

ZUL KAMAL (M.Phil, Pharm-D)

PhD Scholar in Dr.Qiu Lab of Pharmaceutics (In Progress), School of Pharmacy,
Shanghai Jiao Tong University, China

E-mail: zul_kamal2002@yahoo.com / xulkamal@sbbu.edu.pk

Skype ID: [zul.kamal4](https://www.skype.com/user/zul.kamal4) WeChat ID: ZulKamal2017



PERSONAL DETAIL

Name	ZUL KAMAL
Postal Address	School of Pharmacy, Shanghai Jiao Tong University, Shanghai, China
Permanent address	Village & P.O; Mayar Jandool, District; Dir Lower, Tehsil; Sammarbagh, Khyber Pukhtunkhwa, Pakistan
Phone	00 92 300 9594595 0086 13262520471 (China)
Date of Birth	March 1 st , 1985
Passport	AD4201502
Nationality	Pakistan
Gender	Male
Language Known	English, PashtoUrdu, Hindi, Chinese

EDUCATIONAL QUALIFICATION

Course/Degree	Qualifying Year	College/University	Class	Specialization
PhD (4 Years)	In progress	School of Pharmacy, Shanghai Jiao Tong University, China	Result awaited	Pharmaceutics
M.Phil (2 Years)	2014	University of Malakand	*3.73/4 CGPA 89.4%	Pharmaceutical Sciences
Pharm-D (5 Years)	2008	University of Malakand	First Class 72.35%	Doctor of Pharmacy
HSSC (2 Years)	2002	Islamia College Peshawar BISE-Peshawar	First Class 69.0%	Pre-Medical
SSC (2 Years)	2000	Scouts Public High School, Bajaur, BISE-Swat	First Class 71.17%	Science

* Securing highest CGPA in course work throughout the academic session 2012-2013 during M.Phil at Department of Pharmacy, University of Malakand.

WINING AWARDS

- Chinese Government Scholarship (CSC) for Doctoral Studies (2016-2020)

PROFESSIONAL REGISTRATION

- Registered Pharmacist with Pharmacy Council Khyber Pakhtunkhwa, Pakistan under the Registration No: 1391-A/2009-PC, KPK.
- Registered with Pakistan Pharmacist Association, Pakistan.

ACADEMIC PROJECTS

PhD Pharmaceutics/ Multifunctional Drug Delivery System, New Drug Development and Traditional Chinese Medicines (2016-2020, 4 Years)

In Progress

MS/MPhil Pharmaceutical Sciences Project, ((December 2013-2014) 01 Year Project).

- ❖ **“Preliminary Phytochemical Screenings and Pharmacological Activities of *Atriplex laciniata* (L.)”**

The aim of the project work was to explore the preliminary phytochemical screenings and pharmacological activities (antibacterial, antioxidants, cytotoxicity, phytotoxicity, anthelmintic, insecticidal, enzyme inhibition etc) of the *Atriplex laciniata* (L.), a salt bush species, found in Pakistan.

Pharm-D (Doctor of Pharmacy) Clinical Pharmacy Project (August 2007-2008, 2 month project)

- ❖ **“Rational Therapy for the Management of early Acute Myocardial Infarction”**

This project was carried out in the Medicine Department of Hayatabad Medical Complex, Peshawar, Pakistan. Various retrospective and prospective data like patient personal profile, medication history, medication management, patient compliance, patient education and counseling among myocardial infarction patients were recorded and then were evaluated for rational drug use in hospital.

TEACHING/RESERACH EXPERIENCES

Under BPS-18, Government Sectors including Academic Pharmacy)

- Currently; PhD Scholar in School of Pharmacy, Shanghai Jiao Tong University, Shanghai, China (Session 2016-2020)

RESEARCH EXPERIENCE: 6 months

- **Lecturer** in Department of Pharmacy, Shaheed Benazir Bhutto University, Sheringal; (now on study leave);

CONTRACT BASE: December 07, 2009 - March 01, 2011 (16 Months)

REGULAR BASE: March 01, 2011 till September 1, 2016 (6 Years 3 Months)

- Remained **Lecturer** at the Department of Pharmacy, University of Malakand through the National Internship Program (NIP) from **February 08, 2008 -December 31, 2008 (11Months).**

TOTAL TEACHING/RESEARCH EXPERIENCE= 8 Years, 6 Months

OTHER PROFESSIONAL EXPERIENCES

Private sectors including Production, Industrial Pharmacy, Community/Public health Pharmacy, Hospital and Clinical Pharmacy

1. Remained **Quality Control Analyst** there at **Raza Pharmaceuticals, Industrial Estate, Hayatabad, Peshawar, Since September 04, 2009 till to November 30, 2009 (03 months)**.
2. Work as a **Production Pharmacist** there at **Welwrd Pharmaceutical, Hattar, Haripur since June 08 till to August 30, 2009 (03 months)**.
3. Got an Industrial Internship Training at **Medicraft Pharmaceuticals (Pvt) Ltd, Hayatabad, from January 01, 2009 till to March 05, 2009 (01 month and 06 days)**.
4. Two months Clinical Pharmacy Clerkship/Internship at **Hayatabad Medical Complex, Peshawar, Specially works in Cardiology Ward and ICU from March 03, 2008 till to June 03, 2008 (02 months)**.
5. Voluntarily remained Community Awareness Mobilizer of **UNICEF and Mobile Immunization and Healthcare Organization (MIHO)**, Dir Lower, contributed efforts to Polio eradication activities and community awareness about Immunization at District level from **May 10, 2007 till to November 19, 2007 (07 months)**.
6. **NON TEACHING PROFESSIONAL EXPERIENCES= 01 Year and 04 Months**

TOTAL PROFESSIONAL EXPERIENCE

9 Years

TRAINING AND WORKSHOP ATTENDED

1. Participate in a three days cascading on **“APM and Projects Development** organized by Shaheed Benazir Bhutto university in coordination with Higher Education Commission **(June, 2014)**.
2. Participated in **“Project Formulation Workshop”** organized by Pakistan Science Foundation (PSF), Islamabad in Shaheed Benazir Bhutto University **(June, 2014)**.
3. Organized a workshop on **“Ensuring Training Effectiveness”** sponsored by Learning Innovation Division, HEC, Islamabad and organized at Wari Campus of SBBU **(August 2013)**.
4. Attend a three days cascading workshop on **“Ensuring Training Effectiveness** sponsored by Learning Innovation Division, HEC, Islamabad and organized by SBBU **(March, 2013)**.
5. Attend a one week workshop on **“Research Methodology and Skilled Development** held in SBBU, organized by English Language Teaching Reforms, Phase II, Learning Innovation Division, HEC Islamabad **(July, 2012)**.
6. Participated in a two days workshop of **“Master Trainers Faculty Program”** organized by Quality Enhancement Cell of SBBU, sponsored by HEC, Islamabad, Pakistan **(March, 2012)**.

TECHNICAL SKILLS

COMPUTER SKILLS: Chem-Draw Software, MS-Office, Microsoft Window, Power Point, U-Lead, Internet Surfing, Digital Story Writing, Software Utilizations etc.

STATISTICAL SKILLS: can utilized Graph Pad Prism, SPSS, EndNote etc to analyzed and evaluate

various statistical results and descriptions.

PAINTING AND ARCHETACURING SKILLS: Got second position in the painting and art competitions, organized by Khyber Debating and Art Society, Islamia College, Peshawar in 2002. These skills may help in illustrations and demonstrations of diagrams and sketches.

CURRECULAR ACTIVITIES

1. Member of Examining/Recommending **Handicapped Students** (April, 2016).
2. Monitoring and **Supervising the Basic Health Unit**, SBBU (December 2015 till June 2016)
3. Sectary of the Departmental Inventory Control Committee (2015 till date).
4. Member of the Departmental Examination Coordination (2015 till date).
5. Member of the Shaheed Benazir Bhutto University (SBBU) **Senate** for a period of 03 years (April, 2014).
6. Remained member of the **Board of Studies** for three years from 2011-2013.
7. Member of the "**Student Career Committee**", **Counseling** SBBU (2014 till date).
8. Supervising **Clinical Pharmacy** Internship based Projects at under grade level (2015 onward).
9. Remained member of the **Staff Proctorial** Board (2010-2013).
10. Member of the **Program Team** of the Quality Enhancement Cell, SBBU (2012 till date).
11. Member of the **HEC Need Based Scholarship Program**, SBBU (2014 till date).
12. Incharge of the **Basic Medical Science Laboratory (Pharmacology & Therapeutics, Human Anatomy, Human Physiology and Histology)**, Department of Pharmacy, SBBU (2013 till date).

CO-CURRECULAR ACTIVITIES

1. Member of the University Sports Committee under the directives of Directorate of Sports (SBBU).
2. Chief Organizer of **Creative Art and Heritage Society**, SBBU.
3. Remained the Chief Coordinator of **Social Welfare and Health Society (SWAHS)**, working on First Aid Management, Social Mobilization, Health Hygiene, Blood Camps, Epilepsy Awareness, and Health Awareness at SBBU.
4. Nominated as **Ambassador of Purple**, for Dir/Sheringal region by International Epilepsy Association, Nova Scotia, Canada, promoting awareness about Epilepsy.
5. **Sports Coordinator** of the Department of Pharmacy, SBBU.
6. Representing the **Faculty Badminton, Football and Cricket** team

PUBLICATIONS

PUBLISHED:

1. **Kamal Z**, Midrarullah, S Ahmad, Farhat U, Abdul S, M Ayaz, A Zeb and M Imran· Ex-Vivo Antibacterial, Phytotoxic and Cytotoxic, Potential in the crude Natural Phytoconstituents of *Rumex hastatus* d. don, 2015 (SI), 293-299, ***Pakistan Journal of Botany* (IF=0.882, ISSN 2070-3368)**.
2. Babar Ayub, Abidullah, **Zul Kamal**, Aslam Khan, Shujat Ahmed, Shafiq ur Rahman, Nasir Ayub: Cost Comparison Study between a Private Sector and a Public Sector Hospital in Peshawar, Khyber Pakhtunkhwa, Pakistan for Myocardial Infarction Patients. 2015, 7 (2): 60-63, ***Journal of Khyber Medical University* (Indexed in WHO Index Medicus and Index Copernicus, IF=0.00, ISSN: 2305-2651)**.

3. F. U. Rahman¹, F. Perveen, T. Rauf, M. Salim, Z. Ali, S. Khan and **Z. Kamal** "Habitat Analysis Of *Scotophilus Heathii* Horsfield, 1831 In Northwestern Parts Of Pakistan" *The Journal of Animal & Plant Sciences*, 2015, 25 (3 Supp. 2) 731-734 **(0.4 IF)**
4. F. U. Rahman¹, F. Perveen, T. Rauf, M. Salim, S. Khan⁴, H. Ullah, A. Ullah, **Z. Kamal** and Z. Ali "Occurrence Of *Rhinopoma Microphyllum* (Brunnich, 1782) In Khyberpakhtoonkhawa, Pakistan" *The Journal of Animal & Plant Sciences*, 2015, 25 (3 Supp. 2) 450-453 **(0.4 IF)**
5. **Kamal Z**, Ullah F, Ahmad S, Ayaz M, Sadiq A, Imran M, Zeb A, Hussain A.: Anticholinesterse and antioxidant investigations of crude extracts, subsequent fractions, saponins and flavonoids of *Atriplex laciniata* L.: Potential effectiveness in Alzheimer's and other neurological disorders, 2015, 48:21, *Biological Research* (IF= 1.48, ISSN: 0717-6287)
6. Ayaz M, Junaid M, Suhan F, Ullah F, Sadiq A, Ahmad S, Imran M, **Kamal Z**, Hussain S, Shah SM: Heavy metal analysis, phytochemical, phytotoxic and anthelmintic investigation of crude methanolic extract, subsequent fractions and crude saponins from *Polygonum hydropiper* L., 2014, 14 (1): 465, *BMC complementary and alternative medicine* (IF= 2.02, ISSN: 1472-6882)
7. Imran M, Ullah F, Sadiq A, Ayaz M, Ahmad S, **Kamal Z**, Zeb A: Investigation of total phenolic contents, antibacterial, antifungal and anthelmintic potentials of crude methanolic extract, subsequent fractions and crude saponins of *Nonea micrantha* boiss. & reut., 2014, 14 (3): 26-31, *Pharmacologyonline* (IF= 0.16, ISSN:1827-8620)

CONFERENCE PAPER/SYMPOSIUMS ATTENDED

1. Present "Drug Prescribing Pattern, Prescription Errors and Polypharmacy; A Prospective Cohort Study in Outpatients of a Tertiary Care Private Sector Hospital in Peshawar, Pakistan" in the 1st International Conference on Recent Innovations in Pharmaceutical Science (3-5 March, 2015), arranged by RIPAH Institute of Pharmaceutical Sciences, Islamabad.
2. Participated in the First National Symposium on "Old Plants, New Remedies" organized by the Department of Pharmacy, University Of Malakand (August, 2008).
3. Participated in the National Pharmacy Workshop 2007 on the "Current and Futuristic Vision of Pharmacy" arranged by the Department Of Pharmacy, University Of Peshawar held at Baragali Summer Campus, Abbotabad (August, 2007).

RESEARCH SKILLS & PROFICIENCY

1. Cell Line Culture, Western Blot, Extrusion, Nanoparticles Preparation, Confocal Microscopy, Dynamic Light Scattering technique, Transmission Electron Microscopy, HPLC,
2. Power Lab, Kymograph, Tissue Organ Bath, UV Spectrophotometer, Rotary Evaporator, Thin layer Chromatography.
3. Animal behavioral testing (neuropharmacological studies) like morris water maze test, elevated plus maze test, open field test, fear conditioning, contextual memory, fear extinction, social preference test and nesting behavior. Also can perform histological studies like tissue perfusion, sectioning and staining. Gastro and Hepato Protective activities etc.
4. High throughput biological screenings of natural products from collection to drying, extractions to fractionations, isolation to purifications and then their basic pharmacological and biological

activities like antibacterial, antifungal, antioxidants (DPPH, H₂O₂, ABTS free radical scavenging), cytotoxicities (potato disc anti tumor, brine shrimps, angiogenesis and anti- angiogenesis), Enzyme inhibitions (acetyl cholinesterase's and butyrl cholinesterase's etc), anthelmintic, insecticidals etc.

5. Can utilize statistical skills and software like Graph Pad Prism, SPSS, Statistics Software, Excel etc to analyzed and evaluate various statistical results and descriptions. Can also use Endnote for Bibliography and Literature Review.
6. Pharmacy practices research skill like drug prescription patterns, pharmacoeconomic evaluation, polypharmacy, rational and irrational use, medication management, self medication, pharmaceutical care etc: also involved in supervision of students at undergrad level.

REFERENCES

Prof. Dr. Mengfeng Qiu

Professor

School pf Pharmacy, Shanghai Jiao Tong University, China

Email: mfqiu@sjtu.edu.cn

Dr. Jing Su

Associate Professor

School of Pharmacy, Shanghai Jiao Tong University, China

Email: jingsu@sjtu.edu.cn

Prof Dr. Muhammad Khurram

Associate Professor/Chairman

Department of Pharmacy, Shaheed Benazir Bhutto University

Email: drmkhurram@sbbu.edu.pk