

CURRICULUM VITAE

PERSONAL

NAME: QAISAR JAMAL

FATHER'S NAME: BACHA KHAN

DOMICILE: KP, MALAKAND

RELIGION: ISLAM

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SAKHAKOT, TEHSIL DARGAI, DISTRICT
MALAKAND

ACADEMIC RECORD

Certificate/degree	Institution/Board	Year of Passing	Division/Grade	Marks Obtained	Total Marks
SSC (Science)	BISE Malakand	2003	1 st /A	659	850
HSSC (Pre-medical)	BISE Malakand	2005	1 st / A	811	1100
B. Sc. (Biological Sciences)	University of Peshawar	2007	1 st / A	387	550
M. Sc. (Zoology/Parasitology)	University of Peshawar	2009	1 st / A	879	1200
B. Ed.	University of Peshawar	2010	1 st / B	675	1100
M. Phil (Zoology/Parasitology)	University of Peshawar	2013	1 st /A	4 CGPA	4CGPA
Ph. D. (Zoology/Parasitology)	University of Peshawar	In Progress			

LANGUAGES KNOWN

Language	Writing Skills	Speaking
Pashto (Mother Tongue)	Good	Excellent
English	Good	Good
Urdu	Good	Good

COMPUTER SKILLS

I have well developed skills in using MS office, internet browsing and emailing and using GraphPad Prism statistical software used in drug sensitivity assays.

TEACHING EXPERIENCE

1. Five months teaching of biology and chemistry to metric in Khyber Model School, Tehkal Bala, Peshawar.
2. Five months teaching of biology to metric in Army Public School, Dargai, Malakand.
3. Seven months internship under NIP program in the department of Zoology, University of Peshawar Pakistan. During this period I worked on cataloging books and journals in seminar library and assisted in conducting various practical classes.
4. Work experience as a lecturer in the Department of Zoology, University of Peshawar Pakistan since 14-01-2011 till date. During this period I have been teaching post graduate courses in Animal Taxonomy and Systematics, Developmental Biology, Physiology,

Biological Techniques and Animal Form and Function II. All of these courses are of 4 credit hours.

RESEARCH EXPERIENCE

1. During my M. Sc. Research titled, “**Comparative analysis of *Leishmania* prevalence in tehsil Dargai with special reference to its transmission**” I investigated the prevalence of cutaneous leishmaniasis in Dargai, District Malakand through a questionnaire based survey and microscopy. The data was collected in field and microscopy was performed in Parasitology Research Lab in the Department of Zoology, University of Peshawar.
2. During my M Phil, I worked on, “***In vitro* sensitivity testing of *Leishmania tropica* clinical isolate KWH23 to Buparavaquone**”. I tested the in vitro sensitivity of *Leishmania tropica* to buparavaquone. The research work was conducted in *Leishmania* Research Lab of London School of Hygiene and Tropical Medicine, Keppel Street London. This was supported by Professor Dr. Akram Shah, my research supervisor, under an HEC and British Council joint project. During my stay in the Department of Zoology, University of Peshawar both as a student and as a lecturer provided me a good opportunity to learn research skills. I have gained experience of different culture media preparation for bacteria and protozoan, growing *Leishmania* culture, cell counting, preparation and staining of tissue samples, culturing and maintaining THP1 and J774 cancer cell lines, in vitro and in vivo drug sensitivity assays, operating various apparatus like centrifuge, laminar air flow hood, CO2 incubator, Inverted microscope, PCR, ELISA. In a nutshell, I have developed basic tissue culture and other laboratory implementation skills.

Theses Supervised

M. Sc.

1. Prevalence of *Haemonchus contortus* in markhor population of Chitral Gol National Park.
2. Ichthyodiversity and water quality of three different streams of District Charsaddah.
3. Taxonomic study on freshwater fish collection of Natural History Museum, department of Zoology, University of Peshawar.
4. Distribution and taxonomy of lizards and snakes of District Dir Lower, KP, Pakistan.
5. Soil nematode fauna of Peshawar Khyber pakhtunkhwa, Pakistan.
6. Investigation of risk factors and malaria cases visiting the OPD of City Hospital Lakki marwat KP, Pakistan: A questionnaire based study.
7. Investigation of risk factors and typhoid cases in Tehsil Serai Naurang from patients visiting the City Hospital Lakki marwat KP, Pakistan: A questionnaire based study.

8. Prevalence of malaria in District Charsaddah, Khyber Pakhtunkhwa, Pakistan as observed from referred cases.
9. Prevalence of malaria in District Swabi, Khyber Pakhtunkhwa, Pakistan as observed from referred cases.
10. A preliminary study of the distribution and species composition of dragonfly fauna of District Malakand, KP, Pakistan.
11. Antileishmanial and anticancer activities of transition metal compounds of cerived schiff base ligands.
12. Current status and Management of Tanda Dam Wild Life Park, District Kohat KP, Pakistan.

M. Phil

1. Taxonomic Identification and Prevalence of Helminth Parasites in Pigeons of District Nowshera, KP, Pakistan
2. Distribution and Taxonomy of Herpetofauna in District Dir Lower and Dir Upper, KP, Pakistan.
3. Culturing and Taxonomic Identification of Freshwater Ciliates of District Swabi, Khyber Pakhtunkhwa, Pakistan

Thesis under Supervision in Progress

BS

M.Sc.

1. Taxonomy of soil ciliates of Peshawar

M. Phil

1. A preliminary taxonomic survey of stink bugs (heteroptera: pentatomidae) of district Dir Lower, Khyber Pakhtunkhwa, Pakistan. (Write up stage)
2. Taxonomy of soil ciliates from District Malakand.

Research Publications

1. **Jamal, Q.**, Khan, N.H., Wahid, S., Awan, M.M., Sutherland, C. and Shah, A. (2015). In-vitro sensitivity of Pakistan *Leishmania tropica* field isolate against buparvaquone in comparison standard anti-leishmanial drugs. *Experimental Parasitology*, 154: 93-97.
2. **Jamal, Q.**, Shah, A., Ali, N., Ashraf, M., Awan, M.M. and Lee, C.M. (2013). Prevalence and comparative analysis of cutaneous leishmaniasis in Dargai Region in Pakistan. *Pakistan Journal of Zoology*, 45 (2): 537-541.

3. Ikram, M., Rehman, S., **Jamal, Q.** and Shah, A. (2015). Activity on *Leishmania tropica* of metal complexes with NNOO Tetradentate Schiff Base Ligand: Kinetic and thermodynamic studies from TG-DTA Analysis. *Journal of Chemical Society of Pakistan*, 37 (05): 869-878.
4. Irum, Shah, A., Wahid, S., Khan, N.H. and Jamal, Q. (2017). Follow-on to Eradication of Dracunculiasis in District Dera Ismail Khan, Khyber Pakhtunkhwa, Pakistan. *Pakistan Journal of Zoology*, 49 (3): 1135-1137.
5. Iqbal, K., Jamal, Q., Iqbal, J. and Afreen, M.S. (2017). Luteolin as a potent anti-leishmanial agent against intracellular *Leishmania tropica* parasite. *Tropical Journal of Pharmaceutical Research*, 16 (2): 337-342.
6. Jamal, Q., Jaffar, S. And Shah, A., Prevalence of *Haemonchus Contortus* In Markhor Ofchitral Gol National Park. *J. Sc. & Tech. Univ.* 40 (1), 19-23.

OTHER EXPERIENCES

1. Coordinator and Curator of Natural History Museum in the Department of Zoology University of Peshawar.
2. Member discipline committee in the Department of Zoology, University of Peshawar.

CONGRESSES/WORKSHOPS/TRAININGS

1. Attended 29th International Congress of Zoology in University of Muzafarabad, Azad Kashmir in 2011.
2. Attended and read a paper in the 31st International Congress of Zoology at Pakistan Museum of Natural History, Islamabad 2013.
3. Attended and participated in the arrangement of a workshop by Department of Zoology, University of Peshawar on reemerging zoonotic diseases at Bara Gali summer camp in July, 2013.
4. Completed a 9 months training for in service faculty arranged by Centre for Human Resource and Career development (CHRCD) in 2015.
5. Enrolled in another training of the CHRCD currently for 6 months.

REFERENCES

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