

HumeraKhatoon

Curriculum Vitae

PRESENT STATUS

Assistant Professor

Department of Pharmacology, Faculty of Pharmacy

Jinnah University for Women Karachi, Pakistan

PERSONAL INFORMATION

Office Address:Department of Pharmacology, Faculty of
Pharmacy, Jinnah University for Women,
5-C Nazimabad, Karachi-74600, Pakistan.

EDUCATION

Degree/Certificate	Year	Division/Grade	Board/University
Ph.D (Pharmacology)	2016	3.8 CGPR	University of Karachi
M.S. (Pharmacology)	2011	3.4 CGPR	University of Karachi
B-Pharmacy	1993	3.5 CGPR	University of Karachi
H.S.C (Higher Secondary School Certificate)	1987	1 st Div/B Grade	Hyderabad Board
S.S.C (Secondary School Certificate)	1985	1 st Div/A Grade	Hyderabad Board

PROFESSIONAL QUALIFICATION

Degree	Year of Passing/Status	Division	Board/University
Master of Business Administration (MBA)	1999	1 st Div	University of Sindh, Jamshoro

PROFESSIONAL WORK EXPERIENCE

Name of Organization	Designation	Period	Duration
M/S. Aga Khan Maternal & Child Care Center, Hyderabad	Pharmacist/Pharmacy Incharge	May 1994 to December 1998	4 years 6 months
M/S. Chiniot General Hospital, Karachi	Manager Pharmacy plus Purchase & Stores	July 1999 to November 2000	1 ½ years
M/S. AMZ Access (Pvt) Ltd.	Medical Transcriptionist/Quality Controller	April 2004 to June 2006	2 years

ACADEMIC EXPERIENCE

TEACHING

- **Assistant Professor**, Faculty of Pharmacy, Jinnah University for Women, Karachi since January, 2007.

EXAMINER for M.Phil

1. External examiner to conduct viva voce examination of M.Phil Pharmacology in the Dept. of Pharmacology, University of Karachi, 2017.
2. External examiner to conduct viva voce examination of M.Phil Pharmacology at Baqai Institute of Pharmaceutics, Baqai Medical University, Karachi, 2017.
3. External examiner to conduct viva voce examination of M.Phil Pharmacology in the Dept. of Pharmacology, Hamdard University, Karachi, 2016.

EXAMINER for Pharm-D

1. External examiner to conduct Viva and Practical examination of Clinical Pharmacy for Pharm-D fourth professional in Dow College of Pharmacy, DUHS, Karachi, 2010.
2. External examiner to conduct Viva and Practical examination of fourth professional Pharm-D in Dow College of Pharmacy, DUHS, Karachi, 2012.
3. External examiner for Pharm. D fourth professional Viva and Practical examination of Clinical Pharmacy in Baqai Institute of Pharmaceutical Sciences, Baqai Medical University, Karachi, 2014.
4. External examiner for Pharm. D fourth professional Viva and Practical examination of Pharmacology and Therapeutics in Jinnah Sind Medical University, Karachi, 2017.

Teaching Responsibilities

Have been conducting following theory and lab courses of Pharm-D students since 2007:

- Clinical Pharmacy
- Clinical pharmacology
- Systemic Pharmacology
- CVS pharmacology
- Toxicology
- Physiology
- Biochemistry
- Pharmaceutical Management and Marketing.

POSTGRADUATE TEACHING EXPERIENCE

- Teaching to M.phil students advanced courses of pharmacology, toxicology and therapeutics, preparing them to work in clinical setting since 2014.
- Research guidance to M.Phil students since 2014.

AREAS OF INTEREST

- Pharmacology and Toxicology of drugs, herbs and natural products.
- Pharmacology and toxicology of antidiabetics in animal model of diabetes.
- Interested in exploring therapeutic potential and scientific scrutiny of the claimed effects of herbs, folk remedies and home therapies in animal disease model of neurobehavioral and neurodegenerative diseases, metabolic syndrome etc.

RESEARCH GUIDANCE

List of M.Phil Students Enrolled under my Supervision:

S#	Students Enrolled	Synopsis Title	Status	My Status
1	Ghazal Fatima	Comparative Efficacy of Selected Combinations of Antihypertensive Drugs	Degree Awarded (2016)	Co-Supervisor
2	Maria Ayub	Evaluation of Efficacy and Susceptibility of Antimicrobial Treatment against Methicillin-Resistant Staphylococcus aureus	Degree Awarded (2017)	Co-Supervisor
3	Samreen Aziz	Evaluation of Pharmacological Profile of Trachyspermum ammi (L.) in Experimental animals	Thesis write-up (enrolled in 2015)	Co-Supervisor
4	Nimra Mehwish	Evaluation of Pharmacological Activities and Therapeutic Potential of Piper nigrum (black Pepper) in lower Mammals	Thesis submitted (enrolled in 2015)	Co-Supervisor
5	Mehreen Muzammil	Antimicrobial Study of Embeliaribes against Resistant Microorganisms	Thesis write-up (enrolled in 2016)	Co-Supervisor
6	Hira Raees	Evaluation of Pharmacological Activities of <i>Cucurbita mochata</i> in Animal Model	Thesis write-up (enrolled in 2017)	Supervisor
7	Kiran Saeed	Evaluation of Acute Oral Toxicity and Therapeutic Potential of Polyherbal Extract in Ulcer-induced Experimental Model	Thesis write-up (enrolled in 2017)	Supervisor

Accepted Publications:

1. **Humera Khatoon**, Mehreen Muzammil, Sana Sarfaraz, Subia Jamil, HumeraAnser. Serotonin Syndrome and Concomitant Use of Tramadol and Metoclopramide: A Potential Cause. Rawal Medical Journal. **MS ID#:RMJ-2018-03-124. Accepted on July 2018.HEC Recognized Journal.**
2. **Humera Khatoon**, Rahila Ikram, Ghulam Abbas. Neuropharmacological Effects of Camel Milk Related to Modulation of Biogenic Amines in Experimental Animals. Pakistan Journal of Pharmaceutical Sciences. **MS ID#:6084. Accepted, June 2018.**
3. Raana Mahmood, Rahila Najam, Ghazala H. Rizwani, **Humera Khatoon**. Comparison of Neuropharmacological Activities of Methanolic Extracts of *Cuminumnigrum* (linn.) and *Centratherrumanthelminticum* (linn.) in mice. Pakistan Journal of Pharmaceutical Sciences. **MS ID#:5968. Accepted July, 2018**

Articles published in refereed journals:

4. Humera Anser, **Humera Khatoon**, Saira Saeed Khan, Shahlla Imam, Amber Hassan. "A review on Global Distribution of Primary Amoebic Meningoencephalitis (PAM) Caused by NaegleriaFowleri-The Brain Eating Amoeba". RADS Journal of Pharmacy and Pharmaceutical Sciences, 2018; 6(1): 95-99. ISSN (P): 2521-8514, ISSN (Online): 2521-8484. **HEC Recognized Journal.**
5. Huma Dilshad, Safila Naveed, RohinaAnis, Fatima Qamar, **Humera Khatoon**, Mehwish Khan ,Faiza Nasir & Qurat-Ul-Ain Ifftikhar."Comparative Evaluation of Different Brands of Domperidone 10 mg Tablet Available in the Market". Lat. Am. J. Pharm. 37 (2): 271-7 (2018). P- ISSN 0326 2383, Online-ISSN 2362-3853. **Thomson Reuters Indexed (JCR). Impact Factor 0.37.**
6. HumeraAnser, RahilaNajam, Saira Saeed Khan, **Humera Khatoon**."Evaluation of Anxiolytic Activity of Homeopathic Remedy *Argentum nitricum* of 30c Potency After Chronic Administration in Rodents'. International Journal of Pharmaceutical Sciences and Research,2018; Vol. 9(9): 3908-3913. E-ISSN: 0975-8232; P-ISSN: 2320-5148. **Indexed in Thomson Reuters ISI Master Journal List.**
7. Subia Jamil, Sakina Fatima, Huma Dilshad, **Humera Khatoon** and Natasha Jawed." Comparative effects of hormonal and non-hormonal contraceptives onfasting blood sugar levels."International Journal of Pharmaceutical Sciences and Research,2017; Vol. 8(7): 1000-05. E-ISSN: 0975-8232; P-ISSN: 2320-5148. **Indexed in Thomson ReutersISI Master Journal List.**
8. **Humera Khatoon**, Rahela Najam, Talat Mirza and Bushra Sikandar." Beneficial anti-Parkinson effects of camel milk in Chlorpromazine-induced

- animal model: Behavioural and histopathological study”. Pak. J. Pharm. Sci., 2016; 29 (5): 1525-1529. ISSN: 1011-601X. **Thomson Reuters Indexed(JCR)**. Impact Factor **0.68**.
9. Huma Dilshad, Rabia Ismail Yousuf, Mohammad Harris Shoaib, Subia Jamil, **Humera Khatoon**. “Cardiovascular Disease Risk Associated With the Long-term Use of Depot Medroxyprogesterone Acetate.”American Journal of Medical Sciences 2016; 352(5): 487-492.ISSN: 0002-9629. DOI: <http://dx.doi.org/10.1016/j.amjms.2016.08.007>. **Thomson Reuters Indexed (JCR)**. Impact Factor **1.57**.
 10. Raana Mahmood, Rahila Najam, Ghazala H. Rizwani and **Humera Khatoon**. “Evaluation of neuropharmacological activity of *Cardiospermumhalicacabum (linn)* leaf extract”. World Journal of Pharmacy and Pharmaceutical Sciences, 2016; 5(3): 896-906. ISSN: 2278-4357. **Indexed in Ulrich’s Periodicals Directory, ProQuest. UK**.
 11. **Humera Khatoon**, Rahila Najam, Talat Mirza, Bushra Sikandar, Humera Ishaq, Humera Anser. “Evaluation of anticonvulsant and neuroprotective effects of camel milk in strychnine-induced seizuremodel.”Asian Pac J Trop Dis 2015; 5(10): 817-820. ISSN: 1995-7645. **Indexed in Thomson ReutersISI Master Journal List**.
 12. **Humera Khatoon**, Sobia Javed, Sidra Jilani, Quratul Ain Shams “To determine the concern of females of Karachi towards their bone health.”J App Pharm., 2015; 7(1): 26-39.ISSN: 1920-4159. **Indexed in Ulrich’s Periodicals Directory, ProQuest**.
 13. **Humera Khatoon**, Rahila Najam, Bushra Riaz“Effects of acarbose (with and without corn starch diet) and rosiglitazone on kidney functions inalloxan-induced diabetic rats”. World J Pharm Sci, 2014; 2(7): 595-692 . ISSN: 2321-3310, ISSN (online): 2321-3086.Impact Factor **0.453**.
 14. **Humera Khatoon** ,Safila Naveed, Kiran Shahid. “Knowledge and Awareness Among Pharmacy Students About Angina Pectoris”.The Global Journal of Pharmaceutical Research(TGJPR), 31 June, 2014 ; 3(2):1926-34. ISSN: 2277-5439.
 15. **Humera Khatoon**, Hina Qamar, Wardha Jawaid, Urooj Bukhari and Yumna Javed. “Pharamcoeconomic of Antimalarial Drugs Available in Karachi, Pakistan”. Journal of Applied Pharmacy, 2014; 6(4): 411-415. ISSN: 1920-4159. **Indexed in Ulrich’s Periodicals Directory, ProQuest**.
 16. **Khatoon H.**, Zehra S., Ali Z.A. and Azhar S.“Prevalence of Benzodiazepines Use, With or Without Prescription in the City of Karachi”. World Research Journal of Applied Medicinal Chemistry, 2013; 2(01):045-047. ISSN: 2230-9314 & E-ISSN: 2230-9322, **Impact Factor Value (ICV) :6.83 (2012); 4.28 (2011)**. www.bioinfopublication.org.
 17. Bushra Riaz and **Humera Khatoon**. Evaluation of the use of cephalosporin antibiotics in pediatrics. J App Pharm Sci, 2013; 3 (04): 063-066.ISSN 2231-3354. DOI: 10.7324/JAPS.2013.3411. **Indexed in Ulrich's**

Periodicals Directory, Scimago Journal Ranking.

- 18. Khatoon Humera** and Najam Rahila.” Study on Efficacy of Acarbose (with and without Cornstarch Diet) in Comparison With Rosiglitazone in Diabetic Rats”.International Research Journal of Pharmacy (IRJP), 2013; 4 (02):067-070. ISSN: 2230-8407. **Indexed in Ulrich's Periodicals Directory.**
- 19. Humera Khatoon** and Rahila Najam. “Effects of Rosiglitazone and Acarbose(with and without Cornstarch Diet) on Serum Electrolytes in Diabetic Rats”. J App Pharm Sci. 2012; 2(9): 050-053.ISSN 2231-3354. DOI: 10.7324/JAPS.2012.2910. **Indexed in Ulrich's Periodicals Directory, Scimago Journal Ranking.**

Book Chapter:

- 1. Humera Khatoon,** Rahila Najam."Bioactive Components in Camel Milk: Their Nutritive Value and Therapeutic Application”. In. Nutrients in Dairy and Their Implications for Health and Disease, Ronald R. Watson, Robert J. Collier, and Victor R. Preedy, editors. June 2017. **Elsevier**, UK. Page 377-387.

POSTER PRESENTATION

1. ShariqaKhawaja, Syeda Aisha Shahid, **Humera Khatoon**. In World first ever Women Pharmacist Day; Celebration of Women Endowment, organized by NCPP (Nurturing Community Pharmacy in Pakistan) and Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan (19th September, 2016). **Postet Title:** “Life Doesn’t Stop For Diabetes; Community Pharmacist Can Provide Support, Advice and Information”.
2. ShaheenKausar, Sidra Farooq, **Humera Khatoon**. In World first ever Women Pharmacist Day; Celebration of Women Endowment, organized by NCPP (Nurturing Community Pharmacy in Pakistan) and Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan (19thSeptember, 2016). **Postet Title:** “Community pharmacist: A leading role in ADR-related patient non-adherence to drug therapy”.
3. **HumeraKhatoon**and RahilaNajam. “In 5th International Symposium-cum-Training Course on Molecular Medicine and Drug Research, organized by the Dr. Panjwani Center for Molecular Medicine and Drug Research (International Center for Chemical and Biological Sciences), University of Karachi.January 12-15, 2015. **Poster Title:**“Effect of cornstarch diet on acarbose-induced hepatotoxicity compared with rosiglitazone in alloxan-induced diabetic rats”.
4. **Humera Khatoon,** SobiaJaved, Sidra Jilani, QuratulAin Shams. In International Pharmacy Coference on Emerging Fields of Pharmacyorganized by Ziauddin College of Pharmacy, Ziauddin University, Karachi, Pakistan. (19th21 September, 2014). **Poster Title:**“To

determine the concern of females of Karachi towards their bone health.”

5. **Humera Khatoon**, Sania Zehra, Zohra Barkat Ali, Sana Azhar 2013. In 2nd National Conference on Pharmacy Research. Organized by Dow College of Pharmacy, DUHS, Ojha campus, Karachi, Pakistan. (7th September, 2013). **Poster Title:** Prevalence of benzodiazepines use, with or without prescription in the city of Karachi.
6. **Humera Khatoon** and Hina Qamar. 2013. One-Day Symposium, on International Day of Malaria titled “Malaria Awareness in Pakistan”. Organized by Federal Urdu University, Karachi, Pakistan. (25th April 2013). **Poster Title:** High-priced effective antimalarial drug therapy is the barrier to access prompt and competent malaria treatment in Karachi prevailing to severe manifestations.
7. Bushra Riaz and **Humera Khatoon**. 2012. 1st National Conference on “Pharmacy Profession- A Success Tool For Health Care System.” Organized by Dow University of Health Sciences, Karachi, Pakistan. (May 2nd – 3rd 2012). **Poster Title:** Evaluation of the use of cephalosporin antibiotics in pediatrics.
8. Bushra Riaz and **Humera Khatoon**. 2012. 1st National Conference on “Pharmacy Profession- A Success Tool For Health Care System.” Organized by Dow University of Health Sciences, Karachi, Pakistan. (May 2nd – 3rd 2012). **Poster Title:** Evaluation of drug dosage adjustment in renal compromised patients.
9. **Humera Khatoon** and Bushra Riaz. 2012. 1st National Conference on “Pharmacy Profession- A Success Tool For Health Care System.” Organized by Dow University of Health Sciences, Karachi, Pakistan. (May 2nd – 3rd 2012). **Poster Title:** The incidence of prescribing errors in hospital and role of pharmacists in minimizing them.
10. **Humera Khatoon** and Rahila Najam. 2012. “Pharmacist: A need of Health Care System”. In the Symposium organized by Ziauddin College of Pharmacy, Ziauddin University, Karachi, Pakistan. (28th April, 2012). **Poster Title:** Effects of Rosiglitazone and Acarbose (with and without Cornstarch Diet) on Serum Electrolytes in Diabetic Rats.

CONFERENCE & SEMINAR

1. Seminars organized by Pharma Professional Services during 24-26 April, 2007 at Pak Pharma Expo 2007, Expo Centre Karachi, Pakistan.
2. Seminar on “Menstrual Pain & its Management” organized by Efroze Chemical Industries in collaboration with Jinnah University for Women, Karachi (13th February, 2010).

3. Seminar on “Fundamentals of GMP and Future expectations of Industry” organized by Ingrope Information Services. (21st October, 2010).
4. One-day Seminar on” Pharmacy Profession- A tool to enhance Patient Care” organized by Faculty of Pharmacy, University of Karachi in collaboration with Cando Consultancy & Training Services in 2011.
5. Seminar on “Aware & Promote Adolescent & Youth Sexual & Reproductive Health” organized by Sports & Youth Affairs Department, Government of Sindh in collaboration with United Nations Population Fund (UNFPA) in 2011.
6. Seminar on “The Concept of Modern Pharmacy” organized by Baqai Institute of Pharmaceutical Sciences, Baqai Medical University, Karachi, Pakistan. (30th November, 2011).
7. Seminar on “Pharmacy, A Unique Profession. Role of Community Pharmacy in Pakistan. Impact of Clinical Pharmacist in Changing Health Care System” organized by Faculty of Pharmacy, Hamdard University. (29th February, 2012).
8. Symposium on “Pharmacist: A need of Health Care System” organized by Ziauddin College of Pharmacy, Ziauddin University, Karachi, Pakistan. (28th April, 2012).
9. 2nd National Conference on Pharmacy Research. Organized by Dow College of Pharmacy, DUHS, Ojha campus, Karachi, Pakistan. (7thSeptember, 2013).
10. One-Day Symposium, on International Day of Malaria titled “Malaria Awareness in Pakistan”. Organized by Federal Urdu University, Karachi, Pakistan. (25th April 2013).
11. One-Day Seminar on Academic Integrity and Plagiarism. Organized by Karachi University Teachers’ Society (12th February 2014).
12. Symposium on “Extended Role of Pharmacist in Patient care” organized by faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan (17th October, 2015).
13. One-day seminar on “Community Pharmacy, A dignified profession yet deserted in Pakistan” on World first ever Women Pharmacist Day; Celebration of Women Endowment, organized by NCPP (Nurturing Community Pharmacy in Pakistan) and Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan (19th September, 2016).
14. Two-days conference on “ Exploring the Innovations in Pharmacy Practice for Better Tomorrow” organized by Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan (16thand 17th March, 2017).

TRAINING COURSE & WORKSHOP

1. Seminar on “Training of SPSS Software & its use in Research Data

- Analysis” awarding two credit hours conducted at Jinnah University for Women, Karachi, Pakistan. (24th May, 2011).
2. One-Day Workshop on “Research Methodology” organized by Universal Research Group (URG), Karachi, Pakistan. (November, 2011).
 3. Training Workshop on “Hospital Pharmacy” organized by Hussainz, Pakistan. (26th May, 2012).
 4. Short Course on Data Analysis Tools. Organized by Faculty of Pharmacy, Jinnah University for Women, Karachi (2014).
 5. 5th International Symposium-cum-Training Course on Molecular Medicine and Drug Research, organized by the Dr. Panjwani Center for Molecular Medicine and Drug Research (International Center for Chemical and Biological Sciences), University of Karachi. January 12-15, 2015.
 6. One-day Workshop on “Use of PowerLab in Pharmacy Teaching and Research” conducted at Faculty of Pharmacy, Jinnah University for Women, Karachi, Pakistan (04th June, 2016).
 7. One-day Workshop on “ Workshop for Community Pharmacy Practices” organized by NCPP (Nurturing Community Pharmacy in Pakistan) at Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi, Pakistan (19th January, 2017).
 8. One-day training workshop on “ Elements of Research Design” organized by Department of Economics, Jinnah University for Women, Karachi, Pakistan (08th September, 2017).