

JAWWAD HASSAN MIRZA

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▪ OBJECTIVE:

I am destined to serve my nation or do a job that in turn will help my nation to grow and to prosper. I have a clear vision for what I have to do to get the job done perfectly. My aim is to work tirelessly to meet requirement of my employer.

▪ WORK EXPERIENCE:



National Agricultural Research Centre (NARC), Islamabad.

- ✓ 15th February, 2010 – 15th May, 2010.
- ✓ Experiments regarding antibiosis, antixenosis, tolerance and resistance in different arid and irrigated wheat varieties against wheat aphid.
- ✓ Experiments to check the effect of different plant extracts made in different solvents against red flour beetle.
- ✓ Mass rearing of two biological control agents i.e. *Trichogramma* and *Chrysoperla carnea*.
- ✓ Tests to estimate the effect of botanicals against the parasitic activity of *Trichogramma* against *Sitotroga cerealella*.
- ✓ Eradication and control of rodent pests from the field of grains and vegetables by using mechanical and chemical options.



National Institute for Biotechnology and Genetic Engineering (NIBGE), Faisalabad.

- ✓ 10th September, 2012 – 30th August, 2013.
- ✓ Project: Barcode of life-Engaging developing Nations
- ✓ Study the biodiversity of insect fauna around the Pakistan, from ice cold mountains of Gilgit and Chitral to sandy shores of Karachi.
- ✓ Collection, sampling, identification, preservation and display, tagging and labeling of collected samples.
- ✓ Surveyed and Sampled 28 districts of Punjab, few areas of Karachi and Sindh, Gilgit, Chitral, Shogran, KPK and Kashmir.
- ✓ Tissue sampling, DNA extraction, DNA amplification and DNA Barcoding of the insect samples.
- ✓ Mass rearing of gram pod borer and armyworm in the laboratory.
- ✓ Handling and maintenance of Insect DNA Barcode Museum.



Muhammad Nawaz Shareef University of Agriculture (MNSUA), Multan.

- ✓ 24, January 2014 – 23, November, 2014.
 - ✓ Lecturer Entomology.
 - ✓ Purchase Inspector.
 - ✓ Incharge Computer Lab.
 - ✓ Chairman Disciplinary Committee
 - ✓ Secretary Cafeteria Committee
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▪ PARTICIPATIONS AND PRESENTATIONS:

- ✓ Dengue Control Workshop, **Lahore, Pakistan**
 - ✓ Seminar on New Challenges of Insects on Citrus Plant, **Faisalabad, Pakistan.**
 - ✓ Symposium on Dengue Fever: Virology and Vector Control, **Faisalabad, Pakistan.**
 - ✓ Conference on Biotechnology: Prospects in Agriculture, Industry, Health, **Faisalabad, Pakistan.**
 - ✓ Presentation on the Biodiversity studies of Mosquitoes in different areas of **Pakistan, Faisalabad**
 - ✓ Presentation on Papaya mealybug as an invasive pest in **Pakistan, Faisalabad.**
 - ✓ Participation in Honey Bee Conference, **Jeddah Saudi Arabia.**
 - ✓ Presentation in IPDP-Conference 2017, **Arabian Gulf University, Bahrain**
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• ACADEMIC RECORD:

Matric (Science):

- ✓ Duration: 2002-2004
- ✓ From: Progressive Public School, Sargodha.
- ✓ Marks: 653/850
- ✓ Division: 1st

Intermediate (Pre-Medical):

- ✓ Duration: 2004-2006
- ✓ From: Progressive Public College, Sargodha.
- ✓ Marks: 817/1100
- ✓ Division: 1st

Bachelor (16years-Honors) Agriculture:



- ✓ Duration: 2006-2010
- ✓ From: University College of Agriculture, University of Sargodha
- ✓ CGPA: 3.96/4.00
- ✓ Division: 1st
- ❖ **Merit: 3rd Position (Bronze Medal)**

Masters (18years-Honors) Agricultural Entomology:



- ✓ Duration: 2010-2012
- ✓ From: University of Agriculture, Faisalabad.
- ✓ CGPA: 4.00/4.00
- ✓ Division: 1st
- ✓ Research: Surveillance and Laboratory evaluation of different aquatic predators against *Aedes albopictus*

Doctor of Philosophy (Ph.D):

- ✓ Duration: 2015-till date
 - ✓ From: King Saud University, Riyadh, Kingdom of Saudi Arabia.
 - ✓ Research and Experimentations in field of Biology and Ecology
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- **RESEARCH PUBLICATION:**

Ashfaq M., Hebert P.D.N., **Mirza J.H.**, Khan A.M., Zafar Y., 2014. Analyzing Mosquito (Diptera: Culicidae) Diversity in Pakistan by DNA Barcoding. PLoS ONE 9(5): e97268.
doi:10.1371/journal.pone.0097268

Kamran, M., **Mirza, J.H.** and Alatawi, F.J., 2016. The genus Paraplonobia Wainstein and Neopetrobia Wainstein (Acari, Trombidiformes, Tetranychidae) from Saudi Arabia: new species, new records and key to the world species of Paraplonobia. *ZooKeys*, (598), p.27.

- **SKILLS & INTERESTS:**

- ✓ Taken TOEFL-iBT with 91 score.
 - ✓ Impressive communication and creative writing skill and debating style.
 - ✓ Computer based knowledge of hardware and software
 - ✓ Command in Microsoft office (2007 and 2010) for data entering and documentations
 - ✓ Worldwide communication through Internet
 - ✓ Winner of many Naat, speeches, debates, arts and presentations contests.
 - ✓ Excellent art and drawing skills.
 - ✓ Good player of cricket and football.
 - ✓ Read multiple Urdu and English novels literary, fiction, religious etc.
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