

CURRICULUM VITAE

Names: MURIITHI, Anne Wangechi

Current address: Department of Medical Physiology
University of Nairobi
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Date of birth: 4th September 1960

Nationality: Kenyan

Religion: Christian (Protestant)

ACADEMIC QUALIFICATIONS

2000 - University of Nairobi
- Master of Science in Medical Physiology

1985 - University of Nairobi
- Bachelor of Dental Surgery

POSITIONS HELD

2004- to date Senior Lecturer
Department of Medical Physiology

1995 – 2004 Lecturer
Department of Human Anatomy

1989 – 1995 Tutorial Fellow
Department of Human Anatomy

1986 – 1989 Dental Officer
Ministry of Health
Posting: Kenyatta National Hospital

1985 – 1986 Dental Officer (Intern)
Ministry of Health
Posting: Kenyatta National Hospital

Student supervision

BDS Level 3 projects

- 2004 - Oral Hygiene Practices and Knowledge of Common Dental Diseases among Primary School Teachers in Nairobi.
BDS Level 3 project as part fulfillment towards the BDS degree
- 2004 - Perception of Form Four Students at Starehe Boys' Centre towards Dentistry as a Career.
BDS Level 3 project as part fulfillment towards the BDS degree

BSc (Honours) Medical Physiology

Intercalated course (1 year- after 2nd year MBChB or BPharm or BDS

- 2007 Investigation of the effect of feeding frequency on food intake on the live body weight of laboratory rabbits.
Kevin Omondi Ndede
Supervisor: A W Muriithi
- 2007 Investigation on the effects of aqueous extract of *amaranthus hybridus* on the motility of the isolated rabbit jejunum.
Dennis Ong'era Oeri
Supervisor: A W Muriithi
- 2010 An *in vitro* study of the effect of organic extract of *mangifera indica* on rabbit jejunum.
Faraj Omar Alkizim
Supervisor AW Muriithi
- 2011 Study of the re-feeding syndrome in male Sprague-Dawley rats.
Keraka Phoebe Moraa
Supervisors: Prof. Nilesh B. Patel; Dr A W Muriithi
- 2012 Effect of *Mormodica charantia* aqueous leaf extract on cardiac and gut muscle contractility.
Jacob Adegu
Supervisors Dr Anne W Muriithi; Dr. Frederick Bukachi
- 2012 The Effect of Khat (*Catha edulis*) on Ontogenic growth in mice.
Paul Nduati
Supervisors: Prof. Nilesh B. Patel; Dr Anne W Muriithi

Other Departmental duties

- 1989 to date Class coordinator BDS level I
(This is for the subjects of Oral Biology, Human Anatomy and Medical Physiology).
- 2006 – 2011 Examination officer: Department of Medical Physiology
- 2005 – 2008 Departmental postgraduate and research committee: Member
- 2006 to date Departmental representative - Health and Safety Committee:
College of Biological and Physical Sciences (CBPS) - Chiromo Campus.
- 2007 to date Departmental ISO implementation Coordinator

PUBLICATIONS

Books

1. The effect of *mangifera indica* kernel on rabbit jejunum and heart.
F. O. Alkizim, A. Muriithi, F. Bukachi
LAP LAMBERT Academic Publishing, Germany. 2012
2. *Tooth Morphology: a pictorial manual for students of dentistry.* Compiled by
Dr Anne W Muriithi, Department of Medical Physiology, University of
Nairobi. 2009
3. (edited chapter in students manual)
“Digestive system: Part 1 – Oral cavity and associated structures.”
In: A manual of microscopic anatomy.
J. K. Kimani (ed) 1990 Nairobi University Press p139-146.

Thesis

1. Muriithi, A. W. (2000)
“Gastric motility responses to duodenal stimulation of an *in vitro* rabbit
stomach-duodenum preparation.”
University of Nairobi

Journal Publications

1. Lesan W. R. and Muriithi, A. W. (1990)

- “Oroidental injuries treated in two dental emergency clinics in Nairobi, Kenya”
Nairobi University Journal of Dentistry, 4:14-17.
2. Muriithi, A. W. and Chindia, M. L. (1993)
“Current concepts in the recognition and classification of pain with special emphasis on orofacial pain: a review.”
East African Medical Journal, 70:709-712.
 3. Hassanali J., Amwayi, P. and Muriithi, A. W. (1994)
“Social aspects of the dental health of the rural Maasai community in Kenya”
Discovery and Innovation, 6:363-365.
 4. Muriithi, A. W. (1994)
“Fear and dental treatment: a closely woven relationship”
Nairobi University Journal of Dentistry, 7: 17-19.
 5. Hassanali J., Amwayi, P. and Muriithi, A. W. (1995)
“The removal of deciduous canine tooth buds in Kenyan rural Maasai.”
East African Medical Journal, 72:207-209.
 6. Muriithi, A. W. and Chindia, M. L. (2002)
“Cultural beliefs and practices associated with natal and neonatal teeth in some Kenyan communities.”
African Journal of Oral Health Sciences, 3:87-89.
 7. Muriithi, A. W. and De Souza, J. (2002)
“Transposition of mandibular permanent lateral incisors that may have arisen after the enucleation of deciduous tooth germs.”
African Journal of Oral Health Sciences, 3:133-134.
 8. Muriithi, A. W. (2003)
“Natal and Neonatal teeth: A review of the literature.”
African Journal of Oral Health Sciences, 4:175-177.
 9. F. O. Alkizim, D. Matheka, A W Muriithi (2011)
Childhood diarrhoea: Failing Conventional measures, What Next?
Pan African Medical Journal 8:47
 10. F. O. Alkizim, D. Matheka, F. K. Abdulrahman, A W Muriithi (2012)
Inhibitory effect of *Mangifera indica* on gastrointestinal motility
Medicinal Chemistry & Drug Discovery 2(1) 9-16
 11. Faraj O. Alkizima, Duncan M. Matheka, Anne W. Muriithi (2012)
Dose-dependent myocardial toxicity of *Mangifera indica* during diarrhoea treatment

PRESENTATIONS

1. 'The challenges of dentistry in a developing country'
Muriithi, A. W. Lusaka 1987.
2. 'The acid-etch metal bridge: a new approach.'
Muriithi, A. W. and Lesan, W. R. Nairobi 1988.
3. 'An analysis of the attitudes of Kenyan dental students towards their chosen career.'
Muriithi, A. W.; Chindia, M. L. and Hassanali, J. Nairobi 1990.
4. 'Hypoplasia and hypodontia: a clinical diagnostic dilemma.'
Muriithi, A. W. and Chindia, M. L. Gaborone 1991.
5. 'Limitations in the effective management of HIV associated oral lesions with inadequate resources.'
Muriithi, A. W. and Chindia, M. L. San Francisco 1992.
6. 'Some Kenyan cultural beliefs and practices associated with natal and neonatal teeth.'
Muriithi, A. W. Monthly seminars - Dental school, Nairobi 1995.
7. 'Attitudes of Kenyan dental students towards their career.'
Muriithi, A. W. and Chindia, M. L. IADR, Nairobi 1998.
8. 'Tooth sensitivity – The biology of the dentine-pulp complex.'
Muriithi, A. W. Continuing Dental Education lecture, Nairobi 2002.
9. 'Role of the science of Oral Biology in the practice of dentistry.'
Muriithi, A. W. and Chindia, M. L. IADR, Arusha 2003.
10. "Transposition of mandibular permanent lateral incisors after tooth germ enucleation."
Muriithi, A. W. Departmental Seminar 2003.
11. "Module II: the cost of training dental students." 2004
Muriithi, AW and Kisumbi, BK Faculty of Dental Sciences retreat
12. M-Afya: Real-Time Wireless Sensory Networks for Telehealth in Kenya.
M Theuri, SCI; A W Muriithi, SOM; W Okelo-Odongo, SCI; S Namuye,
USIU Naivasha, 2009

13. Continuing Professional Development - KDA Lecture
A W Muriithi Saliva: Wonder fluid of the mouth Nairobi Serena Hotel (May
2009)

14. Continuing Professional Development - KDA Lecture
A W Muriithi Saliva Nairobi Serena Hotel (May 2011)