

# CURRICULUM VITAE

## Professor Jameela Hassanali

### Professor of Dental Surgery and Anatomy

Chairman: Department of Anatomy and Physiology  
School of Health and Human Sciences  
Pwani University  
P. O. Box 195  
Kilifi, Kenya  
Email: [info@pwaniuniversity.ac.ke](mailto:info@pwaniuniversity.ac.ke)  
Tel: +254 417522498

e-mail: [j.hassanali@pu.ac.ke](mailto:j.hassanali@pu.ac.ke)  
[jameelahassanali.jh@gmail.com](mailto:jameelahassanali.jh@gmail.com)  
+254 733732731; +254716220409

**Date of Birth** : 4 July 1945  
**Nationality** : Tanzanian  
**Marital status** : Single  
**Languages** : English, Hindi, Gujarati and Swahili

### SUMMARY

In June 2014, I joined Pwani University as Professor of Dental Surgery and Anatomy in the Department of Biomedical Sciences. With the launch of the School of Health and Human Sciences in August 2015, I was appointed Chairman of Anatomy and Physiology. I have 39 years of persistent and progressive training and research experience in Human Anatomy, Histology, Embryology, Neuro-anatomy and Oral Biology at the Department of Human Anatomy, College of Health Sciences at University of Nairobi. I have been involved in training and research of health professionals of all cadres both undergraduates (MBCChB, BDS, B.Pharm BScN) and postgraduates (MMed, MDS). In addition, I have participated in curriculum development of all the courses. Research supervision has been for BSc, MSc and PhD in all areas of Medical and Dental sciences. Over the years, I have several local and international publications and conference participations and co-authored two books. My major strength has been working in collaboration with Schools within UoN, Research Institutes (Kenya Medical and Institute of Primate Research) and Regional and International Universities. With adequate team spirit and mentoring, we have a pool of dedicated researchers in all fields of health and basic sciences, including neuroscience. With students from national, provincial and private schools from all parts of Kenya and the region being admitted to courses in Health sciences, one of my major concern has been career guidance and understanding of career challenges prior to joining the course. Present ongoing research projects and publications are on dentition of Kenyans, morphometry of primate brains as well as Community Based Primary Health Education amongst the pastoralist Maasai on improving the health status of the child and deterring practice of deciduous canine tooth bud removal in infants.

## **PROFESSIONAL QUALIFICATIONS**

**Bachelor of Dental Surgery (B.D.S.)** University of Edinburgh - July 1970

**Doctor of Dental Surgery (D.D.S.)** University of Edinburgh - January 1990

Awarded for Thesis Titled "Periodontal and Pulpal Connections from the Teeth to the Trigeminal Mesencephalic Nucleus and Ganglion in the Vervet Monkey and Olive Baboon"

## **PROFESSIONAL EXPERIENCE**

House Surgeon, Oral Surgery Department, Royal Dental Hospital, London. August 1970 to March 1971.

Clinical Dental Practice : 1972 - 1974

## **UNIVERSITY OF NAIROBI :**

April 1975 : Assistant Lecturer

December 1980: Lecturer

November 1985: Senior Lecturer

June 1993 -June 2014 : Associate Professor

## **PWANI UNIVERSITY**

July 2014 : Professor of Dental Surgery and Anatomy.

August 2015: Chairman, Department of anatomy and Physiology  
School of Health and Human Sciences

## **University Teaching Experience:**

1. Organisation of Human Anatomy course (Gross, Histology, Embryology) and Oral Biology for undergraduate and postgraduate Medical and Dental, Pharmacy students from 1975 to date.
2. Teaching courses, setting and conducting tests and final examinations in Human Anatomy and Oral Biology for medical, dental and pharmacy undergraduate students from 1975 to date.
3. Teaching and conducting tests and final examinations in Human Anatomy and Oral Biology for Master of Medicine, General Surgery and Ear, Nose and Throat Surgery, Neuro surgery, Orthopedic surgery from 1985 to date and Master of Dental Surgery from 2000 to date.
4. Preparation and collection of teaching materials: slides, photographs, specimens and books.
5. Awarded 1995 T.C. White Visiting Scholarship to Glasgow by the Royal College of Physicians and Surgeons of Glasgow. Attended the Glasgow University Dental Hospital and School and learnt the preparation of Computer Assisted Learning Programmes and Video tapes for teaching.

- Programmes (CAL). Prepared Video Programme on Oral Biology, Tooth morphology and oro-facial development.
6. Teaching, examining and supervising thesis of intercalated BSc. Anatomy students since 2004 to date, M Sc in Veterinary Anatomy and PhDs in Human Anatomy
  7. Participated in Curriculum Development for Medical, Dental and Pharmacy Undergraduate Courses, especially with respect to Basic Sciences.
  8. Attended the World Conference on Oral Health Education held at WHO-Geneva in November 1994.
  9. Teaching Anatomy and curriculum development for the course for Community Oral Health Workers conducted by the Kenya Medical Training Centre.
  10. Secretary of the Kenya Society of Neuroscientist since July 1997 May 2003.
  11. Departmental representative for the Library Committee from 1985 to date.
  12. Member of Admission Committee for Module II. Schools of Medicine and Dental Sciences (UON)
  13. School of Dental Sciences Curriculum Review Workshop 2004.

#### **Appointed on the Editorial Board of Austin Journal of Anatomy 2014**

#### **Fellowship**

T C White Visiting Fellowship awarded by the Royal College of Surgeons of Glasgow, 1995. Spent 3 months at the Department of Oral Biology, Glasgow Dental Hospital and School.

Listed by the International Biographic Centre, Cambridge, (UK) in the Leading Scientists of the World, Top 100 -2008 and 2000 Outstanding Scientists 2008/2009

#### **External Examiner**

- Undergraduate and postgraduate students in Anatomy at the University of Dar-es-salaam, Tanzania for the years 1980 to 1982, 1995 to 1997 and 2003.
- Undergraduate examination in Oral Biology at the Moi University School of Dentistry, October, 2009 -2013
- External Examiner in Human Anatomy, School of health Sciences (UON) for postgraduate MMed, MDS MSc and intercalated BSc courses.

#### **Internal Examiner**

Three MSc and two PhDs in the Department of Veterinary Anatomy 2006-2008/2013  
 PhD in the Department of Human Anatomy. 2009  
 MSc Anatomy 2010, PhD Anatomy  
 MDS thesis for Oromaxillofacial Surgery and Prosthodontics 2009/2010

#### **Review Journal Manuscripts for Publication**

East African Medical Journal, Biomedical Sciences Public health  
 Argentine Journal of Clinical Anatomy,

## **Supervised and completed :**

PhD Anatomy -Department of Human Anatomy, completed 2011;  
Completion of PhD Dr. Paul Odula December 2015.

The Histomorphology and Tensiometry of the fibrous ventral abdominal wall of the baboon (papio Anubis and goat (Capra hircus)

MSc. Anatomy – Department of Human and Veterinary Sciences completed 2009

BSc. Anatomy – Department of Human Anatomy; 2005 to date 10 students

MDS. Faculty of Dental Sciences.

BDS :Evolutionary features of Jaws and teeth in respect to diet in early hominids

MPH Dr. Hussein Dossajee 2015

Career preferences of final year medical students at a medical school in Kenya.

MPH Mr Denise Mose 2016 (Pwani University)

Uptake of cervical cancer screening amongst women in Kilifi county.

MPH Katana Geoffrey G 2016 (Pwani University)

Determinants of poor treatment outcome among tuberculosis patients in Kilifi county, Kenya Retrospective study.

## **Professional Memberships**

1. Association of Anatomical Society of Africa
2. International Association for Dental Research (East and Southern African Division) and Kenya Dental Association
3. International Brain Research Organisation (IBRO), Society of Neuroscientist of Africa (SONA)
4. Third World Organization for Women in Science (TWOWS)

## **Community Activities**

- Primary Medical and Dental Health Education in Rural and Nomadic areas of Kenya. Community based health education programme commenced since 1993 in nomadic and pastoralist areas in Kajiado District to improve the nutritional status and health of the child. To encourage effective treatment for febrile illnesses and deter the practice of removal of deciduous canine tooth buds in early childhood as a cure for enteric diseases.
- Intervention programme (Community based) incorporating Primary Health Care in Kajiado District (to deter practice of deciduous canine tooth bud removal in Maasai infants).
- Media KBC Maasai radio programme on child health and deterring practice of deciduous canine tooth bud removal in infants conducted in July 2009 reaching a large Maasia community including Kajiado, Namanga, and other regions.

- Contributed presentation on Primary Teeth Mutilations at the First Oral Health Conference in Kigali, Rwanda 1-3<sup>rd</sup> March 2013
- **Brain Awareness activities (Ubongo Campaign)**  
Brain awareness activities conducted as a part of IBRO Brain Awareness Programme to enhance knowledge on BRAIN functions, diseases and research. Carried out in Urban and Rural Primary and Secondary Schools and University students in Nairobi 2006- to date  
In 2014 at Pwani University for secondary school children in Kilifi County.

## RESEARCH ACTIVITIES

Organisation of East African Regional Oral Health Research Promotion Workshop held at Kenya Medical Research Institute, Nairobi on 12<sup>th</sup> to 14<sup>th</sup> November, 1997.

### Research Projects:

1. Morphometric study of brains of some animals related to development, function and evolution. To develop computer simulation models for brain morphometry. To design simulation models using morphometric data of brains of primates in collaboration with Institute of Primate Research, School of Mathematics
2. Dentition of the Kenyan children: analysis of dental casts and socio-cultural aspects related to dental practices.

### Linkages/Collaboration

1. Ongoing study on an intervention programme to deter the practice of deciduous canine tooth bud removal in infants. The study area is Oltepesi village in Magadi division. In collaboration with Centre for Public Health Research, CPHR (KEMRI), KMTC Community Oral health department, and Amref, Noamdic Health Unit. Personnel include academicians, social scientist, statistician and community health education workers. Supported by Burrows Foundation, UK and Deans Committee Grant, University of Nairobi.
2. National Museums of Kenya, Paleoanthropology, Study Fossil Jaws and teeth of Hominids. Ornithology Departments and Participate in National Heritage forum.
3. Board Member of Friends of Nairobi Arboretum and Nature Kenya; Chairman of sub-committee for education and research.
4. In collaboration with the National Museums of Kenya, organized a 2 day forum on the Lamu Origins of Asian African Muslims in November 2011 in Lamu, Kenya.

## **PUBLICATIONS**

### **BOOKS**

Co-authored two books published by the Dar-es-salaam University Press (DUP) in 1996.

1. **“Essentials of Orofacial Anatomy”** Prof. David Ngassapa, Prof. Jameela Hassanali, Dr. Phillip Amwayi and Prof. Simon Guthua
2. **“Practical Manual on Oral and Craniofacial Histology and Embryology ”**  
Dr. Phillip Amwayi, Prof. Jameela Hassanali and Prof. David Ngassapa

Publication submitted : Austin Journal of Anatomy (2016)

Perspectives on teaching and research experience in anatomy and oral biology for 40 years at the Department of Human Anatomy, School of Health Sciences, University of Nairobi. J. Hassanli (2016)

### **JOURNAL PUBLICATIONS**

#### **2016**

- 1 Teaching and Research Experience in Anatomy and Oral biology in the School of Health Sciences, University of Nairobi. Hassanali J. Austin Journal of Anatomy 2016 vol 3/3, 1-4
- 2 Perspectives of challenges of postgraduate training in basic and biomedical sciences in two Kenyan Universities. Hassanali J.; Hashim S. Austin Journal of Anatomy 2016 vol 3/2, 1-2
- 3 Regional variation in microscopy and tensile strength of linea alba in the baboon. Odula P., Hassanali J. Arg J Clin Anat 2016 8/3 126-134

#### **2015 -2011**

1. Regional variation in microscopy and tensile strength of linea alba in the male goat (*Capra hircus*) Odula P., Hassanali J. Anat J of Africa (2015) vol 4 (2) 592-599
2. Regional variation in histomorphology and tensile strength of the ventral rectus sheath in the male goat Odula P., Hassanali J. Aust. J. Anat (2015) vol 2 (2) 1-4

3. Dimensional analysis of Selected Linear and curved measurements of Human and Baboon brains Austin J. Nurs Health Care. G. Pokhariyal, J. Hassanali, M. Ndungu, and N. Kimani Volume 2 /1 pp 2375-2483 (2015)
4. Complex factors associated with illnesses and oral mutilation in a “vulnerable” African infant. Hassanali J and Kibet Peris (Open access journal) Austin J Anat - Volume 1 Issue 4 – 2014
5. Editorial : Importance of knowledge and awareness on career choice of students undertaking health profession courses. Hassanali J. J Ken Dent Assoc 5/3 196-197 (2014)
6. Knowledge and Awareness of First Year Bachelor of Dental Surgery Students on the Basic Sciences Courses and Career Hassanali J. J Ken Dent Assoc 5/3 205-209 (2014)
7. Morphology and morphometry of the lingual nerve in relation to the mandibular third molar Isaac Kipyator, Fawzia Butt and Jameela Hassanali Open Journal of Stomatology (OJST) (2014)
8. Prevalence of Abnormal Sternal Angles in a Kenyan Population. Hemed El-Busaidy, Jameela Hassanali, Wycliffe Kaisha, Saidi Hassan, Julius Ogeng’o, Bernard Ndung’u. Anat Physiol Vol 4 Issue 1 (2014)
9. Morphometric Parameters of Kenyan adult mandibles. Kenyanya A, Chindia M, Hassanali J, Pokhariyal G. East African Medical Journal\_Vol 88 Issue 10 (2011)
10. Comparative Morphometry of the Olfactory bulb, tract and stria in the Human, Dog and Goat. Kavoi B. and Hassanali J. Int J. Morph. 29(3); 939-946 2011
11. Position and blood supply of the carotid body in a Kenyan population. Muthoka, J.M, Hassanali J, Mandela P, Ogeng’o J.A, Malek A.A. Int J. Morph., 29(1):65-68, 2011.
12. Regression and simulation models for humans and baboon brain parameters. G. Pokhariyal, J. Hassanali. Int J. Morph vol 29 Issue 3 971 – 977. 2011
13. Sternal foramina and variant xiphoid morphology in a Kenyan population. H. El-Busaid, W. Kaisha, J. Hassanali, S. Hassan, J. Ogeng’o. P. Mandela. Folia Morphol. Vol 71, 2011
14. Morphometry and Variations of Bony Ponticles of the Atlas Vertebrae (C1) in Kenyans. Karau Bundi P, Ogeng’o J.A, Hassanali J, Odula P.O. Int. J. Morphol 28(4): 1019 – 1024, 2010.
15. Anatomy and prevalence of Atlas Vertebrae Bridges in a Kenyan population: An Osteologica Study. Paul Bundi Karau, Julius A. Ogeng’o, Jameela Hassanali, Paul Odula. Clinical Anatomy 23:649-653 (2010).

16. Comparative functional structure of the olfactory mucosa in the dog and sheep. Kavoi B, Makanya A., Hassanali J., Hans-Erik C., Kiama S. *Annals of Anatomy* 192:329-37, 2010.
17. Anatomic position of the Asterion among Kenyans for posterolateral surgical approaches to cranial cavity. Mwachaka PM, Hassanali J, Odula P. *Clinical Anatomy* 23:30-33 (2010).
18. Socio-cultural practices of deciduous canine tooth bud removal among Maasai children. J. Mutai, E. Muniu, J. Sawe, J. Hassanali, P. Kibet, P. Wanzala. *International Dental Journal*, 60 : 94-98 (2010)
19. Topography and distribution of ostia venae hepatica in the retrohepatic inferior vena cava. Bundi PK, Ogengo JA, Hassanali J, Odula PO. *Annals of African Surgery* 4 : 13-17 (2009)
20. Regional Histomorphometry of the Hepatic Inferior Vena Cava: a Possible Sphincteric Mechanism. Bundi PK, Ogengo JA, Hassanali J, Odula PO. *International Journal of Morphology* 27: 849-854 (2009).
21. Course of the hepatic Inferior Vena Cava in a Kenyan Population. Bundi PK, Ogengo JA, Hassanali J, Odula PO. *Clinical Anatomy*. Online [www.interscience.wiley.com](http://www.interscience.wiley.com) DOI 10.1002/ca.20807 (2009).
22. Sutural morphology of the pterion and asterion among adult Kenyans. Mwachaka PM, Hassanali J, Odula P. *Brazilian Journal of Morphological Sciences* 26:4-7 (2009)
23. Anatomic position of the Pterion among Kenyans for lateral skull approaches. Mwachaka PM, Hassanali J, Odula P. *International Journal of Morphology* 26: 931-933 (2008)
24. Biometric features of facial foramina in adult Kenyan skulls. Ongeti K, Hassanali J, Ogeng'o J, Saidi H. *European Journal of Anatomy* 12 :1:89-95 (2008)
25. Enucleation of deciduous canine tooth buds in infants in Sub-Saharan Africa. Hassanali J and Wanzala P. *Developing Dentistry* 9:1:8-10 (2008)
26. Enucleation of Deciduous Canine tooth bud in infants of Maasai community in Kenya P. Wanzala, J. Sawe, J. Hassanali, P. Kibet, et al. *Kenya Dental Association Journal* 1: 1 (2008).
27. Histomorphometry of the left anterior descending coronary artery among Kenyans. Kilonzi PJ, Saidi HS, Hassanali J, Ogeng'o JA *Eur. J. Med. Res.*, 2008; 13 (suppl 1): 2.



28. Prevalence and distribution of the Third Coronary Artery in Kenyans. Olabu B.O. Saidi H., Hassanali J. Ogeng'o J.A. *International Journal of Morphology* 25 (4) : 851-854 (2007).
29. Deciduous Canine tooth bud removal in infants in East Africa. *Scientific Letter, East African Medical Journal* 84, 500-501 (2007).
30. Comparative analysis of selected linear measurements of human and baboon brains J. Hassanali, G. Pokhariyal, P. Mwasina *European Journal of Anatomy*, 11, 9-16 (2007)
31. Perceptions of Primary Health Care, Knowledge Attitudes and Practices amongst the Kenyan Maasai. P. Wanzala, J. Hassanali, P. Kibet, H. Dossjee. *East African Medical Journal* 82, 24 - 27 (2005).
32. Simulation Model from Dental Arch Shapes. G. Pokhariyal, C. Moturi, J. Hassanali, S. Kinyanjui. *East African medical Journal* 81, 599 - 602 (2004).
33. Morphometric Analysis of the cerebral cortex in the developing baboon, H. Dossajee, J. Hassanali, *European Journal of Anatomy* 8(1): 29 -34 (2004).
34. Deciduous and Permanent tooth Anomalies arising from Deciduous canine tooth bud removal in infancy amongst the Maasai. J. Hassanali, P. Kibet, *African Journal of Oral Health Sciences* Vol. 4, No. 3, 233-235 (2004).
35. Recent observations of some socio-cultural norms amongst the Kenyan Maasai in Kajiado District. H. Dossajee, J. Hassanali *African Journal of Oral Health Sciences* Vol. 4 No. 2 206-208 (2003).
36. Radiographic Analysis of Size and Pattern of Maxillary and Frontal air Sinuses in Kenyan Adults. S. Ochola, Muasya M., Hassanali J., Guthua S.W.; *African Journal of Oral Health Sciences* Vol. 3, No. 3; Nov. (2001).
37. Analysis of dental casts of 6-8 and 12 year old Kenyan children . J. Hassanali and J.W. Odhiambo *European Journal of Orthodontics* 22:135-142 (2000).
38. Quantitative analysis of the trigeminal ganglion neurons in the human, monkey and baboon. J. Hassanali, S. Maolbabic and Y Vujaskovic *European Journal of Anatomy* 3(3):115-20 (1999).
39. Quantitative analysis of the neurones of the trigeminal mesencephalic nucleus and ganglion innervating the teeth in the monkey and baboon. J. Hassanali *Archives of Oral Biology* 42/10-11:673-682 (1997).
40. Removal of deciduous canine tooth buds amongst the Maasai children. J. Hassanali, P. Amwayi, A. Muriithi. *East African Medical Journal*, 72: 207-209 (1995).

41. Social aspects of the dental health of the rural Maasai community. J. Hassanali, P. Amwayi, A. Muriithi. *Discovery and Innovation*. Vol. 6 363-365 (1994).
42. Patterns of nerve regeneration in dental pulps of monkeys following surgical transection at one year. L. Bailey, P. Sadowsky, C. Nelson, J. Hassanali, C. Cox. *Int.J.of Adult Orthod.Orthogn.Surg.* 8: 47-54 (1993).
43. Biometric analysis of dental casts of Maasai who had extractions of mandibular central incisors and of the Kikuyu. J. Hassanali, P. Amwayi *European Journal of Orthodontics*; 15: 513-518 (1993).
44. Anterior tooth relationships in Kenyan Africans. J. Hassanali, G. Pokhryal. *Archives of Oral Biology*; 38: 337-342 (1993).
45. The position of mandibular and mental foramina in Kenyan Africans mandibles. D. Mwaniki, J. Hassanali. *East African Medical Journal* 69: 210-213 (1992).
46. Biometric analysis of mandibles of *Papio anubis* and *Cercopithecus Aethiops*. J. Hassanali. *Folia Primatologica*; 56: 28-32 (1991).
47. Clinical report on longitudinal post-eruptive changes in fluorotic enamel observed in 10 cases over a period of 2½ years. P. Nganga, M. Chindia, J. Hassanali. *East African Medical Journal* 67: No. 1 (1990).
48. Report on two aspects of Maasai dentition. J. Hassanali, P. Amwayi. *East African Medical Journal* 65: 798-803 (1988).
49. Stereological analysis of the developing midbrain of the olive baboon. J. Hassanali, R. Tarara, J.N. Maina. *Acta Stereologica* 6: 93-98 (1987).
50. Hypoplasia and hypodontia of permanent lateral incisor in Africans. J. Hassanali, J. Onyango; *Nrb. Un. Dent. J.* 2:33-37 (1985).
51. The third permanent molar eruption in Kenyan Africans and Asians. J. Hassanali; *Annals of Human Biology* 12: 517-523 (1985).
52. Use of teeth calcification and eruption data for estimation of calendar age: Review of Literature. J. Hassanali; *Nrb.Un.Dent.J.* Vol.II, 19-23 (1985).
53. Palatal analysis and osteology of the hard palate of Kenyan African Skulls. J. Hassanali, D. Mwaniki. *Anatomical Record* 209: 173-280 (1984).
54. Incidence of cusp of Carabelli in Kenyan Africans and Asians. J. Hassanali; *American Journal of Physical Anthropology*; 59: 317-319 (1982).

55. Estimation of calendar age from eruption times of permanent teeth in Kenyan Africans and Asians. J. Hassanali, J.W. Odhiambo; *Ann. Hum. Biol.* 9: 175-177 (1982).
56. Ages of eruption of permanent teeth in Kenya African and Asian children. J. Hassanali and J.W. Odhiambo; *Annals of Human Biology* 8: 425-434 (1981).

## CONFERENCES ATTENDED

Tanzania Health Summit held in Dar-es-salaam 14-15<sup>th</sup> November 2014 on “Promoting health care by engaging health professionals, policy makers and public private participation”

18<sup>th</sup> Congress of the International Federation of Association of Anatomist (IFFA) held in Beijing, 8-10 August 2014: Anatomy from gross to molecular and digital

1. East African Neuroscience SONA conference June 2012 Nairobi Poster Presentation Dimensional Analysis of selected linear and curved measurements of human and baboon brains.
2. Third world organization for women in science (TWOWS) fourth General Assembly and international conference in Beijing, China 27<sup>th</sup> to 30<sup>th</sup> June 2010
3. National Museums of Kenya Scientific conference Nairobi, 23-25<sup>th</sup> Nov 2009
4. 5<sup>th</sup> Stony Brook Human Evolution Symposium convened by Richard Leakey “Forty Years of Human Evolution Research in Turkana Basin of Northern Kenya” 18<sup>th</sup> August 2008.
5. African Association of Physiological Sciences 5<sup>h</sup> Congress AAPS held in Nairobi 27<sup>th</sup> July to 1<sup>st</sup> August 2008.
6. Presented paper on ‘Role of Traditional Birth Attendants in practice of Deciduous Canine Toothbud ENUCLEATION in Maasai Infants’ at the East African International Health and Scientific conference held in Arusha, Tanzania 26-28 March 2008.
7. World Conference of Federation Dental International held in Dubai , October 2007
8. Workshop on Parasite immunology and Immunogenetics organized by Biological Sciences, Tata Institute of Fundamental Research, India. January 7- 11 2007.
9. The 2<sup>nd</sup> Mediterranean Conference of Neurosciences held in Marrakech, Morocco, December 3-15 2006. Presented Poster on Comparative morphology of Human and Baboon brains.
10. Anatomical Society of Great Britain and Spanish Society meeting in Madrid, Spain September 12-15, 2006, Presented a paper on “Comparative Analysis

- of Selected Linear Measurements of Human and Baboon Brains." Abstract in Journal of Anatomy 2006.
11. Visited the Tata Institute for Fundamental Research (TIFR), Mumbai and Bangalore, Department of Biological Sciences for collaborative work. November 2005.
  12. Attended the Third World Organization for Women in Science (TWOWS) General Assembly and International Conference held in Bangalore , India 21-25 November 2005.
  13. First African and Middle East IADR Federation conference held in Kuwait, September 27-29, 2005. Presented paper on "Experiences amongst the nomadic pastoralist communities on deciduous canine toothbud removal practice."
  14. The IADR joint East, South African and Middle East Division Meeting in Nairobi 26-28 August 2004
  15. The IADR meeting in Arusha, Tanzania October 2003
  16. Medical Women International Association Congress (MWIA) in Kampala, Uganda 21-28<sup>th</sup> March 2003. Poster Presentation on "Effect of Deciduous Canine tooth bud removal in Maasai children".
  17. Participated in the 3<sup>rd</sup> IBRO Neuroscience School 2-8<sup>th</sup> Sept. 2002 held in Nairobi. "Morphometric parameters of the Brain".
  18. SONA (Society of Neuroscientists of Africa) 5<sup>th</sup> Conference; Nairobi 23-27 April 2001.
    - a) Primary afferent neurons innervating the tooth pulps in monkey and baboon; Jameela Hassanali.
    - b) The Trigeminal main sensory brainstem nucleus in the monkey and baboon: Peter Wanzala and Jameela Hassanali
  19. The Anatomy 2000 Tripartite Meeting of the Anatomical Society of Great Britain and Ireland held in Cambridge, England on 24-26<sup>th</sup> July 2000. Presented a paper on the "Anomalies in the deciduous and permanent dentitions following the removal deciduous canine tooth buds in the Maasai children."
  20. The 12<sup>th</sup> IADR conference held in Kampala, Uganda 3-5<sup>th</sup> Nov. 1999. Presented a paper on Pulpal afferents to the trigeminal ganglion in the monkey and baboon.
  21. The 11<sup>th</sup> IADR conference held in Nairobi, Kenya, 14-18 October 1998. Presented paper on Community based Oral health education intervention programme to deter the practice of removal of deciduous canine tooth buds amongst the Maasai.
  22. The 3<sup>rd</sup> Forensic Odontological Society meeting held in Madras, India 14-17 February 1998. Presented paper "Forensic Ödontological data on Kenyans".
  23. Fifth Scientific Conference of the East, Central and Southern Africa Network of International Biometric Society held in Mombasa, Kenya from 21-25<sup>th</sup> September, 1997. Presented paper "Analysis of dental casts of 6, 12 and 16 year old Kenyan children.
  24. The 10<sup>th</sup> IADR conference held in Arusha, Tanzania 17-20<sup>th</sup> Sept.1996. Presented a paper on Oral Health Education: New perspectives.

25. The 3<sup>rd</sup> IBRO/SONA conference held in Cape Town, South Africa, April 1996. Presented papers on "The Structure of the mesencephalic nucleus and the supratrigeminal nucleus in the monkey and baboon."
26. The XII<sup>th</sup> International Symposium on Morphological Sciences held in Thessalonik, Greece 22-27 September, 1995. Presented paper. "Quantitative analysis of trigeminal mesencephalic nucleus and ganglion in monkey and baboon."
27. The Tenth European Anatomical Congress held in Frieenze, Italy from 17-21 September, 1995. Presented paper. "Quantitative analysis of the neurons Trigeminal Mesencephalic nucleus and Ganglion innervating the teeth in the monkey and baboon."
28. Attended the British Dental Association Meeting held in Birmingham, June 1995.
29. World conference on Oral Health Sciences Education held at WHO - Geneva 6-12 November, 1994.
30. 8<sup>th</sup> International Association for Dental Research Conference held in Kampala, Uganda 14-19 November, 1993. Presented paper on "Regeneration of nerves following apical root transections in monkeys".
31. International meeting of Neuroscience held in Nairobi, Kenya 8-13 March, 1993.
32. Anatomy Subject Meeting held in Arusha, Tanzania 2-5 June, 1992. Presented a Key Note address on "Human Resource Development" and paper on "Quantitative analysis of trigeminal mesencephalic nucleus and ganglion in monkey and baboon".
33. Sixth International Association for Dental Research, East and Southern African Division Meeting held in Gabarone, Botswana 17-19 October, 1991. Presented paper "Anterior teeth morphometric parameters in Kenyans."
34. International Association for Dental Research, East African Division Seminar held in Nairobi 27-30 November, 1990. Presented paper "Traditional extraction of teeth amongst the Maasai and other Kenyans".
35. Neuroscience Congress held in Nairobi 12-18 February, 1988. Presented paper "Horse-radish peroxidase retrograde axonal transport method for tracing neural connections from teeth".
36. Third African Dental Research Conference held in Morogoro, Tanzania 27-30 April, 1988. Presented paper "Variations in the anatomical position of the mandibular and mental foramina in Kenyan African mandibles".
37. Kenya Medical Women's Association Meeting held in Nairobi 4-5 March, 1988. Presented paper "Oral Hygiene status and enamel hypoplasia of non-fluoride aetiology amongst the Maasai and Kikuyu children".
38. 7<sup>th</sup> International Society for Stereology held in Caen, France 2-9 Sept. 1987. Presented paper "Stereological analysis of the developing midbrain of baboon".
39. First East African Dental Research Conference held in Dar-es-salaam, Tanzania 25-29 April, 1986. Established the foundation of research co-operation and strategies in East Africa.

40. National Seminar on Advances on Fluoride Research in Kenya held in Nairobi, 20-21 November, 1985. Presented paper on Macro- and microscopic appearance of enamel, dentine and cementum of fluorosed teeth'.
41. International Association of Dental Research, Scandinavian Division Meeting held in Oslo, Norway 23-26 August, 1984.
42. X<sup>th</sup> Congress of the International Primatological Society held in Nairobi, Kenya 22-27 July, 1984. Presented two papers; 'Analysis of mandibular and dental dimensions in monkeys' and 'Stereological analysis of Mesencephalic nucleus of V<sup>th</sup> nerve. J. Primatology 5: (1984).
43. 13<sup>th</sup> Conference of the International Society for Fluoride Research held in New Delhi, India; 14-17 November, 1983.

## REFEREES

1. Professor Odhiambo John W.  
Vice Chancellor, Strathmore University  
P.O. Box 59867, Nairobi 00200  
Tel +254 722 336648
2. Professor Pokhariyal Ganesh P.  
School of Mathematics, University of Nairobi  
pokhariyal@uonbi.ac.ke
3. Professor Patel Nilesh B.  
Chairman, Department of Medical Physiology ,  
School of Medicine, College of Health Sciences, University of Nairobi  
npatel@uonbi.ac.ke

Professor Jameela Hassanali  
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