

Prof. Gul Majid Khan, PhD

Head: Drug Delivery Research Group Faculty of Pharmacy
Editor-in-Chief: Research & Publication Cell Gomal University
Chief Editor: Gomal University Journal of Research
Dean: Faculty of Pharmacy, Gomal University,
Dera Ismail Khan, KPK , Pakistan

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SUMMARY

- > 26-years extensive Teaching, Research, Administrative (including experience as acting Vice Chancellor of Gomal University) & Editorial experience (With in the Country and abroad in several Western as well as Eastern Countries)
- Having earned B-Pharm, M-Phil (Pak) and PhD (China) degrees along with *Three Foreign Post Doctoral Fellowships*, one each from USM Malaysia, King's College London, and Strathclyde Glasgow, respectively.
- Obtained formal training in Educational Training & Management; Transformational Changes in Education in Pakistan; Project Monitoring & Evaluation Systems; Intellectual Property Rights-TRIPS Agreement; etc.; and Organized and/or participated in more than 30-National and International Congresses, Conferences, Workshop, Seminars, etc.
- Established Several Fully/Partially Sponsored International Linkages Programs with Universities in the East & West.
- Obtained Funds for several Developmental & Research Projects and donations from National as well as International Donor Agencies. Prepared & submitted several PC-1 Forms.
- Author of **Three Books** taught in almost all the Universities of Pakistan and **87 Research Papers** in Journals of International Repute/Int, Conferences; Recipient of several Awards.
- Established M-Phil & PhD Level Research Programs and developed Curricula.
- Extensive experience in designing, fabrication, formulation and evaluation of Controlled Release Drug Delivery Systems. Excellent knowledge of Targeted Drug Delivery e.g. Liposomes/ Transfersomes/ Niosomes/ Vesicles as Drug Carrier Systems
- Editor-in-Chief Research & Publication Cell GU; HEC Focal Person regarding Anti-Plagiarism Checks.
- Willingness to take on new and varied projects and an ability to handle challenging priorities and deadlines. Ability to work effectively as part of an organization, in a team environment or independently.
- Goal oriented and hard working individual determined to succeed.

BIODATA:

| | |
|------------------------|---|
| NAME | GUL MAJID KHAN |
| Father Name | Haji Zar Gul Khan |
| Designation | Professor/Senior Dean |
| Date of Birth | 18- 9 - 1961 |
| Domicile & Nationality | Bannu (KPK); Pakistani |
| Religion | Islam |
| Marital Status | Married |
| N.IC. No. | 12101-0906014-5 [155-61-207635] |
| Passport No. | BF4110141 |
| Postal Address: | Faculty of Pharmacy, Gomal University, Dera Ismail Khan, KPK, Pakistan |

ACADEMIC QUALIFICATIONS

PhD (*Pharmaceutics*); China Pharmaceutical University, Nanjing, China **1998**
(Thesis Title: *Design, Fabrication, Formulation & Evaluation of Controlled Release Solid Dosage Forms of Non-steroidal Anti-inflammatory Drugs*).

D.Pharm.Sci. (*Pharmaceutics*); China Pharmaceutical Univ., Nanjing, China **1995**
(*Advanced/ Clinical Pharmacokinetics (Bioavailability & Bioequivalence Studies) of Drug Formulations*).

M-Phil (*Pharmaceutics*); Gomal University, D.I. Khan, KPK, Pakistan: **1993**
(Thesis Title: *Role of Glutathione in the Modulation & Metabolism of Copper Complexes of Non-steroidal Anti-inflammatory Drugs in Aqueous and Lysate (RBCs) Fractions of Human Blood*).

B-Pharm. (*Pharmacy*); Gomal University, D.I. Khan, KPK, Pakistan: **1984**

POST DOCTORAL FELLOWSHIPS

S & T Post Doc Fellowship: School of Pharm. Sciences, USM, Malaysia **(2003).**
(*Bioavailability & Bioequivalence Studies of Selected Pharmaceuticals*)

HEC Post Doc Fellowship: Department of Pharmacy, King's College London **(2004).**
(*Liposomes & Trnasfersomes as Drug Delivery Systems for Topical Applications in the Treatment of Cutaneous Leishmaniasis*).

Commonwealth Post Doc Fellowship: School of Pharmaceutical Sciences, Strathclyde
University, Glasgow, Scotland **(2005).**
(*Dermal & Transdermal Drug Delivery Systems for Topical/ Cutaneous Applications*)

TEACHING/ RESEARCH EXPERIENCE:

Since August 22, 1984 to date at the,

**Department of Pharmaceutics, Faculty of Pharmacy, Gomal University,
Dera Ismail Khan (KPK), Pakistan**

PROFESSOR

04th Dec. 2008 to date

- Overall Administration as a Chairman of the Department/Dean of the Faculty
- Supervision of M-Phil & PhD Research Scholars
- Teaching courses in Pharmaceutics to M-Phil / PhD Pharmacy Students
- Expert/Reviewer of PhD & M-Phil Thesis of several Universities
- Teaching theory/practical in Biopharmaceutics/Pharmacokinetics to Pharm-D Students
- Teaching Clinical Pharmacy & monitoring Pharmacy Students in Pharmacy Practice Area
- Supervision & Execution of several Developmental & Research projects obtained by me
- Development of Curriculum for B-Pharmacy/Pharm-D Students, M-Phil & PhD Courses
- Editor-in-Chief Research & Publication Cell, Gomal University
- Chief Editor of the Gomal University Journal of Research
- Expert/Member Editorial/International Advisory Board of several Foreign Research Journals
- Coordinator & Focal Person for the USAID Program at Gomal University
- HEC Focal person for checking plagiarism cases of thesis, articles at Gomal University

ASSOCIATE PROFESSOR

16th Jan 2004 to 03rd Dec. 2008

- Teaching theory/practical in Biopharmaceutics/Pharmacokinetics to Pharmacy Students
- Teaching Clinical Pharmacy & monitoring Pharmacy Students in Pharmacy Practice Area
- Teaching courses in Pharmaceutics to M-Phil / PhD Pharmacy Students
- Supervision of M-Phil (Pharmacy) Research Scholars
- Supervision of PhD Research Scholars
- Supervision of several research projects obtained by my research group
- Development of Curriculum for B-Pharmacy / Pharm-D Students
- Overall Administration as a Chairman of the Department/Dean of the Faculty
- Chief Editor of the Gomal university Journal of Research
- Expert/Member Editorial/International Advisory Board of several Foreign Research Journals

ASSITANT PROFESSOR**08th Dec. 1993 to 15th Jan. 2004**

- Teaching theory/practical in Biopharmaceutics/Pharmacokinetics to Pharmacy Students
- Teaching Clinical Pharmacy & monitoring Pharmacy Students in Pharmacy Practice Area
- Teaching theory / practical in Industrial Pharmacy to Pharmacy Students
- Teaching courses in Pharmaceutics to M-Phil Pharmacy Students
- Supervision of M-Phil (Pharmacy) Research Scholars
- Supervision of PhD Research Scholars
- Supervision of several research projects obtained by my research group
- Development of Curriculum for Pharmacy Program

LECTURER**28th Jan. 1986 to 07th Dec. 1993**

- Teaching theory / practical in Physical Pharmacy to B-Pharmacy Students
- Teaching theory / practical in Pharmaceutical Preparations to B-Pharmacy Students
- Teaching the subject of Pharmaceutical Calculation to B-Pharmacy Students
- Teaching the subject of Pharmaceutical Jurisprudence to B-Pharmacy Students
- Conducting Research including, “the role of Glutathione in modulation / metabolism of copper complexes of NSAID-drugs

RESEARCH ASSISTANT**22nd Aug. 1984 to 28th Jan. 1986**

- Teaching theory / practical in Physical Pharmacy to B-Pharmacy Students
- Teaching theory / practical in Pharmaceutical Preparations to B-Pharmacy Students
- The role of glutathione in modulation / metabolism of copper complexes of NSAID-drugs
- Synthesis and evaluation of biological and pharmacological activities of some novel derivatives and copper (II) complexes of drugs.

AWARDS:

- Recipient of:**
- 1. HEC BEST UNIVERSITY TEACHER AWARD (2004)**
(with Rs: 100,000/- as Cash Prize)
 - 2. XVIth SOUTH ASIAN STAR LAUREATE AWARD (2005)**
- Nominated For:**
- 3. PRESIDENTIAL/CIVIL AWARD (2011)**

Research Publications [List attached]

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|--|-----------|
| Total No. of Research Papers | 87 |
| 1. Published in Internationally Abstracted HEC Recognized Journals including the <i>Foreign Journals with Impact Factor:</i> | 66 |
| 2. Invited Papers presented in Conferences/workshops | 21 |
| 3. Several Papers are under process. | |

BOOKS AUTHORED/ PUBLISHED

1. Biopharmaceutics: Text Book for Pharmacy Students & Working Pharmacists [ISBN 978-969-9101-00-7]
2. Text Book of Biopharmaceutics & Pharmacokinetics for Post Graduate Students [ISBN 978-969-9101-01-4]
3. Laboratory Manual of Biopharmaceutics [ISBN 978-969-9101-02-1]

INTERNATIONAL LINKAGES DEVELOPED/ ESTABLISHED

1. HEC-British Council Joint Link Program with Institute of Pharmaceutical Innovation, Bradford University, UK (<http://www.britishcouncil.org/pakistan-networks-hel-link.htm>). (UK Link Coordinator: Prof. Dr. J. Anwar and Prof. Dr Michael Bonner)
2. Department of Pharmaceutical Sciences, Strathclyde University, Glasgow (UK Link Coordinator: Dr. Victor Meidan)
3. Department of Pharmacy, King's College London (UK Link Coordinator: Prof. Dr. M. J. Lawrence)
4. College of Pharmacy, Chosun University, Seoseok-dong, Kwangju, South Korea (Link Coordinator Prof. Dr. Hoo-Kyun Choe)
5. School of Pharmaceutical Sciences, USM Malaysia (Link Coordinator Prof. Dr. Saringat Haji Bhai).

ADMINISTRATIVE ASSIGNMENTS/EXPERIENCE:

- Acting Vice Chancellor, Gomal University Since 2009 to date (In absence of VC)
- Dean: Faculty of Pharmacy, Gomal University 15th June 2007- to date
- Chairman, Department of Pharmaceutics 2004 to 2009
- HEC Anti-Plagiarism Focal Person 2009-to date
- Director/Coordinator Quality Enhancement Cell 2009
- Editor-in-Chief Research & Publication Cell 2007- to date
- Chief Editor, Gomal Univ. Journal of Research 2005 to date
- Chief Proctor, Gomal University, D. I. Khan 2003 to 2005
- Staff Proctor, Gomal University, D. I. Khan 1988-1994
- Warden / Assistant Warden, University Hostels 1988-1994
- Member Boards of Trustees Gomal University 2007-to date
- Member Academic Council Gomal University 2004-todate
- Member Syndicate Gomal University 2007; & then April 2009-To date
- Member Senate Gomal University 2007-to date
- Member BASR Gomal University 2007-to date
- Member Exam. Discipline Committee, GU 2007-2010
- Chairman Exam. Appellate Committee, GU 2010 – to date
- Member Admission Appellate Committee, GU 2007- 2010

Professional Training:

1. Production & Q.C Training: Boots Pharm. Company; Karachi, Pakistan; (1984).
2. Pre-Service Training (Diploma in Teaching & Research Methodology);
University Grants Commission (UGC), Islamabad, Pakistan; (1989).
3. In-Service Teacher Training; University Grants Commission, Islamabad (2001).
4. Three Post Doc Fellowships, one each from Malaysia, England & Scotland in 2003, 2004 & 2005, respectively.
5. Obtained formal training in Educational Training & Management; Transformational Changes in Education in Pakistan; Project Monitoring & Evaluation Systems; Intellectual Property Rights-TRIPS Agreement (During 2008-09)

RESEARCH FIELDS

1. Design, Fabrication, Formulation and Evaluation of Controlled-Release & Targeted Drug Delivery Systems;
2. Liposomes/Niosomes/ Tansfersomes/ Vesicles as Drug Delivery Systems.
3. Topical /Dermal / Transdermal Drug Delivery
4. Bio-availability & Bio-equivalence Studies on Drug Formulations
5. Investigating New Indigenous Natural Products for the Treatment of *Cutaneous Leishmaniasis* and other Tropical Skin Diseases
6. Antimicrobial Studies of Known Ethno-medicinal Plants.

ACCREDITED PhD SUPERVISOR:

In recognition of my teaching/research achievements, the Pakistan Council of Science and Technology (PCST) as well as the Higher Education Commission (HEC) of Pakistan have, separately, awarded me the status of 'Accredited PhD Supervisor' to supervise M-Phil & PhD level research projects.

Ph.D. & M-Phil RESEARCH THESIS SUPERVISED/ BEING SUPERVISED

| | |
|---|----|
| PhD Thesis Supervised: | 01 |
| PhD Thesis of HEC Indigenous Fellows Presently under Supervision: | 06 |
| PhD Thesis (<i>Conventional PhD Program</i>) Presently under Supervision: | 02 |
| M-Phil Thesis Supervised: | 12 |
| M-Phil Thesis Presently under Supervision: | 05 |
| PhD/M-Phil Thesis Reviewed/Evaluated: | 18 |

PhD Thesis Supervised

1. **Dr. Saifullah Khan Marwat:** *Investigation and Evaluation of Un-standardized Samples of Some Indigenous Natural Products for The Treatment of Cutaneous Leishmaniasis*

PhD Thesis of HEC Indigenous Fellows Presently under Supervision:

1. **Mr. Akhlaq Ahmad** (*Thesis Submitted*): *Design, Formulation and Evaluation of Matrix Tablets of Some NSIADs*
2. **Mr. Abdul Wahab** (*Thesis Submitted*): *Design, Formulation and Evaluation of Matrix Tablets of Selected Propionic Acid Derivatives.*
3. **Mr. Waqas Rabbani** (**3rd Year**): *Role of Pharmacists in Pharmaceutical Marketing in Pakistan*

4. **Mr. Asim ur Rehman (2nd Year):**
Preparation and Evaluation of Controlled Released Matrix Formulations using various Grades of Cellulose Acetate Ether Derivatives as Release Controlling Agents
5. **Mr. Kifayatullah Shah (2nd Year):**
Design, Preparation and evaluation of Controlled Release Polymeric Formulations- Investigating the Patterns and Mechanisms of Drug Release
6. **Mr. Abid Hussain (2nd Year):**
Controlled Release Transdermal Drug Delivery Systems of Selected Drugs-Studies on Preparation, Skin Permeation and Effect of Permeation Enhancers

PhD Thesis (Conventional PhD Program) Presently under Supervision:

1. **Mr. Sattar Bakhsh:** *Formulation and Evaluation of Once-a-Day Controlled Release Tablets*
2. **Syed Umer Jan (Thesis Submitted):** *Studies on the Pattern and Mechanisms of Drug Release from Controlled Release Polymeric Matrices: A Kinetic Approach*

M-Phil Thesis Supervised:

1. **Mr. Saifullah Khan Mehsood:** *Characterization and Evaluation of Some Natural Compound/Plants Against Leishmaniasis*
2. **Miss Abida Parveen:** *Investigatio of Antidiabetic and other Phytopharmacological Activities of Grewia asiatica.*
3. **Mr. Kamran Ahmad Khan:** *Formulation & In Vitro Evaluation of Directly Compressed Controlled Release Matrices*
4. **Mr. Usman Zafar Paracha:** *Bioequivalence Studies of Different Brands of Ciproflaxacin using Microbiological Assays.*
5. **Mr. Abdus Salam:** *In -Vitro Dissolution Studies of Different Brands of Film Coated Tablets of Ciprofloxacin*
6. **Mr. Awal Noor:** *Hypoglycemic Activity of Aloe vera barbidensis in Normal and Alloxan Induces Diabetic Rabbits.*
7. **Mr. Taj Muhammad:** *Therapeutic Radionuclides and their applications in Nuclear Medicines.*
8. **Mr. Aurang Zeb Khan:** *Formulation and Evaluation of Sustained Release Suppositories*
9. **Mr. Salim Khan:** *Evaluation of Efficacy and Therapeutic Effects of Different Brands of the 1st, 2nd and 3rd Generation of Cephalosporin Manufactured or Imported in Pakistan in Comparison to the Product from the Brand Leader.*

10. **Mr. Abdus Saboor Shah:** *Study on the Pharmacological Therapeutic Effects (Hypoglycemic and Hypolepemic) of Nigella sativa and Trigonella foenum.*
11. **Syed Azhar Hussain Sherazi:** *Incidents and Predictors of Bleeding in Acute Myocardial Infarction*
12. **Mr. Shafaatullah Shah:** *Role of Ethylcellulose Ether Derivatives in Controlling the Release of Selected Drugs from Polymeric Tablets.*
13. **Mr. Nauman Rahim:** *Formulation and Evaluation of Ibuprofen and Diclofenac diethylamine gels and patches for Transdermal Drug Delivery.*
14. **Mr. Adeel Raza:** (**Thesis Submitted**) *Effect of Calongi on Lipid Profiles in Human Beings in Accordance with Tib-e-nabvi.*
15. **Mr. Faisal Aziz Sandeela:** (**Thesis Submitted**): *Efficacy of Picrorhiza against Malaria caused by Plasmodium Falciperum & Plasmodium Vivax*
16. **Said Mustafa Ali Akbar:** (**Thesis Submitted**):

M-Phil Thesis Presently under Supervision:

1. **Mr. Ghulam Razzaq:** *Formulation and Evaluation of Sustained Release Tablet formulations*
2. **Mr. Jehan Zeb Khan:** *Course work completed Research work in Progress.*
3. **Mr. Naemur Rehman:** *Cultural Sensitivity of Antimicrobial Drugs used in U.T.I.*

PhD Thesis Evaluated as an Expert and Defense Conducted

1. *Development and Evaluation of Extended Release Matrix Tablets of Risperidone, Olanzapine and Prochlorperazine PhD Thesis submitted by Mr. Amir Badshah, Department of Pharmacy, University of Peshawar*
2. *Isolation, Modification, Characterization and Pharmacological Evaluation of Gellable Material from Ispaghula Husk. PhD Thesis submitted by Ms. Shazia Saghir Department of Chemistry, University of Sargodha.*
3. *Phytochemical, Pharmacognostic Pharmacological Investigation of Vitex agnus castus and Myrsine Africana PhD Thesis submitted by Sadiq Azam, Centre of Biotechnology & Microbiology, Peshawar University.*

M-Phil Thesis Evaluated as an Expert and Defense Conducted

1. *Development of Chlorpheniramine Maleate Tablets by Direct Compression Method submitted by Miss. Huma Ali (Faculty of Pharmacy, University of Karachi)*
2. *Effect of Superdisintegrators on the development of Ciprofloxacin Tablets submitted by Miss. Saba Aleem (Faculty of Pharmacy, University of Karachi).*
3. *Formulation Development Of Enteric Coated Flurbiprofen Tablets By Using Superdisintegrants Submitted by Miss Durriya Hashmat (Faculty of Pharmacy, University of Karachi).*

4. *Comparative Evaluation of In-Vitro Performance of Various Commercially Available Sustained Release Diclofenac Sodium Tablets submitted by **Mr. Kashif ur Rehman** (Faculty of Pharmacy, BZ University, Multan).*
5. *In Vitro and In Vivo evaluation of a w/o Emulsion consisting extract of Emblica officinalis submitted by **Mr. Ahmad Zaman** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
6. *Formulation & Evaluation of Micro Emulsion Containing Flurbiprofen for Topical Delivery submitted by **Mr. Muneeb Ahmad Idrees** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
7. *Formulation And Characterization Of A Cream From Cucumber Extract Submitted by **Mr. Rashid Mahmood** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
8. *Study to Design Coated Granules of Dihydroartemisin using various Coating Materials Submitted by **Mr. Sohail Muhammad** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
9. *Development and Investigation of Oral Sustained Release Drug Delivery System of Glipizide submitted by **Mr. Imran Nazir** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
10. *Role of Pharmacist in Minimizing the Prescribing Errors in Hospitals submitted by **Mr. Ramzi** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
11. *Formulation & In Vitro – In Vivo Evaluation of Cream Containing Extract of Fenugreek Seeds Submitted By **Mr. Muhammad Khurram Waqas** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur)*
12. *Methylcellulose glutarate for sustained release matrix systems Containing Antihypertensive Drugs Submitted by **Mr. Muhammad Yasir Ali** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur)*
13. *Development & evaluation of Transdermal Patches Containing Antihypertensive Drugs Submitted by **Miss Ayesha Yaqoob** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
14. *Formulation & Characterization of Cream Containing Concentrated Extract of Pomegranate submitted by **Miss. Rashida Parveen** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
15. *Formulation & Characterization of Cream Containing Extract of Terminalia chebula Submitted by **Mr. Said Muhammad** (Faculty of Pharmacy & Alternative Medicines, Islamia University, Bahawalpur).*
16. *Phyto-Chemical Evaluation, Bioassay-Screening and Standardization of Luffa Cylindrica and Momordica Charantia submitted by **Mr. Abid Ali Khan** (Centre of Biotechnology and Microbiology, University of Peshawar, Peshawar).*
17. *Quality Control of Radiopharmaceuticals and Comparison of In-House Prepared Diethylene Triamine Penta Acetic Acid (Dtpa) Kits with Commercially Available Kits submitted by **Bibi Amna** (Department of Pharmacy, University of Peshawar).*
18. *Analysis and Efficacy Evaluation of Para-Hydroxy Benzoic Acid Esters (PARABENS) in Suspension, Submitted by **Mr. Salar Muhammad** Department of Pharmacy, University of Peshawar, Peshawar.*

19. *Development & Evaluation of Oral Controlled Release Diclofenac Potassium Formulations, Submitted by Mr. Kamran Ahmad, Faculty of Pharmacy, University of Karachi, Karachi.*

RESEARCH/DEV. PROJECTS COMPLETED/APPROVED

1. Authored, Presented & Defended at the HEC and the Planning Commission of Pakistan, the Mega Project No: HEC/P&D/P-CDWP/12(2)/2008. Improvement & Development of Gomal University, Dera Ismail Khan. (Rs:~ 500 million).
2. Authored & Presented at the NWFP Chief Minister Secretariat, the PC-1 for the Establishment of Bannu Medical College.
3. Project No.2(30)/HEC/P&D/2007/474. Establishment of Polymer Science Research Centre at Gomal University, Dera Ismail Khan. Funding Agency: Higher Education Commission (HEC), Islamabad.
Allocated Amount: Rs: 39.9 million.
Status: *Completed in 2009*
4. Strengthening the Existing Research Program for Achieving Targeted Drug Delivery Systems at the Faculty of Pharmacy Gomal University under an International Linkage program with the Institution of Pharmaceutical Innovation, Bradford University.
Funding Agency: **HEC + British Council. Allocated Amount: UK £ 31,000**
Status: *Near Completion[Final Year]*
5. Project No: 20-2/Acad (R) 03-400 Dated April 12, 2003.
Extraction, Isolation and Investigation of Some Indigenous Natural Products for their Anti-leishmanial Activities. Funding Agency: Higher Education Commission (HEC), Pakistan; **Allocated Amount: Rs: 1178,000**
Status: *Completed in 2009*
6. Project No: PTCL R & D F/ A-29 /2003-2004-A-59. Evaluation of Indigenous Natural Products for the treatment of Leishmaniasis. Sponsoring Agency: Pak. Telecom. Co. Ltd (R&D Fund) ;
Allocated Amount: Rs: 1533,000
Status: *Near to Completion*
7. Project No: F-2-29/2005-DDC (R & D). Fabrication and Evaluation of Various Polymeric Matrices for the Formulation of Once-a-day Controlled Release Tablets of Some Aryl-Propionic Acid Analogs. Funding Agency: Ministry of Health, Islamabad;

HONORS / AWARDS

1. Recipient of HEC Best University Teacher Award -2004
2. Recipient of XVITH STAR AWARD 2005
3. Nomination for Presidential Award 2005
4. First-Class First-Position in Masters (Pharmacy)
5. Award of Scholarship for Ph.D. Studies in China
6. Award of S & T Scholarship for Post Doc Fellowship (Malaysia)
7. Award of HEC Post Doc Fellowship (King's College London).
8. Award of Commonwealth Post Doc Fellowship (Strathclyde University, Glasgow)
9. "Honor of Singularity" being the *First Ever* PhD Degree holder with THREE Post Doctoral Fellowships in the subject of PHARMACEUTICS throughout the NWFP.
10. Certificate of Honor in Chinese Language (> 90% marks)
11. Certificate of Honor in Professional English Exam. (>90% marks)
12. Certificate of Honor in Advanced Theoretical Pharmaceutics & Advanced Pharmacokinetics Examination (> 90 % marks)

MEMBERSHIP OF PROFESSIONAL BODIES:

1. Member National Curriculum Revision Committee (NCRC), Higher Education Commission (HEC), Pakistan.
2. Member Syndicate Gomal University.
3. Member Senate Gomal University.
4. Member (Statutory) Board of Trustees Gomal University
5. Member Board of Advanced Studies & Research (BASR), Gomal University
6. Member Board of Studies, Faculty of Pharmacy, Gomal University.
7. Member Board of Faculty, Faculty of Pharmacy, Gomal University.
8. Member Federation of Asian Pharmaceutical Association (FAPA).
9. Life Member Pakistan Pharmacists Association (PPA).
10. Vice President Pak. Pharmacists Association (PPA), KPK Chapter.
11. Member Pakistan Society for Advancement of Science & Technology.
12. Member Canadian Society for Pharmaceutical Sciences (Membership # 1269).
13. Member New York Academy of Sciences, USA.
14. Member M-Phil / PhD Committee, Gomal University
15. Member Gomal University Examination Appellate Committee

16. Member Gomal University Discipline Appellate Committee

17. Member Project management Unit (PMU) Gomal University

EDITORIAL EXPERIENCE & MEMBER TECHNICAL COMMITTEES

1. Editor-in-Chief Research & Publication Cell 2007-to date
2. Chief Editor: Gomal University Journal of Research (2005-To date).
3. Chief Editor: *DANISH* Magazine, Gomal University 2007-to date
4. Member, International Advisory Board, Jordan Journal of Pharm. Sciences (2007-To date)
5. Member Editorial Board “World Applied Sciences Journal” (2006-Present)
6. Member, Editorial Board “Journal of Med. Sci.” (2001-Present).
7. Member, Editorial Board, Int. Journal of Medical Scientists, “The Sciences”, (1999-2001).
8. Member, International Advisory Board, International J of Pharma-Informa (2010- Present)
9. Member, International Advisory Board, Teachers Research Journal (2010- Present)
10. Referee/Evaluator of the Journal of the Chem. Society of Pakistan (2000-Present).
11. Evaluator of the Journal of Biotechnology & Bioengineering, Switzerland (1999-Present).
12. Member Technical Committee, Pakistan Science Foundation (2001-Present).
13. Expert / Reviewer Master/PhD Thesis, School of Pharmaceutical Sciences, Universiti Sains Malaysia, 11800 Pulau Pinang, Malaysia, 2003-Present.
14. Expert / Reviewer M-Phil/PhD Thesis, Faculty of Pharmacy, University of Karachi
15. Expert / Reviewer M-Phil/PhD Thesis, Faculty of Pharmacy, Islamia University Bahawalpur
16. Expert / Reviewer M-Phil/PhD Thesis, Deptt: of Pharmacy, University of Peshawar
17. Expert / Reviewer M-Phil/PhD Thesis, Centre of Biotechnology, University of Peshawar
18. Expert / Reviewer M-Phil/PhD Thesis, Faculty of Pharmacy, BZ University Multan
19. Expert / Reviewer M-Phil/PhD Thesis, Deptt: of Pharmacy, University of Sargodha
20. Expert / Reviewer M-Phil/PhD Thesis, Deptt: of Pharmacy, University of Baluchistan, Quetta

WORKSHOPS ORGANIZED

1. **Chairman Organizing Committee of:** Workshop on Rational use of Drugs organized by Ministry of health, Islamabad in collaboration with the WHO at Hotel Pearl Continental, Peshawar; Dec. 13 – 14, **1999**.
2. **Coordinator and Organizing Secretary of:** First Training Workshop in Pharmacy, organized by the Faculty of Pharmacy, Gomal University in collaboration with then University Grants Commission (UGC), Islamabad; March 26 - 31, **2001**.
3. **Member Organizing Committee:**
 1. WHO Workshop on “National Drug Policy” at Pearl Continental Hotel Peshawar, Dec 24, 2005 (Academic Committee).
 2. 13th International Conference & Exhibition, “Pharm. Care For Better Treatment Outcome” at Pearl Continental Hotel Lahore, Feb 16-19, 2006 (Scientific Committee)

4. **Chief Organizer of;** 2nd National Workshop on Biotechnological Techniques, jointly organized by the Faculty of Pharmacy and GCBB, Gomal University, D.I. Khan in collaboration with the HEC, Nov 12, 2007
5. **Principal Organizer of;** 3rd Two Days National Workshop on “Quality Assurance in Higher Education & Research” organized by the Faculty of Pharmacy, Gomal University, D.I. Khan in collaboration with the HEC, Jan 22-23, 2010.

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED

1. 7th Pakistan Pharmaceutical Conference, Islamabad, Pakistan. Nov.28-30, 1986.
2. Federation of Asian Pharmaceutical Association (FAPA) Congress, Lahore, Pak. Nov. 5-9, 1992.
3. WHO Workshop “Pharmacy Curriculum” Lahore, Pakistan, Nov. 10-11, 1992.
4. Symposium on the “Responsibilities of Pharmacist in the Production of Quality Medicine” Islamabad, Islamabad. March 26, 1994.
5. Symposium on “Carbopol Polymers in Pharmaceutical Applications” held at China Pharmaceutical University, Nanjing, China. Jan. 20, 1997.
6. Dow / Colorcon Symposium on “Cellulose Ether Polymers in Pharmaceutical Applications” held at China Pharmaceutical University, Nanjing, China. March 6, 1998.
7. National Workshop on “Total Quality Management of Drugs” Organized by the Ministry of Health, Islamabad in Collaboration with the WHO at Holiday Inn, Islamabad, Dec. 3-5, 1999.
8. National Workshop on “Rational Use of Drugs” Organized by the Pakistan Pharmacist Association in Collaboration with the Ministry of Health, Islamabad & WHO at the Pearl Continental Hotel, Peshawar, Dec. 13-14, 1999.
9. 2nd International Science Conference, Lahore, Oct. 26-28, 2000.
10. First Training Workshop in Pharmacy, Organized by the Faculty of Pharmacy, Gomal University, D.I. Khan in Collaboration with the University Grants Commission, Islamabad, at Faculty of Pharmacy, Gomal University, D.I. Khan from March 26-31, 2001.
11. International Workshop on “Management, Production and Quality Assurance of Drugs” Organized by the Ministry of Health, Islamabad in Collaboration with the WHO at Karachi Sheraton, Karachi, Pakistan from Nov. 12-14, 2001.
12. Workshop on “National Drug Policy (NDP) Implementation” Organized by the Ministry of Health, Islamabad in Collaboration with the WHO at Peshawar, Pakistan from December 4-5, 2001.
13. 2nd National & 12th International Chemistry Conference, University of Sindh, Jamshoro, 4-6th February 2002.
14. International Pharmacy Conference & Exhibition, “Changing Face of Pharmacy” Organized by Pakistan Pharmacist Association at PC Hotel, Lahore, 20-23rd March, 2003.
15. Workshop on “PerkinElmer Life & Analytical Sciences---Going Beyond Expectations” held at Hotel Equatorial, Penang, Malaysia, June 23, 2003.
16. Workshop on “ International Pharmacy Practice” Organized by Malaysian Pharmaceutical Society (MPS) in collaboration with Western Pacific Pharmaceutical Forum (WPPF) and FIP at Sun-Way Pyramid Convention Centre, Kuala Lumpur, Malaysia, 12-13th July 2003.
17. Workshop on “Pharmaceutical Technology Curriculum for Pharmacy Schools in Malaysia” Organized by Malaysian Society of Pharmaceutical Technology at USM, Penang, Malaysia, July 26, 2003.
18. 12th International Pharmacy Conference & Exhibition at Hotel Pearl Continental, Karachi, February 18-20, 2004.
19. International Research Collaboration Workshop, Henriette Rapheal Building, Guy’s Campus, King’s College London, June 22-23, 2004.

20. International Science Conference organized by the University of Azad Jammu & Kashmir; Sept.19-21, 2005.
21. The Seminar on “*Development of Herbal Drugs & Industry in Pakistan*” organized by RIU & HEJ Research Institute; Sept 23-24, 2005.
22. WHO Workshop on “National Drug Policy” at Pearl Continental Hotel Peshawar, Dec 24, 2005 (Academic Committee).
23. 13th International Conference & Exhibition (IPCE 2006), “Pharm. Care For Better Treatment Outcome” at Pearl Continental Hotel Lahore, Feb 16-19, 2006 (Member Scientific Committee)
24. Workshop on Logical Frame / Proposal Writing, Organized by British Council and HEC at Pearl Continental Hotel Peshawar on *May 06, 2006*.
25. 14th International Pharmacy Conference & Exhibition (IPCE 2007), “Pharmacy Profession in Health Care System – A need Rather than Desire” at Bahria Auditorium Karachi, April 6-7, 2007.
26. Workshop on “Leading Transformational Change” held at Learning Innovation Division, HEC Islamabad on August 29-30, 2007
27. 2nd National Workshop on Biotechnological Techniques, jointly organized by the HEC & Faculty of Pharmacy, Gomal University, D.I. Khan, Nov 12, 2007
28. WIPO National Seminar on Legal options & Flexibilities under TRIPS Agreement, jointly organized by WIPO & IPO Pak in Islamabad, Nov 27-28, 2007.
29. Establishment of Business Incubators, organized by the HEC in Islamabad, Feb 14, 2008.
30. Training on Project management & Evaluation System (PMES) for Result Based Management, organized HEC at Peshawar, March 17-18, 2008
31. HEC-BC Higher Links Program Workshop, organized by the British Council, at PC Islamabad, March 25-26, 2008.
32. Workshop on Transformational Changes in Higher Education: Tools for Effective Change, jointly organized by the HEC & US Council on Education at the HEC Regional Center Peshawar, Jan 28-29, 2009.
33. 15th International Pharmacy Conference & Exhibition on “Good Governance of Medicine & Patient Care Through Pharmacist” organized by Pakistan Pharmacist Association at the PC Hotel Lahore on April 5-8, 2009.
34. 3rd 2-Days national Workshop organized by the Faculty of Pharmacy GU in collaboration with the HEC & British Council Pakistan in A. Q. Auditorium GU on Jan 22-23, 2010.
35. 2-Days Workshop on “Curriculum Development & Revision” for the Doctor of Pharmacy (Pharm-D) Students, organized jointly by the WHO & Pharmacy Council of Pakistan in PC Lahore on April 19-20, 2010.
36. 3-Days Workshop on “Curriculum Development & Revision” for the Doctor of Pharmacy (Pharm-D) Students, organized jointly by the Higher Education Commission (HEC) & Pharmacy Council of Pakistan at HEC Regional Centre Lahore on Feb 28 – March 02, 2011.
37. 3-Days Workshop of HEC Approved PhD Supervisors, organized by the Higher Education Commission (HEC) at Islamia University Bahawalpur on March 15-17, 2011.
38. Training Workshop on “Personality Development Characteristics” organized by National Productivity Organization (NPO) Ministry of Industries and Production, Govt. of Pakistan at the A. Q. Khan Auditorium Gomal University, D. i. Khan on April 30, 2011.
39. 16th International Pharmacy Conference & Exhibition, “*Your Health & Pharmacist*” organized by Pakistan Pharmacist Association at the PC Hotel Lahore on April 28 to May 01, 2011.
40. National Conference on “Setting Standards for 21st Century Pakistan” Organized by HEC in Serena Hotel Islamabad on May 26, 2011.

LIST OF PUBLICATIONS (1997-2010)

BOOKS AUTHORED & PAPERS PUBLISHED IN INTERNATIONALLY ABSTRACTED HEC RECOGNIZED JOURNALS

*Note: According to Journal Citation Reports® published by Thomson Scientific the **Impact Factor (IF)** of the Journals some of my papers are published in, is as under :*

| S. No | Journal | No of my Papers Published in | Impact Factor |
|--------------|---|------------------------------|---------------|
| 1. | Journal of Controlled Release: | 03 | 5.946 |
| 2. | International Journal of Pharmaceutics: | 02 | 3.061 |
| 3. | Drug development & Industrial pharmacy | 03 | 1.049 |
| 4. | Biol. & Pharm. Bulletin (Japan) | 01 | 1.522 |
| 5. | AAPS PhramSciTech (USA) | 01 | 1.190 |
| 6. | Die Pharmazie (Germany) | 02 | ----- |
| 7. | Drug Delivery Science & Technology (France) | 01 | 0.490 |
| 8. | Journal of Chemical Society of Pakistan | 02 | 0.180 |
| 9. | Pak. Journal of Pharmaceutical Sciences | 09 | 0.825 |
| 10. | Journal of Inorganic Chemistry | 01 | 0.231 |
| 11. | Toxicolog. Environ. Chem. (Tylor Frances) | 01 | 2.420 |
| 12. | American Laboratory (USA) | 01 | 0.270 |
| 13. | J. College of Physicians & Surgeons Pakistan | 01 | 0.554 |
| 14. | Journal of Chinese Pharmaceutical Sciences | 02 | 0.587 |
| 15. | African Journal of Pharmacy & Pharmacology | 01 | 0.667 |
| 16. | Journal of Chinese Pharmaceutical University | 03 | ThomISI* |
| 17. | J. of Medical Sciences | 10 | ThomISI* |
| 18. | Pak. Journal of Biological Sciences | 02 | ThomISI* |
| Total | | 45 | 42.393 |

ThomISI: Impact Factor has been Assigned and/or Enlisted by Thomson ISI (Now Thomson Reuters)*

| Authors/Title of Research Paper | Journal Name/ Volume (Issue Number): Pages (Year) | Impact Factor |
|--|--|---------------|
| 1. Akhlaq Ahmad, GM Khan . <i>Physicochemical Characterization and In-vitro Evaluation of Flubiprofen Oral Controlled Release Matrix Tablets: Role of Ether Derivative Polymer Ethocel.</i> | African J. Pharm. Pharmacol. MS \$ AJPP-11-192 <i>Accepted for publication</i> | 0.667 |
| 2. Akhlaq Ahmad, GM Khan . <i>Effect of ether derivative</i> | Arch. Pharm. | |

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| <i>cellulose polymers on hydration, erosion and release kinetics of diclofenac sodium matrix tablets.</i> | Pharmacol. (UK) <i>Accepted for publication</i> | ----- |
| 3. Adnan Amin, M. Ayaz, GM Khan . <i>Complete elimination of indigenously isolated Agrobacterium tumefaciens strain by quinolone and metallo-β-lactam antibiotics.</i> | Jordan J. Pharm. Sci., MS # 2/12/2011 <i>Accepted for publication</i> | ----- |
| 4. S. Shah., GM Khan . <i>Formulation and in vitro evaluation of ofloxacin-ethocel controlled release matrix tablets prepared by wet Granulation method: influence of co-excipients on drug release rates</i> | Pak. J. Pharm Sci. Accepted for Publication Manuscript # 1190: 2011 | 0.825 |
| 5. A. Wahab, G.M. Khan . <i>.....Formulation and Evaluation of Controlled Release matrices of Ketoprofen and influence of different Co-excipients on the Release Mechanism.</i> | Die Pharmazie (Germany) Accepted for Publication MS # 1040 (2011) | 1.00 |
| 6. N. R. Khan, G.M. Khan . <i>.....Formulation, physical, in vitro and Ex-vivo evaluation of transdermal hydrogels of Ibuprofen containing turpentine oil as penetration enhancer</i> | Die Pharmazie (Germany) Accepted for Publication MS # 1026 (2011) | 1.00 |
| 7. M. Akhlaq and G.M. Khan . <i>Role of hydrophobic ethyl cellulose ether derivative polymer to sustain the release rate of an NSAID model drug.</i> | AAPS PharmSciTech (USA) Manuscript # AAPSPT-D-11-00125, 2011 | 1.19 |
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| 10. M. S. Khan, I. A. and G. M. Khan . <i>Assessment of male reproductive health by conventional method of semen analysis in Pakistan</i> | Pak. J. Pharm Sci. Manuscript # 102: 2011 | 0.825 |
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| 13. F.U. Rehman, M. F. Khan, I.U. Khan Marwat, G. M. Khan and H. Khan. <i>Antibacterial, Anti Malarial and leishmanicidal activities metal based drug complexes of diclofenac sodium.</i> | Journal of Chem. Society of Pak. 32(4): 462-466 (2010) | 0.190 |
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**PAPERS PRESENTED
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67. **G. M. Khan.** *Promoting the Rational Use of Drugs in Pakistan: The Concept of Essential Drugs System.* National Workshop on Rational Use of Drugs, Organized by PPA in collaboration with Ministry of Health, Pakistan & the WHO at PC Hotel, Peshawar, 13-14 Dec., 1999, p. 1.
68. **G. M. Khan.** *Ibuprofen- β -cyclodextrin inclusion complexes: Evaluation of different complexation methods.* 2nd Int. Sci. Confer. (Lahore) Oct. 26-28, 2000, p.15.
69. **G. M. Khan.** *Controlled-release coprecipitates and matrix tablets of ibuprofen with a carbomer: Formulation, characterization and kinetic investigation.* 2nd DIA Int. Conference Organized by PPA in Collaboration with Ministry of Health, Islamabad & the WHO at PC Hotel, Lahore, Pakistan, January 9-12, 2001, p12.
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72. **G. M. Khan.** *Evaluation of Ethocel cellulose ether derivatives with different molecular weights as matrix forming functional polymers.* 2nd National & 12th International Chem. Conference, Univ. of Sindh, Jamshoro, Feb. 4-6, 2002.
73. **G. M. Khan.** Investigation of an indigenous stone- Massicot- for its anti-leishmanial activities. International Pharmacy Conference & Exhibition, “ Changing Face of Pharmacy” at PC Hotel, Lahore, 20-23 March, 2003, p. 23.
74. **G. M. Khan.** Potentials of cross-linked polymeric resins as matrix forming materials in controlled release drug delivery systems. International Pharmacy Conference & Exhibition, “ Changing Face of Pharmacy” at PC Hotel, Lahore, 20-23 March, 2003, p. 37.
75. **G. M. Khan.** Influence of molecular weight & particle size of polymers on drug release mechanism & release kinetics of the drugs. International Pharmacy Conference & Exhibition, at PC Hotel, Lahore, 20-23 March, 2003, p. 41.
76. **G. M. Khan.** Evaluation of controlled release matrix tablets for novel NSAIDs capable of generating a radical biomediator and gastro-protective agent. International Pharmacy Conference & Exhibition, “ Changing Face of Pharmacy” at PC Hotel, Lahore, 20-23 March, 2003, p. 47.
77. **G. M. Khan.** *Statistical distribution of drug permeability parameters in two differet model skins.* International Science Conference organized by the University of Azad Jammu & Kashmir; Sept.19-21, 2005.
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Good Pharmacy Practices. WHO Workshop on “National Drug Policy” at PC Hotel Peshawar, Dec 24, 2005.

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81. **G. M. Khan.** *In Vitro Antileishmanial Studies on Azadirachta indica*. International Conference & Exhibition, “Pharm. Care For Better Treatment Outcome” at Pearl Continental Hotel Lahore, Feb 16-19, 2006.
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