



CURRICULUM VITAE

A. PERSONAL DETAILS

NAME : **GLADYS NTHAMBI MWANGO**
MBChB, M.Med(Diag. Radiology), BSc(hons)
Cert. (Radiol.) Cert. (Adv. Rad.)

NATIONALITY : **Kenyan**

SEX : **Female**

MARITAL STATUS : **Single**

DATE OF BIRTH : **12th May 1968**

CONTACT DETAILS

ADDRESS: **Department of Diagnostic Imaging and Radiation
Medicine, University of Nairobi
College of Health Sciences
School of Medicine
P.O. Box 19676, Nairobi 00202**

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B. QUALIFICATIONS

	<u>Year</u>	<u>Institution</u>
Certificate in Advanced Radiology	2013	Harvard Medical School
Certificate in Radiology (pediatrics)	2003	Tel Aviv University, Israel
M.Med Diagnostic Radiology	1999	University of Nairobi
Bachelor of Medicine and Surgery	1994	University of Nairobi
Bachelor of Human Anatomy	1991	University of Nairobi
“A” level KACE	1986	Alliance Girls High School
“O” level KCE	1984	Alliance Girls High School

LICENSURE

Medical Practitioners and Dentists’ Board	1994	A 3797
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C. CURRENT RESPONSIBILITIES

- 1. Chairman, Department of Diagnostic Imaging and Radiation Medicine**
- 2. Departmental representative to the College Board of Postgraduate Studies**
- 3. Departmental postgraduate Part –one programmes and examinations coordinator**
- 4. Consultant Radiological services at Departmental income generating activities.**
- 5. Member of various departmental committees: Examinations, Curriculum Review**
- 6. Development , review and implementation of the departmental strategic plan 2013-2018 and Income Generating Unit strategic plan 2011-2015**
- 7. Principal Investigator in research at the KNH/UON/MGH COLLABORATIVE INITIATIVE titled “A roadmap for the delivery of educational, research and clinical best practices in the Department of Radiology, KNH”**
- 8. Honorary Consultant Radiologist, Kenyatta National Hospital**

D. FORMAL EDUCATION AND TRAINING

**May- Aug 2013: Certificate in Advanced Radiology
Massachusetts General Hospital and Harvard University**

April-May 2004: Short courses in Radiology, Indiana University, USA

Jan-Mar 2003: Certificate in Radiology, Tel Aviv University, Israel

1997 - 1999: M.Med Diagnostic Radiology, University of Nairobi

**1987 - 1993: Bachelor of Medicine and Bachelor of Surgery
University of Nairobi**

1991 : Bachelor of Human Anatomy, University of Nairobi

1985 - 1986: A level KACE, Alliance Girls High School

1981 - 1984: O level KCE, Alliance Girls High School

E. TEACHING AND PROFESSIONAL EXPERIENCE

Feb. 2015 to date: Senior Lecturer in Department of Diagnostic Imaging and Radiation Medicine, University of Nairobi

Responsibilities include teaching core concepts of radiology to the undergraduate students and training postgraduate students in radiology techniques, image interpretation, diagnostic management protocols and comprehensive report writing as well as supervision of post graduate dissertations. Mentorship of undergraduate and postgraduate students; teaching and training post-graduate higher diploma students in diagnostic ultrasound imaging, conducting clinico-radiological sessions and research, conducting undergraduate, postgraduate and higher diploma examinations in Diagnostic Radiology and ultrasound, providing consultant radiological services at the departmental IGU

Dec 2004-Jan 2015 Lecturer, Department of Diagnostic Imaging and Radiation Medicine, University of Nairobi

Dec 2004 to date: Consultant Radiologist, Department of Radiology, KNH campus
Responsibilities include diagnostic imaging procedures and reporting medical images in Kenyatta National Hospital.

1999- Nov 2004: **Lecturer in Department of Radiology and Imaging,
Moi University**
Responsibilities included teaching radiology, image interpretation to undergraduate students, conducting clinico-radiological sessions, conducting integrated tutorials and examinations in Radiology

July 1995- Nov 1999: **Lecturer in Department of Human Anatomy,
Moi University**
Responsibilities included teaching undergraduates human anatomy, carrying out anatomic dissections, supervising undergraduate dissections, conducting integrated tutorials, conducting examinations in Human Anatomy

1993-1995: **Medical Officer, Ministry of Health
Eldoret District Hospital**
Responsibilities included clinical management of ward patients, out-patient clinics and performing call-duty

1988-1991: **Part-time Anatomy demonstrator in Department of
Human Anatomy, University of Nairobi.**
Responsibilities included assisting undergraduate students in dissections, conducting anatomic demonstrations and giving tutorials in Human Anatomy

1992: **Radio-room operator, Flying Doctors Service, AMREF**

Responsibilities included receiving reports from the out stations, coordinating outreach flying emergency services and giving tele-medical assistance.

F. SUPERVISION OF POSTGRADUATE STUDENTS DISSERTATIONS

1. Dr. C.S.A. Omondi (M.Med. Diag. Radiol.), 2007

Tumours and Tumour-like conditions of the Jawbone Tumors: a radiological histological correlation.

Co-supervisor- Dr. T.A Oluoch

2. Dr. L. Kitheka (M.Med. Diag. Radiol.), 2009

Film Reject analysis at the Dept. of Diagnostic Imaging and Radiation Medicine, UON and at the Mbagathi District Hospital, Nairobi

Co-supervisor- Prof. N. Tole

3. Dr. E. Angoro (M.Med. Diag. Radiol.), 2009

Multi-detector CT scan findings in Head injury

4. Dr. M. Nyanchama (M.Med. Diag. Radiol.), 2009

Patterns MRI findings in Seizure Disorders

5. Dr Mamai (M.Med. Diag. Radiol.), 2010

The role of MRI in the evaluation of gynecological disorders.

Co-supervisor- Dr. A. Odhiambo

6. Dr. S. Salim (M.Med. Diag. Radiol.), 2011

The role of abdominal ultrasound in the vomiting child

Co-supervisor- Dr. M. Wambugu

- 7. Dr Kamau (M.Med. Internal Medicine), 2011**
Thirty-day Stroke outcome at Kenyatta National Hospital.
Co-Supervisor- Prof. E. Amayo

- 8. Dr. Izhaka S. Kimaro, (M.Med. Diag. Radiol), 2012**
Correlation of Ultrasound, clinical and surgical findings of suspected acute appendicitis in Kenyatta National Hospital.

- 9. Dr. Linal Parmar, (M.Med. Diag. Radiol), 2012**
The Cerebro-placental ratio as a prognostic factor of fetal outcome in patients with hypertensive states of pregnancy in third trimester at Kenyatta national Hospital

- 10. Dr Wendy Gecaga , (M.Med. Diag. Radiol), 2013**
Knowledge, attitude and practice on ionizing radiation of clinicians practicing at the Kenyatta National Hospital (Ongoing study)

- 11. Dr. Naliaka Watiti , (M.Med. Diag. Radiol), 2014**
The validity in lumbar spine radiographs in the evaluation of low back pain. An analysis of radiographic and MRI findings in two diagnostic imaging centres in Nairobi. (Proposal stage)

- 12. Dr. Diana Nyakoe 2014**
The utility of strain elastography ultrasound imaging in evaluating thyroid nodular disease at Kenyatta National Hospital

- 13. Dr. Christopher Rodrigues , (M.Med. Diag. Radiol), 2014**

The prevalence of chest radiographic patterns in immunocompromised children at Kenyatta National hospital

G. ACADEMIC PUBLICATIONS

Referred Journals

- 1. Juma T, Mwango GN, Mathaiya J, Githinji I, Onyambu C and Walong E. Unusual presentation of Invasive Basidiobolus mycosis as a Pelvic Mass in a 3-year-old child: a Case Report. East and Central African Journal of Surgery (ECAJS) 2015; 20(2): 125-132
http://www.cosecsa.org/sites/default/files/ECAJS%20VOL%2020%20No%20%20JULY%20AUG%202015_0.pdf**
- 2. Parshuram P.L., Mwango G., Wambugu M., Ong'ech J. and Mwachaka P. The Cerebro-Placental ratio as a prognostic factor of foetal outcome in patients with third trimester hypertension. East and Central African Journal of Surgery (ECAJS) 2014; 19(1): 41- 51
<http://www.ajol.info/index.php/ecajs/article/view/102436/92706>**
- 3. Parmar LP, Mwango GN, Wambugu MN and Ongech JO. The Umbilical Artery resistive Index and the Cerebro-Placental Ratio as a Predictor of Adverse Foetal outcome in patients with Hypertensive Disorders of Pregnancy during Third Trimeseter. East and Central African Journal of Surgery (ECAJS) 2013; 18(3): 94-97. <http://cosecsa.org/test/uploads/2014/ECAJS>**
- 4. Mwango G.N., Salim S.I., Wambugu M.N., and Aywak A.A. Role of abdominal ultrasound imaging in evaluation of children with suspected upper gastrointestinal disease. EAMJ 2012; 89 (6):80-87**

5. **Mwango GN, Muriithi IM. 'Wandering Spleen: A Case Report'.**

EAMJ.2010; 87:84-86.

<http://ajol.info/index.php/eamj/article/view/60605>. - 2010

H. OTHER CONTRIBUTIONS TO LITERATURE

1. Mwango G.N.: E-learning module in 'Cross-sectional Body Anatomy - HDU 002' in collaboration with the Centre for Open and distance Learning, University of Nairobi.

(Available on-line for UoN website users, 2012)

2. The value of pediatric upper gastrointestinal contrast studies

(M.Med. thesis 1999).

3. The structural organization and adrenergic innervation of the Carotid and Cranial vasculature of the short necked Artiodactyls with reference to the growth and postnatal development of adrenergic innervation.

(B.Sc. Anatomy thesis 1991).

4. Homo Habilis. The controversy and matters arising from it with special reference to known and suggested fossil records from East Africa and southern Africa

(Review paper; B.Sc. Anatomy 1991).

I. PAPERS PRESENTED IN CONFERENCES, SEMINARS, WORKSHOPS

- 1. Mwango GN, Nyabanda RA and Kawooya MG. Championing radiation safety in Africa: the AFROSAFE campaign. Electronic poster exhibit at the Society of Pediatric Radiology (SPR) 2016 IPR Meeting in Chicago, Illinois May 15-20th 2016. www.ipr2016.org**
- 2. Mwango G.N. The role of abdominal ultrasound in necrotizing enterocolitis, 2014. Presented at the International Conference of World Federation of Ultrasound in Medicine and Biology (WFUMB) in conjunction with the Kenyan Society of Ultrasound in Medicine and Biology (KESUMB); The Aga Khan University Hospital, Nairobi, Kenya held on 17th -18th January 2014.**
- 3. Mwango G.N. Downs' Syndrome; a review, 2007: presented at the Annual scientific conference of Kenya Association of Radiologists, Mombasa, Kenya held on 1st – 3rd June 2007.**
- 4. The value of Pediatric Upper Gastrointestinal contrast studies, 1999: Annual scientific conference of the Kenya Association of Radiologists held in Mombasa, Kenya held on 11-13th December 1999.**

J. CONFERENCES/ CONGRESSES/ SYMPOSIA/ SEMINAR AND PROFESSIONAL MEETINGS ATTENDED.

- Oct 20th – 24th 2015** **Attended the ESR emergency radiology course and the Turkish radiological conference at Ankara, Turkey**
- May 31st – Jun 2nd 2015** **The 3rd African Society of Radiology Conference held in Mombasa, Kenya**
- Feb 17th -20th 2015:** **The 8th Biennial Pan African Congress of Radiology and Imaging where I participated as the scientific chair and was instrumental in the AFROSAFE campaign launch.**
- May 14th – 18th 2013:** **Annual meeting and post-graduate course of the Society of Pediatric Radiology held in San Antonio, Texas**
- Nov 24th - 25th 2012:** **Annual scientific conference of the Kenya Association of Radiologists held in Nakuru, Kenya.**
- April 3rd - 6th 2012:** **The 2nd African Society of Radiology conference held in Alexandria, Egypt**
- Dec 10th - 12th 2011:** **Annual scientific conference of the Kenya Association of Radiologists held in Amboseli, Kenya.**
- April 2nd - 3rd 2011:** **KESUMB fetal ultrasound seminar held at the University of Nairobi.**
- June 18 - 20th 2010:** **Annual scientific conference of the Kenya Association of Radiologists**
- June 19 - 21st 2009:** **Annual scientific conference of the Kenya**

Association of Radiologists.

Oct 11 - 12th 2008: Attended the Annual scientific conference of the Kenya Association of Radiologists held in Nyeri, Kenya

Jul 31- Aug 4th 2007: Kenyan delegate at the 27th International Congress of Medical Women International Association held in Accra, Ghana.

Oct 8th – 10th 2006: Kenya association of Radiologists held at the Amboseli National park, Kibo, Kenya

January 2005: The 7th Sheffield International Scientific Conference of Kenya Association of Radiologists in conjunction with the Scottish Radiological Society held in Nairobi, Kenya

Sept 30th -Oct 3rd 2002: Mediterranean and African Society of Ultrasound (MASU) course and congress on Ultrasound in Kampala, Uganda.

July 14th 2001: Seminar on “Radiation Protection” organized jointly by the Kenya Association of Radiologists and the Radiation Protection Board of Kenya.

Mar 20th -24th 2001: International neuroradiological conference organized by NICER Horizon at Johannesburg, South Africa.

Oct 20th – 21st 2000 : **Workshop on the “Current Developments in Obstetric Ultrasound” organized by the Kenya Association of Radiologists in Mombasa.**

Sept 27th-28th 1997: **Joint scientific conference by the Kenya Association of Radiologists in conjunction with the Scottish Radiological Society**

1993 : **The first Society of Neuroscientists’ Association (SONA) International Neuroscience Conference held at Chiromo Campus, Nairobi, Kenya.**

Dec 4th – 9th 1989 : **International Brain Research Organization (IBRO) Neuroscience workshop held at Nairobi**

K. PARTICIPATION IN THE ORGANIZATION OF SCIENTIFIC MEETINGS

2001 - 2004: **Participated in the organization of “Operation Smile” outreaches at Moi Teaching and Referral Hospital**

2005 to date: **Participated in the organization of Kenya Association of Radiologists annual scientific conferences as a council committee member in**

different capacities

Dec 4th - 7th 2007:

Participated as a Trainer and Resource Person in the International Ultrasound Conference held in conjunction with the World Federation of Ultrasound in Medicine and Biology at the Aga Khan University Hospital and Department of Diagnostic Imaging and Radiation Medicine, University of Nairobi.

L. ADMINISTRATIVE EXPERIENCE

- 1. Currently the Chairman of the Department of Diagnostic Imaging and Radiation Medicine as from December 2015.**
- 2. Acting capacity as the IGU manager when the substantive manager was on leave for a period of 2-3 months at a time.**
- 3. Actively participated and was instrumental in the development of the past and current Strategic Plans of the Department and IGU**
- 4. Actively participated in the Curriculum review process and organized the needs-assessment of the core stakeholders (residents, faculty, junior and senior radiologists, Chief government radiologist)**
- 5. Part 1 year and Examination coordinator in the department since 2005**

6. Departmental Representative at the College Board of Post-Graduate Studies

M. MEMBERSHIP OF LEARNED PROFESSIONAL BODIES

National organizations

2016 : Council Member and Chair of the Kenya Association of Radiologists

2014 : Council Member and Honorary Vice-Chairman of the Kenya Association of Radiologists

2010 – 2013: Council Member and Honorary Treasurer of the Kenya Association of Radiologists

2008- 2010 : Council Member and Honorary Secretary of the Kenya Association of Radiologists

2013 to date: Council Member of Kenya Society of Ultrasound in Medicine and Biology (KESUMB)

2005 - 2009: National Secretary and Council Member, Kenya Medical Women's Association

1995 to date: Member, Kenya Medical Association

1995 to date : Member, Kenya Medical Women's Association

**2007 to date : Honorary Treasurer Kenya Medical Association Housing
Society**

International organizations

**2016 : Board member and African representative at the
World Federation of Pediatric Imaging (WFPI)**

**2015 to date: Organizing Secretary of the Pan-African Congress of
Radiology and Imaging (PACORI)**

**2012 to date: Founder Member and Interim Treasurer of African
Society of Pediatric Imaging (AfSPI)**

N. COURSES AND TRAINING ATTENDED

Short courses in Radiology; Indiana University, April-May 2004

**O. ATTENDANCE AND ORGANIZATION OF CONTINUED
PROFESSIONAL DEVELOPMENT**

As a KAR Honorary Chairman and council member; I am involved in providing leadership and guidance to the association activities.

As a KESUMB council member I participate in organizing the quarterly continuous professional development

P. EXTRA-MURAL ACTIVITIES AND MEMBERSHIP OF NON-PROFESSIONAL ASSOCIATIONS (PAST AND PRESENT)

Instructor and keen participant in aerobics training with Body and Soul Fitness organization – 2005 to date

Q. REFEREES

- 1. Professor J. Kitonyi, Associate Professor, Department of Diagnostic Imaging and Radiation Medicine, School of Medicine, University of Nairobi, P.O. Box 19676-00202, Nairobi.**
- 2. Professor N. Tole, Associate Professor, Department of Diagnostic Imaging and Radiation Medicine, School of Medicine, University of Nairobi, P.O. Box 19676-00202, Nairobi**
- 3. Dr. M. N. Wambugu, Senior Lecturer, Department of Diagnostic Imaging and Radiation Medicine, School of Medicine, University of Nairobi, P.O. Box 19676-00202, Nairobi.**