

CURRICULUM VITAE



Dr. Susan Wanjiku Maina BDS (Nbi), MSc (USA), AEGD & Aesthetic Dentistry (USA), FICD, OGW.

ADDRESS:
TELEPHONE

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EMAIL:

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DATE OF BIRTH:

January 25th. 1958

SEX:

Female

MARITAL STATUS:

Single

CURRENT POSITION:

Senior Lecturer; Dept. of Conservative
& Prosthetic Dentistry.

Educational Background

2014: PhD Program (December 2013 –August 2016)

University of Nairobi

2014: MSc Restorative and Aesthetic Dentistry (Jan 2014 –Jan 2017) University of Manchester UK.

1993: Master of Science (**MSc**)

University of California at Los Angeles

1993: Advanced Education in General Dentistry (**AEGD**).

University of California at Los Angeles

1993: Aesthetic Dentistry

University of California at Los Angeles

1984: Bachelor of Dental Surgery (**BDS**)

University of Nairobi

1978: Kenya Advanced Certificate of Education (**KACE**)

Alliance Girls High School

1976: Kenya Certificate of Education (**KCE**)

Kapkenda Girls High School

1972: Certificate of Primary Education (**KCPE**)

St. Patrick's Primary School

Awards and Recognition

- 2016: Nominated to **Pierre Fauchard Academy (PFA)** Fellowship.
- 2015: Nominated to the membership of Academy of Dentistry International.
- 2013: Fellow of the **International College of Dentists**.
- 2012: Recognized for prudent management of project funds by FDI World Dental Federation.
- 2011: Presidential Award- **Order of Grant Warrior (OGW)**.
- 2010: Recognized by Kenya Dental Association for outstanding performance as treasurer.
- 2008: Recognized by FDI World Dental Federation for outstanding performance in the Live Learn Laugh Phase I project.
- 2007: Recognized by Grace Community Church for community service and fundraising for construction of Neema Hospital.
- 1991: USAid Scholarship to pursue MSc degree in the University of California at Los Angeles.
- 1976: Best student in 1976 "O" levels Kapkenda Girls High School.
- 1972: Best pupil in 1972 KCPE St. Patrick's Primary School.

Employment

- 2001 to date Senior Lecturer, Department of Conservative and Prosthetic Dentistry.
- 1994-2001 Lecturer, Department of Conservative and Prosthetic Dentistry.
- 1989-1994 Assistant Lecturer, Division of Conservative Dentistry.
- 1986-1989 Tutorial Fellow, Division of Conservative Dentistry.
- 1985-1986 Dental Officer Nakuru Provincial General Hospital.
- 1984-1985 Dental Intern Kenyatta National Hospital.

Undergraduate teaching experience

- 2002-2007: Chief examiner of four courses, BDS University examinations, Science of Biomaterials, Dental Mechanics, Prosthetic Dentistry & Conservative Dentistry, Crown and Bridge.
- 1986 to date: Lectures and tutorials to 3rd and 4th year BDS students –Conservative Dentistry,
- 1986to date: Clinical teaching to BDS students in Conservative Dentistry, Crown and Bridge.
- 1995 -1999: Internal Examiner BDS II & III Science of Dental Materials -UON.
- 1994 to date: Internal Examiner -Conservative Dentistry, Crown and Bridge, UON.
- 1996: External supervisor, BDS III undergraduate research project in Community &Preventive Dentistry.

Postgraduate teaching experience

2007 to date: Lectures, seminars and tutorials for MDS Prosthodontics, VPD 601, 701 and 801.

2007 to date: Clinical teaching MDS Prosthodontics, VPD 601 & VPD 701.

2010 to date: Lectures to MDS (Periodontology) VPC701: Restorative Dentistry.

2007 to date: Internal Examiner MDS Prosthodontics VPD 601 & VPD 701.

2010 to 2015: Internal Examiner MDS Periodontology, VPC701: Restorative Dentistry.

2007 Chief examiner MDS Prosthodontic course.

Postgraduate thesis supervision at University of Nairobi

Completed

2008-2014: Dr. Katoto L. Internal and External Root Morphology of 2nd Maxillary and Mandibular.

2011-2014: Dr. Gaichu JK. Root canal morphology of permanent mandibular incisors in a Kenyan population. *One paper in press African. J. Oral Health Sci.*

2010-2013: Dr. Ariemba MR. Reliability of the Nasal and Inner-Canthal Widths in Estimating the Mesio-distal Widths of the Maxillary Anterior Teeth in a Kenyan population.

2007-2010: Dr. Nyaga JM. Internal and External Tooth Morphology of First Maxillary and Mandibular Molars of a Kenyan Population. *Two papers publish EAMJ.*

2003-2005: Dr. Ng'an'ga R. The Internal and External Tooth Morphology of Premolar Teeth of Kenyan Population of African Descent by University of Nairobi – *Two papers published in EAMJ.*

On-going

2011-2014: Dr. Ombuna. Assessment of the geometry of tooth preparation on dies for full crowns and bridge retainers in selected dental laboratories in Kenya.

Examination of thesis (UoN)

2014: Dr. Katoto L. Internal and External Root Morphology of 2nd Maxillary and Mandibular Molars.

2013: Dr. Nyaata FB. A clinical, radiological and microbiological evaluation of root –filled teeth with post treatment disease in a Kenyan population.

2013: Dr. Ariemba MR. Reliability of the Nasal and Inner-Canthal Widths in Estimating the Mesio-distal Widths of the Maxillary Anterior Teeth in a Kenyan population.

2010: Dr. Kassim BA. The Efficiency of light Curing Units in Dental Clinics in Nairobi Kenya.

2010: Dr. Nyaga JM. Internal and External Tooth Morphology of First Maxillary and Mandibular Molars of a Kenyan Population.

2009: Dr. Kasami S. Oral Health Status of 3-12 year Olds in Relation to their Mothers 'oral Health in Nairobi, Kenya.

2005: Dr. Ng'an'ga R. The Internal and External Tooth Morphology of Premolar Teeth of Kenyan

Population of African Descent.

External examiner

2010: External examiner BDS III Conservative Dentistry and Prosthetics, Moi University, Eldoret.

Other current responsibilities

- Coordinator Postgraduate: Supervision and research for postgraduate students in Prosthodontics.
- Chairman: Development and Rehabilitation Committee, School of Dental Science.
- Chairman: BDS Student Clinical Requirement committee.
- Member of School of Dental Science board.
- Member of School of Dental Science examination board.
- Academic counselling and mentoring 3rd and 4th years BDS students.
- Member of BDS Curriculum Review Committee School of Dental Sciences.

Previous responsibilities

July 2002- July 2008: Chairman Department of Conservative and Prosthetic Dentistry.

July 2002- July 2008: Member of the Senate-University of Nairobi.

July 2002- July 2008: Member College of Health Science Academic Board.

2004-2006: Chairman of the development of Prosthodontic Curriculum Committee.

2011: Member Developed Leadership and Management Curriculum course for postgraduate and undergraduate student -School of Dental Sciences.

Consultancies

2010: Leader dental amalgam initiation of separators in East Africa-FDI World Dental Federation and United Nation Environmental Program.

2009: Lead consultant -American Dental Association project development and implementation in Kenya.

2006-2013: Project coordinator FDI World Dental Federation, Live Learn Laugh project in Kenya.

School Subcommittees chaired current and past

- Development and Rehabilitation Committee, School of Dental Science
- BDS Student Clinical Requirement Committee.
- Procurements and technical evaluation Committee-past.
- Income generating activities Committee-past.
- School of Dental Science Dress code Committee-past.

National responsibility

2012-2015: Parent Teacher Association-Kiriani Girls Muranga.

2009-2011: Parent Teacher Association-Mangu High School.

Publication in Peer reviewed journals (15)

- 1 **Maina, SW**, Dimba, E, Oyugi J O, Mwangi, JW, Kabuitu, SK, Dienya TM. (2015). Elimination of Biofilms in root canal system –A literature review. *J. Oral Health Sci.* (3):19-25.
- 2 **Maina SW, Dimba E, Oyugi JO Mwangi JW, Kabuitu, STK.** (2015). Antimicrobial Efficacy of Azadirachta indica (Neem) Twigs Aqueous and Ethanol Extracts on Tooth Root Canals Biofilms. *Inter. J. Pharmco. Phytochem.*; 7(4):735-739.

- 3 Maina SW, Nyaga J M, Kisumbi, B, Kassim, A.B. (2015). Is the safety of Dental Amalgam still in Question? A literature review: African. *J. Oral Health Sci.*, 2(2):3-9.

- 4 Hescot P, China E, Bourgeois D, **Maina S**, Monteiro da Silva O, Jean Luc E, Simpson C, Horn V. (2013).The FDI African Strategy for Oral Health: Addressing the Specific Needs of the Continent. *Inter. Dent. J.*, 63: 113–120.
- 5 Muriithi NJ, **Maina SW**, Okoth J, Gathece LW. (2012). Internal Root Morphology in Mandibular First Permanent Molars in a Kenyan population. *East Afr. Med. J.*, 89(5):166-171.
- 6 Nyaga JM, **Maina SW**, Okoth J and Gathece L. (2011). Internal Root morphology in maxillary first molars in a Kenya population. *East Afr. Med. J.*, 88(3):86-92.
- 7 Ng'an'ga R N, Masiga MA, **Maina SW**. (2010). Internal Root Morphology of the Maxillary first Premolar tooth in Kenyans of African descent. *East Afr. Med. J.*, 87(1):20- 24.
- 8 Ng'an'ga R N, Masiga MA, **Maina SW**. (2009). External Root Morphology of the First Maxillary Premolars of Kenyans Africans. *East Afr. Med. J.*, 86(12):539-544.
- 9 Kihara, EN, Mutara L, **Maina SW**, Kisumbi B. (2009). Pit and fissure sealants: knowledge, attitude and use by dentists in Nairobi. *J. Ken. Dent. Ass.*, 3: 65-71.
- 10 **Maina SW**, Arithi M, Kerich E, Kihama J and M'mongera M. (2000).The Success Rate of Pulp Capping. *Afr. J. Oral Health Sci.*, 1 (2): 5-7.
- 11 Wolinsky, LE, **Maina SW**, Nachnani S, Ling S. (1996).The Inhibiting Effects of Aqueous Azadirachta Indica (Neem) Extract upon Bacterial Properties influencing in vitro Plaque Formation. *J. Dent Res.*, 75(2): 816-822.

- 12 Kaimenyi JT, Ndungu FL, **Maina SW**, Chindia M. (1993). Oral Hygiene Habits and Dental Health Awareness of Kenyan Children aged 9 years in Peri-urban and Urban school. *East Afr. Med J.*, 70(2): 67-70.
- 13 **Maina SW**, Ng'ang'a PM. (1991). Root Canal Treatment and Pulpotomy in Kenya. *East Afr. Med J.*, 68(4): 243-8.
- 14 **Maina SW**, Wagaiyu CK.(1990). The Average Human Tooth Lengths for Black Kenyan Population. *East. Afr. Med J.*, 67(1):33-8.
- 15 **Maina SW**, Lesan WR. (1988). Dental Plaque and Gingival condition of Mentally Handicapped Children in Mathare Special Training Centre Nairobi, Kenya. *East Afri. Med J.*, 65(5): 330-4.

In press

Publication of chapters in e-books

- **Maina SW**, Kassim BA, (2014) VDS 450: Module V: Esthetic Dentistry. *E-learning module developed for the School of Dental Sciences in collaboration with the Centre of Open and Distance Learning University of Nairobi. Available www.uonbi.ac.ke*

In press

- Chapter in e-books **Maina SW**, Kassim BA, Nyaga JM. **E Module: VDS 450: Conservative Dentistry and Crown /Bridge. Module V: Esthetic Dentistry. Part 11.**

Books

- Live Learn Laugh. A celebration of the Live Learn Laugh Partnership, Kenya Project. 2004-2009 pg. 45-53. *FDI World Dental Federation, Author Salt www.saltlondon.com.*
- Chapter 23. **Maina SW**. Aesthetic Dentistry -Handbook in Restorative Dentistry for Students. Prof. W. Lesan (*in preparation*).
- **Maina SW**. A Handbook in Esthetic Dentistry (*in preparation*).
- **Maina SW**. Basic Conservative Dentistry student manual (*in preparation*).

Published abstracts

1. Kisumbi BK, **Maina SW**, Simila H.O, Kassim BA, Dienya TJ, Osiro AO, Kinoti M, Gathece LW. **Dental amalgam: her true story and best management practice.** 30th Kenya Dental Association Conference & Exhibition, 11th to 13th October, 2012, Panafric Hotel Nairobi, Kenya.
2. Kihara, EN, Mutara L, **Maina SW**, Kisumbi B. **Pit and fissure sealants: knowledge, attitude and use by dentists in Nairobi.** 2009; *Journal of Dental Research*.
3. **Maina S.W**, Arithi M, Kerich E, Kihama J and M'mongera M. **The Success Rate of Pulp Capping (Retrospective Study).** *J Dent. Res. Abst.* 39 pg. 29.
4. Wakiaga JM, **Maina SW** and Kisumbi BK. Incidence of the **Second Canal the Upper Second Premolar.** *Journal of Dental Research* 13th Annual Scientific Conference of the East and Southern Division of IADR 2000 Abst. 40 pg. 29.

5. **Maina SW**, Wolinsky LE. **The Plaque Inhibiting Properties of Aqueous Extracts of Neem.** *J Dent Res.* 1999 May; 78(5): 1094.

Articles

1. **Maina S. W.** Report on *Oral Health Care for Older Persons Workshop*, 22nd & 23rd November 2013, Johannesburg SA. *Commonwealth Dental Association Bulletin*-May, 2014.
2. **Maina S. W.** Reaching out to the needy children with oral Health Education and Intervention. *Commonwealth Dental Association Bulletin*-July 2009; Pg-2-4.
3. **Maina S.W.** The practical application of ART. *Commonwealth Dental Association News* No.9, 2000 Pg.3.
4. **Maina S.W.** Aesthetic Dentistry in the U.S.A. *TFD Times.* No 8, 1993

Abstracts presentations in local and international conferences (16)

1. **Maina SW**, Ndegwa L, Wamai J. "Reaching out to Needy Children with Oral Health Education and Intervention. Partial Results. Poster presentation at the 101th Annual World Dental Federation Congress 29th August 2013 Istanbul, Turkey.
2. **Maina SW**, Ndegwa L, Wamai J. "Reaching out to Needy Children with Oral Health Education and Intervention. 100th Annual World Dental Federation Congress 28th -31st August 2012; Hong Kong, China (Poster).
3. **Maina SW**, Ndegwa L, Gichagi C. Evaluation of the LLL project "Reaching out to Needy Children with Oral Health Education and Intervention. In the 4th Regional Workshop for Africa and Middle East and Turkey Region, 28th April - 1st May 2009; Nairobi Safari Park, Nairobi.
4. **Maina SW**, Ndegwa L, Gichagi C. Report on:"Reaching out to the Needy Children with Oral Health Education and Intervention, Oral health Status and Practices". 3rd LLL Regional Workshop for Africa, Middle East and Turkey, 1st -7th March 2008; UAE Dubai.
5. **Maina SW**, Ndegwa L, Gichagi C. Report on: "Reaching out to the Needy Children with Oral Health Education and Intervention, Oral Health Status and Practices." 2nd LLL Regional Workshop for Africa Middle East and Turkey 13th -16th June 2007; Turkey.
6. **Maina SW**, Ndegwa L, Gichagi C. 1st Live Learn and laugh (LLL) Regional Workshop for Africa, Middle East and Turkey held in Report on: "Reaching out to the Needy Children with Oral Health Education and Intervention, - Oral Health status and practices"; 27th Feb to 4th March 2006; UAE Dubai.
7. **Maina SW**, Muriithi L. Caries Experience among Males and Females School Children in Kiriyaga District Kenya. The First African and Middle East International Association of Dental Research Federation Conference 26th - 29th September 2005; Kuwaiti.

8. **Maina SW**, Muriithi L. Relationship between soft drinks and Caries. Ist Joint Congress of the East and Southern Africa and Kuwaiti Divisions; West African and Jordanian Sections of International Association of Dental Research (IADR) 25-28th August 2004; Nairobi Kenya.
9. **Maina SW**, Wolinsky E. Inhibiting effects of Neem Extracts on Glucan Synthesis. Joint Congress of the South African and East and Southern Division of IADR, August 2002; Durban, South Africa.
10. **Maina SW**, Ng'an'ga P. Dentist's knowledge, attitude and use of pit and fissure sealants in Kenya. 15th Congress of the International Association of Dental Research 31st October -2nd November 2001; Blantyre, Malawi.
11. **Maina SW**. The Practical Application of ART. 14th Congress of the East and Southern Africa Division of the IADR August 30- 2 September 2000; Harare, Zimbabwe.
12. **Maina SW**. ART Application in Kenya. International Association of Dental Research, East and Southern Africa Division Oral Health Symposium 30th June 2000; Nairobi.
13. **Maina SW**, Arithi M, Kerich E, Kihama J and M'mongera M. The Success Rate of Pulp Capping (Retrospective Study). 13th Annual Scientific Conference of the East and Southern Division of the International Association of Dental Research, 3rd-5th November 1999; Kampala, Uganda.
14. **Maina SW**, Wolinsky LE. The Plaque Inhibiting Properties of Aqueous Extracts of Neem. At the 12th Annual Scientific Conference of the East and Southern Africa Division of the International Association of Dental Research 28-30th October 1998, Nairobi, Kenya.
15. **Maina SW**, Ng'an'ga P.M. Patients Attitude, Knowledge and attendance towards Dental Treatment. At the 4th Annual Scientific Conference of the Eastern and Southern Division of the International Association of Dental Research, 17-24th September 1989; Dar es Salaam, Tanzania.
16. **Maina SW**, Wagaiyu C. The Average Human Tooth Lengths for Black Kenyan Population. At The 3rd Annual Scientific Conference of the Eastern and Southern Division of the International Association of Dental Research, 25-29th April 1988, Morogoro, Tanzania.

Research in Progress

1. **Maina, S.W.**, Dimba, E., Oyugi J. O., Mwangi, J. W. Kabuitu, S.T. K. Antimicrobial Efficacy Of Selected Medicinal Plants Extracts on Tooth Root Canals Biofilms. *At data analysis and start of thesis writing (PhD)*.
2. **Maina SW.**, Wamai J., Ndegwa LW., Data analysis on Reaching out to Needy Children with Oral Health Education and Intervention Phase 1 and II. *Data analysis*.
3. Dr. Ombuna., **Maina SW.**, Kisumbi BK., Kassim BAAK. Assessment of the geometry of tooth preparation on dies for full crowns and bridge retainers in selected dental laboratories in Kenya.

Research completed-thesis

- **Maina SW.** The Plaque Inhibiting Properties of Aqueous Extracts of Neem *Azadirachta indica*. A thesis submitted in partial satisfaction of the requirement for the degree Master of Science in Oral Biology at University of California at Los Angeles 1993.

Lectures presentation on invitations

1. **An East African perspective:** Role of the dentists in times of national conflict and its casualties. Commonwealth Dental Association Workshop 5-6th May 2015, Manchester Central Convention Centre, Manchester, UK.
2. **Oral Health care for older Persons.** Commonwealth Dental Association Workshop Hotel 54 On Bath Rosebank, Johannesburg, South Africa 23rd November 2013.
3. FDI World Dental Federation Vision 2020; **Opportunities and Threats in Africa-** 28th August 2012, Hong Kong Convention and Exhibition Centre China- By FDI World Dental Federation. In the FDI World Dental Congress General Assembly A.
4. **Esthetic Laboratory Communication-** By Dean School of Dental Sciences University of Nairobi- June 2009.
5. **Migration of Health workers in Kenya-** Commonwealth Migration Symposium 16-18 June, 2009; Gaborone Botswana.
6. **Project Communication, the Channels and Challenges.** FDI/Unilever Partnership 27th Feb to 4th March 200; Dubai.
7. **The Practical Application of A traumatic Restorative Treatment and Hands On.** By the Commonwealth Dental Association, 14TH Congress of the East and Southern Division of the International Association of Dental Research August 30th-2nd September 2000; Harare, Zimbabwe.
8. **Prevention of Oral Diseases-** Grace Community Centre (GCC) on their Sixth Anniversary Celebrations 2010. Invited by the Board of Trustee GCC.
9. **Oral Health Practices.** Invited by PCEA Church Kahawa Sukari, during their annual health week given to the church congregation.
10. **HIV/AIDS the Reality.** To the Youth of PCEA Kahawa Sukari- June 2005.

Conferences, Workshops, symposium and Professional meeting attended (54)

2015: FDI Annual World Dental Congress Bangkok Thailand, 22-26th September 2015.

2015: British Dental Association Annual Congress and Exhibition, Manchester UK, 4th -8 May 2015.

2014: Writer's e-learning workshop. Multimedia University July 9th to 15th 2014.

- 2014: Orientation workshop for tutors to support students on face to face and online learning 20th - 22nd May 2014; at Chiromo Computer laboratory, UON.
- 2014: FDI Annual World Dental Congress New Delhi India 11-16th September 2014.
- 2013: The 31st Kenya Dental Association Annual Scientific Conference and Exhibition held 17-19th October 2013 at The Mombasa Continental Hotel, Mombasa.
- 2013: FDI Annual World Dental Congress, 28th -31 August 2013; Istanbul Turkey.
- 2013: An e-learning writer's workshop, June 23rd -29th 2013; Naivasha, Kenya.
- 2012: South African Dental Association and International Dental Exhibition and Congress 31st -1 November 2012; CICC Cape Town SA.
- 2012: The 7th Triennial Meeting of Commonwealth Dental Association 2- 3 November 2012 CICC, Cape Town South Africa.
- 2012: African Submit –Oral health Strategy for Africa 29th- 30th October 2012 Cape Town SA. 30th Kenya Dental Association Conference & Exhibition, 11th to 13th October, 2012, Panafric Hotel Nairobi, Kenya.
- 2012: 100th Annual World Dental Federation Congress 28th -31st August 2012; Hong Kong, China.
- 2012: Live Learn Laugh Phase 11 Global Workshop 13-15 February 2012; Istanbul Turkey.
- 2011: Inter-Governmental Negotiating Meeting on Mercury 4-6 October 2011; UNEP Nairobi Kenya.
- 2011: Work shop on Phase II LLL project 2-4th May 2011; Manila Philippines.
- 2011: Leadership and Management Curriculum Workshop- By MSH –Elementaita Country Lodge 16-18th March 2011.
- 2010: Work shop on Phase II LLL implementation and communication 14-17th June 2010; Hong Kong.
- 2010: South African Dental Association International Dental Exhibition and Congress 28th-2 September 2010; ICC Durban SA.
- 2010: Kenya Dental Association Annual Scientific Conference 21-23 September 2010; Crown Plaza Nairobi, Kenya.
- 2010: FDI World Dental Congress, Salvador Brazil Bahia Convection and Exhibition Centre 31st August to 5th Sept 2010; Salvador Brazil.
- 2010: Africa Regional Organization and FDI World Dental Federation Strategic work shop for Oral health in Africa October-29-31st 2010; ICC Durban, South Africa.

2010: Caries Initiative forum 31st 10. 2010; ICC Durban, South Africa.

2009: The 2nd AMER Scientific Conference held in Conjunction with Kenya Dental Association 21st to 25th Sept 2009; White Sands Hotel Mombasa, Kenya.

2009: FDI World Dental Congress – Singapore International Convention and Exhibition Centre 31-August to 5th September 2009; Singapore.

2008: Live Learn Laugh Workshop FDI/Unilever March 2008: UAE Dubai.

2007: FDI Annual Scientific Congress and Dental Exhibition October 20th –27th 2007, UAE Dubai.

2007: FDI/Unilever work shop on Phase I, data collection and analysis, 14th-16th June 2007; Istanbul Turkey

2007: Rapid Result Initiative Work shop Utalii Hotel Nairobi May 2007.

2007: ISO training for Administrators University of Nairobi February 2007.

2006: 24th Annual Scientific Conference and Exhibition. Theme: Enhance Oral Health Care Delivery Through Continues Education. 26th –28th October 2006; Panafic Hotel, Nairobi.

2006: FDI Annual World Dental Congress 18th-23th September 2006, Shenzhen China.

2006: 84th General Session of the International Association of Dental Research and 1st Pan Asian Federation meeting 27 June-1st July 2006, Brisbane, Australia.

2006: FDI/Unilever Global LLL Phase I Project plans work shop, March 2006; UAE Dubai.

2006: An in House Training Programme on Financial Management and Human Resource Management for Chairmen of Departments of the University of Nairobi. 2-4th February 2006; KCCT, Mbagathi, Nairobi

2005: 23rd. Kenya Dental Association Annual Scientific Conference and Exhibition October 2005; Hilton Hotel Nairobi.

2005: The 83rd General Session of the International Association of Dental Research and The 34th Annual meeting of American Association of Dental Research, 9-12 2005; Baltimore USA.

2004: 1st Joined Congress of the East and Southern Africa and Kuwaiti Divisions; West African and Jordanian Sections. 26th-28th August 2004, Hilton Hotel Nairobi, Kenya.

2004: Planning Conference for Ministers of Health in Africa, April 2004; Safari Park Hotel Nairobi.

- 2003: FDI World Dental Federation/Kenya Dental Association, Continuing Professional Education Programme 13-14 December 2003; Safari Park Hotel Nairobi.
- 2003: FDI Annual World Dental Congress August 27th –30th 2003; Sydney Australia.
- 2000: The Kenya Dental Association Scientific Seminar 17th November 2000; Nairobi, Kenya.
- 2000: International Association of Dental Research East and Southern Africa Division Oral Health Symposium 30th June 2000; Nairobi.
- 2000: International Association of Dental Research East and Southern Africa Division Oral Health Symposium 31st March 2000; Nairobi.
- 1993: Promotion of Oral Health in African Region by Commonwealth Dental Association and World Health Organization Hosted by Ministry of Health Kenya and supported by Kenya Dental Association 2-6 August 1993; Nairobi.
- 1993: Annual Scientific Conference of the International Association of Dental Research, 8-15th March 1993; Chicago, U.S.A.
- 1993: The Determinants and Context of Effective Professional Leadership, 4-7th January 1993; Washington D.C. Management Systems International.
- 1992: Small Business Planning and Management, Theme: "Trade Shows: Create your own Small Business, 20-30th December 1992; Duquesne University, Pittsburgh, Pennsylvania
- 1992: Ceramic Inlays and Veneers Workshop in One Appointment 24-25th October 1992; University of California at Los Angeles, U.S.A.
- 1992: Tools and Systems for Professional Leadership 10 -14th August 1992; Management System International, Washington D.C. USA.
- 1992: Implants and Aesthetic Dentistry: Contemporary Approaches. 29th May to 6th June 1992; Hawaii, USA.
- 1991: Personal Skill Development for Effective Leadership, 30th December 1991-3rd January 1992; Management Systems International, Washington, D.C, U.S.A.
- 1991: The Mid-Winter Community Seminar on HIV/AIDS. 19 -27th December 1991; Detroit, Michigan, U.S.A.
- 1991: WordPerfect Based Report Generation. 1-30th March 1991; at the East Africa Computer Institute, Westlands Nairobi.
- 1990: The 5th Annual Scientific Conference of the Eastern and Southern Division of the

International Association of Dental Research, 27-30th November 1990; Nairobi Kenya.

1987: The Kenya Dental Association Scientific Seminar, Kenya Medical Research Institute; August, 1987.

Continuous Professional Development lectures/workshops (25).

Presented

2013: **Maina SW**, Dimba E., Oyugi JO, Mwangi JW, Kabuitu STK. The antimicrobial efficacy of Medicinal Plants extracts on root canal Biofilms. Research day, 8th May 2013; School of Dental Sciences.

2010: Laboratory communication in Aesthetic Dentistry, 26th June 2010; School of Dental Sciences.

Attended

2016: Residential course Two. MSc in Restorative & Aesthetic Dentistry, 31st March to 4th April 2016; University of Manchester UK.

2015: Residential course Two. MSc in Restorative & Aesthetic Dentistry, 9th to 12th September 2015; University of Manchester UK.

2015: CDA Biennial Meeting Workshop: Supporting Vulnerable Patients and their Carers. Manchester Central Convention Centre, 6 May 2015; Manchester, UK.

2015: Residential Course One: MSc in Restorative & Aesthetic Dentistry. University of Manchester 5-8 March 2015; Manchester UK.

2015: Hands on: Current trends in Esthetic Dentistry FDI World Dental Congress 31st August 2013; Istanbul, Turkey.

2014: Back pain and management CPD talk by Kenya Dental Association 4th June 7pm 2015; Panafric Hotel, Nairobi.

2014: Teeth or Implants CPD talk by 24th July 2014; Panafric Hotel, Nairobi.

2014: Dentistry in Children 21st March 2014; Panafric Hotel, Nairobi.

2013: Children's Oral Health CPD by Kenya Dental Association 23rd July 2013; Panafric Hotel Nairobi.

2013: Dedicated practice management platforms for dental and related healthcare automation CPD by Kenya Dental Association 1st August 2013; Panafric Hotel Nairobi.

2013: Management of gingival enlargement in hypersensitive patients, School of Dental Sciences and GlaxoSmithKline, 31st July 2013; School of Dental Sciences.

- 2013: Global phase-down of Amalgam and dentists role in best management practice. CPD talk, Kenya Dental Association 25th April 2013; Panafic Hotel, Nairobi.
- 2012: Dental implants complications. Kenya Dental Association and the Department of Conservative and Prosthetic Dentistry.
- 2012: Multi-disciplinary management of a 24year old female with Amelogenesis imperfecta 25th May 2012, School of Dental Sciences.
- 2011: Leadership and management on curriculum development workshop, 16th 18th March 2011; Elementaita Lodge, Naivasha.
- 2010: Elastomeric Monomers as a Toughening Agent for Dental Resin Composite by Prof. Francis Mante University of Pennsylvania 19th August 2010- **session Chair**.
- 2010: Occlusion in Implantology, Prof. G.A.V. Geerts University of Western Cape (**Session Chair**) 19th August 2011; School of Dental Sciences.
- 2010: Infection Control and Maintenance of Dental equipment organized by Kenya Dental Association-15th March 2010. Milimani Hotel, Nairobi.
- 2010: Surgical and Non-Surgical Endodontic Re-treatments- CPD by Kenya Dental Association-25th Feb. 2010; Milimani Hotel, Nairobi.
- 2010: Esthetic Dentistry and Implantology- Kenya Dental Association 15th January 2010; Panafic Hotel, Nairobi.
- 2009: Business management CPD by Kenya Dental Association, 24th May 2009, at Panafic Hotel Nairobi.
- 2009: Communicating the art of Esthetic Dentistry 26th June 2009, School of Dental Sciences.
- 2008: Dental emergencies, Kenya Dental Association October 2008; Grand Regency Hotel Nairobi.

Skills

- Clinical practice Conservative Dentistry.
- Clinical photography.
- Computer usage.
- E-Module development.
- Curriculum development.

- Proposal writing for mobilization of funds.
- Leadership and management.
- Research critical appraisal.
- Business proposal writing.

Reviews

2014: **Reviewer** - For Open Journal of Dentistry and Oral Medicine; *Horizon Research Publishing (HRPUB) Corporation (USA)*

Reviewed publications and chapters in e-books (6)

2015: E. Module - VDS 390: Dental Biomaterials Science, Module IV: Indirect Restorative and Prosthetic Materials. October 2015. Authors; Dr. Olivia A. Osiro, Dr. Hazel O. Simila & Dr. Bernina K. Kisumbi. Reviewers: Dr. Bishar Kassim and **Dr. Susan Maina**. Edited By: Mr. J. Odumbe.

2015: Clinical Study of Impacted Canine in the Arab Population in Israel, 1st January 2015.

2014: Premature Exfoliation of Permanent Teeth in a Young Female Patient: A Diagnostic Quandary 19th June 2014.

2014: Lodhi TA. Influence of Shade on Curing Hardness of two Nano Composites. University of the Western Cape. *Journal of the Kenya Dental Association 2014*.

2014: Dental Team .The Oral Health Atlas FDI World Dental Federation 2014 Issue by FDI World Dental Federation.

2013: E-Module VDS 290: Dental Biomaterials Science, Part I: Module11. Auxiliary Dental Materials; 2013; Author Dr. B.K Kisumbi BDS (Nbi), MPHIL (UK), Co-Authors, Dr. H.O Simila BDS (Nbi) and Dr. A.O Osiro BDS (Nbi). REVIEWERS; Dr. B.A Kassim BDS (Nbi), MDS (Nbi), Dr. S.W Maina BDS (Nbi), MSc, AEGD, Aesthetic Dentistry, OGW, FICD. www.uonbi.ac.ke.

Professional responsibilities and affiliations

1. **Alumni member** of:
 - University of Nairobi.
 - University of California at Los Angeles.
2. **Vice President** of East Central Southern Africa Region of the Commonwealth Dental Association 2012-2017.
3. Registered by Kenya Medical Practitioners and Dentist Board.

4. **Project Co-ordinator** of the Live Learn Laugh Phase I and II project “Reaching out to Needy Children with Oral Health Education and Intervention”, 2005 to 2013.
5. **National Liaison Officer:** FDI World Dental Federation for Kenya Dental Association 2003-2010.
6. **Past President:** East and Southern Africa Division of the International Association of Dental Research (IADR) 2006 to 2007.
7. **Vice President:** East and Southern Africa Division of the International Association of Dental Research (IADR) 2005.
8. **Treasurer:** Kenya Dental Association 2000-2010.
9. Member Kenya Dental Association.
10. Member International Association of Dental Research.

Other membership

- Postgraduate Committee School of Dental Sciences.
- USHEPIA Committee...
- Mebacol Professional Women Group.
- **Treasurer** and Member Tree shade Heights Ltd.
- **Secretary** Security Committee Kahawa Sukari.
- Grace Community Centre Church.
- Neighbours Women Group.
- Member of Nairobi Club.

Participation in the organization of scientific meetings

- 1 African Submit –Oral health Strategy for Africa 29th- 30th October 2012, Cape Town SA.
- 2 FDI World Dental Congress, Salvador Brazil Bahia Convection and Exhibition Centre 31st August to 5th Sept. 2010; Salvador Brazil.
- 3 In the 4th Regional Workshop for Africa and Middle East and Turkey Region held in Nairobi Safari Park 28th April to 1st May 2009.
- 4 The 2nd Africa Middle East Region Scientific Conference held in Conjunction with Kenya Dental Association, White Sands Hotel Mombasa 21st to 25th Sept. 2009.
- 5 FDI World Dental Congress – Singapore International Convention and Exhibition Centre 31-August to 5th September 2009.
- 6 International Association of Dental Research East and Southern Africa Division 30th June 2000 to 2009.

- 7 FDI Annual Scientific Congress and Dental Exhibition October 20th –27th 2007. UAE Dubai.
- 8 Planning Conference for Ministers of Health in Africa, Safari Park Hotel Nairobi April 2004.
- 9 FDI World Dental Federation/Kenya Dental Association, Continuing Professional Education Programme Safari Park Hotel Nairobi 13-14 December 2003
- 10 Annual Dental Scientific conference and exhibition, Kenya Dental Association from 2000-2010.

Administrative experience

1. **Acting Dean:** School of Dental Sciences October 2010.
2. **Former Chairman:** Department of Conservative and Prosthetic Dentistry 2002- July 2008.
3. **Chairman acting:** Department of Conservative and Prosthetic Dentistry
 - December 2012.
 - December 1st–31st 2010.
 - February 2001 -April 2001.
 - February 2000.
 - December 1999.
4. **Chairman:** Development and Rehabilitation Committee.
5. **Chairman:** Student Requirement Committee, School of Dental Science.
6. **Chairman (Former):** Procurement and Technical Evaluation Committee School of Dental Sciences.
7. **Chairman** Development Committee- School of Dental Sciences.
8. **Chairman** Income Generating Subcommittee School of Dental Sciences.

Curriculum development

- Developed of the current Master of Dental Surgery Prosthodontics curriculum.
- Member of BDS Curriculum review committee in charge of the Conservative Dentistry.
- Member Leadership and Management course team for postgraduate and undergraduate student for the School of Dental Sciences.

Clinical practice

1986 to date: Conservative management of patients in Conservative clinic under and postgraduate care at the School of Dental Sciences.

1996 to date: Part Time Private Practice: at Reinsurance Plaza 10th floor Nairobi, managing patients in Restorative Dentistry.

Directorship

- **Chairman** -Board of Director, Top Performance Academy Mlolongo, Arthi River
- **Financial Director** SAS Impressions, Nairobi Kenya.

Completed voluntary community projects

- **Phase I** Live Learn and Laugh Project; Reaching out to Needy Children with Oral Health Education and Intervention in Children Homes and rehabilitation center in Nairobi and its environs 2005-2009 in partnership with FDI World Dental Federation and Unilever Global.
- **Phase II** Live Learn and Laugh Project; Titled Reaching out to Needy Children with Oral Health Education and Intervention, for 6-8 year olds in Poor Communities in Nairobi 2011 -2013. FDI World Dental Federation and Unilever Global.
- Kenya Dental Association and American Dental Association Kayole Project-2011-2013.

Community out reach

1986-2012. Offered free dental services during the Kenya Dental Association Action Month

2006-2013: Promotion of Oral Health with the message brushing day and night with fluoridated tooth paste, for 6-8 year old Lower Primary Schools children in three divisions in Sponsored by Unilever Global/FDI World Dental Federation.

2008: Dental Camp at Emali promotion oral health and emergency dental treatment.

2006-2014: Fund raising and development of Neema Hospital at Kahawa Sukari Ruiru which offers Medical and Dental services to the least in the society.

2006-2013: Provision of lectures on Oral health to PCEA and Grace Community congregation during their Health week.

1998: Lectures on HIV/AIDS to youths in PCEA Church Kahawa Sukari.

Extra curriculum activities

1. Community Outreach.
1. Gym and aerobics.
2. Travelling.

Referees

1. Dr. Elizabeth Dimba BDS, PhD, FRb.
Department of Oral and Maxillofacial Surgery, Oral Pathology and Oral Medicine, School of Dental Sciences, University of Nairobi
2. Prof. Evelyn Wagaiyu. BDS (Nbi), MSc (Lond), PhD (Nbi).
Professor of Periodontology, Dept. of Periodontology and Preventive and Community Dentistry.
School of Dental Sciences, College of Health Sciences, University of Nairobi.
P.O Box 19676-00202.
Nairobi.
3. Prof. Arthur Musakulu Kemoli BDS (Nbi), DGDP, RCS (Eng), MSc (Ams), PhD (Ams).
Professor of Pedodontology, Dept. of Paediatric Dentistry & Orthodontics.
School of Dental Sciences, College of Health Sciences, University of Nairobi.
P.O Box 19676-00202.
Nairobi.
4. Prof. Julius W. Mwangi. B. Pham, MSc, PhD, EBS
Professor of Pharmacology and Intellectual Property Coordinator/Director
Dept. of Pharmacology and Pharmacognosy, School of Pharmacy, College of Health Sciences,
University of Nairobi.
P.O Box 19676-00202.
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