

CURRICULUM VITAE



NAME

DR. JEFITHA KARIMURIO

CURRENT EMPLOYMENT

Lecturer Department of Ophthalmology, University of Nairobi, Kenya

QUALIFICATIONS

MB, Ch.B, M. MED (University of Nairobi),
M.Sc - CEH (University College London)

SUBSPECIALITY

Community Eye Health (CEH)

DATE OF BIRTH

27th September 1956

CITIZENSHIP

Kenyan

LANGUAGES FLUENT IN

English, Kiswahili, Kikuyu

SEX

Male

MARITAL STATUS

Married to Lydia Karimurio and we have two children:
Salome [born 1.2.1985] and Peter [born 8.9.1988]

RELIGION:

Anglican [ACK]

ACADEMIC QUALIFICATIONS

Post graduate degrees (Nairobi 1987 – 1990 and London 1998 – 1999)

- (A) Joined Ophthalmology Department University of Nairobi in 1987 and left in 1990 with Masters Degree in Ophthalmology.

- (B) September 1998 to September 1999, successfully completed Masters of Science in Community Eye Health at the International Centre for Community Eye Health, University College London (UCL)

Basic degree (1978 – 1984) Graduated with bachelor of medicine and bachelor of surgery, (M.B, Ch.B) at the University of Nairobi in 1984.

High school ('A' level 1976 – 1977) Kanunga high school, passed with three principles in maths, chemistry and biology and subsidiary in general paper.

Primary school (1963 –1971) - Mutira Primary School, Kirinyaga District, passed with 27 points in Certificate of Primary Education

Secondary school Kianyaga High School, passed with division one in '0' level examination in 1975.

SHORT COURSE AND CONFERENCES:

- (A) 1992 – Attended a six weeks course in health management and epidemiology sponsored jointly by the G.T.Z, MOH and the UoN.
- (B) 1996 – June – September, three month Clinical attachment at the Munich Eye Hospital, Germany.
- (C) Attended 9th Annual Conference of German Ophthalmic Surgeons at Nurberg, Meistersignerhalle, from June 13th to 16th June 1996.
- (D) December 1998: Attended the GET 2020 [Global Elimination of Trachoma by 2020] meeting in Ozarzate [Morocco].
- (E) December 1999: Attended the GET 2020 meeting in Geneva [Switzerland].

- (F) April 2000: Attended the Workshop and Launch of VISION 2020 for Anglophone Africa in Pretoria, South Africa.
- (G) February 24th to 15th March 2001 attended the Annual meeting of the German Prevention of Blindness Committee at Meinigen East Germany as a guest speaker on Prevention of Blindness activities in Africa. Attachment of one week at Munich Eye Hospital.
- (H) April 2001: Attended the PAACO [Pan Arab African Council of Ophthalmology] conference in Beirut Lebanon.
- (I) 1.11.2001 to 16.12.2001 attended the 2001 annual meeting of the American Academy of Ophthalmology in New Orleans and one week attachment at the Medical University of South Carolina [MUSC] in Charleston.
- (J) February 2002: Attended a planning workshop to develop VISION 2020 technical plan for Africa in Durban, South Africa.
- (K) April 21 to 25. 2002: attended the XXIXth International Congress of Ophthalmology [The World Meeting of Ophthalmologists] in Sydney Australia as a guest speaker on “Accessibility and delivery of cataract surgery in Africa”.
- (L) May 2003: Attended the PAACO [Pan Arab African Council of Ophthalmology] conference in Tunis, Tunisia.
- (M) July 2005 Facilitated at the Eritrea National VISION 2020 planning workshop (WHO Consultant) and drafted their 5 Year Strategic Plan (2005-2010)
- (N) September 2005 attended and made presentation at the OSN (Ophthalmological Society of Nigeria).
- (O) Attends/facilitate/present at most of the OSEA (Ophthalmological Society of East Africa)

CMEs and annual conferences and annual the KNOW (National Ophthalmic Workshops for midlevel eye care workers) since 1990.

- (P) February 2006: Participated at the Second INGDO meeting to review support to VISION 2020 in Africa in Accra, Ghana
- (Q) May 2006: Chaired the Kenya National Trachoma Summit sponsored by Sight Savers International at Nairobi Panafric Hotel; attended by government ministries (Health, Education), National/International NGOs, National Eye Care Coordination team, PMO Rift Valley (Trachoma belt), University of Nairobi and District representatives. Agenda: Mapping current control activities, Way forward for making “Kenya free of Trachoma” by 2020 and Creation of a National Trachoma Working group.
- (R) May 2006: Attended a two days editor’s workshop on “Improving the visibility and use of African journals” at Hotel Intercontinental, Nairobi as the East African Journal of Ophthalmologist representative. Sponsored by the International Network for the Availability of Scientific Publications (INASP) and HINARI.
- (S) May 2006: Attended half day workshop for librarians and authors on “Open Access: Impact on Librarians and collection department” at Hotel Intercontinental, Nairobi. Sponsored by the International Network for the Availability of Scientific Publications (INASP) and HINARI.

EMPLOYMENT RECORD

- (A) 1984 – 1985: Medical Officer Intern, Machakos General Hospital
- (B) 1985 – 1987: Medical Officer Murang’a District Hospital
- (C) 1990 – 1993: Provincial Medical Superintendent, Machakos General Hospital Zonal Eye Surgeon –

ZONE 'B' (Machakos)

- (D) 1993 – 1995: Provincial Medical Superintendent Nyeri Provincial Hospital and the DMOH Nyeri District. Zonal Eye Surgeon ZONE 'D' (Nyeri).
- (E) 1994-1995 Acting Provincial Medical Officer Central Province
- (F) 1995 to date: Lecturer in Ophthalmology at the University of Nairobi. I have on several occasions been appointed to perform the duties of the Chairman of the Department of Ophthalmology when the substantive chairman is on leave.

NOMINATIONS

- (A) 1995 – March 2001: Nominated the Coordinator of the Kenya Ophthalmic Programme and the Vice Chairman to the National Prevention of Blindness Committee.
- (B) 1996: Nominated as trainer for Fred Hollows Foundation Intraocular lens implantation project for Kenya (Machakos, Nyeri and Kisumu) and Malawi (Lilongwe) courses.
- (C) 1997: Invited by Sight Savers to advise on their prevention of blindness prevention project in Matabele South, Zimbabwe; hosted by Mr. Nyathi the Director of the Zimbabwe Society for the Blind.
- (D) 1999 – 2004: Nominated the IAPB [International Agency for the Prevention of Blindness] Co-Chairman for Eastern Africa Sub-Region [Kenya, Uganda, Tanzania, Ethiopia, Somalia and Eritrea]. The holder of the post is the coordinator of all the VISION 2020 (Global Initiative for the prevention of avoidable blindness) advocacy activities in the Sub-Region.
- (E) Nominated to represent Kenya at the Global Elimination of Trachoma Alliance (GET 2020)

meetings in 1998 and 1999 at Ozarzate [Morocco] and Geneva [Switzerland] respectively.

- (F) WHO Prevention of blindness Consultant to Eritrea May 2004 and June 2005.
- (G) Fred Hollows Foundation Consultant, Prevention of blindness, Eritrea October - November 2004.
- (H) Kenya National Trachoma Survey consultant and core team chairman: June – July 2004
- (I) Sight Savers International (Nairobi) Consultant, East African College of Ophthalmologist (EACO) June 2005
- (J) Sight Savers International (Kaduna) Consultant, Emergency Trachoma control project: Zamfara, Sokoto and Kebbi States of Nigeria, November 2005.
- (K) Coordinator of the Kenya National VISION 2020 comprehensive planning workshop, Mombassa 2002 attended by both local and international participants and facilitators.

EXPERIENCE IN MANAGEMENT AND PLANNING:

National

- **University of Nairobi:** Acting Chairman of the Department of Ophthalmology on several occasions when the substantive chairman is away. Attends Departmental, Faculty, College and Senate plus National Prevention of Blindness meetings. Has participated in organizing and running University of Nairobi monthly surgical outreach to Litein, Meru, Muthale, Mutomo, Narok, Mwea etc.
- **Kenya [District / Provincial levels]:** Headed Ministry of health institutions at District and Provincial levels between the years 1990 and 1995. Planned prevention of

blindness activities at the Zonal level [Nyeri and Machakos] over the same period.

- **Kenya [National level]:** Facilitated the preparation of the National 5 Year Development, Annual plans and annual reports [to the Government and eye care donors] for the National Eye Care Programme from 1995 to 2000. Chaired most of the quarterly National Prevention of blindness Committee meetings. Played a key role in the creation of the National Primary Eye Care [PEC] project in 1996 and later the Division of Kenya Ophthalmic Services [KOS] of the Department of Primary Health Care [PHC] of the Ministry of Health in 2000. I was the convener for the launch of VISION 2020 in Kenya in June 2001; attended by local and international guests and the declaration of support signed by the Minister for Health and the WHO Representative.

Regional

- **Uganda:** Invited by the MOH of Uganda as a resource person at their VISION 2020 planning workshop at Mbarara in July 2000.

- **Nigeria:** Invited by the Nigeria Government to facilitate in their VISION 2020 planning workshop at Kaduna in June 2001.

- **Ethiopia:** Facilitated at the National VISION 2020 workshop and Launch of the National Prevention of Blindness Strategic Plan in Addis Ababa in 2003.

- **Tanzania:** Attended the Regional workshop on preparation of model VISION 2020 district plans in Moshi in 2003 with prevention of blindness teams from Tanzania, Kenya, Egypt and Zambia.

- **Somalia:** Involved in looking for ways and means of establishing a reliable prevention of blindness programme for the Somalia as part of my duties as the IAPB [Co-Chairman for the Eastern Africa Sub-Region]. Personally headed 3 cataract surgical missions (air outreach) to Somalia (Luuq, Belatwein and Borama) in 2001 sponsored by CBM (Christoffel Blinden Mission) with a team of paramedical staff, equipment and supplies from Kikuyu Eye Unit: operated over 700 cataract blind patients in the three missions.

- **Eritrea:** Consultant to the national prevention of blindness programme from May 2004 to date. In October 2004 I conducted a detailed National eye care situation analysis for the Government of Eritrea sponsored by the Fred Hollows Foundation. The analysis provided the benchmarks for the preparation of the first National VISION 2020 5-Year Strategic plan.

- **Egypt:** Visited the Maghrabi Eye Hospital in Cairo, invited by the Al Noor Foundation and hosted by Dr. Gamal Ezz Arab the Medical Director to learn about their three tier system of eye care delivery in May 2003.

- **East Africa:** Team member in planning for the establishment of the Eastern Africa College of Ophthalmologists (EACO).

- **Africa:** Participated in preparation of VISION 2020 technical plan for Africa in Durban, South Africa in 2002.

- **Africa:** Participated at the second INGDO meeting to review support to Vision 2020 in Africa, 7-8 February 2006, Accra, Ghana as a resource person.

Global

- International Agency for the Prevention of Blindness (IAPB) Board member and IAPB Co-Chairman for Eastern Africa Sub-Region from 1999 to 2004. The IAPB is the umbrella organization which brings together all the VISION 2020 (Global Initiative for the elimination of avoidable blindness by 2020) partners.

- Kenya representative to GET 2020 Alliance (Global Elimination of Trachoma by 2020) 1998 to 2001 in my capacity as the Kenya Ophthalmic Programme Coordinator.

RESEARCH

Post graduate dissertations I have personally written:

a) 1990, **University of Nairobi:** Commitant Esotropia in a Kenyan African Population at Kenyatta National Hospital.

b) 1999, **London University:** Costs and productivity of cataract surgery in different eye care settings in Kenya.

Post graduate dissertations I have supervised at the University of Nairobi:

- a) 1998: Non-glaucomatous Optic Atrophy at Kenyatta National Hospital– **second supervisor.**
- b) 1998: Output and outcome of cataract surgery in the University of Nairobi outreach programme at Litein - **first supervisor.**
- c) 1998: The efficacy of topical prednisolone in reducing recurrences in pterygium surgery - **second supervisor**
- d) 2001: ‘What is the right intraocular lens power for cataract surgery on eye safaris?’ - **second supervisor**
- e) 2001: Pattern of Orbital-Oculo-Adnexal tumour and their association with HIV status as seen at two major hospitals in Kenya - **second supervisor.**
- f) 2001: Vision assessment of public service vehicle drivers in Nairobi - **first supervisor. [submitted article in 2005 awaiting publication]**
- g) 2002: Magnitude and pattern of irreversible binocular and monocular blindness in Kenyatta National Hospital, Nairobi, Kenya - **first supervisor**
- h) 2003: Prevalence and pattern of trachoma in Shompole location, Magandi Division, Kajiando District, Kenya – **first supervisor**
- i) 2004: Significant refractive errors in class 8 pupils attending public schools in Lang’ata Division, Nairobi – **first supervisor [submitted in 2005 article awaiting publication]**
- j) 2004: Magnitude and pattern of conjunctival squamous cell carcinoma in HIV positive patients in two major hospitals in Kenya – **Second supervisor [submitted article in 2006 awaiting publication]**
- k) 2004: Survey of eye disease in high risk HIV group: commercial sex workers in Majengo slums, Nairobi – **first supervisor**

l) 2005: Prevalence of Trachoma and resources for SAFE in Meru District, Kenya - **Third supervisor.**

Post graduate dissertations I have supervised at the Kenyatta University (MPH):

- a) 2004: Magnitude and causes of visual impairment and utilization of eye care services among slum dwellers of Kibera in Nairobi, Kenya – **Second supervisor**
- b) 2005: Barriers to uptake of cataract surgical services in Marti Division, Isiolo District, Kenya. – **Second supervisor**

Post graduate dissertations I have supervised at the Kenya Medical Training Centre (KMTC) Nairobi:

- a) 2004: Visual status and causes of blindness and low vision at Kapenguria School for the blind
- b) 2005: Outcome of cataract surgery on patients with age related cataracts at Kisii District Hospital

Published Journal Articles:

- a) Karimurio J, Gichangi M, Ilako D, Kilima P, Adala H. Prevalence of Trachoma in six districts of Kenya East Afr. Med. J. 2006; **83**: 63-68
- b) Ndegwa L, Karimurio J, Okelo R, Adala H. Prevalence of visual impairment and blindness in a Nairobi urban population East Afri. Med. J. 2006; **83**: 69-72
- c) Ndegwa L, Karimurio J, Okelo R, Adala H. Barriers to utilization of eye care services among slum dwellers of Kibera in Nairobi, Kenya East Afr. Med. J. 2005; **82**: 506-508.
- d) Karimurio J. National Prevention of Blindness Programmes and VISION 2020; Africa programme: Kenya, J Comm Eye Health 2000; **13**: 53-54

- e) 2001: Topic “Accessibility and delivery of cataract surgery in Africa”. Abstract published in a supplement of “Clinical and Experimental Ophthalmology”. Guest speaker at the XXIXth International Congress of Ophthalmology [The World Meeting of Ophthalmologists] at Sydney Australia:

Preparation and Submission of Prevention of Blindness Reports and plans:

- a) 1998: As the Kenya Ophthalmic Programme Coordinator (KOPC), prepared the Kenya 1998-2002 National 5 Year Eye Care Plan for the MOH.
- b) 2004: As the National Trachoma Core team chairman and the lead consultant, prepared the Phase 1 National Trachoma Survey report which the MOH has used to prepare Strategic Plan for control of blinding trachoma in the six Phase 1 districts (Kajiado, Narok, West Pokot, Baringo Samburu, and Meru North). The Survey and the control project funded by VISION 2020 (Global Initiative for the prevention of avoidable blindness) Partners like African Medical and Research Foundation, Sight Savers International, International Trachoma Initiative, Pfizer, Kenya Society for the Blind, Christoffel Blinden Mission among others. **[submitted article in 2005 awaiting publication in East African Medical Journal-EAMJ]**
- c) 2004: As WHO (first mission) and Fred Hollows Foundation (second mission) Consultant, conducted and prepared the Eritrea Eye Care Programme Situation analysis report for Eritrea Government.
- d) 2005: As WHO consultant (third mission), facilitated the Eritrea VISION 2020 (Global Initiative for the prevention of avoidable blindness) comprehensive planning workshop and prepared the first National Eye Care Strategic Plan which is to be launched soon.
- e) 2005: As the Sight Savers International consultant and external evaluator, conducted evaluation and prepared evaluation report of the terminal evaluation of the Emergency Trachoma Control

project in 3 states (Zamfara, Sokoto and Kebbi States) of Nigeria. Evaluation report submitted to the Sight Savers country office in Kaduna for printing and distribution.

- f) 2005: As East African College of Ophthalmologist (EACO) and Sight Savers International (SSI) consultant, prepared a joint situation analysis report for the 5 founder member Universities (Nairobi, Dar es Salaam, Moshi, Makerere and Mbarara), June 2005.

Ongoing Research which I am supervising (March 2006)

- a) Ocular manifestation of patients with CNS tumours at Kenyatta National Hospital. [M.Med., Nairobi University]
- b) Use of height as proxy indicator for determining the dosage of Azithromycin in children from two trachoma endemic districts in Kenya. [M.Med., Nairobi University]
- c) Prevalence and pattern of refractive errors among diabetic patients seen at Kenyatta National Hospital. [M.Med., Nairobi University]
- d) Knowledge on prevention of blindness among health workers in Hola District of Kenya. [Kenya Medical Training College]
- f) Prevalence and pattern of refractive errors in Primary School children in Meru District of Kenya. [MPH, Kenyatta University]
- g) Prevalence and pattern of ocular findings in diabetic patients seen at Eldoret National Referral and Teaching Hospital. [MPH, Kenyatta University]

INITIATION OF NEW UNIVERSITY PROJECTS

- a) May 2006: Spearheaded development of and successfully submitted to the University of Nairobi Senate a diploma in Community Eye Health curriculum on behalf of the Department of

Ophthalmology of the University of Nairobi.
Training to start in 2007.

- b) Ongoing: Steering committee member of the proposed University of Nairobi Teaching Eye Hospital.

OTHERS

- **Book Review:** Clinical Guidelines Government of Kenya Ministry of Health, Nov. 1994.
- **Community Service:** Has participated in many eye camps, community surgical outreach and workshops for community workers in Kenya.