

BRIEF CV JH Nov 2018

**Professor Jameela Hassanali BDS,DDS. (Edinburgh University)
Professor of Dental Surgery and Anatomy**

Chairman: Department of Anatomy and Physiology
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Date of Birth : 4 July 1945
Nationality : Tanzanian
Languages : English, Hindi, Gujarati and Swahili

SUMMARY

June 2014: Appointed at Pwani University as Professor of Dental Surgery and Anatomy in the Department of Biomedical Sciences. August 2015: Chairman of Anatomy and Physiology in the School of Health and Human Sciences. From 1975 to 2014: at University of Nairobi, 39 years of training and research experience in Human Anatomy, Histology, Embryology, Neuro-anatomy and Oral Biology at the Department of Human Anatomy, College of Health Sciences; teaching undergraduates (MBChB, BDS, B.Pharm BScN) and postgraduates (MMed, MDS) students. Experience in curriculum development, supervision of BSc, MSc and PhD in Medical and Dental sciences. To date over 50 publications in local and international journals, attendance in 60 conferences, and co-authored two books. My major strength are: collaboration with Schools within UoN, Research Institutes (Kenya Medical and Primate Research) and Regional and International Universities. With team spirit and mentoring, we have a pool of dedicated academics and researchers in all fields of health and basic sciences, including neuroscience. One of my major concerns has been career guidance and mentoring on career challenges to secondary and tertiary students, prior to joining the course. Publications on dentition of Kenyans, morphometry of primate brains and basic anatomy have been extensive. 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 has been carried out from 1985 to 2012. September 2014 to date at Pwani University: Supervised Masters in Public Health and addressed challenges of post graduate training, teaching and mentoring of undergraduate students in School of Health and Human Sciences with 6 publications and attended 5 conferences

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 to June 2014

1. Organisation, teaching and examination of Human Anatomy course (Gross, Histology, Embryology) and Oral Biology for undergraduate and postgraduate Medical, Dental, Pharmacy and nursing students from 1975 to 2014 at UoN. Including preparation and collection of teaching materials: slides, photographs, specimens and books and Computer Assisted Learning (CAL) and Videos for teaching Oral Biology.
2. Participated in Curriculum Development for Medical, Dental and Pharmacy Undergraduate Courses. Curriculum review for the course for Community Oral Health Workers conducted by the Kenya Medical Training Centre.
3. Attended the World Conference on Oral Health Education held at WHO- Geneva in November 1994.
4. Secretary of the Kenya Society of Neuroscientist since July 1997 May 2003.
5. Departmental representative for the Library Committee from 1985 to 2014.
6. Member of Admission Committee for Module II. Schools of Medicine and Dental Sciences (UON)

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

Community Activities

1 Primary Medical and Dental Health Community Based Education Program in Rural and Nomadic areas of Kenya (1990 to 2012), to improve the health of the child and deter the practice of removal of deciduous canine tooth buds in infants as a cure for febrile illness in infants. Used interactive radio programme on child health and deterring practice of deciduous tooth removal in Maasai in 2009 reaching nomadic communities in Kenya.

Contributed presentation on Primary Teeth Mutilations at the First Oral Health Conference in Kigali, Rwanda 1-3rd March 2013

2. Brain Awareness activities (Ubongo Campaign)

Guided medical students in conducting activities to enhance knowledge on BRAIN functions, diseases and research, as per IBRO mandate amongst primary, secondary and tertiary students, from 2006-2014 in Nairobi and at Pwani University in Kilifi. Activities ongoing to date.

Workshop, collaborations, meetings

1. East African Regional Oral Health Research Promotion Work- shop held in Nairobi on 12th to 14th November, 1997; under the mentorship of late Professor Joseph Mungai.
2. Morphometric study of brains of some animals related to development, function and evolution. To develop computer simulation models for brain morphometry data and

design simulation models of brains of primates in collaboration with Institute of Primate Research and School of Mathematics

3. Dentition of the Kenyan children: analysis of dental casts and socio-cultural aspects related to dental practices. In collaboration with Centre for Public Health Research, CPHR (KEMRI)
4. Participate in National Heritage forum of NMK and organized a 2 day meeting on Lamu Asian in November 2011 in Lamu, Kenya.
5. National Museums of Kenya (NMK) :Paleo-anthropology study Fossil Jaws and teeth of Hominid; Nature Kenya and Friends of Arboretum as chairman of education and research committee.

Professional Memberships

1. Anatomical Society of Africa
2. International Association for Dental Research (IADR) and Kenya Dental Association (KDA)
3. International Brain Research Organisation (IBRO), Society of Neuroscientist of Africa (SONA)
4. Organization for Women in Science in Developing countries. (OWSD)

Review Journal Manuscripts for Publication : East African Medical Journal, Argentine clinical Journal of Anatomy

Appointed on: The Editorial Board of Austin Journal of Anatomy 2014
The Editorial Board of Argentine Journal of Clinical Anatomy 2017

External Examiner

1. 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.
2. Undergraduate examination in Oral Biology at the Moi University, School of Dentistry, October, 2009
3. Undergraduate and postgraduate examinations in Human Anatomy and Oral Biology , School of Health Sciences (UON) for 2015,2016 and 2018

COMPLETED PHD AND MASTERS SUPERVISION AND INTERCALATED BSC. ANATOMY : (UoN)

PhD, Dr. Joseph Kweri, 2010.

PhD Dr. Paul Odula December 2015.

MSc. Anatomy – Department of Human and Veterinary Sciences, Dr. Boniface Kavoi completed 2009

MDS. Faculty of Dental Sciences, Dr Anthony Kenyana.

MPH Dr. Hussein Dossajee 2014

BSc. Anatomy, 12 (Intercalated) – Department of Human Anatomy; 2005 to 2014

PWANI UNIVERSITY: July 2014 : Professor of Dental Surgery and Anatomy.

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

Supervised : MPH

Mr Denise Mose 2016

Uptake of cervical cancer screening amongst women in Kilifi county.

Katana Geoffrey G 2016

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

Bogonko Venah Reliability and accuracy of anthropometric measurements done by nurses 2017

Appointed on the Ethical Review Committee by the VC in 2015 to date

Meeting Anatomist from East Africa with Prof Beverley Kramer, President of International Associations of Anatomist at Pwani University on 26th March 2017

Publications and areas of interest.

6 Publications and 5 conferences

1. Teaching and Learning anatomy methods for nursing students and motivation in learning.
2. Postgraduate training programme challenges.
3. Mentoring and Career Guidance for secondary, tertiary and graduate students.

PUBLICATIONS 2018 --1982

BOOKS

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

“Essentials of Orofacial Anatomy” Prof. David Ngassapa, Prof. Jameela Hassanali, Dr. Phillip Amwayi and Prof. Simon Guthua

“Practical Manual on Oral and Craniofacial Histology and Embryology ” Dr. Phillip Amwayi, Prof. Jameela Hassanali and Prof. David Ngassapa

JOURNAL PUBLICATIONS

2018 - 2015 (Pwani University)

1. Teaching and learning anatomy methods for undergraduate nursing students Austin Journal of Anatomy 5/2 2018
2. Perspectives of human anatomy teaching and research at University of Nairobi and Pwani University and postgraduate training in Kenya. EDITORIAL Arg Cincial Jour. Anat. 10/2 42-43 2018
3. Tackling classroom apathy among undergraduate students in developing world context at Pwani University. Mbogho A. And Hassanali J INTED Proceesdings 2337-2340 2017
4. 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
5. 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
6. 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

2014-2015 (University of Nairobi)

- 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 thirdmolar 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)