



## **Dr. Farayi Moyana: CURRICULUM VITAE**

### **Summary of Qualifications:**

***Bachelor of Dental Science (BDS)** (Sefako Makgatho Health Sciences Univ, SMU, SA); **B.Ed (Adult)**(Univ of Zimbabwe, UZ); **MPH** (SMU, SA); **MBA** (ZOU); **Diploma in Adult Educ** (UZ); **Health Teachers Dip** (MDPCZ); **Exec Management Cert.**; **Postgrad Dip in Orthodontics** (Univ of Pretoria, UP); **Postgrad Cert in Implantology** (UP); **Postgrad Dip Health Research Ethics** (Stellenbosch Univ, SU); **MPhil** (Applied Biomedical Ethics)( SU); **PhD Fellow** ( Steve Biko Centre for Bioethics, WITS, SA).*

### **1. PERSONAL DETAILS**

**Title:** Dr.

**Initials:** F.

**Middle (Unofficial) Name:** Shakespeare

**Full names:** Farayi

**Surname:** Moyana

**Province of Origin:** Manicaland, Chipinge District, Mount Selinda, Chief Mapungwana, Headman: Mambande, Dimire.

**ID:** 13-104788 J 13

**My Gender:** Male

**Date of Birth:** 28<sup>th</sup> January, 1967

### **2. CONTACT DETAILS:**

**Office:** +263 4 792309,762338,735213; 886340/2/3;

Office Mobile: +263 772 848 051 **Personal Mobile:** +263 772 431 882

**Email:** [drfarayim@gmail.com](mailto:drfarayim@gmail.com); Secretary: [drfsmoyana@gmail.com](mailto:drfsmoyana@gmail.com)

#### **Work Address:**

- i. 60 Baines Avenue, Medical Chambers First Floor, HARARE.
- ii. Borrowdale Dental Surgery, Sam Levy's Village, Opp Food Lovers Market, Next to Mugg & Bean Restaurant, HARARE.

**Websites:** moyanaorthodontal.com; [www.zadenu.org](http://www.zadenu.org); borrowdaledentalsurgery.com

**CURRENT POSITION(S):**

- i. Self Employed Dentist: with Special interest in Orthodontics, Bioethics & Health Law
- ii. Honorary/Part-time lecturer in the School of Dental Therapy and Technology, MOHCC, Parirenyatwa Central Hospital.
- iii. Promoter: Zimbabwe Academy of Dental Nursing project (Corporate Social Responsibility programme).[www.zadenu.org](http://www.zadenu.org)
- iv. Promoter: Domboshava MediClinic T/A Domboshava (Mungate) Medical, Dental & Maternity Clinic
- v. Clinical Advisor for Daniye Dental Clinic (Kuwadzana 2 High Density suburb) & Mother Care Dental Clinic (Chishawasha) (Corporate Social Responsibility programme).

**3. QUALIFICATIONS IN DETAIL:**

<b>NAME OF INSTITUTION &amp; LOCATION</b>	<b>DEGREE</b>	<b>YEAR(S)</b>	<b>FIELD OF STUDY</b>
Mt Selinda High School, Chipinge, Manicaland, Zimbabwe	GCE Cambridge High School certificate	1984	Biology, Physical Science, Maths, English, English Literature, Shona, Geography
School of Dental Therapy, Harare, Zimbabwe	Dental Therapist Certificate	1987	Dental Therapy
Mandel Training Centre, Malborough, HARARE	Health Teachers Diploma (HTD)	1990	Health Teacher Training
Advanced Dental Therapist Skills Enhancement, SIAST & Univ of Saskatoon, Canada. Saskatchewan, Saskatoon.	Residency	1991	Dental auxiliary pedagogy
Diploma in Adult Education, Univ of Zimbabwe	Diploma	1993	Adult Education
Min of Health, in partnership with DFID HARARE	Certificate	1995	Executive Management Certificate, Project Planning and Execution
Bachelor of Adult Education Degree	B.Ed	1997	Adult Education
Bachelor of Dental Science Degree, SMU, South Africa	BDS	2002	Dentistry

Master of Public Health Degree, Univ of Limpopo, SA	MPH	2008	Public Health
Master of Business Administration Degree, ZOU, Zimbabwe	MBA, General	2008	Business Administration
Postgraduate Diploma in Orthodontics, Univ of Pretoria, SA	PGdip (Ortho)	2010	Orthodontics
Postgraduate Diploma in Health Research Ethics, Stellenbosch, Capetown.	PGdip (Health Res Ethics)	2014	Health Research Ethics
Postgraduate Certificate in Oral Implantology, Univ of Pretoria, SA	PGCert, Oral Implantology	2016	Oral/dental Implants
Master of Philosophy (MPhil) Degree in Biomedical and Applied Ethics	MPhil (Bioethics)	2017	Biomedical ethics
Doctor of Philosophy (PhD) in Bioethics and Health Law ( Steve Biko Centre for Bioethics and Health Law), University of the Witwatersrand, SA	PhD	Expected 2019	Bioethics and Health Law

#### **4. EXECUTIVE SUMMARY:**

Dr Farayi Shakespeare Moyana is a qualified dental practitioner engaged at Dr Farayi Moyana & Associates (Dental Surgeons, 60 Baines Avenue, Medical Chambers First Floor, HARARE) as well at BORROWDALE DENTAL SURGERY (Sam Levy's Village, HARARE). He is an independent dental provider with a special interest in ORTHODONTICS, Implants, Applied Medical Ethics, Bioethics and Health Law but undertakes all aspects of general dentistry. Has been involved in dentistry for the past 30 years, starting at a tender age of 19 years when he obtained a dental therapist certificate in 1987.

He is the project leader and promoter for the Zimbabwe Academy of Dental Nursing (ZADENU), a corporate social responsibility project which is a non-profit training initiative meant to improve the professionalism of Dental Surgery Assistants (DSAs) in Zimbabwe, a hitherto neglected "foot soldier" group of dentistry in Zimbabwe. He offers his time for clinical assistance to Daniye Dental Clinic in the high density residential suburb of Kuwadzana 2 in HARARE. Recently he is also involved with another peri-urban community dental project called MOTHERCARE dental

clinic in Chishawasha, HARARE. These community dental projects are meant to improve access to dental care of hitherto neglected low income groups of our peri-urban communities. In addition to that he is involved in bioethics/Health law/research ethics continuing education training to multidisciplinary settings. In 1990 he obtained a Health Teachers Diploma (Sponsored by the German Agency for International Cooperation, DSE) and embarked on a 6-year career as a dental therapy tutor. He attended tutorials for an Advanced qualification in Dental Auxiliary pedagogy from the Saskatchewan Institute of Applied Science and Technology (SIAST), Canada in 1991. By the time he left for SA to pursue a Bachelor of Dental Surgery degree he had acquired another diploma and a Bachelor's degree in Adult Education from the University of Zimbabwe. In 2002 he graduated with a Bachelor of Dental Surgery degree (BDS) from the Medical University of South Africa, now renamed Sefako Makgatho Health Sciences University (SMU), and a Master of Public Health (MPH) and Master of Business Administration (MBA) degrees from the Universities of Limpopo and Zimbabwe respectively, in 2008. He was conferred with a Post-Graduate Diploma in orthodontics from the University of Pretoria in 2010. He is also a proud recipient of the Exec Management Diploma organized jointly by the DFID and Zimbabwe MOH in 1996. In 2011 he attended a Level 2 Advanced training course in Orthodontics in DELHI, India under the Indian Academy of Orthodontics.

In 2014 he was conferred with a Postgraduate 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. He has completed the prestigious Postgraduate course in dental implants at the University of Pretoria. His MPhil (Applied Ethics, at SU) Thesis: ***A System in Crisis: Ethical Concerns in Zimbabwean Healthcare in the 21st Century*** is available on-line. His approved Thesis topic for a PhD in Bioethics and Health Law, at Wits School of Clinical Medicine, Steve Biko Centre for Bioethics is: ***Towards an Ethically Justified Model for Access to Health Care in Zimbabwe***. He is a member of the Executive Council of the Zimbabwe Dental Association (ZIDA). He is also a member of the Research Ethics Association of Southern Africa (REASA). He has recently complete an advanced Straight WIRE therapy/ ORTHODONTIC training course based on the DELTA FORCE principles, in SA under the CLINICAL Foundation OF Orthodontics (CFO) based in TEXAS, USA.

He is regular research proposal assessor/reviewer with the Medical Research Council of Zimbabwe (MRCZ).

Most recently he has started working as a leader of a multidisciplinary team (comprising a Specialist Gynecology, Special General Surgeon, Midwives, Nurses and Dental professionals) to bring integrated community local health solutions to the rural areas of Domboshava, Zimburu, Mverechena, Pote, Makumbe, Mungate, Musana etc under the project called: Domboshava (Mungate) Medical, Dental & Maternity Clinic (Domboshava MediClinic in short). When fully consummated the community facility will comprise a dental clinic, Medical Clinic and Maternity clinic, all under one roof.

## **5. WORK/COMMERCIAL EXPERIENCE:**

### **Oct 2006 to Recently:**

- 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.
- Participated in setting up of PSMI dental clinics in Harare and Chitungwiza
- Provided group presentations and discussions on HIV/AIDS to Youths, Couples and Corporate employees on a regular basis.
- Assisted in recruiting, interviewing and selection of staff (included dental surgery nurses, dental therapists, dentists, receptionists, guards, clerks etc) for the main dental clinic on Samora Machel Avenue in Harare (Opposite Holiday Inn Hotel).
- Attended strategic planning meetings at Head office to expand the dental services portfolio. Special accomplishments included the securing of registration from the Health Profession Council, Health Professions Authority and Municipality of Harare-in a record short time to enable commencement of operations at the dental clinic.
- Organized participation, via a stand providing oral Health and HIV/AIDS education and demonstrations at Harare, Masvingo, and Gweru Agricultural Shows and Zimbabwe International Trade Fair (Bulawayo-Zimbabwe's second biggest city).

### **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:**

- Full-time Dentistry studies, Medical University of South Africa.
- Achieved and obtained the Bachelor of Dental Science/Surgery Degree with 9 distinctions in final professional examinations.
- Participated, during vacations, on the Philophepa (Train of Life in Xhosa), Sponsored by South Africa's Transnet: Responsibilities included, emergency dental care in rural South Africa, HIV/AIDS education, Oral Health Education, assisting the lecturer-in-charge with administration.

**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.

**6. 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. Member of the Executive Council of ZIDA.
- v. Immediate past Honorary Treasurer of ZIDA.
- vi. Regular reviewer of research proposals for The Medical Research Council of Zimbabwe (MRCZ).
- vii. Member: International Team for Implantology (ITI)

**7. AWARDS, PRIZES AND GRANTS:**

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

- Aids, Development and Society in Africa (ASOC)
- Principles of Public Health Education
- Principles of Occupational Health
- Principles of Biostatistics

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

- South African Dental Association (SADA) Bronze Medal for the highest Aggregate in Prosthodontics.
- SADA Bronze Medal for the highest aggregate in Radiology and Oral Diagnostics
- SADA Bronze Medal for the highest aggregate in Community Dentistry.
- SADA Bronze Medal for the highest aggregate in Maxillo-facial, Oral and Dental Surgery.
- SADA/ Periodontics Society of South Africa GOLD Medal for highest aggregate in Periodontics and Oral Medicine.
- The Dean's Award for Outstanding Achievements and Outstanding Leadership.
- MSL Bank Cash Prize for the highest aggregate in Basic Management Skills Course.
- Milner's" Cash Prize for the student showing consistent and professional clinical attributes.
- 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:**

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

- **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.
- **1989 – 1990:** German foundation for International Development (DSE) fellowship to study a **One-year** Diploma for Health Teachers; Mandel Training Centre, Harare, Zimbabwe.
- **1981-1984:** Awarded a merit K.N.H. (West Germany) Fellowship to study Cambridge General Certificate of Education, Mount Selinda High School, Chipinge

#### **8. SUPERVISION OF STUDENT PROJECTS/DISSERTATION:**

Work in progress

#### **9. RESEARCH OUTPUT: Publications:**

##### **Published articles:**

- *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](https://www.academia.edu/22682099/Effectiveness_of_an_oral_health_education_programme_in_primary_schools_in_Zimbabwe_after_3.5_years)

- *Oral health status amongst secondary school students in Harare, Zimbabwe.*

JOURNAL OF ..., 1996 - AMER ASSOC DENTAL ...

##### **Submitted articles awaiting approval for publication:**

TBA

##### **OTHER WORKS:**

- *An evaluation of the effectiveness of the dental therapist training programme in Zimbabwe between 1983 and 1996.*



Dissertation submitted in partial fulfillment of the bachelor of adult education degree, University of Zimbabwe, department of adult Education, September 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](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)

- *An assessment of the educational needs for dental therapists in Zimbabwe as regards continuing professional needs.*

Dissertation submitted in partial fulfillment of the requirements for the diploma in adult education university of Zimbabwe, Department of adult education, September 1993.

**Electronic Link:**

[https://www.academia.edu/27656159/AN\\_ASSESSMENT\\_OF\\_THE\\_EDUCATIONAL\\_NEEDS\\_FOR\\_DENTAL\\_THERAPISTS\\_IN\\_ZIMBABWE\\_AS\\_REGARDS\\_CONTINUING\\_PROFESSIONAL\\_NEEDS](https://www.academia.edu/27656159/AN_ASSESSMENT_OF_THE_EDUCATIONAL_NEEDS_FOR_DENTAL_THERAPISTS_IN_ZIMBABWE_AS_REGARDS_CONTINUING_PROFESSIONAL_NEEDS)

- *MPH thesis: The HIV/AIDS knowledge, attitudes and Management Practices of Dentists in Zimbabwe,* submitted as a dissertation in partial fulfilment of the requirements for the Master of Public Health degree, University of Limpopo, South Africa.

**Electronic Link:**

[https://www.academia.edu/19977912/The\\_HIV\\_AIDS\\_knowledge\\_attitudes\\_and\\_management\\_practices\\_of\\_dentists\\_in\\_Zimbabwe](https://www.academia.edu/19977912/The_HIV_AIDS_knowledge_attitudes_and_management_practices_of_dentists_in_Zimbabwe)

- *MBA thesis: crafting strategies for reducing labour turnover in medical aid societies based in Harare, Zimbabwe* Submitted as a dissertation in partial fulfilment of the requirements for the Master of Business Administration, Zimbabwe Open University.

**Electronic Link:**

[https://www.academia.edu/20704512/Crafting\\_Strategies\\_For\\_Reducing\\_Labour\\_Turnover\\_In\\_Medical\\_Aid\\_Societies\\_Based\\_In\\_Harare](https://www.academia.edu/20704512/Crafting_Strategies_For_Reducing_Labour_Turnover_In_Medical_Aid_Societies_Based_In_Harare)

- *A System in Crisis: Ethical Concerns about Zimbabwean Healthcare in the 21st Century.* (Master of Philosophy degree (MPhil) in

Applied Medical Ethics/Biomedical Ethics Thesis-Stellenbosch University, South Africa).

*Electronic Link:* <https://azdoc.site/copyright-2017-stellenbosch-university-all-rights-reserved.html>

*PhD Thesis under way: Towards an Ethically Justified Model for Access to Health Care in Zimbabwe.* Steve Biko Centre for Bioethics & Health Law, School of Clinical Medicine University of the Witwatersrand, South AFRICA.

*Electronic Link:* TBA

## **10. CHAPTERS IN BOOKS:**

Work in progress

## **11. 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.

## **12. CONTINUING EDUCATION/ PROFESSIONAL PRESENTATIONS:**

- May 26<sup>th</sup> to 28<sup>th</sup>, 2017: attended a 2-day orthodontic course called **STRAIGHTWIRE THERAPY** in Sandton, Johannesburg, South Africa.
- May 11<sup>th</sup> to 12<sup>th</sup> 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 international research scientists** by Dr Patricia Kingori, *Ethox Centre, University of Oxford, United Kingdom*
- iii. **Young women's vulnerability to HIV: tools to understand transmission dynamics** by Prof Ayobajo Adesanya, *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** by Prof Ambroise Wonkam, *Division of Human Genetics, University of Cape Town*

- ix. **Exporting DNA – preventing exploitation and promoting innovation**  
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*
- April 27<sup>th</sup> 2017, Presented an ethics topic to a Zimbabwe Dental Association seminar at Bronte Hotel, Harare entitled: *The Hippocratic oath in the 21<sup>st</sup> century: is it just an aspirational ideal?*
  - January 27<sup>th</sup> to March 10<sup>th</sup> 2017, Attended the following modules in Bioethics and Health Law at the Steve Biko Centre for Bioethics:
    - i. **Foundations of Bioethics (30 Jan – 4 Feb)**
      - *This unit was designed to enable participants to analyse and evaluate issues in bioethics within the context of a solid ethical framework. Major theoretical, non-theoretical and other ways of viewing the world were taught. The course provided a foundational understanding of the relationship between concepts, logic & argumentation and fallacies of reasoning.*
    - ii. **Foundations of Health Law (6 – 10 Feb)**
      - *This unit covered sources of South African law, the Constitution, statutory and common law in the context of health. Criminal, civil and family law and their interaction with health care. The National Health Act was discussed as well as the amendments to the Medicines & Related Substances Act. International law in relation to health was included in this unit.*

### iii. **Advanced Health Ethics (13 – 17 Feb)**

- *This unit introduced and explained a number of topical ethical issues in research ethics, including what constitutes unethical research, standards of care in a study, authorship guidelines and plagiarism. The role and modus operandi of Research Ethics Committees were outlined. Finally, clearly articulated standards of good clinical practice in research relevant to local realities and contexts were provided. These include obtaining valid informed consent, considering specific subgroups, standards of care for trial participants, access to study medications following completion of a clinical trial, issues pertaining to incentives affecting researchers and participants, releasing and publishing research results and the implementation of research findings.*

### iv. **Advanced Research Ethics (20 – 24 Feb)**

- *This unit addresses a number of important issues in bioethics and health law critically and in depth. Three to four important issues were focussed on relating to ethical and medico-legal issues in clinical contexts, reproductive health, policy and public health, resource allocation, genetics, health and human rights, environmental bioethics and others. Participants learnt how to apply the ethical theories, ethical and legal principles, and their critical and analytical skills learnt in the foundations units to specific ethical and medico-legal questions.*

### v. **Research Methods (6 – 10 Mar)**

- *This course provided participants with rigorous training in independently designing, implementing and evaluating research, including research design, sampling procedures and data analysis. It covered both research projects of an essentially normative and legal nature, as well as empirical projects (qualitative or quantitative) that include a normative and legal element. Participants were trained in every part of the research cycle (question formulation; literature review; use of secondary sources; primary and secondary argumentation; ethical and legal analysis; methodology to collect and analyse primary data), including the writing of reports. In terms of values and attitudes, the course aimed to instil in participants a commitment to ethical research. The course prepared them to produce a research protocol/proposal suitable to their project, and ultimately a research report.*

- **May 20<sup>th</sup> 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 21 st 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.*

- 2013: Presented at the ZIMBABWE DENTAL THERAPIST ASSOCIATION AGM, Masvingo 2013.
- **2012:** Public Health Leadership and Governance Summer School: College of health sciences, Department of Community Medicine, University of Zimbabwe: 3rd -7th December.
  - **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](mailto:onlinecde@drravikumar.in)
  - 2011: Authored and published a health article in the CIMAS 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.
  - 2011: Hands-on Short Course on **Specialised Fixed orthodontics course**, LEVELS 1 & 2, **NEW DEHLI, INDIA**, 27<sup>th</sup> Nov to 1<sup>st</sup> Dec 2011, Association of Fixed Orthodontics, India.
  - 2011: **Fixed orthodontics mentorship** under Dr Nkhumeleni (Specialist Orthodontist) contactable on: [dr.nkhumeleni@webmail.co.za](mailto:dr.nkhumeleni@webmail.co.za)
  - 2010: Presented a topic on HIV/AIDS based on my Master of Public Health Dissertation at the ZIMBABWE DENTAL ASSOCIATION AGM, Kariba 2010.
  - 2010: Authored and published an health articles in the Zimbabwe Medical Association Health Magazine called THE STETHOSCOPE

- 2010: Authored and published a health article in the CANCER SOCIETY OF ZIMBABWE magazine
- 1996: Presented a paper at the International Association of Dental Research (IADR) East and Southern Africa Region in Mangochi, Malawi on the Secondary School Oral Health improvement programme for six schools in Harare.
- 1996: Presented a clinical course with Prof. Jo Frencken on the TRAUMATIC RESTORATIVE TECHNIQUE at the School of Exodontists, Beira, Mozambique. Sponsored by Canadian Agency for International Development. (CIDA).
- 1996: Presented a paper on fluorosis at a workshop at Tsholotsho hospital, Matabeleland province, Zimbabwe.
- 1995: Presented a clinical course with Prof. Jo Frencken (of the University of Nijmegen, Netherlands) on the TRAUMATIC RESTORATIVE TECHNIQUE at the Kamuzu Central Hospital to the Malawian Dental Therapists and Dentists.
- April, 1994: Carried out a tour and comparative analysis of the Botswana Dental Therapy Training at Prince Marina Hospital, Gaborone, with the Zimbabwean programme.

### **13. SELECTED SIGNIFICANT ACHIEVEMENTS:**

- 1.) Project Consultant for CIMAS medical Aid Society on the conceptualization, promotion and commissioning of the Rowland Square Dental Clinic facility in 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 US200 000.
- 2.) 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 300 000 Canadian dollars.

- The project sponsored Dr Moyana to undergo work attachment in 1990 in Regina, Canada at the famous under 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.
  - 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.
  - Participated in the National Oral Health Survey (Sponsored by The World Health Organisation-WHO) as Manager of Harare and Mashonaland Province in 1995.
  - 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.
- 3.) Longest serving and immediate past Honorary Treasurer of the Zimbabwe Dental Association (ZIDA) from 2004 to 2016, handling an average annual budget of US150 000.
- 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 organisations 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 in the Eastlea suburbs of HARARE.

### 13.) EDITORIAL BOARD MEMBERSHIP:

Work in progress

### 14.) JOURNAL REVEIWS:

Work in progress

### 15.) REFERENCES:

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