

CURRICULUM VITAE

**MARY ATIENO MASIGA
BDS, MSc, PGDRM**

**CHAIRMAN, DEPARTMENT OF PAEDIATRIC DENTISTRY & ORTHODONTICS
SCHOOL OF DENTAL SCIENCES**

PAEDIATRIC DENTIST

CURRICULUM VITAE

PERSONAL DETAILS:

Name	Dr. Mary Atieno Masiga
Date of Birth	20 th May, 1959
Place of Birth	Nakuru, Kenya
Sex	Female
Marital Status	Married
Nationality	Kenyan
Permanent Address	P.O. Box 48792, 00100, Nairobi
Contact Address	School of Dental Sciences P.O. Box 19676, Nairobi
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Telephone	0721562606
Languages	English, Kiswahili

PROFESSIONAL/EDUCATIONAL BACKGROUND

2010 – 2011	Postgraduate Diploma in Research Methodology (PGDRM) University of Nairobi (UNITID), Kenya.
1989 – 1990	Master of Science in Paediatric Dentistry (MSc.) University of London, United Kingdom.
1978 – 1983	Bachelor of Dental Surgery (B.D.S) University of Nairobi, Kenya.
1975 -1977	Limuru Girls School, Limuru, Kenya. Kenya Advanced Certificate of Education (KACE). (3 Principles 1 Subsidiary)

1971 – 1974	Menengai High School, Nakuru, Kenya. Kenya Certificate of Secondary Education (KCSE). (Division 1)
1963 – 1970	St. Joseph’s Primary School, Nakuru, Kenya. Certificate of Primary Education (CPE)

COMPUTER TRAINING

Microsoft Windows, Microsoft Word
Microsoft PowerPoint, Microsoft Excel
SPSS for Windows 12.0
EPI info 4, 6

TEACHING & WORKING EXPERIENCE

May 2006 – To Date	Senior Lecturer, Department of Paediatric Dentistry & Orthodontics. School of Dental Sciences, UON.
1991 – May, 2006	Lecturer, Department of Paediatric Dentistry & Orthodontics, School of Dental Sciences, UON.
1989 – 1990	Post-Graduate Student, Eastman Dental Hospital University of London.
1986 – 1990	Tutorial Fellow, Department of Paediatric Dentistry & Orthodontics, School of Dental Sciences, UON.
1984 – 1986	Dental Officer I, Kenyatta National Hospital
1983 – 1984	Dental Officer II (Intern), Kenyatta National Hospital.

SCHOOL RESPONSIBILITIES

June 2007-To Date Chairman - Department of Paediatric Dentistry & Orthodontics,
School of Dental Sciences.
Member- School of Dental Sciences Development Committee
Chairman - School of Dental Sciences Disposal Committee.

COLLEGE RESPONSIBILITIES

2008- To Date Member - College of Health Sciences (CHS) Disposal Committee.
Chairman - Ad Hoc Committee on Mentorship
College of Health Sciences.

PREVIOUSLY HELD SCHOOL & DEPARTMENTAL RESPONSIBILITIES

Chairman, School of Dental Sciences Academic Counseling Committee

Chairman, School of Dental Sciences University Exhibition Committee.

Member, School of Dental Sciences Development committee

Member, Ad Hoc Committee on School Code of Dressing.

Departmental Postgraduate Studies co-coordinator.

Ag Chairman, Department of Pediatric Dentistry/Orthodontics.

19th-25th May, 2004; 10th-20th August, 2004; 17th -20th July 2005; 26th Nov-27th Dec, 2005.

External Examiner: - Medical Practitioners & Dentists Board (Internship & Registration Assessment Examinations); 2005 - To Date.

-Specialist peer review committee – Medical Practitioners & Dentists Board

-Community Oral Health, Kenya Medical Training Institute (KMTI); 1994 – 1996.

Internal Examiner: Undergraduate & Postgraduate students. Department of Pediatric Dentistry & Orthodontics; 1991 – To Date.

PROFESSIONAL RECOGNITION

2005	Specialist in Paediatric Dentistry by Medical Practitioners & Dentists Board of Kenya.
1985	Dental Surgeon registered by Medical Practitioners & Dentists Board of Kenya.

STUDENT SUPERVISION

MASTERS THESIS:

1. Dr. Musera, D.K. Dental caries and oral health knowledge and practices among 10-12 years old urban and rural children in Kenya. 1st Supervisor. (Completed & defended).
2. Dr. Muriithi, H. Paediatric dental and oral maxillofacial injuries at Kenyatta National Hospital, Nairobi. 1st Supervisor. (Completed & defended).
3. Dr. Ng'ang'a, R.N. External and internal root morphology of premolar teeth of Kenyans of African origin. 1st Supervisor. (Completed & defended).
4. Dr. Ober, J.A. Oral health status and utilization of oral health services by children with cerebral palsy in Nairobi, Kenya. 1st Supervisor. (Completed & defended).
5. Dr. Owino, R.O. Gingivitis and dental caries among 12-year-old children in a rural town in Trans-Nzoia district. 1st Supervisor. (Completed & defended).
6. Dr. Matalanga, K.S. Oral Health Status of 2-5 year old children in relation to their mothers' Oral Health Status, Knowledge, Attitudes & Practices. 1st Supervisor. (Completed & defended).
7. Wasunna, D.A. Nutritional Status of children aged 3-5 years with and without Severe Early Childhood Caries in New Nyanza Provincial General Hospital, Kisumu, Kenya. 1st Supervisor. (Completed & defended).
8. Mutunga, E.K. Dental Caries and Gingivitis by tooth type among 13-15-year-old children with varying severity of fluorosis. 2nd Supervisor. (on-going).
9. Chepkwony, Freda. Mineral and bacterial content of bottled water in Kenya. 2nd Supervisor (on-going).

UNDERGRADUATE STUDENTS

1. Njane,P.M. Knowledge ,Attitude and Practice of Dentists in offering dental treatment to expectant women(Completed/passed) .
2. Nguyo, E. Knowledge, attitudes and use of pits & fissure sealants by dentists in Nairobi. (completed/passed)
3. Nyamu, E N. Knowledge, attitude and practices of caregivers attending the Kenyatta National Hospital MCH clinic towards the oral health of their children (completed/passed).
4. Okomba, M.J. Knowledge and attitudes of parents attending the UON Dental Hospital towards dental health of their children (completed/passed).
5. Wangari, V.W. Knowledge and perceptions of parents on the association between digit sucking, tongue thrusting & anterior open bite in 3-12-year old children in Nairobi (completed/passed).

PUBLICATIONS

1. **Masiga, M.A.**,M'Imunya JM. Impact of dental caries on OHQoL of HIV-infected Kenyan children at the Kenyatta National Hospital. J of Clin Paed. Dent. 2012: 38(1);(accepted for publication)
2. **Masiga, M.A.**, M'Imunya, JM. Correlation of oral health home-care practices, snacking habits and dental caries experience among HIV-positive children in Nairobi Kenya. East Afri.Med. J. 2012:(in press).
3. **Masiga, M.A.** Dental caries prevalence and oral health practices among HIV-infected children at Kenyatta National Hospital.(PGDRM Thesis, 2011).
4. Owino, RO., **Masiga, M.A.**,,Nganga, PM., Macigo, FG. Oral Health Knowledge, hygiene practices and treatment seeking behaviour among 12-year-old children from Kitale Municipality in Kenya. East Afri. Med. J. 2011: 88(10); 332-7.
5. Ober –Oluoch, J A., **Masiga, M.A.**, Dimba EAO., Kemoli, AK. Dental caries and periodontal health of children with cerebral palsy in Nairobi, Kenya. JKDA 2011:2(1); 135-140.
6. Ober-Oluoch, J A., **Masiga, M.A.**, Kemoli, AK., Dimba, EAO. Utilization of oral health services by children with cerebral palsy at two centers in Nairobi, Kenya. JKDA 2011:2(2); 173-8.

7. Nganga, RN., **Masiga, M.A.**, Maina, SW. Internal Root Morphology of the Maxillary First Premolars in Kenyans of African Descent. *East Afri. Med.J.* 2010: 87(1); 20-24.
8. Owino, RO., **Masiga, M.A.**, Nganga, PM., Macigo, FG. Dental caries, Gingivitis and Treatment Needs among 12-year-olds. *East Afr. Med.J.* 2010:87(1); 25-31.
9. Nganga, RN., **Masiga, M.A.**, Maina, SW. External Root Morphology of Maxillary First Premolars in Kenyan Africans. *East Afri. Med. J.* 2009: 86(12); 539-544
10. Muriithi, H., **Masiga, M.A.**, Chindia, M.L. Dental Injuries in 0-15 year-olds at the Kenyatta National Hospital, Nairobi. *East Afri. Med. J.* 2005:82(11); 592-597
11. **Masiga, M.A.** Presenting chief complaints and clinical characteristics among patients attending the Department of Paediatric Dentistry clinic at the University of Nairobi Dental Hospital. *East Afri. Med. J.* 2005: 82(12); 652-655.
12. **Masiga, M.A.** Socio-demographic characteristics and clinical features among patients attending a private paediatric dental clinic in Nairobi, Kenya. *East Afri. Med. J.* 2004:81(11); 577-582
13. Nyamu, E.N., **Masiga, M.A.** Gathece, L.W., Mutara, L.N. Knowledge attitude and practices of care givers attending the Kenyatta N. Hospital MCH clinics towards oral health of their children. *Afri. J. of Oral Health Sciences.* 2003: 4 (3): 326-327.
14. **Masiga, M.A.** Iatrogenic hypodontia following traditional excision of deciduous canine tooth buds: case reports. *Afri. J. of Oral Health Science.* 2003: 4 (1): 173-174.
15. **Masiga, M.A.** Demographic characteristics of patients attending for surgical treatment of unerupted canines. *Afri. J. of Oral Health Sciences.* 2002; 3 (2): 129-132.
16. **Masiga, M.A.**, Holt, R. The prevalence of dental caries and gingivitis and their relationship to social class amongst nursery school children in Nairobi, Kenya. *Int. J. of Paed. Dent.* 1993; 3: 135-140.
17. **Masiga, M.A.**, A study of patients attending for surgical management of impacted canines. *MSC Thesis*

ABSTRACTS

1. **Masiga, MA.**, Oduor-Noah, S. Dental treatment under General Anaesthesia at a children's hospital in Nairobi, Kenya. Journal of Dental Research. September 2005. Osamong, L.A.,
2. Salamba, K.O., **Masiga, MA.**, Osundwa, M.T. Clinical assessment and management of a patient with history of rickets (case reports). Journal of Dental Research. August 2004.
3. Musera, D.K., **Masiga, MA.**, Ng'ang'a, P.M. Dental caries and oral health knowledge and practices among 10-12 year old urban and rural children in Kenya. Journal of Dental Research. October, 2003.

PAPERS PRESENTED IN SCIENTIFIC CONFERENCES

1. Muasya, M.K., Opinya,GN., **Masiga, M.A.** Ectodental Dysplasia: A case report 29th Kenya Dental Association Annual Scientific Conference Sarova Panafric Hotel, Nairobi 13th-15th October, 2011.
2. **Masiga, M.A.**, Oduor-Noah, S. Dental treatment under General Anaesthesia at a children's hospital in Nairobi, Kenya. The 1st African & Middle East IADR Federation Conference. Salwa Sabah Al Ahmed Hall, 27th-29th September, 2005.
3. Osamong, L.A., Salamba, K.O., **Masiga, M.A.**, Osundwa, M.T. Clinical assessment and management of a patient with history of rickets (case report). The 1st joint congress of the East & Southern Africa and Kuwait divisions: West African and Jordanian Sections, Hilton Hotel Nairobi, 26th-29th August 2004.
4. Musera, D.K., **Masiga, M.A.**, Ng'anga, P.M. Dental caries and oral health knowledge and practices among 10-12 year old urban and rural children in Kenya. The 17th congress of the International Association for Dental Research (IADR), East and Southern African division. Arusha Intem. Conf. Centre (AICC), 29-30th October 2003.
5. **Masiga M.A.** Management of children in the dental surgery. The 16th Congress of the International Association for Dental research (IADR), East & Southern Africa Division, Silver Springs Hotel, Nairobi, 2002.

RESEARCH INTERESTS:

1. **Impact of A Basic Oral Health Package on Oral Health-Related Quality of Life in HIV-infected children in Kenya**
 - Interventional Study (PhD Proposal).

2. Costing A Basic Oral Health Care Package for Kenyan Children

- Oral health treatment needs of children in Kenya
- Burden of disease
- Government Expenditure on oral health and basic needs

3. Accessibility to oral health services for children aged 0-16 years in Kenya.

- Determinants of dental care utilization for children in Kenya socio-behavioral determinants, oral health knowledge & beliefs, habits & practices, needs & barriers.
- Economic/enabling resources.
- Facilities available for oral health care.
- Utilisation of relevant trained manpower.

4. HIV/AIDS

- Oral manifestations as predictors of disease progression.
- Impact of the limited availability of oral health care for impoverished families who are disproportionately affected by HIV infection.
- Supportive care and its impact on infected children's quality of life.

WORKSHOPS ON PROFESSIONAL DEVELOPMENT

29th Jan - 9th Feb 2013 Institutional Quality Audits UON Senate.

14th & 15th June 2012 PACE HIV Symposium-KNH.

14th Feb 2012 Joint KDA and AOG Conference-Safari Park.

14th – 25th Nov 2011 International Clinical Research(Micro-research) Training
Workshop-UNITID.

24th – 27th Oct 2011 Medical Education W/shop. (Partnership in improved Medical Education
in Kenya)-KNH.

11th – 14th Oct 2011 Leadership, Management & Sustainability for PG Programmes(Outspan).

10th June 2011 Results W/shop on Leadership Development(Jacaranda Hotel).

17th – 19th Mar 2011 Leadership & Management Curriculum W/shop(Elementaita Lodge).

24th – 26th Feb 2011 Clinical foundation of orthopedics & orthodontics-(Getrude's Hosp).

9th – 11th Feb 2011 3rd Leadership Development Programme –LDP (Elementaita Lodge).

15th – 17th Jun 2011 CHS 1st International Scientific Conference-KNH.

13th & 14th Oct 2011 4th Kenyatta National Hospital Annual Scientific Conference-KNH.

7 th – 10 th Dec 2010	2 nd Leadership Development Programme- LDP (Great RV Lodge).
6 th – 9 th Oct 2010	Leadership Development Programme- LDP (Great RV Lodge).
8 th – 9 th Oct 2009	2 nd Kenyatta National Hospital Annual Scientific Conference-KNH.
13 th – 15 th May 2009	UON Senate Retreat on Skills Development (Great RV Lodge).
19 th – 21 st Jan 2009	Training in Pedagogy-UON.
21 st Aug 2008	Training on Application of Public Procurement Rules & Regulations & Regulations- UON.
11 th April 2008	Induction Seminar for Disposal Committee Member-UON.

MEMBERSHIP OF PROFESSIONAL BODIES

1. Kenya Association of Paediatric Dentists
2. Kenya Dental Association (KDA)
3. Kenya Medical Association (KMA)
4. Kenya Medical Women's Association (KMWA)
5. Int. Association of International Dental Research (IADR)

MEMBERSHIP TO SOCIAL CLUBS

1. Impala Sports Club
2. All Saints Cathedral

ACADEMIC REFEREES

1. **PROF. G.N OPINYA**
Professor of Paediatric Dentistry
Department of Paediatric Dentistry/Orthodontics
University of Nairobi
P.O. Box 19676 - 00202, Nairobi Kenya
2. **DR. G. OGONJI**
Consultant Paediatric Dentist
P.O. Box 56571-00200 Nairobi Kenya
3. **PROF. M.L. CHINDIA**
Associate Professor
Department of Oral & Maxillofacial Surgery
University of Nairobi
P.O. Box 19676 – 00202 Nairobi Kenya