

Curriculum Vitae

Dr. Humaira Jabeen



Personal Details:

Citizenship: Pakistani

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Date of birth: 15th, October 1989.

CNIC No: 17301-5361985-8

Education:

M.Phil.: 2020-2022 Master of Philosophy, Dental Materials, Khyber Medical University, Peshawar.

Thesis Title: Effect of TiO₂ Decorated Cellulosic Materials Addition on Physical and Biological Properties of Dental Adhesive Composite

BDS: 2010-2013 Bachelor of Dental Surgery, Sardar Begum Dental College, Gandhara University, Peshawar.

(700/1200) in Final Professional BDS examination.

Subjects included: Dental materials, Anatomy, Physiology, Pathology, Biochemistry, Medicine, Surgery, Orthodontics, Endodontics, Oral & Maxillofacial surgery, Prosthodontics, Operative dentistry, Periodontics, Paedodontics, Oral medicine, Oral Pathology, Oral anatomy & tooth morphology, Radiology.

FSc: 2007-2008 Pre-medical, Amina Degree College for Women, Hayatabad, Peshawar.

A Grade in Pre-Medical Group (855/1100).

Matric: 1996-2006 Matric, University Model School Peshawar, BISE Peshawar.

A1 Grade in Matric (847/1050).

Employment:

February 2014 – February 2015, Dental Surgeon Sardar Begum Dental Hospital, Peshawar.

Duties include dealing patients in both In and Outpatient departments, general and specialized dentistry.

Positions held in National & International Technical Organizations:

1. Member International association of dental research (IADR).
2. Permanent Member of Pakistan Medical and Dental Council (PMDC) since Feb 2014 to date.

Conferences / Workshops Organized & Attended:

1. 5th International symposium on Biomedical Materials, Lahore, Pakistan 2016.
2. Pak-China Business Forum, Lahore, Pakistan 2016-17.
3. Dental & Biomaterials Summer camp, Lahore, Pakistan 2016.

Research Publications in International Impact Factor and HEC Recognized HJRS journals:

1. N Irshad., H Jabeen., & S Liaqat. To determine the ph of commercially available whitening toothpastes, Proceedings of 5th International Symposium on Biomedical Materials, Lahore, Pakistan 2016.
2. Farman H, Fayyaz S, Jabeen H, Muhammad N, Khan MA, Liaqat S. Aloe Vera in Dentistry: A Review. Biomedical Letters 2021; 7(2):178-186. 2021 Dec 30.
3. Liaqat, S., & Jabeen, H. (2022). Conversion, Polymerization Shrinkage, Heat Generation, and Depth of Cure of Novel Dental Composites: Pakistan BioMedical Journal, 5(1). <https://doi.org/10.54393/pbmj.v5i1.246>.

4. Khattak, P., Khalil, T. F., Bibi, S., Jabeen, H., Muhammad, N., Khan, M. A., & Liaqat, S. (2022). Juglans Regia (Walnut Tree) Bark in Dentistry. Systematic Review. Pakistan BioMedical Journal, 5(2). <https://doi.org/10.54393/pbmj.v5i1.201>
5. Liaqat S, Jabeen H, (2022), Polymerization Shrinkage, Degree of Conversion, Depth of Cure, And Heat Generation of Novel Experimental and Commercial Composite. J Khyber College of Dentistry, Dec 2021, Vol 11, No 4
6. Aziz S, Ahmad S, Jamal S, Jabeen H, Muhammad N, Khan MA, et al. Ginseng in Dentistry: a systematic review. [Review Article]. J Rehman Med Inst.2021 Oct-Dec;7(4):24-31
7. Liaqat S, Jabeen H. Mechanical, Chemical and Bond analysis of Novel Experimental and Commercial Composites. J Med Sci 2022 ;30(1)
8. Liaqat, S., Durrani, A., Sajjad, F., Ullah, S., Jabeen, H., Muhammad, N., & Khan, M. A. (2022). Sophora Flavescens in Dentistry: A Systematic Review. Pakistan BioMedical Journal, 5 (3). <https://doi.org/10.54393/pbmj.v5i3.338>
9. Aziz S, Khattak P, Durrani A, Jabeen H, Khan M.A, Muhammad N, & Liaqat S (2022), Materials Used in 3D Printing for Bone Defects: A Systematic Review. J Khyber College of Dentistry, Mar 2022, Vol 12, No 1
10. Liaqat, S., Farman, H., Bibi, S., Fayyaz, S., Ullah, S., Jabeen, H., Khan, M. A., & Muhammad, N. (2022). Approval and Legislation Involved in Development of Medical Devices in Dentistry – A Systematic Review: Approval and Legislation of Medical Devices in Dentistry. Pakistan BioMedical Journal, 5(6). <https://doi.org/10.54393/pbmj.v5i6.495>
11. Liaqat, S., Jamal, S., Ahmad, S., Sajjad, F., Khalil, T. F., Jabeen, H., Khan, M. A., & Muhammad, N. (2022). Ethical Issues and Use of Animal Models in Dentistry - A Systematic Review: Animal studies, Ethical issues, Dentistry, Artificial Intelligence. Pakistan BioMedical Journal, 5(6). <https://doi.org/10.54393/pbmj.v5i6.494>
12. Liaqat S, Tariq S, Hayat I, Mobeen B, Fayyaz S, Jabeen H, et al. (2022) Therapeutic Effects and Uses of Ozone in Dentistry: A Systematic Review. Ozone: Science & Engineering. <https://doi.org/10.1080/01919512.2022.2125363>.
13. Liaqat S, Jabeen H. (2022) Mass and Volume Changes of Novel Chlorhexidine, Polylysine, and Composites Based on Calcium Phosphate. KMUJ; Vol 14 No 3
14. Liaqat, Saad, Haleema Qayyum, Zainab Rafaqat, Abdul Qadir, Sarmad Fayyaz, Aiman Khan, Humaira Jabeen, Nawshad Muhammad, and Muhammad Adnan Khan. "Laser as an

Innovative Tool, Its Implications and Advances in Dentistry: A Systematic Review." Journal of Photochemistry and Photobiology (2022): 100148.

15. Jabeen H, Muhammad N, Siddiqui U, Sabir M, Ahmad N, Liaqat S. Effect of Tio₂ Decorated Cellulosic Materials Addition on Mechanical and Biological Properties of Dental Adhesive Composites. Cellulose Chemistry & Technology. 2023 Volume 57 Issue 5-6 May-June. <https://doi.org/10.35812/CelluloseChemTechnol.2023.57.48>

Seminars Attended:

Biosafety Course Khyber Medical University Peshawar 2021.

Gandhara Scientific Seminars (Excellence in Health Sciences) arranged by Gandhara University in April 2013 at Peshawar.

Laboratory Techniques Expertise:

1. Design, characterization and biological evaluation of complex, multifunctional biomaterials:
2. Mechanical testing with Universal testing machine for (strength, adhesion, modulus, toughness, resilience), including fatigue testing.
3. Fourier Transform Infrared Spectroscopy. UV-Visible Spectroscopy.
4. Raman Spectroscopy.
5. Energy-Dispersive X-ray Spectroscopy. Light and scanning electron microscopy.
6. Adherence to International Standards (ISO).
7. Mass, Volume, along with density determination.
8. Use of different Laboratory and scientific software's, and programs.

General Skills:

General skills in research project management and data analysis. Skills include:

Computing Skills

Applications Microsoft Office Suite, Internet Explorer, Paint Shop Pro, Endnote, Reference manager, online data base access, and several e-mail packages.

Operating Systems Windows 8 touch screen, Windows 7, Vista, Windows XP, 2000, 98, Apple IOS operating systems, android.

Time Management

It was important to complete my MPhil within 2 years and so far, I am in right direction to complete this in time. I also met without fail, the many deadlines in my MPhil research and supervisory duties. I have extensive experience of juggling different tasks and bringing these to a successful conclusion.

Other Skills

Knowledge of research methodologies. Statistical software experience.
Data and information collection. Writing and presenting reports. Excellent communication skills.
Strong and coordinated team skills. Passion for teaching.
Cash handling, and customer care.

Curricular Awards and Distinctions:

- Among top ten students from class 4 to 10.
- 1st position in Pharmacology in Second professional BDS.
- Awarded Gold Medal for obtaining 1st position in overall Second professional BDS held by Gandhara University, Peshawar, 2011.

Career objective:

Seeking a challenging opportunity where I will be able to utilize my strong organisational skills, educational background, and exceptional people skills, which will allow me to grow personally, and professionally within the medical field.

References:

Dr. Nawshad Muhammad

Associate Professor, Khyber Medical University, Peshawar

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Dr. Saad Liaqat

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