



Prof. Dr. Azmina Hussain

BDS, M.Phil., PhD

Academic Credentials

Academic Credentials (Evaluation done by WORLD EDUCATION SERVICES with CANADIAN EQUIVALENCE)- ECA # 2659804IMM Dated 12/12/14			
DATE	Degree/credential	College/University	Status
Apr 14-Jun 19	PhD-Public Health	Dow University of Health Sciences	Completed
Jan 03 –Jun 06	M. Phil - Oral Microbiology	University of Karachi	Degree conferred
Mar 95 – 99	Bachelor of Dental Surgery	University of Karachi	Degree conferred with a Gold Medal

Core Skills

Aug 2015 – to date DIKIOHS, Dow University of Health Sciences

As a Professor and Head of the Department

- **Management of the entire department both academics and administration**
- Teaching **undergraduate students** Oral Pathology
- Supervising conduction of laboratory functions pertinent to oral histopathology and oral microbiology
- Handling practical sessions, small group discussions, problem-based learning sessions
- Teaching **postgraduate students** Epidemiology and Public Health

Member Affiliate of ASTRA (Addressing smokeless tobacco use and building research capacity in South Asia) – University of YORK

A Research Supervisor and team lead in Smokeless Tobacco Free Schools Project

Supervising 3 students of Masters of Science Scholars in Oral Pathology candidates –DUHS

Supervising - Master thesis (MSBE- Masters of Science in Biostatistics & Epidemiology)

Supervising - Master thesis (MPH- Masters of Public Health)

Expertise as an Academician and Researcher-Post Graduate studies

- Delivering didactic sessions to both under and post-graduate students
- Conducting problem-based Learning sessions
- Mentoring and developing modular Curriculum
- Strategic assessment model implementation
- Supervising Research Projects and
- Formulating study designs
- Designing clinical trials and conducting them
- Statistically Analyzing Data

May 2014 – to date DOW School of Dental Care Professionals

As a Principal

Dental Care Professional is a school that provides MSc in two disciplines, Dental Hygienist and Dental Technologist

My responsibilities include:

- Managing academics of both disciplines
- Entire administration of the schools including teaching and nonteaching staff
- Maintenance of monitoring and evaluation of the program and clinical services through quality enhancement

cell of Dow University of Health Sciences and respective head of departments

- Manage health care consultants and experts
- Discuss with dean, faculty of dentistry and clinical consultants to uphold and institute benchmarks for the delivery of dental health care services
- Represent the school at meetings with university and hospital officials
- Updating curriculum timely with subject experts
- Providing dental care professionals for patients’ services pertinent to dental hygiene and health
- Providing dental care professionals for patients’ services pertinent to dental prosthesis and mouth rehabilitation
- Conduction of smooth assessment of each semester of both programs

Previous Engagements as an Academician

<u>S #</u>	<u>Organization</u>	<u>Position</u>	<u>Duration</u>
1.	<u>Dental Section, Dow University of Health Sciences</u>	<u>Assistant and Associate Professor</u> Oral Pathology and Microbiology	<u>Nov 2011 – Aug 2015</u>
2.	<u>Bahria University, Medical and Dental College</u>	<u>Assistant Professor - Oral Pathology and microbiology</u>	<u>Aug 2010 – Nov 2011</u>
3.	<u>Fatima Jinnah Dental College & Hospital</u>	<u>Assistant Professor - Oral Pathology and microbiology</u>	<u>Jun 2006 – July 2010</u>
4.	University of Karachi	<u>M.Phil. Scholar (on partial deputation)</u>	<u>Jan 2003 – May 2006</u>
5.	Fatima Jinnah Dental Hospital	<u>Lecturer</u>	<u>Nov 2000 – Dec 2002</u>

Research and Publications

Have written thesis on “The effect of fissure sealants on the reduction of cariogenic bacteria in the saliva of 6-8-year-old”

1. The above-mentioned research is published in the Journal of Pakistan Dental Association, Jan-Mar 2008 issue
2. Oral health status & malocclusion in flood affected and Internally displaced children in Pakistan – published in Pakistan Oral & Dental Journal Vol 32, No. 1 April 2012
3. Retention of Dental Sealants – Five Years’ post application in lower socioeconomic class of Karachi - published in Pakistan Oral & Dental Journal (PODJ) Vol 32, No 3 December 2012
4. A perspective on mentoring dental students of Dow International Dental College (Dow University of Health Sciences): a cross-sectional study- PODJ- September 2014
5. Knowledge, attitude and practice concerning infection control measures among dental health care providers of Dow University of Health Sciences - PODJ- September 2014
6. Socioeconomic status and oral health care attitudes: a snapshot of Karachi based teaching hospital – PODJ-March 2015
7. Effect of Surgery duration on post-extraction sequelae following impacted third molar surgery by using two different bone cutting methods; a double-blind randomized trial. - PODJ – March 2016
8. Temperature difference of local anesthesia and its effects on injection pain: a double blinded randomized clinical trial – PODJ – April-June 2016
9. Association between environmental tobacco smoke and dental caries among 5-14 years old children in Karachi, Pakistan –Journal of Pakistan Medical Association (JPMA) - February 2018.
10. Perceptions of health professional students regarding waterpipe smoking & its effects on oral health: an analytical cross-sectional study –Journal of Ayub Medical College, Abbottabad, Pakistan, Jan-Mar 2018
11. Measure of frequency of alveolar osteitis using two different methods of osteotomy in mandibular third molar impactions: a double-blind randomized clinical trial - Journal of Ayub Medical College, Abbottabad,

Pakistan, Jan-Mar 2018.

12. Efficiency of wax removal; mechanically modified surfaces of denture base resin (pmma) using hot water at different temperatures with added detergent- The Professional Medical Journal, April 2018, DOI: 10.29309/TPMJ/18.4517

Manuscript published in International Journals:

13. Individual, social and environmental determinants of Smokeless Tobacco and Betel Quid use amongst Adolescents of Karachi: A School-based cross-sectional survey –Published in Nov 2017 in BMC Public Health - <https://doi.org/10.1080/10826084.2018.1447964>
14. Betel quid dependency and associated intrapersonal, interpersonal and environmental contributors amongst adolescents of Karachi: A school-based cross-sectional survey –Published in Mar 2018 in Substance use and misuse - <https://doi.org/10.1080/10826084.2018.1447964>
15. Reasons for betel quid chewing amongst dependent and non-dependent chewing adolescents: A school-based cross-sectional survey - Hussain et al. Substance Abuse Treatment, Prevention, and Policy (2018) 13:16 <https://doi.org/10.1186/s13011-018-0154-5>
16. Hussain A, Zaheer S, Shafique K. School-based behavioral intervention to reduce the habit of smokeless tobacco and betel quid use in high-risk youth in Karachi: A randomized controlled trial. PloS one. 2018 Nov 2;13(11):e0206919. <https://doi.org/10.1371/journal.pone.0206919>

Member Editorial Board

Member editorial board - Environmental Research and Public Health (OA Journal)



Member editorial board - [CIENT PERIODIQUE](#)

Assisted Bahria University Medical and Dental College's Newsletter as member editorial board

Reviewer:

Bio Med Central Journals

Journal of Pakistan Dental Association

Languages

- English & Urdu
- IELTS Scores:
 1. Academic – Listening (9) Reading (7.5) Speaking (7.5) Writing (8)
 2. General – Listening (8.5) Reading (8.5) Speaking (8) Writing (7.5)