

Zunaira Afzal

(Pharm D, M Phil Pharmaceutics, PhD Pharmaceutics Scholar)

## PERSONAL INFORMATION

Date of birth: 17-09-1984

Nationality: Pakistani

Marital Status: Married

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Jhung Road, Faisalabad

## ACADEMIC BACKGROUND

### CAREER OBJECTIVE

Want to join an institution where I can utilize my experience and transfer my knowledge to youth. Want to get a challenging and varied teaching role offering opportunities for professional and personal growth. Want to be informative and helpful to the students.

### CAREER HISTORY

Eleven years teaching Experience and about Nine Years after M-Phil teaching experience:

Demonstrator/Pharmacist of pharmacology in Independent University Hospital

JAN 2010--April 2013

Lecturer in Pharmacy Department of The University of Faisalabad.

April 2013-September 2016

Visiting Lecturer in Pharmacy Department of University of Agriculture Faisalabad

NOV 2017- June 2023

Involved in delivering lectures and tutorials. Conducting practical.

Involved in the research project of hospital

Involved in designing of PRACTICAL NOTE BOOK of pharmacology MBBS 3rd professional.

Involved in the setup of exams and the marking of results.

Involved in maintenance and installation of MACHINES and EQUIPMENTS of INDUSTRIAL PHARMACY LAB. of Agriculture University Fsd.

Successful in developing PHARMACEUTICAL TECHNOLOGY PROJECTS of Pharmacy tenth semester.

Involved in the training and educating students as CLINICAL PHARMACIST.

#### INTERNSHIP

Two months internship in SAFFRON PHARMACEUTICALS in Production and Quality Control Department

PROJECTS DURING Pharm. D.

Anaemia, AIDS, Genetic engineering, Drug induced mutation, Thyroid acting drugs, multiple emulsions, microspheres, Health accessories

RESEARCH PROJECT IN MPHIL. Pharmaceutics

pH Sensitive Poly Vinyl Alcohol and Acrylic acid Crosslinked Hydrogels.

RESEARCH PROJECT IN PhD. Pharmaceutics

Preparation and Characterization of Lipid Polymer Complex Microparticles of Itraconazole.

#### PUBLISHED RESEARCH ARTICLES:

1: Synthesis and Characterization of cetirizine-containing, pH-sensitive acrylic acid/poly(vinyl alcohol) hydrogels.

2: Diffusion coefficient, porosity measurement, dynamic and equilibrium swelling studies of Acrylic acid/Polyvinyl alcohol (AA/PVA) hydrogels

3: Sensitive and Inexpensive HPLC Method for Combined Monitoring of Metformin and

Sitagliptin in Plasma

4: Trends in the Use of Prescription Antibiotics and Other Medications in Gastroenteritis Pediatric Patients in Punjab, Pakistan

5. Moxifloxacin loaded nanoparticles of disulfide bridged thiolated chitosan-eudragit RS100 for controlled drug delivery.

6. Fabrication and characterization of itraconazole loaded anisotropic solid lipid-mannitol microstructures for enhanced antifungal activity.

7. A Mechanistic approach elaborating the association of heavy metals-induced oxidative stress with insulin resistance susceptibility.

8. Evaluation of non-cytotoxic drugs as potential candidates for breast cancer

## ACHIEVEMENTS

Got second position in MPhil pharmaceuticals (2009-2011)

## COMPUTER SKILLS

MS OFFICE (Word, power point, excel)

Internet and web site searching

## LANGUAGES

Urdu    English    Punjabi