

# **CURRICULUM VITÆ**

**Dr. Elizabeth Anne Okumu Dimba**

**Head of Oral Maxillofacial Surgery, Oral Pathology & Oral Medicine Unit  
Faculty of Health Sciences, School of Dental Sciences,  
University of Nairobi, P. O. Box 19676 – 00202, Nairobi, KENYA.**

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## **BIODATA AND CONTACT INFORMATION**

**Nationality:** Kenyan.

**EMAIL:** [elizabeth.dimba@uonbi.ac.ke](mailto:elizabeth.dimba@uonbi.ac.ke); [eaodimba@yahoo.com](mailto:eaodimba@yahoo.com).

## **MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:**

- **Kenya Medical Association (Board member East African Medical Journal)**
- **Kenya Dental Association**
- **International Association for Dental Research**

**Languages:** Fluent written and spoken English/ Kiswahili and basic French (DELFL Level 2).

## **EDUCATIONAL BACKGROUND**

**APRIL 2022:** Diploma in mental health and counseling, Alison Online Education.

**SUMMER 2019** Research Methods , University of Washington.

**2017 – 2018:** Master of Business Administration – Healthcare Management,  
United States International University – Africa, Kenya.

**SPRING 2017:** Advanced Dental Leadership, Global Child Dental Fund

**2009:** 3 months' Fellowship Programme (Retinoblastoma), Toronto, Canada.

**2007:** Degree of Philosophiae doctor (PhD), University of Bergen, Norway.

**2002 – 2005:** Postgraduate research in Oral Pathology.

**2000 – 2002:** International Health Studies, University of Bergen, Norway.

**1996:** Bachelor of Dental Surgery, University of Nairobi, Kenya

## **PROFESSIONAL WORKING EXPERIENCE**

**May 2021 to date:** Unit Head (Maxillofacial Surgery, Radiology & Oral Pathology)

**August 2015 to date:** Section Head, Oral Pathology and Oral Medicine.

**August 2014 to 2020:** Principal Investigator, Tobacco Cessation Project.

**February 2012 to date:** Senior Lecturer, University of Nairobi.

**June 2007 – February 2012:** Lecturer, University of Nairobi.

**October 2006 – June 2007:** Assistant Lecturer, University of Nairobi.

**April 1998 – June 2007:** Tutorial Fellow, University of Nairobi.

**January 1996 – April 1998:** Dental Officer, GSU Headquarters, Ministry of Health.

**January 1995 – December 1995:** Dental Intern, Kenyatta National Hospital.

Current membership in administrative committees:

1. Faculty Postgraduate Studies Committee.
2. COVID-19 Infection Prevention Committee (Chairperson).
3. Grants, Partnerships and Linkages Committee (member).

## **PURPOSE STATEMENT**

I am a career educator and health worker with over 20 years experience in patient care and education. As a team player who aspires to contribute to the development of science and research on a national and international level, I am prepared to dedicate myself to community service for Mentor Africa and its affiliated projects. I am particularly well versed in STEM coaching, ICT, life skills and leadership management with an aim of mentoring a principled young generation.

The focus of my career is to harness human resources and technology in healthcare. I have clinical, research and administration experience as evidenced by a strong publication portfolio and consultancies for various organizations, including the World Health Organization (WHO-AFRO). My work is done in a high pressure environment, in which I have always been driven by a constant search for excellence.

## **PUBLICATIONS IN PEER REVIEWED JOURNALS**

1. **Dimba EAO**, Newa F, Macharia J, Nyanumba MD (2022). Determinants of acceptance of ehealth technology by health care practitioners in Nairobi, Kenya. *East African Medical Journal*. Volume 99 (1). Accepted for publication.
2. Maraga EK, Osero JO, **Dimba EAO** (2022). Clinical Significance of Oral Health Related Quality of Life for Oral Cancer Patients: A Systematic Review. *Oral Health & Dental Science*; 6(1); 1-6.
3. Maina SW, **Dimba EAO** (2021). Antimicrobial efficacy of aqueous and ethanol extracts of *Euclea divinorum* Hiern on tooth root canal microorganisms. *Endodontology*. 2021;33:221-6.
4. Mutwiri KD, **Dimba EAO**, Mua BN (2021). Orofacial Infections in Kenya: A Retrospective Study. *Annals of African Surgery*. Volume 18; Issue 1: 45 – 51.
5. Lukandu OM, Koskei LC, **Dimba EO** (2020). Motivations for a Career in Dentistry among Dental Students and Dental Interns in Kenya. *Int J Dent*. Jul 29;2020:1017979. doi: 10.1155/2020/1017979. PMID: 32802057; PMCID: PMC7411455.
6. Limo AK, Walong E, Kaggia S, **Dimba EAO** (2019). The utility of touch imprint cytology in histopathology diagnosis of oral squamous cell carcinoma. *African Journal of Oral Health Sciences (AJOHS)*. Vol 2 (6); 11 – 16.
7. Qaiser S, Limo A, Gichana J, Kimani K, Githanga J, Waweru W, **Dimba EA**, Dimaras H. (2017). Design and Implementation of the Retinoblastoma Collaborative Laboratory. *Ocular Oncology and Pathology*. Jan; 3(1):73-82.
8. **Dimba E**, Yengopal V, Joshua E, Thavarajah R, Balasundaram S (2016). Access and management of HIV-related diseases in resource-constrained settings: a workshop report. *Oral Diseases*. 2016 Apr;22 Suppl 1:206-10. doi: 10.1111/odi.12424. PMID: 27109288
9. Kirimi J, Guthua SW, **Dimba, EAO**, Omondi BI, Kota D (2015). Stage IV oral malignant melanoma: a case report and literature review. *International Journal of Oral and Maxillofacial Surgery, Elsevier*. Volume 44; e91.
10. Maina SW, **Dimba E**, Oyugi JO, Mwangi JW, Kabuitu ST, Dienya TM. (2015) Elimination of Biofilms in root canal system - a literature review. *African Journal of Oral Health Sciences (AJOHS)*. 2 (3):17-25.

11. Naidoo S, **Dimba E**, Yengopal V, Folayan MO, Akpata ES (2015). Strategies for Oral Health Research in Africa and the Middle Eastern Region. *Advances in Dental Research*. 2015 Jul; 27(1):43-9. doi: 10.1177/0022034515575539.
12. **Dimba E**. (2015) New frontiers in oral health research. *Journal of Orofacial Sciences*. Vol 7, Issue 2, July - December. 69 – 70.
13. Speicher D, Johnson N, Wanzala P, D’lima M, Chindia ML, **Dimba E**, Njiru A (2015). Diagnostic challenges of oral and cutaneous Kaposi’s sarcoma in resource-limited settings. *Journal of Oral Pathology and Medicine*. Nov;44(10):842-9. doi: 10.1111/jop.12315. Epub 2015 Mar 17.
14. Koyio LN, van den Sanden LW, **Dimba E**, Creugers NHJ, Merckx MAW, Stelma FF, van der Ven AJAM (2015). High level drug resistance in patients on chronic anti-retroviral treatment presenting with oropharyngeal candidiasis in Kenya. *Oral Diseases*. Apr;22 Suppl 1:199-205.
15. Koyio LN, van der Sanden WJM, Mulder J, **Dimba EO**, Creugers NHJ, et al. (2015) Pseudomembranous Candidiasis Indicates High Level Drug Resistance among Patients on Antiretroviral Treatment in Nairobi East District, Kenya. *Journal of HIV Clinical and Scientific Research*. Volume 2(2): 040-044. DOI: 10.17352/2455-3786.000012
16. Odhiambo WA, Karega A, Kalisa L, **Dimba E**. (2015) Massive Cervico-Lingual Cystic Hygroma. *The Annals of African Surgery*. January 2015 Volume 12 Issue 1. 48 – 51.
17. Barasa GB, Butt F, Onyango JF, Mutua FM, **Dimba E**. (2015) Antibiotic Sensitivity Patterns of Aerobic Bacterial Agents in Post-Surgical Orofacial Infections. *The Annals of African Surgery*. January 2015 Volume 12 Issue 1, 32 – 37.
18. Koyio LN, van den Sanden WJ, **Dimba EO**, Mulder J, van der Ven AJ, Merckx MA, Frencken JE. (2014) Knowledge of Nairobi East District Community Health Workers concerning HIV-related orofacial lesions and other common oral lesions. *BMC Public Health*. Oct 11; 14: 1066 – 1074. doi: 10.1186/1471-2458-14-1066. PMID: 25306389
19. Koyio LN, Sanden WJ, **Dimba E**, Mulder J, Creugers NH, Merckx MA, van der Ven A, Frencken JE (2014). Oral health training programs for community and professional health care workers in Nairobi East District increases identification of HIV-infected patients. *PLoS One*. March, Volume 9, Issue 5. Mar 14;9(3):e90927. doi: 10.1371/journal.pone.0090927. eCollection 2014. PMID: 24633223

20. Awange DO, Wakoli KA, **Dimba EAO**, Chindia ML, Onyango JF, Limo AK, Gichana JO (2014). Nasopalatine duct cyst. *African Journal of Oral Health Sciences (AJOHS)*; Volume 1 (1), Jan, 6 – 8.
21. Wakoli KA, Vilembwa A, Awange DO, **Dimba EAO**, Mamujee A, Limo AK, Gichana J, Chindia ML (2014). Burning mouth syndrome presenting with oral lichen planus – A case report. *African Journal of Oral Health Sciences (AJOHS)*; Volume 1 (1), Jan, 14 – 15.
22. Butt F, **Dimba EAO**, Syed K (2014). Treatment of keratocystic odontogenic tumour by marsupialization. *African Journal of Oral Health Sciences (AJOHS)*; Volume 1 (1), Jan, 16 – 18.
23. Muange P, Chindia ML, Njiru AW, **Dimba EAO**, Mutave RJ (2014). Oral squamous cell carcinoma: A 6-month clinico-histopathologic audit in a Kenyan population. *Open Journal of Stomatology*. Volume 4, Issue 10, 475 – 476.
24. Kihara E, Owino R, Otwoma J, **Dimba EAO**, Chindia ML (2013). Calcifying cystic odontogenic tumour manifesting in the maxillary antrum: Case report. *Open Journal of Stomatology*; Volume 3; Issue 9; 504 – 506.
25. Shah KS, Butt FMA, **Dimba EAO** (2013). Calcifying epithelial odontogenic tumour. *Anatomy Journal of Africa*. Volume 2, number 2, 135 – 136.
26. Butt FMA, Ikito, Chindia ML, **Dimba E** (2013). Ipsilateral Synchronous Manifestation of an Hiv-Infection Associated Plunging Ranula and Sublingual Salivary Gland Sialocoele: A Review and Case Report. *Anatomy Journal of Africa*. Volume 2 (1): 98 – 100.
27. Dimaras H, **Dimba EA**, Waweru W, Githanga J, Kimani K (2013). Digital cancer pathology in Africa. *Lancet Oncology*. Jul;14(8):e289-90. doi: 10.1016/S1470-2045(13)70246-8.
28. Shah KS, Butt FMA, **Dimba EAO**. (2013). Case Report: Calcifying epithelial odontogenic tumor (Pindborg tumor). *Anatomy Journal of Africa*. Volume 2, Number 2; pages 135 – 136.
29. Simiyu BN, Butt F, **Dimba EA**, Wagaiyu EG, Awange DO, Guthua SW, Slootweg PJ (2013). Keratocystic odontogenic tumours of the jaws and associated pathologies: a 10-year clinicopathologic audit in a referral teaching hospital in Kenya. *Journal of Craniomaxillofacial Surgery*. 2013 Apr;41(3):230-4. doi: 10.1016/j.jcms.2012.09.006.
30. Dimaras H, Kimani K, **Dimba EA**, Gronsdahl P, White A, Chan HS, Gallie BL (2012). Retinoblastoma. *Lancet*. Apr 14;379(9824):1436-46. Epub 2012 Mar 12.

31. Tugaineyo EI, Odhiambo WA, Akama MK, Guthua SW, **Dimba EAO** (2012). Aetiology, pattern and management of oral and maxillofacial injuries at Mulago National Referral Hospital. *East African Medical Journal*. Nov;89(11):351-8. PMID: 26852446.
32. Butt FM, Guthua SW, Awange DA, **Dimba EA**, Macigo FG (2012). The pattern and occurrence of ameloblastoma in adolescents treated at a university teaching hospital, in Kenya: a 13-year study. *Journal of Craniomaxillofacial Surgery*. Feb;40(2):e39-45.
33. Johnson NW, Warnakulasuriya S, Gupta PC, **Dimba E**, Chindia M, Otoh EC, Sankaranarayanan R, Califano J, Kowalski L (2012). Global oral health inequalities in incidence and outcomes for oral cancer: causes and solutions. *Advances in Dental Research*. May;23(2):237-46.
34. Okumu SB, Chindia ML, Gathece LW, **Dimba EA**, Odhiambo W (2012). Clinical features and types of paediatric orofacial malignant neoplasms at two hospitals in Nairobi, Kenya. *Journal of Craniomaxillofacial Surgery*. Jan;40(1):e8-14. Epub 2011 Mar 3.
35. Odhiambo WA, Akama MK, Guthua SW, **Dimba EAO** (2012). Aetiology, pattern and management of oral and maxillofacial injuries at Mulago National Referral Hospital. *East African Medical Journal*; Volume 89, Issue 11, 351 – 358.
36. Butt FM, Guthua SW, Nganga P, Edalia M, **Dimba EA**. (2011). One-stage treatment of acquired facial deformity caused by severe unilateral condylar hyperplasia. *Journal of Craniofacial Surgery*. Sep;22(5):1966-8.
37. Kamau MK, Chindia ML, **Dimba EAO**, Awange D, Gathece LW (2011). Clinico-histopathologic types of maxillofacial malignancies with emphasis on sarcomas: A 10-year review. *East African Medical Journal*. 88 (2): Feb;88(2):39-45.
38. Wakoli KA, Vilembwa A, Awange DO, **Dimba EAO**, Mamujee A, Limo AK, Gichana J, Chindia ML (2011). Burning Mouth Syndrome presenting with Oral Lichen Planus–Case Report. *Journal of the Kenya Dental Association*. Volume 3; 198 – 200.
39. Dimaras H, **Dimba EAO**, Gallie B (2010). Challenging the global retinoblastoma survival disparity through a collaborative research effort. *British Journal of Ophthalmology*. Doi: 10.1136/bjo.2009.17416 (ePub ahead of print).
40. Jones M, **Dimba EAO**, Dimaras H, Halliday W, Heon E, Gallie B (2010). Pathological risk factors and risk of metastases in retinoblastoma. *Clinical and*

*Experimental Ophthalmology* (WILEY-BLACKWELL 111 RIVER ST, HOBOKEN 07030-5774, NJ USA). Volume 38, 19 – 20.

41. Komu P, **Dimba EAO**, Macigo FG, Ogwel AE (2009). Cigarette smoking and oral health among healthcare students. *East African Medical Journal*. Apr, 86 (4): 178 – 182.
42. Bredholt T, **Dimba EAO**, Hagland HR, Wergeland L, Skavland J, Fossan KO, Tronstad KJ, Johannessen AC, Vintemyr OK, Gjertsen BT. (2009) Camptothecin and khat (*Catha edulis* Forsk.) induced distinct cell death phenotypes involving modulation of c-FLIP, Mcl-1, Procaspase 8 and mitochondrial function in acute myeloid leukaemia cell lines. *Molecular Cancer*. Nov 13, 8: 101.
43. Awange DO, Wakoli KA, Onyango JF, Chindia ML, **Dimba E**, Guthua SW. (2009) Reactive localized inflammatory hyperplasias of the oral mucosa. *East African Medical Journal*. Feb, 86: (2): 79 – 82.
44. Chindia ML, **Dimba E**, Moshy J, Limo A, Otwoma JG, Guthua SW. (2008) Synchronous occurrence of ossifying fibroma of the mandible and maxilla: a case report. *Dental Update*. Dec, 35 (10): 705 – 707.
45. Owino R, Rono EK, **Dimba E**, Chindia ML (2008). Calcifying epithelial odontogenic tumour. *African Journal of Oral Health Sciences (AJOHS)*; Volume 5 (3), Oct, 6 – 8.
46. Vilembwa A, **Dimba E**, Wakoli , Njiru AK, Awange DO, Onyango JF, Chindia ML. (2008) Clinicopathological features of ameloblastoma in Kenya: a 10-year audit. *Journal of Craniofacial Surgery*. Nov, 19 (6): 1589 – 1593.
47. Onyango JF, Awange DO, Wakoli KA, **Dimba EAO** (2008). Squamous cell carcinoma arising in an epithelial cyst lining: a case report. *Journal of Oral and Maxillofacial Surgery*; Volume 7; Issue 4; 145.
48. Lukandu OM, Costae DE, **Dimba E**, Neppelberg E, Bredholt T, Gjertsen BT, Vintemyr OK, Johannessen AC (2008). Khat induces G1-phase arrest and increased expression of stress-sensitive p53 and p16 proteins in normal human oral keratinocytes and fibroblasts. *European Journal of Oral Sciences*. Feb, 116 (1): 23 – 30.
49. **Dimba E**, Gichana J, Limo AK, Wakoli KA, Chindia ML, Awange DO (2007). An audit of oral diseases at a Nairobi centre. *International Dental Journal*. 57 (6): 339 – 444.
50. Limo AK, Ruggutt-Korir A, Gichana JO, **Dimba EAO**, Chindia ML, Mutuma Z (2007) . Occurrence of head and neck cancers at the Nairobi Cancer Registry 2000 – 2002. *African Journal of Oral Health Sciences (AJOHS)*; Volume 5 (1), Nov, 2 – 5.

51. Butt F, Chindia ML, Dimba EAO, Owino RO (2007). Paediatric HIV infection associated oral Kaposi's sarcoma: a report of two cases. *African Journal of Oral Health Sciences (AJOHS)*; Volume 5 (1), Nov, 5 - 8.
52. Lukandu O, **Dimba EAO**, Vintermyr OK, Costea DE, Johannessen AC (2007). Khat inhibits proliferation of normal oral keratinocytes in monolayers and organotypic cultures. *Oral Oncology Supplement*; Volume 1; Issue 2; 198 – 199.
53. Aden A, **Dimba E**, Ndolo U M, Chindia M L (2006). Socio-Economic effects of Khat Chewing among the Youth: A Case Study of Ijara District in the North Eastern province of Kenya. *East African Medical Journal*. Mar 83 (3): 69 – 73.
54. Costea DE, **Dimba AO**, Loro LL, Vintermyr OK, Johannessen AC (2005). The phenotype of in vitro reconstituted normal oral epithelium is essentially determined by culture medium. *Journal of Oral Pathology and Medicine*. 34: 247 – 252.
55. **Dimba E**, Gjertsen BT, Bredholt T, Fossan KO, Costea DE, Francis G, Johannessen AC, Vintermyr OK (2004). Khat (*Catha edulis*) induces caspase-dependent cell death in leukaemia cell lines. *British Journal of Cancer*. 91: 1726 - 1734
56. Costea DE, Loro LL, **Dimba E**, Vintermyr OK, Johannessen AC (2003). Crucial effects of fibroblasts and keratinocyte growth factor on morphogenesis of reconstituted oral epithelium. *Journal of Investigative Dermatology* 2003; 121:1479 – 1486.
57. Costea DE, **Dimba EAO**, Loro LL, Oijordsbakken G, Vintermyr OK, Johannessen, AC (2003). The Effects of fibroblasts and keratinocyte growth factor on morphogenesis of reconstituted human oral epithelium. *Journal of Dental Research*, Volume 82, B26 –27.
58. **Dimba EAO**, Gjertsen BT, Francis G, Johannessen AC, Vintermyr OK (2003). *Catha edulis* (khat) induces cell death by apoptosis in leukemia cell lines. *Annals of the New York Academy of Science*. 1010: 384 - 398.
59. **Dimba EAO**, Costea DE, Loro LL, Gjertsen BT, Johannessen AC, Vintemyr OK, Francis G (2003). Cytotoxic effects of *Catha edulis* on leukemia cell lines and primary human oral cells in monolayer. *Journal of Dental Research*, Vol 82; 561 – 562.
60. **Dimba EAO**, Gjertsen BT, Vintemyr OK, Johannessen AC, Francis G (2003). Cytotoxicity of *Catha edulis* on leukemia cell lines. *Journal of Dental Research*, Vol 82; 614 – 615.



61. **Dimba EAO**; Chindia ML; Ngovo C; Patel S; Muriithi MW (2000). Neural tumours of the neck and craniofacial region. *Journal of Dental Research*. Volume 78 (5), 1091 - 92.
62. Chindia ML, **Dimba E** (2000). Neural tumours of the head and neck. *East African Medical Journal*. Oct; 77 (10): 531 – 5333.

**AUTHORSHIP OF BOOK CHAPTERS/ E-BOOKS (NCDs)**

1. Ministry of Health, **Dimba E**. Cancer screening guidelines for primary health care workers – oral cancer digital module (2021).
2. Ndegwa L, **Dimba E**. Oro-facial cancer screening IN National Cancer Screening Guidelines, Ministry of Health, Division of Non-Communicable Diseases. (2019).
3. **Dimba E**. Chapter 4: Essential interventions at primary health care facilities IN Promoting Oral Health in Africa - A WHO manual (2016). WHO- AFRO Press, pp 38 - 56.
4. **Dimba E**. Kenya Essential Medical Supplies List (2016). Government of Kenya – Ministry of Health. Chapter (D) pp 25 – 35.
5. Dr Varenne B; panel of experts & **Dimba E**. Regional oral health strategy for prevention and control of oral diseases with NCDs 2016 – 2025 (WHO-AFRO 2015).
6. Guthua SW and **Dimba E**. Chapters 23 & 25. Head and Neck Cancers IN National Guidelines for cancer management in Kenya. Republic of Kenya, Ministry of Health (2013), pp 132 – 141 & 141 – 145.
7. Costea DE. **Dimba E**, Loro LL, Johannessen AC, Vintermyr OK (2002). Proliferation and differentiation in organotypic serum free cultures of normal human oral mucosa. Book Chapter in: Varma AK, Kowalski LP, Herter NT, (eds) *Eighth international congress on oral cancer; 2002*. Brasil: Rio de Janeiro, Delhi, India: Rajkamal Electric Press, 108 – 113.

**DOCTORATE RESEARCH SUPERVISION – COMPLETED THESES**

- 2019:           **Student: Dr. Susan Maina (PHD, University of Nairobi).**  
 Antimicrobial efficacy of selected medicinal plant extracts on tooth root canal biofilms.

- 2009: **Student: Ochiba Mohammed Lukandu (PHD, University of Bergen).**  
Toxicity of khat on normal human oral cells.
- 2014: **Student: Dr. Lucina Koyio (PHD, University of Nijmegen).**  
Primary health intervention for oropharyngeal candidiasis in HIV infection.  
Thesis title: Antimicrobial efficacy of selected medicinal plant extracts on tooth root canal biofilms.

**DOCTORATE RESEARCH SUPERVISION (CURRENT STUDENTS)**

- 2021: **Student: Dr. Edith Maraga (Ongoing doctorate research, Kenyatta University).** Oral health related quality of life for oral cancer patients in Kenya: a case control study.

**MASTER'S RESEARCH SUPERVISION –  
COMPLETED THESES/ DISSERTATIONS**

- 2019: **Student: Limo Alice (MSc, Clinical cytology - JKUAT).** The utility of touch imprint cytology in histopathology diagnosis of oral squamous cell carcinoma.
- 2019: **Student: Peter Ngoge Mbaka (MSc Clinical cytology, University of Nairobi).** Cellular morphological changes on oral mucosa among patients presenting to dental clinics in two Narok County referral hospitals.
- 2019: **Student: Dr. Vusumzi Ndumiso Tsabedze (MDS, Maxillofacial Surgery, University of Nairobi).** Clinical Patterns and histological characteristics of Lymphomas manifesting in the head and neck among patients seen at Kenyatta National Hospital and University of Nairobi Dental Hospital.
- 2019: **Student: Dr. Michael Kezegule (MDS, Maxillofacial Surgery, University of Nairobi).** Clinicopathological patterns of odontogenic neoplasms at two referral centers in Nairobi, Kenya.
- 2016: **Student: Dr. Grace Midigo (MMed, Human pathology).** Audit of histopathological processes of Retinoblastoma Collaborative Laboratory at the Dental School, University of Nairobi.
- 2016: **Student: Dr. M Mutembei (MMed, Human pathology).** Tumour differentiation as a prognostic modifier among patients with retinoblastoma at Kenyatta National Hospital and PCEA Kikuyu eye unit.

- 2016: **Student: Dr. Peter Mweruti (MSc, Cytology).** Use of cytology in detection of mucosal lesions in tobacco users in Narok county.
- 2016: **Student: Dr. Kemunto Nyagwoko (MSc, UNITID).** HIV/AIDS Associated oral lesions amongst paediatric patients attending Kenyatta National Hospital Comprehensive Care Centre.
- 2015: **Student: Dr. Silas Bere (MDS, Oral Maxillofacial Surgery).** Pre-operative plasma fibrinogen levels in oral squamous cell carcinoma patients in Kenya.
- 2011: **Student: Dr. Emmanuel Ituuza Tugaineiyo (MDS, Oral Maxillofacial Surgery, University of Nairobi).** Aetiology, pattern and management of oral and maxillofacial injuries at Mulago National Referral Hospital: a ten-year audit.
- 2011: **Student: Dr. Micha Cyrus (MDS, Oral Maxillofacial Surgery, University of Nairobi).** Pattern of occurrence of jaw cysts and cyst-like lesions at the University of Nairobi Dental Hospital: 10-year histopathological audit.
- 2010: **Student: Dr. Margaret Ndung'u Mwashu (MDS, Conservative and Prosthetic Dentistry, UON).** Denture hygiene practices and candida associated stomatitis among wearers at two clinics in Nairobi.
- 2010: **Student: Dr. Kamau Martin (MDS, Oral Maxillofacial Surgery, University of Nairobi).** Clinico-histopathological types of maxillofacial sarcomas: a 10-year review.
- 2009: **Student: Dr. B. O. Sanya (MDS, Oral Maxillofacial Surgery, University of Nairobi).** Paediatric orofacial malignant neoplasms: clinical presentation and histopathological variants.
- 2009: **Student: Dr. Penny Muange (MDS, Oral Maxillofacial Surgery, University of Nairobi).** Clinico-histopathologic variations and aetiological factors associated with oral squamous cell carcinoma at two hospitals in Nairobi, Kenya
- 2007: **Student: Dr. Jeremiah Robert Lesindam Moshu (MDS, Oral Maxillofacial Surgery, University of Nairobi).** Characteristic radiological and Histological Patterns of Jaw Fibrous Dysplasia and Ossifying Fibroma.
- 2006: **Student: Dr. Adeline Vilembwa (MDS, Oral Maxillofacial Surgery, University of Nairobi).** A 10-year audit of the clinical features and histopathologic subtypes of ameloblastoma at a Nairobi centre.

## **MASTER'S RESEARCH SUPERVISION – CURRENT STUDENTS**

- 2020: **Dr. Wanjiku Ndungu (MSc, Human Anatomy).** Changes in histoarchitecture of the common carotid artery following ingestion of beetroot extract after diet induced arteriosclerosis in the albino rat.
- 2020: **Dr Jospheh Mutio (MDS, Oral and Maxillofacial surgery).** A 20-year histopathological audit at 2 maxillofacial centers in Nairobi, Kenya.

## **UNDERGRADUATE RESEARCH SUPERVISION – COMPLETED PROJECTS**

- 2021: **Student: Mistry PJ (BDS).** Dental caries experience in patients with type 2 diabetes at Kenyatta National Hospital.
- 2021: **Student: Shafik M (BDS).** Factors that influence usage of dental floss among undergraduate university students studying at the College of Health Sciences at the University of Nairobi.
- 2021: **Student: Omar SK (BDS).** Knowledge, practices and challenges in control of communicable diseases amongst dentists in Kenya.
- 2021: **Student: Mwangi T (BDS).** Bone pathologies associated with impacted teeth among dentists in Kenyatta National Hospital Dental Clinic,
- 2021: **Student: Shah KA (BDS).** Awareness of musculoskeletal pain among dental students at the University of Nairobi Dental Hospital.
- 2021: **Student: Thuguri CN (BDS).** Dental anxiety, its causes and impact on oral health seeking behavior among medical students at the University of Nairobi.
- 2021: **Student: Ahmed BA (BDS).** Occupational health and safety among Kenyan dentists during the COVID-19 pandemic.
- 2019: **Student: Maoga PM (BDS).** Knowledge, attitude and practice of doctors at Kenyatta National Hospital towards oral diseases.
- 2019: **Student: Lovega E (BDS).** Prevalence of oral squamous cell carcinoma among patients in University of Nairobi Dental Hospital: a 10 year retrospective study.
- 2019: **Student: Momata MN (BDS).** Correlation between dental health and physical activity among fitness enthusiasts in Nairobi fitness centers.

- 2019: **Student: Kaunda CN (BDS).** Pattern of occurrence of odontogenic cysts among patients diagnosed at the University of Nairobi Dental Hospital over a period of 10 years (from January 2009 to December 2018).
- 2019: **Student: Peace H (BDS).** Knowledge, attitude and perception towards career specialization among dental students at the University of Nairobi Dental School.
- 2019: **Student: Omar MA (BDS).** Oral health knowledge, attitudes, practices or behaviour among dental students at the University of Nairobi.
- 2019: **Student Odhiambo MA (BDS).** Factors influencing patients' choice of a dentist among patients visiting University of Nairobi dental hospital and dental clinics in Upperhill, Nairobi.
- 2019: **Student: Otieno MA (BDS).** Occurrence, self perception and knowledge on management of halitosis among undergraduate University of Nairobi students.
- 2019: **Student: Swaleh AS (BDS).** Burnout syndrome among dental students at the School of Dental Sciences, University of Nairobi.
- 2018: **Student: Karuga TW (BDS).** Knowledge, attitude and perception of the diagnostic criteria for head and neck malignancies and their pre-malignant lesions among dental students in clinical years in the University of Nairobi.
- 2018: **Student: Kimathi DM (BDS).** Pattern of orofacial bacterial infections at the Kenyatta National Hospital dental unit, from January 2016 to December 2018.
- 2018: **Student: Chweya SW (BDS).** Oral health status and oral health related quality of life among patients attending diabetic clinic at Kenyatta National Hospital.
- 2018: **Student: Akumu M (BDS).** Knowledge, attitude and practice towards shisha smoking among senior year medical students of the University of Nairobi.
- 2017: **Student: Khimasia S (BDS).** Cytology of the oral mucosa in consumers of betel (areca) nut in Nairobi, Kenya.
- 2017: **Student: Gikonyo S (BDS).** Prevalence of use of water pipe smoking and awareness of its effects on oral health among dental students and architecture students at the University of Nairobi.
- 2017: **Student: Ronga TI (BDS).** Pattern of occurrence of adenoid cystic carcinoma at the University of Nairobi Dental School from 1999 – 2014.
- 2014: **Student: Mmaela S (BDS).** Knowledge of denture care among patients attending the Kenyatta National Hospital and University of Nairobi Dental Hospital.

2014: **Student Wangari CJ (BDS)**. Oral lesions and the self reported quality of life in 18 – 60 year old patients attending the comprehensive care centre at Kenyatta National Hospital.

### **SCIENTIFIC MEETINGS/CONTINUING MEDICAL EDUCATION**

- KMA (Speaker) COVID-19 webinar – policy and practice, 4<sup>th</sup> February 2021
- Ministry of Health symposium to develop eLearning materials for primary health care workers 23<sup>rd</sup> – 25<sup>th</sup> March 2021.
- 2021 UCSF global oral health symposium & COVID-19 conference (Keynote speaker), 29<sup>th</sup> April 2021.
- Dimba EAO. Dissemination of national screening guidelines for oral cancer. Keynote speaker – The Kenya Dental Association 37th Annual Scientific Conference and Exhibition , Lake Naivasha Resort , 17th to 19th October 2019.
- Gichana JO, Dimba EAO, Mikasi SG, Ikomey GM, Jacobs GB. Characterization of HIV Integrase resistance associated mutations among therapy naïve children from Yaounde, Cameroon. 4th Inter-CFAR Sub Saharan working group symposium, Feb 1 – 2, 2019.
- Mosoti MC, Dimba EAO, Awange DO, Wakoli KA. Oral Kaposi’s sarcoma in the University of Nairobi Dental Hospital (2005 – 2015). 4th Inter-CFAR Sub Saharan working group symposium, Feb 1 – 2, 2019.
- Dimba EAO, Awange DO, Wakoli KA, Gichana J, Ruto A. Oral manifestations of HIV in the post-HAART era. 4th Inter-CFAR Sub Saharan working group symposium, Feb 1 – 2, 2019.
- Overview of the Kenyan Health Care System. Azman Hashim Business School, Kuala Lumpur, Malaysia, 16th – 20th July 2018.
- Validation of National Cancer Screening Guidelines, 1st November 2018.
- Validation of draft National Tobacco Control Action Plan, 15th December 2017.
- Emergency Care Symposium, 29- 30th June 2017.
- Global Tobacco Dependence Treatment Summit, Mayo Clinic, Rochester Minnesota USA, project presentation, 21<sup>st</sup> – 25<sup>th</sup> May 2016.
- IAOP Keynote speaker, Lagos, Nigeria 8<sup>th</sup> – 10<sup>th</sup> September 2015.

- Organizer of 4 workshops (3 days per session), Tobacco cessation training for Oral Health Care Workers; 2<sup>nd</sup> quarter of 2015, University of Nairobi, Kenya Medical Training College and Moi University.
- UNES Grant writing workshop participant, Chiromo Conference Center, 2<sup>nd</sup> – 6<sup>th</sup> March 2015.
- Organizer of Training of Trainers workshop for tobacco cessation, School of Dental Sciences, 2<sup>nd</sup> – 6<sup>th</sup> February 2015.
- Guest speaker: 7<sup>th</sup> World Workshop on oral manifestations of HIV/AIDs: Hyderabad India, November 6 – 9<sup>th</sup> 2014.
- IADR African and Middle East Regional Scientific meeting. Presenter June 25 – 18, 2014.
- PHD Supervision training (PREPARE PROJECT), participant: 26<sup>th</sup> – 28<sup>th</sup> November 2013.
- Course organizer for Pathology Technicians Training Workshop, 8<sup>th</sup> – 9<sup>th</sup> March 2012.
- Consultant Editor for WHO booklet “Noma (cancrum oris) in the African Region; a situational analysis”. December 2011.
- Seminar Participation. Micro-Research Interdisciplinary Training Workshop, 14<sup>th</sup> – 25<sup>th</sup> November 2011.
- Seminar Participation. Training in Innovative Teaching Methodologies, 20<sup>th</sup> – 23<sup>rd</sup> June 2011.
- Guest Speaker for International Association of Oral and Maxillofacial Surgeons/ University of Nairobi Basic Medical and Dental Sciences Course: 1<sup>st</sup> – 5<sup>th</sup> March 2010.
- Seminar Participation. Kenya Hospices and Palliative Care Association – Palliative Care Course 12<sup>th</sup> – 16<sup>th</sup> July 2010.

**Referees available on request.**