

CURRICULUM VITAE

Khyber Medical University, Peshawar

1. Personal Information

Name: Hira Siyar

Designation: Teaching Assistant (TA), Institute of Pharmaceutical Sciences, Khyber Medical University

Department: Institute of Pharmaceutical Sciences, Khyber Medical University, Peshawar, Pakistan

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2. Academic Qualifications

Degree	Discipline	Institution	Year
MPhil	Pharmacology (General, ANS & CNS Pharmacology) — CGPA 3.79	Khyber Medical University (KMU), Peshawar	2023 – 2025
Pharm-D	Pharmacy (Pharmacology, Clinical Pharmacy, Biopharmaceutics, Medicinal Chemistry) — Grade A (72%)	Women Institute of Learning (WILS), Abbottabad	2016 – 2021
HSSC	Pre-Medical — Grade A	Army Public School and College (APS), Mardan	2012 – 2013
SSC	Science — Grade A	Army Public School and College (APS), Mardan	2010 – 2011

3. Professional Experience

Position	Organization	Duration
Teaching Assistant (TA)	Institute of Pharmaceutical Sciences, Khyber Medical University, Peshawar	Current
Resident Pharmacist	Shaukat Khanum Memorial Cancer Hospital, Peshawar	Nov – Dec 2025
Lecturer (Pharmacology, Physiology, Biochemistry)	Ghazali Institute of Medical Sciences, Girls Campus, Peshawar	Oct 2024 – Sept 2025
Visiting Faculty (General Pharmacology I – BSN 3rd Sem; Systemic Pharmacology II – BSN 4th Sem)	GCON, Lady Reading Hospital (LRH), Peshawar	Oct 2023 – Sept 2025
Visiting Lecturer (Physiology & Anatomy Labs)	University of Peshawar	Oct 2025
Teaching / Medical Officer (TMO)	Khyber Medical University (KMU)	March – June 2023

Position	Organization	Duration
Hospital Pharmacist (Intern)	Khyber Teaching Hospital, Peshawar (MTI-KTH)	June – Dec 2022
Hospital Clerkship	District Head Quarter (DHQ) Hospital, Abbottabad	March – May 2020
Hospital Pharmacist (Intern)	Combined Military Hospital (CMH), Abbottabad	Jan – Feb 2019

4. Administrative Responsibilities

- Assists with course delivery, laboratory coordination, and student support as Teaching Assistant, Institute of Pharmaceutical Sciences, KMU.

5. Areas of Specialization / Research Interests

- General, ANS, and CNS Pharmacology.
- Antidiabetic Pharmacology and Drug Supplementation Effects.
- Hepatotoxicity and Drug-Induced Organ Toxicity.
- Hematology and Haemoglobinopathies.
- Anticoagulant Pharmacology.

6. Publications

- A Comparison of the Protective Effect of Pyridoxine and N-Acetylcysteine in Paracetamol Induced Hepatotoxicity in Rats.
- Spectrum of Haemoglobinopathies in Tertiary Care Hospital of Rawalpindi and Islamabad.
- Evaluation of Anticoagulant Effect of Alum in Rats.
- Association of Human Leukocyte Antigen (HLA) Class II Alleles of DQB1 (DQB1*03:02) (DQB1*06:02) and DRB1 (DRB1*04:01) with Type-1 Diabetes Patients of Khyber Pakhtunkhwa, Pakistan

7. Research Grants & Projects

- Evaluation of the Effects of N-Acetylcysteine and CoQ10 Supplementation on the Antidiabetic Effect of Sitagliptin in Rats (MPhil Research Project).

8. Student Supervision

None reported.

9. Teaching Experience

- General Pharmacology I (BSN 3rd Semester).
- Systemic Pharmacology II (BSN 4th Semester).
- Pharmacology, Physiology & Biochemistry (Ghazali Institute of Medical Sciences).
- Physiology & Anatomy Labs (University of Peshawar).

10. Conferences, Workshops & Trainings

- Animal Handling and Research Application, 2023.

- Basic and Advanced Microsoft Word, 2023.
- Biosafety, Biosecurity and Bio-Management Certification, 2023.
- Systematic Review and Meta-Analysis, 2023.

11. Awards, Honors & Distinctions

None reported.

12. Professional Memberships

None reported.

13. References

Available upon request.