



Dr(Dr) Farayi Moyana (B. Adult.Ed; BDentSurg[BDS]; MPH; MBA; MPhil; PhD)

See section 4.0 or check on my linkedIn profile for additional qualifications

Current positions:

- i. Director of the Zimbabwe Academy of Dental Nursing (ZADENU),
- ii. Private Practice Dentist,
- iii. Part-time Director of Domboshava MedClinic Maternity Hospital.
- iv. Regular Ethics & Science Reviewer on research protocols at the Medical Research Council of Zimbabwe (MRCZ).
- v. Honorary Lecturer at the School of Dental Therapy and Technology, Ministry of Health and Childcare, Zimbabwe.

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1.0 Summary

Dr (Dr) Farayi Moyana (PhD) is a Health Care Professional (HCP) specializing in Oral Health/ dentistry but with interests, skills and competencies in a number of areas including but not limited to Medical Ethics/ Bioethics, Health Law, Adult Education (planning, design, implementation and evaluation of training programmes), health policy, monitoring and evaluation, Public Health, Community Development, Social Justice, Corporate Governance and Integrity as well as empowerment of marginalized and underprivileged children.

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He is a Board Member for Sunshine Kids Mushavana (www.mushavana.org), a Not-For-Profit Organisation headquartered in Australia, Melbourne, Victoria State. He is the founder and Director of the Zimbabwe Academy of Dental Nursing (www.zadenu.org) and Part-time Operations Director for Domboshava MedClinic (Maternity Hospital, Dental, Medical and Ultrasound scan Centre)(www.domboshavamedclinic.org). He carries his dental and orthodontic clinical work at Borrowdale Dental Surgery (www.borrowdaledentalsurgery.com) and Medical Chambers Dental Surgery, 60 Baines Avenue, Harare (www.moyanaorthodontal.com). He offers his Corporate Social Responsibility (CSR) to Daniye Dental Clinic (a community dental facility for the low income group in Kuwadzana High Density suburb) on the west of Harare. Has been involved in dentistry for the past 35 years, starting at a tender age of 20 years when he completed a dental therapist diploma in 1987.

He is a past Honorary Treasurer for the Zimbabwe Dental Association (ZIDA), the longest serving office bearer in that position, from 2004 to 2018. While in that position he led an ambitious campaign to raise funds to purchase the ZIDA house, sometimes organizing raffle ticket sales and dinner dances in order to raise funds. The campaign culminated into the purchase of the ZIDA house on Tweed Street, for 120k USD in the suburb of Eastlea in Harare, Zimbabwe. In August 2020, at the occasion of the Zimbabwe Dental Association (ZIDA) Annual General Meeting he was awarded the prestigious PROTEA Trophy, the highest accolade that ZIDA can bestow to someone for outstanding achievements and contribution to the voluntary professional Association. He is also a member of the Research Ethics Association of Southern Africa (REASA). He is a reviewer of health research proposals at the Medical Research Council of Zimbabwe.

2.0 Vision

- i. To promote an inclusive healthcare model in Zimbabwe with egalitarian and ubuntu attributes.
- ii. To develop a team approach to training of healthcare professionals with a significant input in bioethics and health law at all levels of training.

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- iii. To contribute in any way possible in the areas of health and education, to the upliftment of the underprivileged members of society, especially children and young adults.
- iv. To participate and increase the scope of outreach medical expeditions in Zimbabwe and beyond.
- v. To improve, strengthen, promote and fulfill social justice needs and aspirations of the marginalized and underprivileged members of our society, especially children and the girl child.

3.0 Selected Significant Achievements

- i) Participated in the stakeholder analysis and establishment of the multi-sectoral technical working group (TWG) on 16th November, 2021. Sponsored by the WHO Country Office in Zimbabwe, WHO AFRO region and the Directorate of Oral Health Services in the Ministry of Health and Child Care (MOHCC).
- ii) Planned, sponsored and implemented a belated World Oral Health Day commemorations, combined with a General Health awareness campaign at Daniye Dental Clinic (Kuwadzana 2 Shopping Centre, 23rd and 24th October, 2021) and at Domboshava MedClinic Maternity Hospital (30th and 31st October, 2021). This was carried out in collaboration with the Health at Heart Foundation, Lancet Laboratories, Populations Services Zimbabwe and Celebration Health. Plans are at an advanced stage to make these health awareness activities an annual event.
- iii) As Board Member of Sunshine Kids Mushavana Dr Moyana has provided leadership in getting a 2000 kg container full of donated medical equipment, sundries and disposables to reach Zimbabwe safely. The whole container had about 80 000 items of various types.
 - He arranged for and supervised clearance with Zimbabwe Customs authorities and arranged for transportation to Harare Head office for Sunshine Kids Mushavana.
 - He organized volunteers to sort the container contents, identified recipients and arranged for transportation and official handover to the various hospitals and clinics across Zimbabwe.

- The following were the deserving recipients: Sally Mugabe Hospital in Harare, Masvingo Provincial Hospital, Morgenster Mission Hospital, Concession District Hospital, Chigodora Govt Clinic and Nyazvidzi clinic.
- iv)** Medical outreach in Domboshava (peri-urban rural community) with Angels Foundation (through their project called Doctors and Nurses on a Mission of Zimbabwe) on 29th May, 2021 at Molife Primary school. Our participation is through our Domboshava MedClinic (Maternity Hospital) and provided Ante-natal care, Ultrasound scan information and education, Mother and Child Health education, vaccinations and Nutritional information.
- v)** Sponsored and supervised a major renovation of the School of Dental Therapy and Technology at Parirenyatwa Central Hospital in Harare between October and December 2019. This enabled the school to pass a re-inspection from the Medical and Dental Practitioners Council of Zimbabwe (MDPCZ). The school had been closed for want of functional of equipment and dilapidated infrastructure. The school had been closed for want of functional of equipment and dilapidated infrastructure. Estimated Value in cash and kind: 15 000 USD Corporate Social Responsibility (Donation).
- vi)** Spearheaded the CIDA (Canadian International Development Agency) project between Ministry of Health and Saskatchewan Provincial Government from November 1990 to 1994. Dr Moyana's role was to implement a new three-year curriculum for the expansion of training of dental therapists at Parirenyatwa Central Hospital, Harare.
- The project was valued at around 150 000 Canadian dollars.
 - The project sponsored Dr Moyana to undergo work attachment in 1990 in Regina, Canada at the Saskatchewan Institute of Applied Science and Technology (SIAST)-WASCANA CAMPUS.

Outputs of the project:

- New 3-year diploma for dental therapist training (from the certificate course) was started with April 1990 intake, following drafting of a new syllabus, presenting it to the Health Professions Council and its gazetting.

- Renovation and installation of 7 dental surgeries at the school of Dental Therapy, 1990 to 1991. Sponsored by the Canadian International Development Agency (CIDA). Estimated value: 150 000 Canadian dollars. A new dental therapy training clinic was commissioned at the school and officially opened by the then Minister of Health (Dr. Timothy Stamps) and the then Canadian High Commissioner to Zimbabwe, Mr Andrew Basset. This was as a result of our ability to lobby and convince the Saskatchewan Provincial Government to donate a valuable consignment of good second hand dental and assorted equipment to the GOZ. The dental clinic enabled the weaning of the dental therapy training programme from the service centre at Govt Dental Centre.
- A documentary on the project was filmed in Zimbabwe and broadcasted in Canada, as part of the evaluation and monitoring.
- Five new dental therapy tutors were trained at the Harare Polytechnic, University of Zimbabwe Adult Education Department as well as ensuring that they acquired practical experience at the school.

vii) Worked with Prof Joe Frencken on a Project called: Oral Health awareness improvement in Secondary Schools project in Harare between 1992 and 1996, funded by the Netherlands Government. During this period Dr Moyana was the Head of the School of Dental Therapy and Technology at Parirenyatwa Hospital in Harare.

viii) Project Consultant for CIMAS medical Aid Society on the conceptualization, promotion and commissioning of the Rowland Square Dental Clinic facility from 2013 to 2015. The major aspects of Dr Moyana's role comprised the following:

- a) Project proposal documentation for board approval
- b) Project budgeting, cost and time management
- c) Supervising renovations of building
- d) Sourcing of equipment and instruments both locally and offshore
- e) Installation of dental chairs and related equipment
- f) Assisting in the recruitment of dental staff.

➤ The project was successfully completed at No. 13 Rowland Square, Milton Park Harare. The project is worth in excess of US100 000.

ix) Longest serving and immediate past Honorary Treasurer of the Zimbabwe Dental Association (ZIDA) from 2004 to 2018, handling an average annual budget of US150 000.

Outputs of the project:

- Conceptualization and roll out of ZIDA inaugural Dinner Dance fund raising at holiday Inn Hotel, December 2013. Raised a profit of US2000 after all expenses paid.
- Managed to mobilize donations/resources to purchase a laptop computer, LCD projectors and other movable assets for the Bulawayo and Harare branches and accessories for the Dental Association.
- Managed to spearhead a saving/hedging scheme for the Zimbabwe Dental Association funds in Unit Trust Investment Accounts, Asset management companies and other financial instruments. As a result of this the Dental Association has managed to meet its financial obligations and put aside some modest savings in the harsh economic environment.
- As Treasurer of Zimbabwe Dental Association (ZIDA), coordinated fund raising activities from national and international organizations to fund association activities. These activities include continuing education programmes, research activities, Annual general meetings and scholarship support activities for undergraduate dental students.
- Initiated a campaign called “ZIDA HOUSE IN OUR LIFE TIME” from 2009 which culminated in the purchase of ZIDA’s own property, to called ZIDA HOUSE, valued at around 120 000 USD, in the Eastlea suburbs of HARARE.

4.0 Current Projects:

- i. **In progress:** Commissioned by the Zimbabwe Dental Association (ZIDA) to write a book on the “*History and Development of Dentistry and Zimbabwe*”, spanning the period from Precolonial Zimbabwe, Colonial Zimbabwe and Post-Independent Zimbabwe.
- ii. **In progress:** Probono consultancy to the Harare Institute of Technology (HIT)(University) and Chinhoyi University of Technology (CUT) on the feasibility of establishing a department of Allied Dental Sciences to offer degree programmes for oral

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/dental hygienists, dental therapists, Dental Technicians and Hospital Equipment Technicians.

- iii. **Almost complete:** Assisting the Higher Examination Council/Ministry of Higher Education with development of a Statutory Instrument (SI) for the National Diploma (ND) for Dental Surgery Assistants. This will allow participants of the Zimbabwe Academy of Dental Nursing (ZADENU) to be accredited to HEXCO after writing a bridging examination.

5.0 Degrees, Diploma & Certificates:

- (1) Mt Selinda High School, Chipinge, Manicaland, Zimbabwe, GCE Cambridge High School certificate, **1984:** Biology A, Physical Science A, Mathematics A, English Language A, English Literature A, Shona A, Geography A.
- (2) **1990:** Health Teachers Diploma. Mandel Training Centre, Malborough, HARARE, Zimbabwe.
- (3) **1991:** Advanced Skills Enhancement Residency, Wascana Campus, St. Johns Dental Centre, Saskatchewan Institute of Applied Science (SIAS), CANADA.
- (4) **1993:** Diploma in Adult education, University of Zimbabwe.
- (5) **1995:** Executive Management Diploma, DFID/MOHCC, Zimbabwe.
- (6) **1997:** Bachelor of Adult Education, University of Zimbabwe.
- (7) **2002:** Bachelor of Dental Surgery degree, MEDUNSA (Now called Sefako Makgatho Health Sciences Univ.)
- (8) **2008:** Master of Public Health (MPH), University of Limpopo.
- (9) **2008:** Master of Business Administration (MBA) degree, Zimbabwe Open University.
- (10) **2008:** Post-graduate Diploma in orthodontics, University of Pretoria.
- (11) **2011:** Level 2 Advanced training course in Orthodontics in DELHI, India under the Indian Academy of Orthodontics.

(12) **2014:** Post-graduate Diploma in Health research ethics, from the Center for Medical Ethics & Law, Tygerberg Hospital, Stellenbosch University (SU), famous for being the first to carry out a penis transplant in the world.

(13) **2017:** Master of Philosophy (MPhil) in Applied Medical Ethics, Stellenbosch Univ.

(14) **2018:** Postgraduate Certificate in Implants, University of Pretoria.

(15) **2021:** PhD in Bioethics & Health Law, School of Clinical Medicine, Steve Biko Centre for Bioethics & Health Law, University of the Witwatersrand, South Africa.

(16) **2021:** ICH-GCP Training: International Conference on Harmonization Good Clinical Practice Certificate.

5.1 My Dissertations and Theses

- a) Doctor of Philosophy (PhD) degree in Bioethics & Health Law thesis at the University of the Witwatersrand, School of Clinical Medicine, Steve Biko Centre for Bioethics & Health Law, is entitled: *Towards An Ethically Justified Health Care Model For Zimbabwe*. October 2021. **Electronic Link:** TBA
- b) Master of Philosophy (MPhil) in Applied Biomedical Ethics Thesis, Stellenbosch University in 2017 entitled: *A System in Crisis: Ethical Concerns in Zimbabwean Healthcare in the 21st Century*. **Electronic Link:** <https://azdoc.site/copyright-2017-stellenbosch-university-all-rights-reserved.html>
- c) **Post-graduate Diploma in Health research ethics, from the Center for Medical Ethics & Law, Tygerberg Hospital, Stellenbosch University (SU), 2014:** *Informed Consent in Dentistry- Use of dental amalgam as a restorative material*. **Electronic Link:** https://www.academia.edu/44796004/Informed_Consent_in_Dentistry_Use_of_dental_amalgam_as_a_restorative_material
- d) Master of Business Administration (MBA) in 2008 at the Zimbabwe Open University (ZOU) thesis entitled: *Crafting Strategies for Reducing Labour Turn over in Medical Aid Societies based in Harare*.
Electronic Link:
https://www.academia.edu/20704512/Crafting_Strategies_For_Reducing_Labour_Turnover_In_Medical_Aid_Societies_Based_In_Harare

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- e) Master of Public Health (MPH) thesis: The HIV/AIDS knowledge, attitudes and Management Practices of Dentists in Zimbabwe. University of Limpopo, South Africa. 2008.**Electronic Link:**

https://www.academia.edu/19977912/The_HIV_AIDS_knowledge_attitudes_and_management_practices_of_dentists_in_Zimbabwe

- f) Bachelor of Dental Surgery (BDS), Sefako Makgatho Health Sciences University (SMU, formerly MEDUNSA, SA), 2002.

- g) Bachelor of adult education degree, University of Zimbabwe, department of adult Education, September 1996. Thesis entitled: *An evaluation of the effectiveness of the dental therapist training programme in Zimbabwe between 1983 and 1996.*

Electronic Link:

https://www.academia.edu/27655156/An_evaluation_of_the_effectiveness_of_the_dental_therapist_training_programme_in_Zimbabwe_between_1983_and_1996_By_Dr_Farayi_Shakespeare_Moyana_Thesis_submitted_for_the_Bachelor_of_Adult_Education_Degree_University_of_Zimbabwe_1996

- h) Diploma in Adult education, University of Zimbabwe 1993, project entitled: An assessment of the educational needs for dental therapists in Zimbabwe as regards continuing professional needs.

Electronic Link:

https://www.academia.edu/27656159/AN_ASSESSMENT_OF_THE_EDUCATIONAL_NEEDS_FOR_DENTAL_THERAPISTS_IN_ZIMBABWE_AS_REGARDS_CONTINUEING_PROFESSIONAL_NEEDS

5.2 My Mentorship Activities

- i. PhD mentorship (in progress) of Ms. Nancy Matshe (Executive Director of Management Training Bureau in Harare) on her thesis entitled: *A Leadership Agility Framework for Strategy Implementation in Zimbabwe's Tertiary Institutions.*
- ii. Currently providing clinical mentorship to Dr Benazia Nechavava, a dentist who qualified in Algeria but wishes to gain more clinical confidence.

5.3 Awards, Prizes and Distinctions

2020: Protea Trophy:

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Awarded by the Zimbabwe Dental Association (ZIDA) at the occasion of its Annual General Meeting in August, for outstanding achievements and contributions to goals and activities of the voluntary professional association.

2008: Achieved Distinctions in the following courses for the MASTER OF PUBLIC HEALTH (MPH) Degree:

- i. Aids, Development and Society in Africa (ASOC)
- ii. Principles of Public Health Education
- iii. Principles of Occupational Health
- iv. Principles of Biostatistics

2002: Awarded the following prizes and medals at BDS final examination.

- i. South African Dental Association (SADA) Bronze Medal for the highest Aggregate in Prosthodontics.
- ii. SADA Bronze Medal for the highest aggregate in Radiology and Oral Diagnostics.
- iii. SADA Bronze Medal for the highest aggregate in Community Dentistry.
- iv. SADA Bronze Medal for the highest aggregate in Maxillo-facial, Oral and Dental Surgery.
- v. SADA/ Periodontics Society of South Africa GOLD Medal for highest aggregate in Periodontics and Oral Medicine.
- vi. The Dean's Award for Outstanding Achievements and Outstanding Leadership.
- vii. MSL Bank Cash Prize for the highest aggregate in Basic Management Skills Course.
- viii. Milner's' Cash Prize for the student showing consistent and professional clinical attributes.
- ix. South African Department of Health-**Director General's** merit certificate for the student with the highest aggregate in Public Health and Oral Epidemiology

Other awards:

- i. **2001:** Awarded Colgate merit prize jointly by Colgate Palmolive (RSA) Palmolive (SA) and MEDUNSA Trust for being best student in BDS V.
- ii. **2000:** Awarded Colgate merit prize jointly by Colgate (SA) and MEDUNSA \Trust for being best student in BDS IV (Four).

- iii. **1999:** Awarded the certificate of Excellence jointly by the Department of Medical Microbiology and Dean of Dental Faculty for Best student in BDS III Medical microbiology.
 - iv. **1997:** World Health Organization (W.H.O.) Fellowship to study Bachelor of Dental Sciences Degree (B.D.S.) Medical University of Southern Africa (MEDUNSA), R.S.A.
 - v. **1990-1991:** Canadian International Development Agency (CIDA) sponsorship, awarded through the Saskatchewan Institute of Applied Science and Technology (SIAST), for a work/study attachment with the University of Saskatoon and SIAST Wascana Campus in Regina, Canada.
 - vi. **1989 – 1990:** German foundation for International Development (DSE) fellowship to study a **One-year** Diploma for Health Teachers; Mandel Training Centre, Harare, Zimbabwe.
 - vii. **1981-1984:** Awarded a merit K.N.H. (West Germany) Fellowship to study Cambridge General Certificate of Education, Mount Selinda High School, Chipinge
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6.0 Professional Experience:

Oct 2006 to 2017:

- Part-time dental Advisor for CIMAS medical Aid Society. Retired to pursue PhD studies.

Jan 2003 to April 2004:

- Worked for Premier Medical Aid Society (PSMAS) as an Executive Dental surgeon.

June 2002 To Dec 2002:

- Worked at Professor Chidzonga rooms. Achieved the mandatory supervision required by the Medical and Dental Professions Council and subsequently moved from provisional register to permanent register. Achieved the requirements to have an Open Practice Licence.

Jan 1997 To June 2002:

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- Full-time Dentistry studies, Medical University of South Africa.

May 1987 To Dec. 1996:

- Worked through the ranks, from a provincial dental therapist at Bindura Provincial Hospital in 1987 to Dental tutor and Head of Training School from 1990 to 1996 at the School of Dental Therapy and Technology at Parirenyatwa Hospital before being awarded a World Health Organisation Scholarship to study for Dentistry Degree in South Africa in 1997.

7.0 Membership of Professional Bodies/Associations:

- i. Member of the Research Ethics Association of Southern Africa (REASA).
- ii. Member of the International Dental Ethics and Law Society (IDEALS).
- iii. Member of the Zimbabwe Dental Association (ZIDA).
- iv. Immediate past Honorary Treasurer of ZIDA.
- v. Adhoc reviewer of research proposals for The Medical Research Council of Zimbabwe (MRCZ).
- vi. Member: International Team for Implantology (ITI)

8.0 Applied Ethics work, Publications, Research activities and Social Engagements:

- i. Effectiveness of an oral health education programme in primary schools in Zimbabwe after 3.5 years; Community Dentistry and Oral Epidemiology, Volume pages 253–259, August 2001.
https://www.academia.edu/22682099/Effectiveness_of_an_oral_health_education_programme_in_primary_schools_in_Zimbabwe_after_3.5_years
- ii. National oral health survey Zimbabwe 1995: Participated in the Second National Oral Health Survey (Sponsored by The World Health Organisation-WHO) as Manager of Harare and Mashonaland Province in 1995. <https://pubmed.ncbi.nlm.nih.gov/10887467/>

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- iii. Recognition for Dental Surgery Assistants. <https://www.sundaymail.co.zw/recognition-for-dental-surgery-assistants> OR [https://www.academia.edu/44172411/Dental Surgery Assistants to get recognition in Zimbabwe Sunday Mail Sept 2020 Zimbabwe](https://www.academia.edu/44172411/Dental_Surgery_Assistants_to_get_recognition_in_Zimbabwe_Sunday_Mail_Sept_2020_Zimbabwe)
- iv. Dental surgeon assistants key in oral health, The Sunday Mail (Zimbabwe), 22 Sep 2019 https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjyOqQ_6P1AhVTVsAKHdC3BGMQFnoECEEQAAQ&url=https%3A%2F%2Fwww.pressreader.com%2Fzimbabwe%2Fthe-sunday-mail-zimbabwe%2F20190922%2F281539407674143&usg=AOvVaw1hly12zo3PmkgpVSCaP0oT
- v. January 27th to March 10th 2017, Attended the following modules in Bioethics and Health Law at the Steve Biko Centre for Bioethics: Foundations of Bioethics, Foundations of Health Law, Advanced Health Ethics, Advanced Research Ethics and Research Methods.
- vi. April 27th 2017, Presented an ethics topic to a Zimbabwe Dental Association seminar at Bronte Hotel, Harare entitled: The Hippocratic oath in the 21st century: is it just an aspirational ideal?
- vii. 2013: Presented at The Zimbabwe Dental Therapist Association AGM, Masvingo 2013.
- viii. 2011: Authored and published a health article in the CIMAS Medical Aid Society of Zimbabwe Health Magazine called PULSE-Summer 2011/12 edition. Title of dental health education article is: DENTAL BRACES (orthodontic treatment) demystified on page 11 to 12.
- ix. 2010: Presented a topic on HIV/AIDS based on my Master of Public Health Dissertation at the ZIMBABWE DENTAL ASSOCIATION AGM, Kariba 2010.
- x. 2010: Authored and published a health articles in the Zimbabwe Medical Association Health Magazine called THE STETHOSCOPE
- xi. 2010: Authored and published a health article in the CANCER SOCIETY OF ZIMBABWE magazine
- xii. 1996: Presented a paper at the International Association of Dental Research (IADR) East and Southern Africa Region in Mango chi, Malawi-on the Secondary School Oral Health improvement programme for six schools in Harare.
- xiii. 1996: Presented a clinical course with Prof. Jo Frencken on the ATRAUMATIC RESTORATIVE TECHNIQUE at the School of Exodontists, Beira, Mozambique. Sponsored by Canadian Agency for International Development. (CIDA).

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- xiv. 1996: Presented a paper on fluorosis at a workshop at Tsholotsho hospital, Matabeleland province, Zimbabwe.
- xv. 1995: Presented a clinical course with Prof. Jo Frencken (of the University of Nijmegen, Netherlands) on the ATRAUMATIC RESTORATIVE TECHNIQUE at the Kamuzu Central Hospital to the Malawian Dental Therapists and Dentists.
- xvi. April, 1994: Carried out a tour and comparative analysis of the Botswana Dental Therapy Training at Prince Marina Hospital, Gaborone, with the Zimbabwean programme.

8.1 Research Proposals Reviewed On Request from Medical Research Council of Zimbabwe (Mrcz):

- i. Study on Implementation science on scaling up and sustainability of VMMC in Zimbabwe.
- ii. Study on Substance Abuse, Mental disorders, anxiety, depression etc amongst Health Care Professionals undergraduate students (Longitudinal study, 5 yr follow-up at College of Health Sciences, University of Zimbabwe.
- iii. MTN41-Qualitative Assessment of Acceptability of Vaginal Ring (VR) and Oral Pre-Pregnancy and Breastfeeding Version 1.0 and dated 31 October.
- iv. Determinants of periodontal disease in pregnancy and association with preterm births and low birth weight in an urban setting in Zimbabwe.
- v. School oral health promotion program in rural Zimbabwe: Comparing impact of using Fluoride varnish versus Silver Diamine Fluoride varnish on caries arrest in primary school children, Principal Investigator Dr. Rumbidzai Mwaturura, BDS, MSc
- vi. Oral health for mental health patients, PI Dr Timothy Chifamba
- vii. Multimorbidity and Knowledge Architectures: An Interdisciplinary Global Health Collaboration (KnowM). The overall aim of the study was to co-produce an interdisciplinary framework and research strengthening agenda for responding to multimorbidity in low-resource settings. Principal Investigator Justin Dixon.

9.0 Selected CPD activities:

- a) August of 2016, 2017,2018,2019,2020 and 2021: attended the full 3 day Zimbabwe Dental Association AGM and CPD lectures.
- b) May 26th to 28th,2017: attended a 2-day orthodontic course called **STRAIGHTWIRE THERAPY** in Sandton, Johannesburg, South Africa.
- c) May 11th to 12th 2017: Attended the **SIXTH Annual Advancing Research Ethics in Southern Africa ARESA Research Ethics Seminar** at the Vineyard Hotel in Newlands, Cape Town. Organized by The Centre for Medical Ethics and Law, Stellenbosch University and the Center for Bioethics & University of North Carolina, USA. This was an exciting and informative seminar for REC members and researchers, which invited both national and international speakers to discuss a variety of current, pertinent and controversial topics in research ethics.

Some of the topics are as follows:

- i. Beyond Ethics - the Research Fairness Initiative (RFI) by Prof Carrel IJsselmuiden, Council on Health Research for Development (COHRED), Switzerland
- ii. What is a good research collaboration? Views of international research scientists by Dr Patricia Kingori, Ethox Centre, University of Oxford, United Kingdom
- iii. Young women's vulnerability to HIV: tools to better understand transmission dynamics by Prof Ayesha Kharsany, Centre for the AIDS Programme of Research In South Africa (CAPRISA)
- iv. Ethical and legal considerations in the design and conduct of phylogenetic studies by Prof Jerome Singh, Centre for the AIDS Programme of Research In South Africa (CAPRISA)
- v. Guideline Update: The Common Rule by Prof Stuart Rennie, Centre for Bioethics, University of North Carolina, Chapel Hill
- vi. Guideline Update: ICH GCP by Prof Keymanthri Moodley, Centre for Medical Ethics and Law, Stellenbosch University
- vii. Guideline Update: WHO guidance on ethics in outbreaks by Dr Andreas Reis, World Health Organisation (WHO)
- viii. Research ethics issues in emerging genomic research in Africa
Prof Ambroise Wonkam, Division of Human Genetics, University of Cape Town
- ix. Exporting DNA – preventing exploitation and promoting innovation

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Prof Michael Pepper, Director: Institute for Cellular and Molecular Medicine, University of Pretoria

x. Return of results in genomic research: challenges & controversies by Assoc Prof Wayne Towers, ARESA 2015 graduate, North-West University

xi. Video “Biobanking and beyond...”

xii. Community knowledge and perspectives on genomic biobanking research in the Western Cape, South Africa

Ms Lorrein Muhwava, Centre for Medical Ethics & Law, Stellenbosch University

xiii. Electronic Consent – a new opportunity for participant engagement in research
Prof Lesley Burgess, TREAD Research

- d) May 20th 2016, Attended the **Fifth Annual Advancing Research Ethics in Southern Africa (ARESA) Research Ethics Seminar** at the Vineyard Hotel in Newlands, Cape Town. Organized by The Centre for Medical Ethics and Law, Stellenbosch University and the Center for Bioethics & University of North Carolina, USA. This was an exciting and informative seminar for REC members and researchers, which invited both national and international speakers to discuss a variety of current, pertinent and controversial topics in research ethics.

Some of the topics are as follows:

Exploring the topic of 'acceptable risk' in early-phase clinical research, A comparative narrative of the compensation policies for research related injury in Brazil, Russia, India, China and South Africa (BRICS), Serious Adverse Events in Research, Ethical challenges in Synthetic Biology, “Playing God” or advancing science - new biotechnologies in the 21st Century, Communicating complex science to the public in a shared ethical space, Ethics & Emerging Technologies, Zika & Ebola: what research is permissible during emergencies and epidemics?, Data and sample sharing across borders, Global Research Ethics.

- e) **2012:** Public Health Leadership and Governance Summer School: College of health sciences, Department of Community Medicine, University of Zimbabwe: 3rd -7th December.

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- f) **2011:** Certificate, level 2 in Straight Wire technique, Academy of Fixed Orthodontics, New Delhi, India. Reference: Dr Ravi Kumar-Course Director, **email:** onlinecde@drravikumar.in
- g) 2011: Hands-on Short Course on **Specialised Fixed orthodontics course**, LEVELS 1 & 2, **NEW DEHLI, INDIA**, 27th Nov to 1st Dec 2011, Association of Fixed Orthodontics, India.
- h) 2011: **Fixed orthodontics mentorship** under Dr Nkhumeleni (Specialist Orthodontist) contactable on: dr.nkhumeleni@webmail.co.za

10.0 References:

1. Dr. Eng Quinton Kanhukamwe; Vice Chancellor of Harare Institute of Technology (HIT). Harare Campus, Ganges Rd, Belvedere P.O. Box BE277, Belvedere, HARARE, ZIMBABWE. Email: qckanhukamwe@hit.ac.zw OR qckanhukamwe@yahoo.com Mobile/whatsapp: +263712216297
2. Prof Christopher Wareham Head of PhD programs by Research: Steve Biko Centre for Bioethics, School of Clinical Medicine University of the Witwatersrand, University of the Witwatersrand, South AFRICA Email: christopher.wareham@wits.ac.za My PhD thesis supervisor.
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