio-ulna Fracture in an Adult Cheetah (*Acinonyx jubatus*). *BMC Veterinary Research* 10:249. <http://www.biomedcentral.com/1746-6148/10/249>
- **Kimeli P, Kipyegon A.N, Mwangi W.E, Mande J.D (2014):** A case of *Trypanosoma congolense* savannah type infection and its management in a dog. *Journal of Advanced Veterinary and Animal Research* 1(4): 232-234. [http://bdvets.org/JAVAR/issue-v1i414.html#a33\\_pp232-234.pdf](http://bdvets.org/JAVAR/issue-v1i414.html#a33_pp232-234.pdf)
- **Mwangi W.E, Kimeli P, Mathai LW, Muasya DW and Kipyegon AN (2014):** Management of puff adder (*Bitis arietans*) snake bite and envenomation in dogs: case report. *International Journal of Veterinary Science*, 3(3): 160-162. <http://www.ijvets.com/pdf-files/Volume-3-no-3-2014/160-162.pdf>
- **Mwangi W.E, Mogoia E.M, Nguhiu-Mwangi J and Mulei CM (2014):**The Effects of epidural ketamine, xylazine and their combination on body temperature in acepromazine-sedated dogs. *International Journal of Advance Research* 4(2): 336-340. [http://journalijar.com/uploads/607\\_IJAR-2957.pdf](http://journalijar.com/uploads/607_IJAR-2957.pdf)
- **Mwangi W.E, Kimeli P, Mogoia E.M, Aleri J.W and Kirui G (2014):** Medetomidine-Tiletamine-Zolazepam Anaesthesia with Brachial Plexus Block: An Alternative Protocol for Canine Forelimb Surgeries. *Research Journal of Animal Science* 8(1): 9-11. <http://www.medwelljournals.com/abstract/?doi=rjnasci.2014.9.11>
- **Mwangi W.E, Mogoia E.M, Nguhiu-Mwangi J and Mulei CM (2014):**The hematological and cardiopulmonary effects of epidural xylazine, lidocaine and their combinations in acepromazine sedated dogs. *International Journal of Veterinary Science* 3(2): 46-51. <http://www.ijvets.com/pdf-files/Volume-3-no-2-2014/46-51.pdf>
- **Kimeli P., Kipyegon, A.N., Mwangi, W. E., Mogoia, E.G.M., Karanja D.N. (2014):** Diffuse Peritonitis Associated With Ventral Hernia In An Adult Doe: Case Report. *IOSR Journal of Agriculture and Veterinary Science*, 7 (1): 53-55. <http://iosrjournals.org/iosr-javs/papers/vol7-issue1/Version-5/I07155355.pdf>

#### CONFERENCE PAPERS (28)

- **Mwangi W.E (2019):** Postoperative pain management in small animals. ANWA - VetTrek workshop. Held on June 2019 in Small animal seminar room, Faculty of Veterinary Medicine, University of Nairobi
- **Mwangi W.E (2019):** The Attitude of Veterinary Students on One Health Initiatives and Its implication on Curriculum Development. In proceedings of One Health East Africa Conference. Kampala-Uganda
- **Njoki K.A. and Mwangi W.E (2019)** Farmer Knowledge, Attitudes and Practices on Antimicrobial Use and Resistance, in Kiambu County-Kenya. In proceedings of One Health East Africa Conference. Kampala-Uganda
- **Mogoia M, Mwangi W.E., Kimeli P. and Kirui G. (2017):** Poor Pain Management in Animals is Detrimental to their Welfare, Health and Production. Kenya Veterinary Association-Nyanza Branch Field Day and CPD Activities – Nyamira County, Nyamira – 23<sup>rd</sup> & 24<sup>th</sup> March, 2017.
- **Kimeli P. and Kirui G. Mogoia M, Mwangi W.E. (2017):** Improving Animal Welfare for Enhanced Production and Productivity of Dairy Animals. Kenya Veterinary Association-Nyanza Branch Field Day and CPD Activities – Nyamira County, Nyamira – 23<sup>rd</sup> & 24<sup>th</sup> March, 2017.
- **Kimeli P, Kirui G, Mwangi W.E, Mogoia EM, Kipyegon AN, Thaiyah A (2017):** Needlestick and sharps injuries among final year bachelor of veterinary medicine students at the University of Nairobi, Kenya. 6th Annual East African Health and Scientific Conference. Bunjumbura-Burundi. *East African Health Research Journal* 1: Supplement 1 - S35-S36
- **Kimeli P, Kirui G, Mwangi W.E, Kipyegon A.N, Muasya D, Kamau J, Thaiyah A (2017):** Antimicrobial susceptibility patterns of Mastitis staphylococcus aureus from bovine and caprine in

- peri-urban Nairobi, Kenya. 6th Annual East African Health and Scientific Conference. Bunjumbura-Burundi. East African Health Research Journal 1: Supplement 1 - S35-S36.
- **Mwangi W.E., Mogo E.M., Kirui G., Kimeli P and Kipyegon A.N (2016)** Analgesia protocols and their outcomes following Ovariohysterectomy in dogs: A systematic review. Proceedings of the 50<sup>th</sup> annual Kenya Veterinary Scientific Conference, Three steers Hotel, Meru-Kenya. 28<sup>th</sup> April **2016**
  - **Mwangi W.E., Mogo E.M., Kirui G., Kimeli P and Kipyegon A.N (2016)** Systematic review of anaesthesia practices during ovariohysterectomy in dogs. Proceedings of the 50<sup>th</sup> annual Kenya Veterinary Scientific Conference, Three steers Hotel, Meru-Kenya. 28<sup>th</sup> April **2016**.
  - **Oundo O.B, Nderitu E, Mogo E.M and Mwangi W.E (2016)** Retrospective study of pyometra cases, types and management from 2005-2016. Proceedings of the 50<sup>th</sup> annual Kenya Veterinary Scientific Conference, Three steers Hotel, Meru-Kenya. 28<sup>th</sup> April **2016**.
  - **Oundo O.B and Mwangi W.E(2016):** A systematic review of acupuncture in animals. Proceedings of the 50<sup>th</sup> annual Kenya Veterinary Scientific Conference, Three steers Hotel, Meru-Kenya. 28<sup>th</sup> April **2016**.
  - **Kimeli P. Mbugua S.W. Roger M.C. Kirui G. Abuom T.O. Mwangi W.E. Kipyegon A.N. Mande J.D. (2016):** A retrospective study on findings of canine hip dysplasia screening in Kenya. Proceedings of the 50<sup>th</sup> annual Kenya Veterinary Scientific Conference, Three steers Hotel, Meru-Kenya. 28<sup>th</sup> April **2016**.
  - **Kimeli P. Kirui G. Mwangi W.E. Kipyegon A.N. Wamaita M. Muasya D. Kamau J. Thaiya A. Gakuya D. and Mulei C. (2016):** Antimicrobial resistance patterns of *Staphylococcus aureus* isolated from milk samples. Proceedings of the 50<sup>th</sup> annual Kenya Veterinary Scientific Conference, Three steers Hotel, Meru-Kenya. 28<sup>th</sup> April **2016**.
  - **Wamaita M. N., Kihurani. D.O., Kimeli P., Mwangi W.E. and Mande J.D. (2015):** Surgical management of agenesis of the vulva with atresia ani-et-distal recti in a heifer calf: A case report. Proceedings of the 49th Kenya Veterinary Association Annual Scientific Conference on "One Vision for a Sustainable Animal and Human Health and Welfare"; 25th April 2015, Nambale, Busia County, Kenya.
  - **Mwangi W.E., Kimeli P., Oling'a F., Dhaval S., Mande J.D., Kariuki E. and Gakuya F (2015):** Clinical, Hemato-biochemical, Histopathological features and Surgical Management of Pyometra in Captive African Lioness (*Panthera leo*) in Kenya. Proceedings of the 49th Kenya Veterinary Association Annual Scientific Conference on "One Vision for a Sustainable Animal and Human Health and Welfare"; 25th April 2015, Nambale, Busia County, Kenya.
  - **Mwangi W.E, Mogo E.M, Nguhiu-Mwangi J, Mulei C.M (2014):** The hematological, Temperature and Cardiopulmonary effects of Epidural Xylazine, Lidocaine and Their Combination in Dogs. 39<sup>th</sup> World Small Animal Veterinary Association Congress. Cape Town, South Africa 16<sup>th</sup> – 19<sup>th</sup> September **2014**.
  - **Mwangi W.E, Mogo E.M, Kimeli P, Muasya D.W, Kipyegon A.N, Kirui G, Gitonga P.N, Mande J.D, Kariuki E, and Mijele D (2014):** Combined Epidural Lidocaine and Medetomidine-Ketamine-Isoflurane Anaesthesia for Management of Femoral Fracture in a Cheetah (*Acinonyx jubatus*). 9<sup>th</sup> Biennial Scientific Conference and Exhibition of the Faculty of Veterinary Medicine. Upper Kabete Campus 3<sup>rd</sup> – 5<sup>th</sup> September **2014**.
  - **Mogo E.M, Kirui G.K, Abuom T.O and Mwangi W.E (2014):** Trends in Postgraduate Research and Training in the Department of Clinical Studies, Faculty of Veterinary Medicine, University of Nairobi. 9<sup>th</sup> Biennial Scientific Conference and Exhibition of the Faculty of Veterinary Medicine. Upper Kabete Campus 3<sup>rd</sup> – 5<sup>th</sup> September **2014**.
  - **Muraya J, Muasya D, Mwangi W.E, Kipyegon A (2014):** Bovine Ehrlichiosis in Kenyan Cattle: An Emerging Infection. 9<sup>th</sup> Biennial Scientific Conference and Exhibition of the Faculty of Veterinary Medicine. Upper Kabete Campus 3<sup>rd</sup> – 5<sup>th</sup> September **2014**.
  - **Mwangi W.E, Mogo E.M, Kemunto P.N, Kirui G.K and Kimeli P (2014):** The Risk Factors and Extent of Perioperative Hypothermia in Canine Surgical Patients: A Retrospective Study. 48<sup>th</sup> annual Kenya Veterinary Scientific Conference, Boma-Inn Hotel, Eldoret Kenya. 23<sup>rd</sup> April **2014**.
  - **Mwangi W.E, Mogo E.M, Kimeli P, Aleri J.W and Kirui G.K (2014):** Medetomidine-tiletamine-zolazepam anaesthesia with brachial plexus block: An alternative protocol for canine forelimb surgeries. 48<sup>th</sup> annual Kenya Veterinary Scientific Conference, Boma-Inn Hotel, Eldoret Kenya. 23<sup>rd</sup> April **2014**.
  - **Muasya D.W: Mwangi W.E., Kimeli P, Olum M.O., Gakuya D.W., Mande J.D. (2014):** A Retrospective Study on Isolation and Antimicrobial Sensitivity Trends of Mastitis Causing Pathogens in Bovine and Goats. 48<sup>th</sup> annual Kenya Veterinary Scientific Conference, Boma-Inn Hotel, Eldoret Kenya. 23<sup>rd</sup> April **2014**.



- *Njoroge C.W, Hassan M, **Mwangi W.E.**, Kimeli P, Kirui G and Olum M. (2014):* Clinical presentation and successful management Perineal Hypospadias in a GSD Puppy: A case report. 48<sup>th</sup> annual Kenya Veterinary Scientific Conference, Boma-Inn Hotel, Eldoret Kenya. 23<sup>rd</sup> April **2014**.
- *Kimeli P., Kirui G., **Mwangi W.E.**, Mogoia E.M., Kipyegon A.N., Juma P., Mulei C.M. (2014):* Needlestick and Sharps (NS) Injuries among final year Bachelor of Veterinary Medicine Students at The University of Nairobi. 48<sup>th</sup> annual Kenya Veterinary Scientific Conference, Boma-Inn Hotel, Eldoret Kenya. 23<sup>rd</sup> April **2014**.
- ***Mwangi W.E.**, Mogoia E.M and Nguhiu-Mwangi J (2013):* Effects of epidural xylazine, lidocaine and their combination on body temperature in acepromazine-sedated dogs. 47<sup>th</sup> annual Kenya veterinary scientific conference, whitesands hotel, Mombasa. 24<sup>th</sup> April 2013.
- ***Mwangi W.E.**, Mogoia E.M and Nguhiu-Mwangi J (2013):* Complications associated with anaesthesia in small animal practice in Nairobi County, Kenya. 47<sup>th</sup> annual Kenya veterinary scientific conference, whitesands hotel, Mombasa. 24<sup>th</sup> April 2013.
- ***Mwangi W.E (2011):*** Animal welfare issues in transport and slaughter of swine. Seminar, The Department of clinical studies, Faculty of veterinary medicine, University of Nairobi, Kenya. 25<sup>th</sup> May 2011.
- ***Mwangi W.E (2011):*** Promoting animal welfare in veterinary patients through optimal management of pain. Seminar, The Department of clinical studies, Faculty of veterinary medicine, University of Nairobi, Kenya. 11<sup>th</sup> May 2011.

#### Projects

- 3 year partnership grant geared on enhancing welfare of working bulls in Embu County: **Amount** £35,466; **Source of Funding:** Society for Protection of Animals Abroad (SPANAN).
- Evaluation of welfare of working bulls in Embu County-Kenya: **Amount:** GBP 5,500; **Source of Funding:** Society for Protection of Animals Abroad (SPANAN).
- Molecular and Spatial Epidemiology of canine Giardiasis in shelter and client-dogs in Nairobi County-Kenya; **Amount** USD 10,000; **Source of funding:** World Small Animal Veterinary Association (WSAVA)/ Africa Small and Companion Animal Networks (AFSCAN)
- Canine platelet rich plasma: Optimization of isolation techniques, evaluation of antimicrobial activity and clinical application in chronic wounds. (Submitted proposal for funding).
- Bovine platelet rich plasma: Optimization of isolation techniques, evaluation of antimicrobial activity and clinical application in treating chronic mastitis. (Submitted proposal for funding).
- Mapping of canine laryngeal innervation using silvers staining technique; **Amount** USD 4,000; **Source of funding:** USDA; Location Michigan State University (**Ongoing**).
- Effects of butorphanol, meloxicam and their combination on postoperative pain, stress response and wound healing in dog; **Amount** Kshs. 250,000; **Source of funding:** University of Nairobi and Deans committee research grant.
- Assessment of knowledge and attitudes of final year veterinary students on pain assessment, training on pain management and ability to assess pain in a clinical case; **Amount:** USD 200; **Source of funding:** Self
- Assessment of veterinary Students' Knowledge, Attitudes and Perception of One Health initiatives and activities; **Amount:** USD 500; **Source of funding:** OHCEA-Kenya. (**Ongoing**).
- Evaluation of the effects of epidural lidocaine, xylazine, ketamine and their combinations in dogs (**Completed**).
- Evaluation of anaesthesia practices amongst small animal veterinary practitioners in Nairobi, Kenya (**Completed**).
- The risk factors associated with oxygen desaturation in dogs under general anaesthesia; **Amount:** USD 500; **Source of funding:** Self. (**Completed**).

#### Honours; Awards and Community Services

##### Honours and Awards

- 2019: North American Veterinary Community Scholar, United State of America (USA)
- 2017: Awarded the USDA faculty exchange fellowship in Michigan State University, USA
- **2016:** Kenya Veterinarian of the year Award (VOYA). Nominated for the KVA Veterinary Research Award Category.
- **2016:** Awarded the Deans Committee Research Grant worth Kshs. 250,000 by the University of Nairobi to cater for PhD research work.

- **2014:** Awarded Early Career Academic Grant (£2000) by the Association of Commonwealth Universities (ACU) to attend and present research findings in World Small Animal Veterinary Association conference in Capetown, South Africa. <https://www.acu.ac.uk/news-events/press-releases/early-careers-academic-grants-second-round-winners>
- **2013:** Awarded by University of Nairobi and Kenya Veterinary Board (KVB) for being the overall best Bachelor of Veterinary Medicine, final year student 2009/2010.
- **2013:** Awarded by University of Nairobi and Central Artificial Insemination Station (CAIS) for being the best final year student in Theriogenology 2009/2010.
- **2013:** Awarded by University of Nairobi and the Donkey Sanctuary for being the best student in Equine welfare 2009/2010.
- **2013:** Awarded by University of Nairobi and the Nobrook for being the best final year student in the course of medicine 2009/2010.
- **2013:** Awarded by University of Nairobi and Ultravetis East Africa Limited for being the best final year student in veterinary clinical studies 2009/2010.
- **2010:** Awarded a scholarship by the University of Nairobi and DAAD to pursue a Masters degree in Veterinary Surgery.

### Community Service

- **2016:** Awarded a certificate by Mamlaka Hill chapel for participating in annual, one week veterinary clinic in Kamurio, East Pokot.
- **2016:** Participated in University of Nairobi-Kenya Commercial Bank foundation funded outreach activity in Taita ranch.
- **2012:** Awarded a certificate by Mamlaka Hill chapel for participating in annual, one week veterinary clinic in Kamurio, East Pokot.
- **2011:** Awarded a certificate by Mamlaka Hill chapel for participating in annual, one week veterinary clinic in Kamurio, East Pokot.
- **2009:** Awarded a certificate by the University of Nairobi, College of agriculture and veterinary sciences for participating in annual tree planting.

### Undergraduate Supervision

- **2019 - Present:** Faith Mukuna: A survey of Diseases and Occupational Hazards of Working Dogs In Kenya
- **2019 - present:** Marya Williams: Evaluation of Factors Predisposing dogs to Anxiety, Fear and Stress Related Behavior of Dogs in Veterinary Hospitals
- **2018 - 2019:** Maritim Vanessa Cheron: Evaluation of conditions that causes chronic pain in dogs and Cats in Kenya, their management and constraints.
- **2017 - 2018:** Alice Kiarie: Evaluation of knowledge, attitude and perception of poultry farmers in Thika regarding antibiotics use.
- **2016- 2017:** Nelson: Evaluation of the causes and risk factors associated with canine lameness in Kenya.
- **2016 - 2017:** Muchemi Mwangi: Evaluation of castration techniques used by small animal veterinarian in Nairobi County.
- **2015-2016:** Anthony Oluoch (J30/3678/2011): Evaluation of veterinary student's knowledge, attitudes and perception on one health initiatives and activities.
- **2014-2015:** Susan Njambi (J30/2058/2010): The risk factors associated with oxygen desaturation in dogs under general anaesthesia.

### Referees

#### Prof. Susan Wanjiru Mbugua,

Professor,  
Department of Clinical Studies,  
Faculty of Veterinary Medicine,  
University of Nairobi,  
P.O. Box 29053-00625,  
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**Prof. Eddy Mosoti Mogo**

Associate Professor  
Department of Clinical Studies,  
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**Prof. John Demesi Mande**

Associate Professor of Small Animal Surgery  
Small Animal Clinic,  
Department of Clinical Studies  
Faculty of Veterinary Medicine  
University of Nairobi  
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