



Faculty of Medicine Alternative CV TEMPLATE

General Instructions for Preparation of the Faculty of Medicine Curriculum Vitae

This CV template includes all section headings, but does not include pre-formatted tables or hidden text. Using it may be helpful for individuals who are converting lengthy CVs into the Faculty of Medicine format, *i.e.* those coming here from faculty appointments at other institutions, as it allows for copying and pasting entire sections from one document into the other.

We encourage most faculty, including all new faculty members, to use the template with pre-formatted tables, as it will be most helpful when organizing one's information.

(Please be sure to review the Instructions for the Faculty of Medicine Curriculum Vitae document before using this template)

**The Faculty of Medicine of Harvard University
Curriculum Vitae**

Date Prepared: September 30, 2021

Name: Mohamed Hanif Butt

Office Address: 341 Summer Street, Suite 1 Somerville, MA 02144

Home Address: 131 Freeman Street, Unit 1 A , Brookline, MA 02446

Work Phone: 617-625-9400

Work Email: dr.mhbutt@gmail.com

Place of Birth: Nairobi, Kenya

Education:

PRIMARY LEVEL:

Eastleigh Primary School from January 5,1963 to December 5, 1969
Awarded Certificate of Primary Education.

SECONDARY (ORDINARY) LEVEL:

Highway Secondary School, from January 14,1970 to November 30, 1973
Awarded East African Advanced Certificate of Education (G.C.E.)

HIGHER (ADVANCED) LEVEL:

Jamhuri High School, from May 6, 1974, to December 5, 1975
Awarded East African Certificate of Education.

BACHELOR OF DENTAL SURGERY:

University of Nairobi, College of Health Sciences
Graduated Cum laude
Department of Dental Surgery,
ID and Registration Number: H28/1216/76

MASTER'S IN PUBLIC HEALTH:

Harvard University, School of Public Health
Department of Health Policy and Management
Program Director: Prof Chester Douglass concentration in Health Services Administration/ International Health
Identity number: 402 6435 30
From September 10, 1984 to June 6, 1985

RESEARCH FELLOWSHIP IN ORTHODONTICS:

Indiana University, School of Dentistry
Department of Orthodontics, Research Fellow
Program Director: Prof LaForrest D. Garner
From August 27,1985 to June 30, 1986
Visualize treatment objective using Cephalometric Analysis

DENTAL MEDICINE DOCTORAL DEGREE, DMD:

Tufts University, School of Dental Medicine ,Boston, MA
Doctor of Dental Medicine
Graduated Cum Laude
From 1989-1991

ALIGN INSTITUTE, San Jose, California

Master’s Program in Invisalign treatment 2018
Certified Invisalign Orthodontist since 1999

STRAUMANNUSA

Implant placement seminars since 1999

Postdoctoral Training:

POST-DOCTORAL FELLOW IN ORTHODONTICS: HSDM

Certification in Orthodontics and Dentofacial Orthopedics
Harvard University, School of Dental Medicine
Program Director: Prof. Coenraad Moorrees
Harvard Identity number: 402 6435 30
From July 25 1986 to June 6, 1988

POST-DOCTORAL FELLOW IN ORTHODONTICS: FORSYTH DENTAL CENTER

Certification in Orthodontics and Dentofacial Orthopedics
Harvard University, School of Dental Medicine and
Program Director: Prof. Coenraad Moorrees
Harvard Identity number: 402 6435 30
From July 25 1986 to June 6, 1988

Faculty Academic Appointments:

HARVARD SCHOOL OF DENTAL MEDICINE, Boston, MA

Clinical Instructor in Orthodontic and Dentofacial Orthopedics.
Advanced Graduate Education (AGE) in Orthodontics
Department of Developmental Biology. Lecturer in Diagnosis and Treatment planning, Clinical Sessions and
Problem Case solving for Orthodontic Residents from 2007 to 2013

Other Professional Positions:

KENYA MEDICAL PRACTITIONERS AND DENTIST BOARD OF REGISTRATION AND LICENSURE:

Licensed *DENTAL SURGEON* with the Medical Practitioners and Dentist Board of Kenya on August 11, 1982 Registration Certificate number: Registration no.B206 in 1980, License Number: 371/81

ORTHODONTIC SPECIALIST IN KENYA

Licensed in Orthodontics and Dentofacial Orthopedics
Kenya Medical practitioners and Dentists Board, since 2000

DENTAL LICENSURE.

State of Massachusetts Department of Public Health, Active since 1992
State of Connecticut, Department of Public Health, Active since 2019
State of New Hampshire, Department of Public Health, Active since 2020

ORTHODONTIST,

Orthodontics and Dentofacial Orthopedics
Diplomat, American Board of Orthodontics
Certified Member of American Board of Orthodontics from 2006 to 2011,
Active member since July 1, 2019

Seminars in Temporary Anchorage devices, 2011
Seminars in 3-D Imaging analysis with i-CAT CBCT 2013

Major Administrative Leadership Positions:

Local

Oral Health Education Program in Greater Boston area,1991- Present
Oral Health Screening and Education Program in Somerville, Massachusetts, USA
Oral Health Care provided for all Somerville (MA) children in Somerville Dental Center.
“ACCESS TO ALL” Program created to have dental treatment available to every age group and to patients from every kind of social background. **2007- Present**

Regional

ORAL HEALTH EDUCATION AND COMMUNITY HEALTH SERVICE

MACVAN PROJECT From 2007 to 2010 launched the Mobile Access to Care (MAC) Van. This program focused on addressing the oral health needs of the state of MA and underserved children

FORSYTH DENTAL CENTER, Boston, MA

Teaching Assistant to Dental Hygienists in preparation of their research projects (Table Clinics) from December 1986 to June 1988

HARVARD SCHOOL OF PUBLIC HEALTH, Boston MA 1984-85

Librarian Assistant, Department of Health Policy and Management

National

INDIANA UNIVERSITY, Indianapolis, IN

Teaching Assistant, Counseling of handicapped graduate and undergraduate students in Indiana University from **November 1985 to June 1986**

International

American Association of Orthodontist

World Federation of Orthodontists.

Founded and Developed the Bylaws of the Kenya Association of Orthodontics in 2007
First President of the Kenya Association of Orthodontists

Al-Quds Dental School Abudis, Palestine
Developed a potential orthodontic curriculum for a proposed Orthodontic program, 2009

Consultation on Development of the Orthodontic Program, Muhimbili Dental School
Dental School Consultant Dar-es-Salam, Tanzania
Sustainability Analysis, Reported to Dean Bruce Donoff in HSDM.
Discussed the development of potential orthodontic curriculum for a proposed Orthodontic program with Miracle Corners of the world and Henry Schein Company, 2010

Orthodontic Program Curriculum

Azerbhaijan University
Dental School Consultant Baku, Azerbhaijan
Reviewed and planned the Dental curriculum for the Orthodontic program, 2011.

Professional experience in Kenya:

Ministry of Health, General Dental Practitioner
Personal number: 510023
From October 1980 to July 1988

Machakos Provincial General Hospital, Machakos, Kenya

Dental Officer/Intern, from October 6,1980 to March 20, 1981

Kenyatta National Hospital, Nairobi, Kenya:

Kabete Dental Clinic, Nairobi, Kenya
Dental Officer/Intern from April 1 1981 to April 17 1982

Nyeri Provincial General Hospital, Nyeri, Kenya:

Deputy Provincial Dental Officer. Responsible for patient care and treatment. Assisted in administration and conducted research in dental public health and oral health diseases. From April 19, 1982 to August 5, 1984.

Muranga District Hospital, Muranga, Kenya:

Dental Officer in Charge from September 13, 1982 to October 15, 1982.

Private Practice, Nairobi, Kenya:

General Dentistry Locum with Dr. B.A. Qureshi
Nairobi, Kenya, from October 18, 1982 to November 15, 1982.
Licensed by the Medical Practitioners and Dentist Board of Kenya
in 2000 as a Specialist in Orthodontics, Private practice in Nairobi, Kenya.

PROFESSIONAL EXPERIENCE IN USA

Dr. Butts Orthodontics, PC,

Orthodontist in private practice since 1992 to present

Harvard Pilgrim Community Center

Kenmore, Boston

Dr. Robert Petrosino, in Cambridge, MA
Orthodontic Assistant, from 1989-92

Dr. Behram Ghassemi, in Boston, MA

Orthodontic Assistant from 1989-92

Cambridge Dental Associates, in Cambridge, MA

Orthodontist Consultant, and private practice from 1994-2010

Committee Service:

Committee Member at Harvard School of Dental Medicine

Axiom Dental Software, Electronic Health Record
Electronic Health Record Implementation Team
Collection and analysis of clinical health records for meaningful use and quality measure in Harvard School of
Dental Medicine 2012-3.

Admissions Committee,

Harvard School of Dental Medicine
Member of the Admission committee for selection of residents in Advanced Graduate Education in Orthodontic,
Department of Developmental Biology, HSDM, 2008-13

Regional

1986-1988

**Forsyth Dental Center, Forsyth Dental Hygiene Program
Northeastern University
Boston, MA**

Judge for Poster presentation of Dental Hygienist
Supervisor of Dental Hygiene students research projects.

National

2007-2010

Massachusetts Dental Society MDS Outreach program

2007-2011

Member of Governmental Affairs and Grassroots Advocacy

MDS Advocacy

2006

Member, Yankee Dental Conference, Scientific Committee

Boston, MA Orthodontic Seminar

2007

Presiding Chair Orthodontic Seminar

Yankee Dental Conference MA

2011

Panelist in IEEE International Conference

IEEE International Dental Conference

2006-2007

Member Leadership Institute

Massachusetts Dental Society

2007-present

Member of Council of Public Affairs

Massachusetts Dental Society

2003-2006

Officer, Council of Public Affairs

Massachusetts Dental Society

2020-present

Member, American Academy of Dental Implants

2007

WFO Founder and Developer of Bylaws of the Kenya Association of Orthodontics

2008

Post-graduate Orthodontic Program Curriculum/ Development

Al-Quds Dental School, Abudis,

Palestine

Developed a potential orthodontic curriculum for a proposed Orthodontic program

2009

Specialized Dental Care

Muhimbili Dental School

Dental School Consultant

Dar-es-Salam, Tanzania

Sustainability Analysis, Reported to Dean Bruce Donoff in HSDM.

Discussed the development of potential orthodontic curriculum for a

proposed Orthodontic program with Miracle Corners of the world and Henry Schein Company

2011

**Specialized Dental Care and Post-Graduate Orthodontic Curriculum
Azerbhaijan University**

Dental School Consultant Baku, Azerbaijan
Reviewed the Dental curriculum for the feasibility of an Orthodontic program.

Professional Societies:

American Association of Orthodontists
North East Society of Orthodontists
World Federation of Orthodontists
American Dental Association
Kenya Medical Association
Kenya Dental Association
Kenya Association of Orthodontists
Harvard School of Public Health Alumni Association
Harvard School of Dental Medicine Alumni Association
Harvard Society for the Advancement of Orthodontics
Massachusetts Dental Society (MDS)
 Member, Council on Public Affairs in MDS
 Member, Governmental Affairs in MDS
Massachusetts Orthodontic Society
Founder and President, Kenya Association of Orthodontists
American Academy of Dental Implants

RESEARCH EXPERIENCES:

**INDIANA UNIVERSITY, Indianapolis, IN
School of Dentistry**

Research Fellow, Department of Orthodontics

Research on the evaluation of Orthodontic treatment prediction using serial cephalometric radiographs, from August 27, 1985 to June 30 1986.

HARVARD SCHOOL OF DENTAL MEDICINE, Boston, MA:

Research Fellow, Department of Molecular Biology

Research on the expression of Proto-oncogenes under Parathyroid Hormone induced bone resorption in Neonatal Mouse Calvaria tissue culture system.

CHILDRENS HOSPITAL – HARVARD MEDICAL SCHOOL, Boston MA:

Research Fellow, Department of Orthopedics

Laboratory for the Study of Skeletal Disorders
Research in Molecular Biology and Protein Chemistry. Several projects on the study of collagen and Phosphoproteins in bone mineralization. Including experience with general laboratory management from November 15 1988 to July 21 1989

Honors and Prizes:

Kellogg Fellow at the Harvard School of Public Health
Aga Khan Fellow at the Harvard School of Public Health
MDS Leadership Award, Massachusetts Dental Society

Report of Local Teaching and Training

Clinical Supervisory and Training Responsibilities:

Advanced Graduate Education (AGE) in Orthodontics
Department of Developmental Biology. Lecturer in Diagnosis and Treatment planning, Clinical Sessions and Problem Case solving for Orthodontic Residents from 2007 to 2013

Other Mentored Trainees and Faculty:

Training Medical student Nurses on preventive dentistry and dental health education at the Nyeri Provincial General Hospital, from April 1983 to April 1984

CONTINUOUS EDUCATION:

October 26- November 3, 1981.

Organized by the Kenya Dental Association in Nairobi, Kenya
Condensed courses in Orthodontics, Periodontology and operative dentistry

October 25-30, 1982.

Condensed courses in Orthodontics, fixed prosthodontics and Endodontic

December 6-9, 1982

Mini dental seminars on custom modular dentures and crystalline bone screw bio ceramic implants

February 22-24, 1983

International Fluoride Conference in Nairobi, Kenya
Workshop on Fluorosis research strategies- organized by the University of Nairobi and National Council of Science and Technology – Nairobi, Kenya- participated as assistant rapporteur from **June 26-July 2 1983.**

1987-2021 meetings attended in USA and Internationally.

Continuous Education by attending annual Yankee Dental, WFO, AAO and NESO meetings.

Letters to the Editor

-**Butt, M.H.:** Use of chewing sticks in preventing dental disease.
Letter to the Editor. World Health Forum, 5:343, 1984.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings: Regional

-**Butt, M.H.:** Use of Ceramic Magnets in Orthodontic treatment, presented to the
Department of Electro-magnets and Electronic systems, M.I.T., March 9, 1988

-Garner, L.D. and **Butt, M.H.:** Malocclusion in Black Americans and Nyeri Kenyans –
an epidemiology study (co- author). The Angle Orthodontist, April 1985, Vol. 55, No.
139-146, 1985.

National

Butt. M.H: Presented on Wireless Orthodontics at First Invitational Workshop on Body Area Network.
Technology and Applications, IEEE conference at WPI, June 19-20, 2011.

International

Butt. M.H.: Presented “The Future of Orthodontics”, Mideast conference, Hebrew University, Jerusalem, Israel
on June 4, 2011.

-**Butt, M.H.** Dental Health of Patients attending Nyeri Provincial Dental Clinic- presented at the XII Annual
Meeting of the Kenya Medical Association, Nyeri, Kenya, April 1984.

Narrative Report

My area of excellence is in clinical teaching and private practice management. I have significant supporting
activities in Dental Public Health, Education and Administration services.

As a resident in the Harvard Orthodontic Program, I was exposed to several traditional Orthodontic techniques
such as the Begg technique, Standard Edgewise mechanics, Straight wire Technique, Progressive technique, Bi-
dimensional technique, and many other approaches to solve Orthodontic problems. I was lucky to be one of the

first residents to be taught with early non-extraction treatment by Norm Cetlin; where I learnt the benefits of doing early treatment using Trans-palatal bars, Lip Bumpers and Extra-oral Headgears.

Over the years I have tried and used many other techniques including the Damon system, and other self-ligating brackets. I was involved with Invisalign from its first introduction in 1999 in Boston, when it was not that popular with Orthodontist. I saw how over time the use of Plastics has improved and become a sustainable acceptable system in the orthodontic armamentarium. I have become very familiar with the pros and cons of when to use Plastic aligners in solving orthodontic problems.

As a faculty member of Advanced Graduate Education in the Orthodontic program at HSDM, I developed a new course to encourage resident to think out of the box and create innovative ways to create original orthodontic appliance and find means to Patent their ideas. This course resulted in the Residents creating original Orthodontic Appliances, that resulted in successfully attaining a US Patent.

As a Faculty at HSDM, I continuously encouraged interdisciplinary collaboration with different departments to improve the overall care of our patients with better outcomes. I started the collaboration with the Periodontics department in finding ways to accelerate clinical Orthodontic movement. I also served on the Committee that put together and implemented an electronic health record in the Teaching clinics and the Faculty Group Practice at HSDM.

In my private practice, I have been a Mentor for the Tufts University and have helped many Students pursue a career in Dentistry and eventually become Orthodontist. I continue to mentor and oversee students that want to become Dentist and pursue a career in the field of Orthodontics.

I have called upon internationally to speak to Orthodontists in various countries. I have also been a consultant to review the Orthodontic curricula of international Dental schools and have conducted feasibility study on creating and implementing a Post graduate Orthodontic program.

As part of the Global Health Initiative, I have visited and Lectured in Israel and Palestine to foster peace through dental education collaboration.

As a full-time practicing Orthodontist for the past 30 years, I have developed a personal unique approach to solving Orthodontic problems that are effective and efficient.