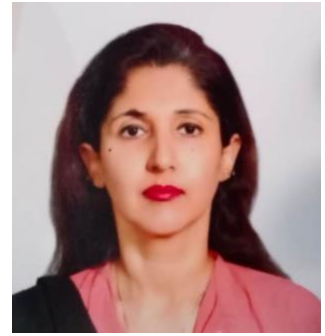




BUSHRA NASIR

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House No: House No. 184, Lane-II,
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Marital Status: Married
Linguistic Abilities: English, Urdu
Nationality: Pakistani
CNIC No: 36302-0328614-2



PROFESSIONAL SUMMARY

Motivated and qualified professional with exemplary academic record and passion to progress. Achieved high grade throughout academic career and made number of achievements in both studies and extra-curricular activities. I am an experienced teacher who can teach Pharmaceutical Sciences, Quality Management, Dispensing, Clinical Pharmacy & Pharmaceutical Microbiology and proves to be an excellent assets to any Institution.

CORE QUALIFICATION:

DEGREE / INSTITUTE	PASSING YEAR	BOARD / University	MARKS OBTAINED	GRADE / %AGE
Doctor of Philosophy (PhD) Pharmacy Bahauddin Zakariya University, Multan	2017	B.Z.U, Multan	-	CGPA 3.98
Master of Philosophy (M.Phil) Pharmaceutics Bahauddin Zakariya University, Multan	2006	B.Z.U, Multan	755/1000	CGPA 3.7 Gold Medalist
B. Pharmacy Bahauddin Zakariya University, Multan	2003	B.Z.U, Multan	2179/3600	A Grade
Higher Secondary Certificate Examination (F.Sc) F.G. Degree College for Women, Multan Cantt.	1999	Federal Board, Islamabad	780/1100	A Grade
Secondary School Certificate Examination (Matric) MRF Degree Science College, KAMRA	1997	Federal Board, Islamabad	714/850	A1 Grade

EXPERIENCE:

- ❖ Associate Professor 19-04-2025 to date
- ❖ Assistant Professor 02-08-2016 18-04-2025
- ❖ Lecturer 27 08-2007 to 01-08-2016

PROFESSIONAL ACHIEVEMENTS:

- ❖ Gold medalist M.Phil (Pharmaceutics)
- ❖ Merit Certificate of First Position in M.Phil (Pharmaceutics).
- ❖ Registered Pharmacist, Punjab Pharmacy Council, Registration # 003050-A.
- ❖ Member Syndicate, BZU Multan (2016-2018).
- ❖ Member ASA, Academic Staff Association, BZU Multan (2016-2017).

- ❖ DSA, Director Student Affairs Female, Department of Pharmaceutics, BZU Multan (2019-2020).
- ❖ DSA, Female, Department of Pharmacy, BZU Multan (2011-2014).
- ❖ Class Coordinator, Department of Pharmacy, BZU Multan (2011-2014).
- ❖ Internship Training, (MINAR) Multan Institute of Nuclear Medicines & Radio Therapy, 25-10-2003 to 05-12-2003 (Radioimmunoassay & Hot Laboratories)
- ❖ National Guards Training, 25-08-1997 to 12-09-1998.

OTHER ACHIEVEMENT:

- Merit Certificate Obtaining First Position in Mphil Pharmaceutics in Order of Merit, 19 March, 2007, Bahauddin Zakariya University, Multan.
- Certificate of Appreciation for valuable contribution to “One day International Seminar on Accelerate Vaccine, Decelerate Antibiotic Resistance, Oct 09, 2024, Faculty of pharmacy, Bahauddin Zakariya University, Multan.
- Certificate of Participation in Online Faculty Led Dialogue, Role of Faculty to Promote Peace Education. August 13, 2020, Faculty of pharmacy, Bahauddin Zakariya University, Multan.
- Certificate Of Participation as Oral Presenter in 2nd International Pharmacy Conference and Exhibition, “New Paradims of Pharmacy Education and Practice in Pakistan. 20-21, 2020, Department of Pharmacy, Islamic University, Bahawalpur.
- Certificate of Participation in Awareness Seminar on EU research and Innovation Programme, Horizon- 2020, August 24, 2017. Bahauddin Zakariya University, Multan.
- Certificate of Participation in Three days International Pharmacy Conference, Recent trends in Advancement of Pharmaceutical Sciences Challenges and Opportunities, 14-16, 2019, Faculty of Pharmacy, Bahauddin Zakariya University, Multan.
- Certificate of Participation in International Pharmaceutics Conference, “Exploring New Avenue for Pharmacy Practice, 12-13 February, 2018, Faculty of pharmacy, Bahauddin Zakariya University, Multan.
- Certificate Of Participation as an Organiser fir One day Conference “Implementation of International standards of Pharmacy Education and Practice in Pakistan, 26 March, 2017, Blind Hotel, Bosanquet Road, Multan.
- Certificate Of Appreciation for Organising Annual Sports Gala, 2016- 17, Academic Staff Association, Bahauddin Zakariya University, Multan.

- Certificate Of Merit as An Event Coordinator, 2012, Department of Pharmacy, Bahauddin Zakariya University, Multan.
- Merit Certificate For Participation in Painting Competition, 5-October, 95, MRF Degree Science College, Kamra.
- Certificate of Distinction in Participating PAF Colleges Painting Competition at National Art Gallery, 30 September, 1996, PNCA, Islamabad.

RESEARCH ACTIVITIES:

- ❖ Supervised 29 M.Phil students

Name of Student	Research Topic
1. Falak Ejaz	Formulation and Evaluation of Colistin Nanoemulgel for Improved Transdermal Drug Delivery
2. Anila Riaz	Miconazole Nanoemulgel and Advance Strategy for Transdermal Drug Delivery Stem, Invitro Invivo Analysis
3. Azka Anjum	Formulation and Evaluation of Cosmetics Serum Containing Salicylic acid as an Adjuvant Treatment Option for Mask Induced Acne (Maskne)
4. Komal Arshad	Evaluation and Characterizations of face Serum containing blend of Glutathione Vit B6 and Alpha lipoic acid
5. Sumaira Fazal	Formulation and Characterization of topical gel containing Voriconazole loaded Solid lipid Nanoparticles
6. Sara Shakir	Preparation and Characterization of Microparticles for Controlled delivery of 5-Flourouracil
7. Sheharyar Hassan	Nano-emulgel formulation of finastride for topical treatment of androgenic alopecia
8. Mahrukh Ikram	Development and in-vitro characterization of 5-fluorouracil encapsulated microparticles
9. Hafiza Ujala Anwar	Formulation and Evaluation of Voriconazole-loaded Solid Lipid Nanoparticles Emulgel
10. Aleena Haider	Characterization, Development and Evaluation of Cream by using Plant Terminalia Chebula and Cucumber Sativus
11. Syeda Umm-e-Aiman Rizvi	Solid Lipid Nanoparticles to improve efficacy of Voriconazole topical gel invitro / invivo evaluation
12. Aroosa Sharif	Development of topical preparation using calendula and Turmeric Powder for Wound Healing activity in rates: invitro / ex-vivo study
13. Iqra Tariq	Preparation and Characterization of Antiaging Cream: Invitro / Invivo Evaluation
14. Zainab Rani	Evaluation and Optimization of Medicated Lip Rouge Containing Ketoconazole Inside Novel Vesicular Carrier Niosome
15. Syeda Aqsa Hamdani	Formulation & Characterization of Cetirizine Dihydrochlorid Emulgel.
16. Saima Khan	Development & Characterization of Anti-Emetic Film Forming Gel.
17. Aqeela Bibi	Development and Evaluation of Anti-Depressant Chewing-Gum.

18. Sidra Ilyas Development & Characterization of Anti-Histaminic Emulgel.
19. Amna Jameel Development & Characterization of Anti-Acne Nano-Emulgel.
20. Lubna Rani Fabrication and Evaluation of Ocular Insert of Diclofenac Diethylamine.
21. Bushra Yasir Formulation and In-vitro Characterization of Microparticles and their Application in Target Drug Delivery System.
22. Qurat-ul-Ain Design & Evaluation of Transdermal Drug Delivery System for Controlled Drug Release using Cyclodextrin.
23. Khadija Nisar Utilization of Natural Polymeric Based Cross-linked Network to Improve Therapeutic Efficiency of Antifungal Drugs.
24. Nariman Shahid Method development and analytical method validation of artemether injection.
21. Saima Hassan Formulation and permeation kinetics of Clomipramine.
22. Rabia Samreen Development and optimization of anti-acne gel.
23. Sana Hanif Computer aided formulation and characterization of propranolol HCL buccal tablets using polymer blend.
24. Irum Khaukab Effect of pharmacist led patient education on management of depression in DR-TB patients using cycloserine-A prospective study.
25. Nosheen Kanwal Prevalence and risk factors of HCV in diabetic patient - A prospective study.

RESEARCH ARTICLE PUBLISHED:

YEARS	TITLE
2025	Development and Evaluation of Fluticasone Propionate / Cefadroxil – Loaded Chitosan / PVA Nanofibers for Enhanced Wound Healing
2025	Fabrication of antibacterial chitosan / PVA nanofibers Co-loaded with Curcumin and Cefadroxil for wound healing. Green Processing and Synthesis, 14(1), 20250010.
2024	In vivo and ex- vivo evaluation and Characterization of wound healing effect of topical calendula officinalis and turmeric cream in diabetic rats. (The professional Journal of Health Sciences, 2024, vol 31, issue 12)
2024	Alzheimer's disease and drug delivery across the blood brain barrier: approaches and challenges. (European journal of medical research, 2024: 24: 313).
2023	Characterization, development and evaluation of cream by using terminalia chebulia and cucumber satives extract. (International journal of health sciences, 7S1, 1768-1779.
2023	Plant Polyphenols and their potential benefits on cardiovascular health: A Review. (Molecules, 2023, 28, 6403).
2022	Foliar Application of Salicylic acid improved growth yield, quality and photosynthesis of pea (Pisum sativum L.) by improving anti-oxidant defense mechanism under saline conditions. (Sustainability, 2022, 14).

2021	Formulation of Captopril-loaded Hydrogel by Microwave-assisted free Radical Polymerization and its Evaluation. (Polymer Bulletin, 31 August 2021).
2020	Development and characterization of Novel Pectin rafts for the delivery of ibandronate in Bioinspired, Biomimetic and Nano biomaterials, 20/10-2020. (Bioinspired, Biomimetic and Nanobiomaterials).
2020	Desirability combined response surface methodology approach for optimization of prednisolone acetate loaded chitosan nanoparticles and in-vitro assessment. (Mater-Res. Express 7 (2020) 115004).
2018	Development and characterization of Polymeric Drug Carrier of 5-Fluorouracil and Hydroxypropyl- β -Cyclodextrin Complex for effective delivery in Latin American Journal of Pharmacy. (. Lat. Am. J. Pharm).37 (5) 860-73).
2018	Box-BEHNKEN DESIGN: Statistical approach to evaluate the effect of crosslinked carboxymethyl cellulose and sodium starch glycolate on release kinetics of drug. (Acta Poloniae Pharmaceutica drug research). Volume 75 No.4, pp 965-975.
2017	Development and validation of a new HPLC method for detection of 5-fluorouracil in mobile phase in plasma.(Current pharmaceutical analysis), 13,000-000.
2017	Development and characterization of pH-responsive polyethylene glycol-co-poly (methacrylic acid) polymeric network system for colon target delivery of oxaliplatin: Its acute oral toxicity study.(Adv polym Technol). 1-17.
2017	Pharmacokinetics studies of 5-fluorouracil in Rabbit Plasma. (Acta Poloniae Pharmaceutica-Drug Research). Vol.74, No5 pp.1573-1578.
2017	Reverse phase high performance liquid chromatography method for determination of 5-fluorouracil in rabbit plasma. (Acta Poloniae Pharmaceutica-Drug Research) Vol.74, No. 2 pp, 379-383.
2017	Extraction and Antidiabetic evaluation of Zaleya pentandra.(Latin American Journal of Pharmacy). 36 (8): 2017.
2016	Formulation development and characterization of 5-fluorouracil based microbeads using hydroxypropyl- β -cyclodextrin for innovative drug delivery.(Latin American Journal of pharmacy). 35 (supp:1)1092-101.
2017	Carrageenan based bionanocomposites as drug delivery tool with special emphasis on the influence of ferromagnetic nanoparticles. (Oxidative Medicine and cellular longevity).Article ID 8158315.
2017	Computer aided formulation and characterization of propranolol HCL buccal tablet using polymeric blend. (The open conference proceedings journal). ISSN: 2210-2892 Vol. 8, 2017.
2016	Preparation and evaluation of Novel pH-Sensitive Poly (butyl acrylate-co-itaconic acid) Hydrogel Microspheres for controlled drug delivery. (Advances in polymer technology). vol.00, No.0, 2016, DOI 10.1002/Adv.21603.
2016	Prevalence of Hepatitis in diabetic patients A prospective study.(Acta Poloniae Pharmaceutica Drug Research). vol.73, No. 3 pp 771-775.

2016	Effect of Pharmacist-Led patient education on Management of Depression in Drug Resistance Tuberculosis patients using cycloserine A prospective study.(Latin American Journal of Pharmacy). 34 (7): 1403-10.
2015	Formulation and invivo dissolution characteristic of sustained release matrix of Tizanidine hydrochloride.(Tropical Journal of Pharmaceutical Research). 14 (20) : 219-255
2014	Assessment of the determinant of choice of 'Over the Counter' Analgesics among students of a university in Abbottabad, Pakistan. (Tropical Journal of Pharmaceutical Research). October 2014: 13(10): 1713-1717.
2012	Development of in-vitro in-vivo correlation for pharmacokinetic simulation.(African Journal of Pharmacy and Pharmacology).vol. 6 (4), pp 257-263, 29 Jan, 2012.
2012	Efficacious formulation of antimalarial dry suspension for pediatric use. (African Journal of Pharmacy and pharmacology).vol. 6 (36) pp 2629-2633, 29 Sep 2012.
2012	An evaluation of Pakistani Pharmacy students knowledge of Herbal medicines in Pakistan (African Journal of Pharmacy and Pharmacology).vol. 6 (3) pp 221-224, 22 Jan, 2012.
2012	Nasal carriage of staphylococci in health care workers: antimicrobial susceptibility profile. (Pak. J.Pharm.Sci).vol. 21, No. 0---2008 pp. 290-294.
2012	New HPLC method for determination of artemether injection. (Scientific Research and Essay 7(10)1165-1168.
2012	Comparative Analysis of minimum inhibitory concentration of various brand of cephalosporin against clinical isolates of staphylococcus aureus