

**SAIQA ISHTIAQ**

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## **PROFESSIONAL PROFILE/CAREER OBJECTIVES**

PhD in the subject of Pharmacognosy and working as Assistant Professor at the Punjab University College of pharmacy, University of the Punjab; is having 12 years of extensive professional experience including 7 Years of teaching experience at University level.

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## **PROFESSIONAL EXPERIENCE**

**Dec 2010 – to date**                      **University College of Pharmacy, University of the Punjab**  
**Lecturer**

- ✓ Teaching Undergraduate ( Pharm-D) classes ( Practicals and theory)
- ✓ Teaching Post-Graduate ( M.Phil - Pharmacognosy) classes ( Practicals and theory )

**Dec 2009 – Nov 2010**                      **Department of Pharmacy, University of Lahore**  
**Lecturer**

- ✓ Taught Undergraduate ( Pharm-D) classes ( Practicals and theory)

**Jan 2009 – Dec 2009**                      **Department of Pharmacy, University of Faisalabad**  
**Lecturer**

- ✓ Taught Undergraduate ( Pharm-D) classes ( Practicals and theory)

**Sep 2006 – Jan 2009**                      **Harrison Pharmaceuticals, Sargodha**  
**Quality Control Manager**

- ✓ Was overall responsible for ensuring and implementing quality control.

**Jan 2004 – Aug 2006**                      **Pacific Pharmaceuticals, Lahore**  
**Quality Control Analyst**

- ✓ Worked in the Quality control department supporting the QC Manager.
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## **ACADEMIC QUALIFICATION**

(2011 – 2016)	Ph. D (Pharmacognosy) University of Karachi, Karachi	PhD
(2005-2007)	M. Phil (Pharmacognosy) University of the Punjab	(3.67 GPA)
(1998-2002)	B. Pharmacy University of the Punjab	(59.70%)
(1994-1996)	F.Sc. (Pre Medical) Federal Board	(76.90%)
(1992-1994)	Matriculation Sargodha Board	(74.11%)

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#### **DISTICTIONS AND HONARS**

- ✓ Gold Medal from the Pharmacognosy society of Pakistan
  - ✓ Secured 3<sup>rd</sup> position in M. Phil pharmacognosy.
  - ✓ Distinction in Biostatistics in M.Phil 1<sup>st</sup> semester.
  - ✓ Distinction in Mathematics in B-Pharmacy 1<sup>st</sup> Prof.
  - ✓ Serving as internal examiner in B. Pharmacy and Pharm. D (2nd and 3rd Prof.) examinations of University of the Punjab, Lahore since 2010.
  - ✓ Internal paper setter for Pharm. D 2nd Prof Examinations in subject of Pharmacognosy since 2010.
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#### **MEMBERSHIP OF ACADEMIC BOARDS**

- ✓ Member of board of faculty of University College of Pharmacy, University of the Punjab.
  - ✓ Member of board of studies of University College of Pharmacy, University of the Punjab.
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## **AWARDS**

**2012**

- ✓ Incentive award on the basis of research publications

**2013**

- ✓ Incentive award on the basis of research publications

**2014**

- ✓ Incentive award on the basis of research publications
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## **POST GRADUATE RESEARCH**

Anti-irritant investigations of *Malva parviflora* L.

Supervisor: Prof. Dr. Muhammad Asif Saeed, Professor of Pharmacognosy University  
College of Pharmacy, University of the Punjab, Lahore, Pakistan

## **DOCTORATE RESEARCH**

Biological and Phytochemical evaluations of *Lathyrus aphaca* L. and *Amaranthus graecizans* subsp. *silvestris* (Vill.) Brenan.

Supervisor: Prof. Dr. Mansoor Ahmad, Professor of Pharmacognosy University of  
Karachi, Karachi, Pakistan.

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## **M. Phil SUPERVISED**

**2011-2012**

- ✓ Pharmacognostic studies and hepatoprotective activity of methanolic extract of *Malva parviflora*.

**2013-2014**

- ✓ Pharmacognostic and hepatoprotective activity of different extracts of *Verbena bonariensis*.
- ✓ Phytochemical and anti-diabetic activity of *Polytrictum commune* and *Funaria hygrometica*.

**2014-2015**

- ✓ Pharmacognostic and Phytochemical investigation of *Colebrookea oppsitifolia*.

## 2015-2016

- ✓ Phytochemical and analgesic activity evaluation of methanolic extract of *Amaranthus graecizans* subsp. *silvestris*.
- ✓ Optimization of extraction process of *Rhododendron arborium* by response surface methodology.
- ✓ Toxicity studies of herbal medicine “Hab-e-kabad noshadri”.
- ✓ Pharmacognostic studies and antiarthritic activity evaluation of *Verbascum Thapsus*.
- ✓ Authentication of herbal materials in a polyherbal formulation using PCR Technique.
- ✓ Toxicity studies of herbal medicine “Akseer-e-jjiger”
- ✓ Standardization of acne products of tea tree oil.
- ✓ Evaluation of antiurolithiatic activity of methanolic extract of *Colebrookea oppositifolia*.
- ✓ Standardization and evaluation of combined antiulcer effect of *Foeniculum vulgare*, *Elletaria cardamomum* and *Coriandrum sativum*.
- ✓ Analgesic and anti-inflammatory activity of *mazus pumilus*.

## M. Phil Co-SUPERVISED

- ✓ Pharmacognostic and biological investigations of *Indigofera Heterantha*
  - ✓ Study of Pharmacognostic and cytotoxic effect of *Sauromatum venosum* and *Eclipta alba*.
  - ✓ Phytochemical and wound healing investigations of *phoenix dactylifera* and *phoenix sylvestris*.
  - ✓ Antiulcer activity of *Malva parviflora* leaf extract (Narr sonchal) on ethanolic induced ulcers in rats.
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## RESEARCH EXPERIENCE

- ✓ Identification and counter-irritant potential evaluations of crude extract of *Malva parviflora* L. by WHO recommended methods.
- ✓ Antimicrobial and phytochemical analysis of *ocimum basilicum*.
- ✓ *In-vivo* antioxidant and hepatoprotective effect of crude extract of *Malva parviflora*.

- ✓ Pharmacognostic studies on *Malva parviflora*.
  - ✓ *Anti-ulcer* activity of leaves of *Malva parviflora*.
  - ✓ New analytical method development for quantitative analysis of famotidine.
  - ✓ Pharmacognostic and Hepatoprotective studies of *Verbana bonariensis*.
  - ✓ Phytochemical and in-vitro antioxidant potential evaluation of different fractions of *Amaranthus graecizans* subsp. *silvestris* (Vill.) Brenan.
  - ✓ Antioxidant activity of Bryophytes *Funaria hygrometrica* and *Polytricum commune*
  - ✓ Development and Validation of RP-HPLC Method for Determination of Famotidine and its Application in Quality Control of Different Pharmaceutical Dosage forms.
  - ✓ Phytochemical and anti-diabetic effect of Bryophytes *Funaria hygrometrica* and *Polytricum commune*.
  - ✓ Antioxidant and Phenolic Content Estimations of Different Fractions of *Lathyrus aphaca* (Leguminosae) Supported by Phytochemical Testing
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## PUBLICATIONS

### 2016

Novel 4-[5-[4-[(2-benzylidenehydrazine) carbonyl] phenyl]-3-(trifluoromethyl)-1*H*-pyrazol-1-yl]benzenesulfonamides: synthesis, crystal structure, anti-inflammatory and ulcerogenicity studies. *J of Chem. Res.*, Volume 40, Number 3, March 2016, pp. 127-191

### 2015

- ✓ Prevalence of HCV among Drug Addicts in Lahore and its Peripheries. *International Journal of Phytomedicine*, 7(3) (2015), 337-342.

### 2014

- ✓ Phytochemical and *in-vitro* antioxidant evaluation of different fractions of *Amaranthus graecizans* subsp. *silvestris* (Vill.) Brenan. *Asian Pacific journal of tropical medicine* 7 (2014): S342-S347.
- ✓ Evaluation of two Bryophytes (*Funaria hygrometrica* and *Polytricum commune*) as a source of Natural Antioxidant. *Asian J. Chem.* Vol. 26 No. 14(2014). 4339-4343
- ✓ Pharmacognostic studies of stem, roots and leaves of *Malva parviflora* L. *Asian Pac J Trop Biomed* 2014; 4(5): 410-415

- ✓ Estimation of antioxidant power in various extracts of *Euphorbia helioscopia* L. with five different in-vitro antioxidant models

*Asian J. Chem.* / 2014 / 26(4) /pp 1241-1245

## 2013

- ✓ Development and validation of RP-HPLC method for determination of famotidine and its application in quality control of different pharmaceutical dosage forms.

*J. Chem. Soc. Pak.*, Vol. 35, No.3, 2013

- ✓ Ethnobotanical studies on some wild plants of head Qadirabad and adjoining areas, Pakistan

*International Journal of Phytomedicine* 5 (3) 378-377 [2013]

- ✓ Application of glucose oxidase for the production of metal gluconates by fermentation

*African Journal of Biotechnology* 12.48 (Nov 27, 2013): 6766-6775.

- ✓ Antioxidant and Phenolic Content Estimations of Different Fractions of *Lathyrus aphaca* (Leguminosae) Supported by Phytochemical Testing

*IJAPR* /July 2013/ Vol. 4 /Issue.7 / 2024 – 2031

## 2012

- ✓ Identification and counter-irritant potential evaluations of crude extract of *Malva parviflora* L. by WHO recommended methods.

*PJPS* Vol.25, No. 3, July 2012

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## SEMINAR AND CONFERENCES ATTENDED

(26 April 2014) 1<sup>st</sup> International Conference on health quality and advancement in pharmacy

Federal Urdu University, Karachi

(6-8 September 2012) International conference on research methodology New Trends and Integrative Approach from bench to bedside

University College of Pharmacy, University of the Punjab, Lahore

(28-1st May 2011) 16<sup>th</sup> International Pharmacy Conference and Exhibition  
(*Pearl Continental, Lahore*).

1<sup>st</sup> National Seminar on Use of Animals in Science Ethical and

Practical Considerations.

(20-23 March 2008) International Pharmacy Conference and Exhibition  
(*Pearl Continental, Lahore*).

(20-23 March 2003) International Pharmacy Conference and Exhibition  
(*Pearl Continental, Lahore*).

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## **ORAL PRESENTATION**

- ✓ Phytochemical and *in-vitro* antioxidant evaluation of different fractions of *Amaranthus graecizans* subsp. *silvestris* (Vill.) Brenan.

1<sup>st</sup> International Conference on health quality and advancement in pharmacy  
Federal Urdu University, Karachi

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## **TRAININGS**

(2-4 April 2013) 3 days National training course on handling and use of Laboratory animals for biotechnology and biomedical research at NIBGE Faisalabad.

(25-28 Jan 2010) 4 day training course on Herbal Pharma Technology (PCSIR, Lhr)

Feb 2004- Mar 2004 One month internship (Fazal Din Pharmacy Lahore).

Feb 2003-Mar 2003 One month internship (Highnoon Laboratories LTD Lahore).

Jun 2002-Jul 2002 One month internship as hospital pharmacist (CMH Sargodha).

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## **COMPUTER SKILLS**

MS OFFICE Suite, Internet browsing, Hand on experience of using SPSS and Endnote, Hand on experience of using Turnitin plagiarism checking online system

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## **TECHNICAL SKILLS**

- ✓ HPLC, FTIR, UV-VIS. Spectrophotometer
- ✓ New method development.

- ✓ Purchasing of Quality Control equipment.
  - ✓ Dissolution tester, disintegration tester, Viscometer, Polarimeter, Tablets Hardness Tester, Friability Tester, pH meters, Conductivity meter, Melting Point apparatus.
  - ✓ Experience in pharmacognostic evaluations of crude drugs
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## **PERSONAL INFORMATION**

Full Name: Saiqa Ishtiaq  
Father's Name: Syed Ishtiaq Hussain  
Gender: Female  
Date of Birth: 28-01-1979  
Marital Status: Married  
Nationality: Pakistani