

## CURRICULUM VITAE



EVELYN GACERI WAGAIYU  
B.D.S. (NAIROBI), MSc. (LONDON), PhD (NAIROBI)  
FADI, (USA) PFA (USA), FICD

- ❖ Associate Professor and  
Specialist Periodontologist,  
Department of Periodontology/Community and Preventive Dentistry  
University of Nairobi.
  
- ❖ Former Dean,  
School of Dental Sciences,  
College of Health Sciences,  
University of Nairobi.

Feb 2017

## PERSONAL DETAILS

**Name** **EVELYN GACERI WAGAIYU**

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## EDUCATION BACKGROUND

**Jan 2011 – Dec 2013** PhD in Periodontology University of Nairobi.  
**Title:** “A Comparative study to assess interleukin 1 polymorphisms in two Kenyan Coastal Communities”.

**1987 –1989** Masters of Science in Periodontology, University of London, United Medical and Dental Schools, Guys Hospital U.K.

**1978 –1983** Bachelor of Dental Surgery, University of Nairobi.

**1976 – 1977** East African Advance Certificate of Education, Limuru Girls School.

**1972 – 1975** East African Certificate of Secondary Education. St Teresa’s Girls Secondary School.

**1966 – 1971** Certificate of Primary Education. St Teresa’s Girls.

## PROFESSIONAL DEVELOPMENT

**Oct 2013** Fellow of International College of Dentists

**Feb–Mar 2010** Course in Advance Health Research Methods

**April 2011** Course in Scientific communication and publishing

**Sept 2004** Fellow Academy of Dentistry International- Awarded on 29<sup>th</sup> Sept.2004 Orlando Florida USA

**Sept 2004** Fellow Pierre Fauchard Academy- Awarded on 29<sup>th</sup> Sept 2004 Orlando Florida USA

**Jul –Aug 1992** Institution Building (IB): Strategic Management for the 90’s at The Centre for Development and Population Activities Washington D.C. U.S.A

## PROFESSIONAL AND DISTINGUISHED AWARDS

1. Awarded a mark of distinction with Masters of Science Degree University of London, 1989.

2. Technical Co-operative Training Award awarded by the Overseas Development Administration and administered by the British Council, 1987-1989.
3. Health Workforce and Institutional Excellence Awards, Nov. 2011. Certificate of Recognition for commitment to service. Sponsored by USAID, Capacity Kenya, World Health Organization, Ministry of Medical Services and Ministry of Public Health and Sanitation.

## PROFESSIONAL RECOGNITION AND LICENSURE

**Kenya:** Dental Surgeon – Medical Practitioners and Dentists Board No. B252, 1984.

: Specialist Recognition – Periodontologist, Medical Practitioners and Dentists Board. 23<sup>rd</sup> August 1993.

**United Kingdom:** Specialist Recognition by the British Society of Periodontology from 1989.

## PROFESSIONAL MEMBERSHIPS

- Kenya Dental Association (KDA)
- British Society of Periodontology (BSP)
- International Association for Dental Research (IADR)
- Kenya Medical Association (KMA)
- Kenya Medical Women’s Association (KMWA) – Life Member
- University of Nairobi Alumni – Bronze member

## POSITIONS HELD IN PROFESSIONAL ASSOCIATIONS

- **President** - Kenya Society of Periodontology and Implant Dentistry
- **Immediate past President** - International Association for Dental Research (IADR) - East & Southern African Division (E&SA) – 2010-2012
- **President** - International Association for Dental Research (IADR) - East & Southern African Division – 2008 – 2010
- **President-elect** IADR E&SA Division 2006-2008
- **Vice President** IADR E&SA Division 2004-2006
- Kenya Medical Women’s Association
  - served as **Treasurer** – 1985 – 1987
  - Served as **Secretary** – 1992 – 1994

## LEADERSHIP AND MANAGEMENT EXPERIENCE

### SENIOR LEVEL:

**Dean**, School of Dental Sciences (2009 – 2013) in charge of the academic programmes

**Chairman**, Department of Periodontology/Community and Preventive Dentistry (2006 – 2009) in charge of the academic program and administration.

**Chairman**, Board of Governors, Nyandarua Institute of Science and Technology 2014 to present.

**Nomination to the Medical Advisory Committee (MAC) Kenyatta National Hospital (KNH)** 23<sup>rd</sup> April 2012 for 3 (three) years. In charge of ensuring the smooth administration of clinical services in KNH, disciplinary matters of staff on clinical duties and research activities.

## **CONSULTANCY**

June 2012                      Facilitator for curriculum development of Periodontology, Community and periodontology clinical training modules at Kigali Health Institute, **Rwanda**

June 2016                      Facilitator for Training of PhD supervisors College of Health Sciences

## **LINKAGES AND COLLABORATIONS**

**Developed an active link with an external university:-**

- Nagasaki University Japan- April 2010 for five years initially: renewed in April 2015 for 5 years
  - Joint research project ongoing titled “Oral Health Survey in an area with limited Dental Services in Suba District, Kenya”
  - Working on launching a student and staff exchange program

## **STUDENT EXCHANGE PROGRAM**

Successfully negotiated to have two undergraduate students sponsored to participate in “**Dentsply International in conjunction with South African Dental Association - Student Clinician Programme**”. Every year two undergraduate students get an opportunity to interact with their peers in South Africa. They present their research findings at this forum. Period of collaboration 2009 – 2014.

## **SCIENTIFIC PUBLICATIONS**

1. Yoshihiko Hayashi, Hideki Fukuda, Takashi Matsuura, Kazuo Toda and Wagaiyu Evelyn G. Oral hygiene status among the Elderly in an area with limited access to dental services in a rural Kenyan community. Journal of Dentistry and Oral Health 2017: Vol 4:102
2. Muasya MK, Dienya TM, Wagaiyu EG, Nduati R and Kiarie JN. Capacity of Non-Tertiary Kenyan Health Facilities Selected for decentralized Dental Training. EAMJ vol 93 No 2 Feb 2016.
3. Simiyu B, Gathece L, Wagaiyu E. Knowledge, attitude and use of mouthwash among Dental and Medical students of the University of Nairobi. International Journal of Dentistry and Oral Health. 2016: Volume 2(4) page 2-6. <http://dx.doi.org/10.16966/2378-7090.198>

4. Mbabali M, Mulli TK, Wagaiyu EG. Salivary flow rate in adult Kenyans and its relationship with chronic periodontitis. *Journal of Dentistry and Oral Hygiene* 2016: Vol 8 (7) pp 37-42. Doi:10.5897/JDOH 2016.0199.
5. Hideki Fukuda, Toshiyuki Saito, Eunice Kihara, Cyril Ogada, Evelyn G. Wagaiyu, Yoshihiko Hayashi. Oral Hygiene Status of Chewing Stick Users in a Rural Kenyan Community. *OHDM - Vol. 15 - No. 2 - February, 2016*
6. Wambugu and Wagaiyu EG. Generalised inflammatory Gingival Enlargement associated with Mouthbreathing: A case report. *Journal of Kenya Dental Association* 2015: Vol 6 (4) 353-359.
7. Mwai GK and Wagaiyu EG. Diagnosis and management of Idiopathic Gingival Fibromatosis: A case report. *Journal of Kenya Dental Association*, 2015; Vol 6: 273-280
8. Gakonyo J, Butt F, Mwachaka P and Wagaiyu EG. Arterial blood supply variation in the anterior midline mandible: Significance to dental implantology. *International Journal of Implant Dentistry* (2015) 1:24-29
9. Wagaiyu EG, Bulimo W, Wanzala PN, Kaimenyi JT. Interleukin 1 polymorphisms and chronic periodontitis in Taita a rural population in Kenya. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 14, Issue 2 Ver. I (Feb. 2015), PP 36-43 [www.iosrjournals.org](http://www.iosrjournals.org)
10. Wagaiyu EG. Infection control: Level of awareness in Health Care Workers. Editorial in *Journal of Kenya Dental Association*, 2014, 5 (4): 2-3.
11. Wagaiyu EG, Bulimo W, Wanzala PN, Kaimenyi JT. Genetic polymorphisms in IL-1A and IL-1B isoforms and their relationship to chronic periodontitis in the Swahili people of Kenya. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* 2014; 13:7-15. 10.9790/0853-131120715
12. Wetende A, Wagaiyu EG, Macigo F, Joshi M and Chindia M. Pattern of gingival overgrowth among patients on antihypertensive pharmacotherapy at a Nairobi hospital in Kenya. *Open Journal of Stomatology* 2014; 4:169-173.
13. Yoshihiko Hayashi, Cyril N. Ogada, Eunice Kihara, Evelyn G. Wagaiyu, Hideki Fukuda. Oral health in 12 year old children in Mbita. *Journal of Dentistry and Oral Health. J Dent Oral Health*, 2014; 1:1-6.
14. Simiyu BN, Butt F, Dimba EA, Wagaiyu EG, Awange DO, Guthua SW, Slootweg PJ. Keratocystic odontogenic tumours of the jaws and associated pathologies: A 10-year clinocopathologic audit in a referral teaching hospital in Kenya. *Journal of Cranio-Maxillofacial Surgery*, 2013; 41:230-234.
15. Kihara EN, Opondo F, Ocholla TJ, Chindia ML, Wagaiyu E. 5-year audit of the range and volume of diagnostic radiographic services at the University of Nairobi Dental Hospital. *Open Journal of Stomatology*, 2012; 2: 234-236.
16. Butt FMA, Ogengo J, Bahra J, Chindia ML, Dimba EAO and Wagaiyu E. A 19 – year audit of benign jaw tumours and tumour – like lesions in a teaching hospital in Nairobi, Kenya. *Open Journal of Stomatology* , 2012,2; 54-59

17. Kaaria M, Wagaiyu EG and Mua BN. Periodontal treatment needs of psychiatric inpatients in Mathari Mental Hospital. *Journal of the Kenya Dental Association*. 2010; 1: 103-107.
18. Ali ST, Wagaiyu E, Macigo FG. Periodontal health status of HIV infected adults in Kenyatta National Hospital. *Journal of the Kenya Dental Association*. 2009; 1: 17-25.
19. Wagaiyu EG, Nganga RN and Kemoli A. Hereditary Gingival Fibromatosis: A case series. *East African Medical Journal*. 2009; 82:491-493.
20. Ngatia EM, Gathece LW, Macigo FG, Mulli TK, Mutara LN, Wagaiyu EG. Nutritional and oral health status of an elderly population in Nairobi. *East African Medical Journal*. 2008; 85: 378-381.
21. Macigo FG, Gathece LW, Guthua SW, Njeru EN, Wagaiyu EG, Mulli TK. Oral hygiene practices and the risk of oral leukoplakia. *East African Medical Journal*. 2006; 83: 73-78.
22. Wagaiyu EG, Macigo FG and Muniu EM. Pattern of bone loss in dry mandibles of Individuals who died before 1957. *East African Medical Journal*. 2005; 82: 509-513.(October 2005)
23. Mutara L.N., Ngatia E.M., Macigo F.G., Gathece L.W., Wagaiyu E.G., and Mulli T.K. Oral Health Seeking Behavior among the elderly (45-80 years) in Kenya. *Africa Journal of Oral Health Sciences*. 2004; 5: 206-210.
24. Wagaiyu, E.G., Mulli, T.K. , Ngatia, E.M., Macigo, F.G., Gathece, L.W. and Mutara, L.N. Oral health status of an elderly population in Nairobi, Kenya. *Africa Journal of Oral Health Sciences*. 2004, 5: 198-205.
25. Ashley F.P., Usiskin L.A., Wilson R.F and Wagaiyu E.G. The relationship between irregularity of the incisor teeth, plaque and gingivitis: a study in a group of school children aged 11-14 years. *European Journal of Orthodontics*. 1998; 20: 65-72.
26. Jahil R A, Ashley F P Wilson R.F. Wagaiyu E.G Concentrations of thiocyanate, hypothiocyanite, "free" and "total" lysozyme, lactoferrin and secretory IgA in resting and stimulated whole saliva of children aged 12-14 years and their relationship with plaque accumulation and gingivitis. *Journal of Periodontal Research*. 1993; 28: 130-6.
27. Nzioka B.M, Nyaga J.K., Wagaiyu E.G The relationship between tooth brushing frequency and personal hygiene habits in teenagers. *East African Medical Journal*. 1993; 70: 445 – 448.
28. Wagaiyu E.G and Wagaiyu C.K. Prevalence of juvenile periodontitis in National Youth Service Trainees. *East African Medical Journal*. 1992; 69: 31-33.
29. Wagaiyu E.G, Ashley F.P. Mouthbreathing, lip seal and upper lip coverage and their relation to gingival Inflammation in 11-14 year old school children. *Journal of Clinical Periodontology*. 1991; 118: 698 – 702.

30. Wagaiyu, E.G. and Kaimenyi, J.T. Frequency of Alveolar Osteitis (Dry Socket) at Kenyatta National Hospital, Dental Outpatient Clinic-A retrospective study. *East African Medical Journal*. 1989; 66: 658-662.
31. Wagaiyu EG (2013) PhD Thesis, University of Nairobi. A Comparative study to assess interleukin 1 polymorphisms in two Kenyan Coastal Communities. University of Nairobi Library.
32. Wagaiyu, E.G. (1989) M.Sc. THESIS, University of London. Mouth breathing, Lip Seal and Upper Lip Coverage and their relationship to Gingival Inflammation-University of London Library.
33. Wagaiyu, E.G. Epidemiology of Periodontal Diseases in the National Youth Service Trainees: Research Report Dean's committee 1987.
34. Wagaiyu, E. G. Periodontal Aspect of Dentine Sensitivity and its Management. *Africa Journal of Oral Health Sciences*. 2003; 4: 198-200.
35. Wagaiyu, E.G. and Chindia, M.L. Behcet's Syndrome presenting with chronic periodontitis; a case report. *East African Medical Journal*. 1992; 69: 596 – 598.
36. Kaimenyi, J.T., Wagaiyu, E.G. and Ndungu, E.L Review article: Efficacy of Traditional Chewing Sticks in Plaque control. *East African Medical Journal*, 1987; 64: 624-627.
37. Wagaiyu E.G and Kikwili E. Prevention of Oral Diseases. In: *Oral Health Care for Socially Disadvantaged Communities*. Editor: FK Kahabuka, Nova Biomedical Books New York: 2011; 269-281. ISBN 978-1-62948-287-3.
38. Mumghamba E and Wagaiyu E.G. Management of Periodontal Diseases. In: *Oral Health Care for Socially Disadvantaged Communities*. Editor; FK Kahabuka, Nova Biomedical Books New York. 2011; pages 81-132. ISBN 978-1-62948-287-3.
39. Wagaiyu E. Distance Education Module and e-learning. Module 1: Normal Anatomy, Classification Systems, the Aging Periodontium and Epidemiology of Periodontal Diseases. Nine (9) Chapters. Published.
40. Wagaiyu E. Periodontal Diseases in Kenya. A chapter in a book titled "Oral Diseases and Oral health Services in Kenya". Edited by Dr F.G. Macigo. The first draft submitted to the editor in September 2011.
41. Gakonyo J, Butt F, Mwachaka P and Wagaiyu EG., et al Arterial blood supply variation in the anterior midline mandible: Significance to dental implantology. *Journal of Dental Research* Nov 2015
42. Mwai GK and Wagaiyu EG: Diagnosis and management of Idiopathic Gingival Fibromatosis: A case report. *Journal of Dental Research* Nov 2015
43. Mbabali M, Mulli TK and Wagaiyu EG. Saliva flow rate in an adult Kenyan Population. *Journal of Dental Research* November 2015
44. Wagaiyu EG. Case reports and case series: How and why? *Journal of Dental Research* November 2015

45. Simiyu BN, Wagaiyu EG, Dimba EAO, Awange. Pattern of occurrence and clinicopathological features of Keratocytis odontogenic tumour in patients at the University of Nairobi Dental Hospital. *Journal of Dental Research* October, 2010.
46. Choene HC, Wagaiyu EG. Knowledge, practice and choice of dentifrice by dental students. *Journal of Dental Research* September, 2009.
47. Watende AM, Wagaiyu EG, Macigo FG, Joshi M. Pattern of gingival overgrowth among hypertensive patients at KNH. *Journal of Dental Research* September, 2009.
48. Katiti JM, Wagaiyu EG. Dental phobia and its effects on oral healthcare seeking behavior. *Journal of Dental Research* September, 2009.
49. Kaaria M, Mua BN, Wagaiyu EG. Periodontal treatment needs of psychiatric inpatients in Mathari mental hospital. *Journal of Dental Research*. Abstract 21, 2008.
50. Irungu WP, Macigo FG, Wagaiyu EG. Social-demographic characteristics of patients with periodontitis visiting University of Nairobi dental hospital. *Journal of Dental Research* Abstract 20, 2008.
51. Oganda C, Wagaiyu EG. Knowledge, attitude and practice of patients on plaque and calculus as causative agents of periodontal disease. *Journal of Dental Research* Abstract 18, 2008.
52. Osundwa MT, Dimba E, Nyamu E, Njiru W, Wagaiyu EG. Adenocarcinoma: A case report and review of the literature. *Journal of Dental Research* Abstract 10, 2008.
53. Ashley, F.P., Wagaiyu E.G. and R.F Wilson Relationship Between incisor crowding and gingivitis. *Journal of Dental Research*. April, 1992.
54. Jalil R.A, Ashley F.P, Wilson R.F, Wagaiyu E.G, Salivary defense factors related to plaque and gingivitis in schoolchildren. *Journal of Dental Research* Abstract 84, 1990.
55. Wagaiyu E.G, Ashley F.P, Mouth breathing, lip seal and coverage and their relationship to gingival Inflammation. *Journal of Dental Research*, Abstract 160, April 1990.
56. Wagaiyu, C.K., Wagaiyu, E.G. Valderhaug, J A Survey of Dental Caries and Fluorosis in Kenya National Youth Service Trainees. *Journal of Dental Research*, Abstract 58, 1989.
57. Wagaiyu, E.G., Wagaiyu, C.K., Valderhaug, J. and Anderberg, P. A Survey of periodontal health in Kenya National Youth Service Trainees. *Journal of Dental Research*, Abstract 73, 1989.

#### **NATIONAL POLICY GUIDELINES – MINISTRY OF PUBLIC HEALTH AND SANITATION**

58. National Infection Prevention and Control Policy for Health Care Services in Kenya – contributed to the preparation of the published document. Policy launched on 22<sup>nd</sup> December 2010 by Minister of Public Health and Sanitation.



59. National Infection Prevention and Control Guidelines For Health Care Services In Kenya - contributed to the preparation of the development of guidelines which were launched in 22<sup>nd</sup> December 2010 by the Minister of Public Health and Sanitation

#### Un-refereed Articles

60. Wagaiyu EG; Update on Periodontal Therapy. Kenya Dental Association Newsletter Nov 2005
61. Wagaiyu EG; Interrelationships between Diabetes and the Periodontium. Kenya Dental Association Newsletter Nov 2005
62. Wagaiyu E, G. Gum Disease : Prevention, Detection and Treatment Maendeleo Magazine Nov/Jan Issue, 2003
63. Wagaiyu, E,G .Dry socket, MEDICUS, Oct. 1986
64. Wagaiyu, E,G. The training at the Dental School, Nairobi, and its relevance to the practice of dentistry, MEDICUS, Oct. 1985

#### **PARTICIPATION IN CURRICULUM DEVELOPMENT**

- Masters in Dental Surgery, Periodontology – 2007
- Bachelor of Dental Surgery – reviewed in 2012
- University of Nairobi HIV Fellowship Program – 2010 (UNITID)
- Fellowship in Clinical Infectious Diseases – 2013, Department of Clinical Medicine and Therapeutics
- Review of Masters in Dental Surgery, Periodontology – 2013-2014
- Bachelor of Dental Surgery – Rwanda 2012
- Bachelor of Dental Surgery – Kampala International University 2014

#### **PARTICIPATION IN THE ORGANISATION OF SCIENTIFIC CONFERENCES**

1. Facilitator PhD training of supervisors 6 – 9 June 2016 at College of Health Sciences.

#### **MEMBERSHIP TO SOCIAL CLUBS AND CHURCH**

1. Nairobi Club
2. Karen Country Club
3. United Kenya Club
4. Karen Parish Church, Nairobi – Ordained a Church Elder on 3<sup>rd</sup> January 2010
5. Chairman of Local Church Committee, PCEA Karen Church. Organized and sourced for funds to construct and built a Sanctuary in 2015. Sanctuary dedicated on 10<sup>th</sup> May 2015

#### **HOBBIES**

General reading, swimming, hiking and jogging

## REFEREES

Prof. J T. Kaimenyi, PhD, EBS  
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Prof. Evelyn G. Wagaiyu, BDS (Nrb), MSc (Lond), PhD (Nrb), FPA, FADI