

# CURRICULUM VITAE OF JAWERIA GUL

Lecturer (Biotechnology)  
SBBU, Sheringal,  
Dir Upper

## PERSONAL

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Father' Name	Gul Hassan
N.I.C. No	17301-2200160-4
Date of Birth	01-09-1987
Nationality	Pakistani
Domicile	Dera Ismail Khan, KPK
Marital Status:	Married
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## EDUCATION

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2014 - Present	SBBU, Sheringal Dir Upper, <b>Ph.D.</b> Major: <b>Biotechnology</b> CGPA: Course work completed
2010 - 2012	The Agricultural University Peshawar <b>M.Phil.</b> Major: <b>Biotechnology &amp; Genetic Engineering</b> CGPA: <b>3.90</b> Dissertation: <b>Agrobacterium Mediated Transformation of Spinach with a Synthetic Chitinase gene conferring resistance against Fungal Pathogens.</b>
2005 - 2009	The Agricultural University Peshawar <b>BS (HONS.)</b> Major: <b>Biotechnology &amp; Genetic Engineering</b> CGPA: <b>3.90</b> Internship Report: <b>Effect of Salt Stress on Growth and Proline Content in Maize.</b>
2013 - 2014	The University of Peshawar. <b>B.Ed,</b> Major: <b>Education</b> Marks: <b>71%</b>
2003 - 2005	Frontier College for Women Peshawar. <b>FSc.,</b> Major: <b>Pre. Medical</b> Marks: <b>73%</b>
2003 - 2005	University Model School Peshawar, <b>SSC.</b> Major: <b>Science</b> Marks: <b>84%</b>

## EMPLOYMENT

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- April 2014 - Present                      **Lecturer (Biotechnology)**  
Shaheed Benazir Bhutto University, Sheringal, Dir Upper
- January 2014 - April 2014                      **Data Collection and Monitoring Assistant**  
Department of Elementary and Secondary Education, Govt. of KPK.

## TRAININGS AND WORKSHOP

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- October 2018                      Biosafety Awareness Workshop Organized by Department of Biotechnology Shaheed Benazir Bhutto University, Sheringal, Dir Upper.
- June 2018                      3 Days Teachers Training under the Higher Education Commission Learning and Innovation Division's Project named Faculty Professional Development Program, Organized by Shaheed Benazir Bhutto University, Sheringal, Dir Upper.
- May 2016                      Skill Development Training Program on Cultivation, Processing and Preservation of Economically important Medicinal Plants, Organized by Shaheed Benazir Bhutto University, Sheringal, Dir Upper.
- October 2016                      5 days Training on Biorisk Management Organized by Relief International.
- November 2015                      One day Training Workshop on Personality Building and Interview Skill Development Organized by Passionate Youth Development Organization.
- October 2014                      2 Days Workshop on Project Formulation Workshop Organized by Pakistan Science Foundation.

## PUBLICATIONS

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### ***IMPACT FACTOR JOURNALS***

- Jaweria Gu1**, Iqbal Munir, Haseena Gulzar and Gul Hassan. (2015). Agrobacterium-Mediated Transformation of Spinacia OleraceaL. Througha Synthetic Chitinase Gene Inducing Resistance to Fungal Pathogens. *Pakistan Journal of Botany*, 47(SI): 193-198.
- Haseena Gulzar, Jaweria Gul and Gul Hassan. (2015). Protein Profiles of Phyto agglutinins from Indigenous Species of Euphorbiacea, Leguminosae and Moraceae from Pakistan. *Pakistan Journal of Botany*, 47(SI): 119-126.

- I. Hussain, E.A. Khan, G. Hassan, J. Gul, M. Ozturk, H. Alharby, K.R. Hakeem and S. Alamri, (2017). Integration of high seeding densities and criss cross row planting pattern suppresses weeds and increases grain yield of spring wheat. *Journal of Environmental Biology*, vol 38, 1139-1145.
- Muhammad Jamil, Aftab Ahmad and Jaweria Gul. (2017). Medical Importance of Lice. *Acta Parasitologica Globalis* 8 (2): 79-84.
- Muhammad Jamil, Nidra Hussain, Jaweria Gul, Yusra Harman, Aftab Ahmed, Safdar Nawaz and Muhammad Saddam. (2017). Role of Probiotics in Control of Avain Coccidiosis” *British Journal of Poultry Sciences* 6 (2): 26-28.
- Muhammad Jamil, Muhammad Mansoor, Asghar Ali, Haroon Shahzad, Rizwan Ul Haq, Aftab Ahmad Awan and Jaweria Gul. (2017) Role of Herbal Immunomodulator in Control of Coccidiosis. *Pakistan Journal of Scientific & Industrial Research* 60(3)176-182.
- Muhammad Jamil, Noman Latif, Muhammad Mansoor, Jaweria Gul, Fawad Anwar, Arsalan Khan, Haroon Shahzad, Aftab Ahmad, Muhammad Ehsan Elahi and Rizwan ul Haq, (2016). A Short Communication on Immuno-stimulant and Therapeutic Potential of Rice (*Oryza Sativa*). *European Journal of Biological Sciences* 8 (4): 124-129.
- Muhammad Jamil, Muhammad Mansoor Joyia, Noman Latif, Sher Muhammad Jaweria Gul, Muhammad Shoabd and Arsalan Khan. Importance of Herbal Plants in the Management of Urolithiasi. *Pakistan Journal of Scientific & Industrial Research*. 2019 62B (1).

## **OTHER JOURNALS**

- Zahid Fazal, Jaweria Gul, Muhammad Subhan, Khan Sher and Qasir Ali, (2019). Floristic Diversity and Weed Communities Of Maize, Potato And Mungbean Crops of Kalash Valley Chitral Hindukush Range Khyber Pakhtunkhwa, Pakistan. *Pakistan Journal of Weed Sciences Research*, 25 (2): 79-90, 2019
- Asma Saeed, Muhammad Salim Marwat, Arshad Mahmood Chohan, Abdul Haleem Shah, Rubina Naz, Jaweria Gul, Muhammad Zeeshan Bhatti and Ahmad Saeed, (2018). Antioxidant Activity in Seeds of Avena Fatua and Chenopodium Album Weeds Associated with Wheat Crop. *Pakistan Journal of Weed Sciences Research*, 24(3): 203-212.
- Asma Saeed, Muhammad Salim Marwat, Rubina Naz, Asif Latif, Jaweria Gul Inayat ullah Awan and Ahmad Saeed, (2016). Some Phytochemical and Enzymatic Studies on Seeds of Wild Oats and Common Lambsquarters Associated with Wheat Crop. *Pakistan Journal of Weed Sciences Research*. 22(2): 211-226.
- Muhammad Rahim Khan, Sairah Syed, Mazhar Iqbal, Muzammil Hussain Siddiqui and Jaweria Gul, (2015). Major Weeds of *Gladiolus Grandiflora* L. And Their Management. *Pakistan Journal of Weed Sciences Research*, 21(4): 491-504.

Umm-e-Kulsoom, Jaweria Gul, Tamana Bakht and Saima Kanwal, (2018). Increasing Densities of Avena Fatua and Rumex Dentatus Reduce the Yield of Wheat Under Field Conditions. *Pakistan Journal of Weed Sciences Research*. 24(2): 155-164.

## **MANUSCRIPTS IN PREPARATION/SUBMITTED FOR REVIEW**

Muhammad Jamil, Jaweria Gul, Aftab Ahmad and Fawad Anwar. Authenticity of Turmeric (*Curcuma longa*) Playing Vital Role in Wound Healing. *International Journal of Pharmacy and Medical Sciences (Forthcoming)*.

Muhammad Jamil, Noman Latif, Fawad Anwar and Jaweria Gul. Effect of Aloe Vera on Wound Healing. *Pakistan Journal of Scientific & Industrial Research (Forthcoming)*.

Sadaam Hussain, Inayatullah Rehman, Muhammad Jamil, Noman Latif, Aftab Ahmed and Jaweria Gul. Comparative efficacy of Acacia honey and Aloe vera gel on healing of induced lacerated wound in rabbits. *Pakistan Journal of Scientific & Industrial Research (Forthcoming)*.

## **SKILLS**

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### **Language**

Saraiki: Mother Tongue

Urdu: Very good in reading, writing and speaking

English: Very good reading, writing and speaking; Medium of learning at School, college and university level.

### **Computer**

Have hands on experience in working with PCs in Windows environments and can use MS Word, MS PowerPoint, MS Excel, and many other utilities software.

### **Laboratory**

Have developed expertise in PCR, Gel Electrophoresis, DNA Extraction, Tissue Culture, Agrobacterium Mediated Transformation and Microbial Culture.

## **TEACHING INTERESTS**

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Environmental Biotechnology

Biosafety and Bioethics

Bioinformatics

Marine Biotechnology

Genetics

Elements of Biotechnology

Pharmaceutical Biology

Recombinant DNA Technology

Health Biotechnology

Plant Biotechnology

Downstream Processing

Medical Microbiology

Conservation of Genetic Resources

Cell and Molecular Biology

Cell and Tissue Culture

BioChemistry

## REFERENCES

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Name: Dr. Iqbal Munir  
Designation: Director  
Department: Institute of Bio-Technology and Genetic Engineering (IBGE),  
Agricultural University, Peshawar, KPK.  
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