

Curriculum Vitae



Dr. SUMAIRA MAQSOOD
Lecturer, Environmental Sciences
Kohsar University Murree

OBJECTIVE

Seeking a challenging position in a progressive organization with an aim to contribute positively towards the objectives of the organization to the best of my capabilities.

PERSONAL DETAILS

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N.I.C #: 33100-4265516-2
Domicile Faisalabad (Punjab)
Date of Birth: December 12, 1986
Marital Status: Married
Nationality: Pakistani
Postal Address: Kohsar University Murree. Admin Block, Kashmir point, Murree.

EDUCATIONAL QUALIFICATIONS

Degree/Certificate	University/Board	Subjects	Passing Year	Marks/CGPA
Matric	BISE Faisalabad	Science	2002	629/850
Intermediate	BISE Faisalabad	Pre-Medical	2004	624/1100
B.Sc (Hons)	University of Agriculture Faisalabad	Agriculture	2008	3.59/4.00
M.Sc (Hons)	University of Agriculture Faisalabad	Agri. Entomology	2010	3.78/4.00
Ph.D	University college of Agriculture, University of Sargodha, Sargodha	Entomology	2016	3.24/4.00

Ph. D

THESIS RESEARCH

Title: “Seasonal Distribution and Bio-rational management of *Spodoptera litura* F. (Lepidoptera: Noctuidae) on *Brassica oleracea* L.”

Department: Department of Entomology, University college of Agriculture,
University of Sargodha, Sargodha.

Supervisor: Prof. Dr. Muhammad Afzal

M.Sc (Hons)

Title: “Comparative Toxicity of Some Insecticides to Army Worm (*Spodoptera litura* L.) in Laboratory.”

Department: Department of Entomology, University of Agriculture, Faisalabad.

Supervisor: Dr. M. Altaf Sabri

PUBLICATIONS

1. Ahmad J. N. R. Mushtaq, S. J. N. Ahmad, M. A. Malik, M. Manzoor, M. Tahir, Z Aslam, **S. Maqsood**, I. Ahuja and A. M. Bones (2020). “Sub-lethal Dose Responses of Native Polyhydroviruses and Spinosad for Economical and Sustainable Management of *Spodoptera litura* in Pakistan”. Pak. J. Zool. 52(3): 989-999.
2. Qayyum M. A., M. A. Saleem, S. Saeed, W. Wakil, M. Ishtiaq, W. Ashraf, N. Ahmed, M. Ali, R. M. Ikram, M. Yasin, **S. Maqsood**, S. Kiran, M. F. Qaiser, R. A. Ayaz, M. Z. Nawaz, A. D. Abid, K. A. Khan, S. A. Alamri. 2020. “Integration of entomopathogenic fungi and eco-friendly insecticides for management of red palm weevil, *Rhynchophorus ferrugineus* (Olivier)”. Soudi J. Biolo. Sci. 27(7): 1811–1817.
3. Ahmad J. N.^{1*}, T. Sharif³, S. J.N. Ahmad², **S. Maqsood**⁴ and F. Zafar³ (2019). “Molecular Identification and Characterization of Fruit Flies of Genus *Bactrocera* (Diptera: Tephritidae) in Pakistan”. Pak. J. Zool. 51(6): 2275-2280.
4. Alam A.¹, S. Shaheen¹, M. Ashfaq^{2*}, M. Ali², J. Iqbal Watto³, M. A. Anjum¹, F. Khan¹, **S. Maqsood**¹ and M. Sajjad⁴. (2019). “Microbial Examination of Mould and Yeast in Fruit Juices” Pak. J. Agri. Sci., 56(3): 715-721.

5. ***Maqsood, S.**¹, M. Afzal², M. S. Haider¹, H. A. A. Khan¹, M. Ali¹, M. Ashfaq¹, M. A. Aqueel² and M. I. Ullah². (2019) “Effectiveness of nuclear polyhedrosis virus and *Bacillus thuringiensis* alone and in combination against *Spodoptera litura* F.” Pak. J. Zool. 51(2): 631-641.
6. Jam, A., M. Jafir, M. Wajid, **S. Maqsood** and S. J. N. Ahmad. 2019. Molecular identification and Sequence analysis of dusky cotton bug, *Oxycarenus hyalinipennis* (Hemiptera:Lygaeidae) Infesting cotton field in Pakistan. Pak. J. Zool.51(2): 1-4.
7. Mirza, A. Q., M. A. Saleem, M. Tayyab, **S. Maqsood**, M. Ali and M. Amin. 2019. Effect of sub-lethal doses of *Beauveria bassiana* and Nitenpyram on the development of red palm weevil, *Rhynchophorus ferrugineus* (Olivier). Pak.J. Zool. 51(2): 559-565.
8. ***Maqsood, S.**, M. S. Haider, M. Ali, M. Ashfaq, H. A. A. Khan, M. Ahmad, M. B. Chattha. (2018) “Synergetic interaction of *Beauveria bassiana* and *Bacillus thuringiensis* for the control of *Spodoptera litura* (F.)” International congress on Agriculture and Animal Sciences (ICAGAS) Alanya, Turkey.
9. Ahmad, J., R. Mushtaq, S. Ahmad, **S. Maqsood**, I. Ahuja and A. Bones. 2018. Molecular Identification and Pathological characteristics of native isolated NPV against *Spodoptera litura* (Fabricius) in Pakistan. Pak. J. Zool. 50(6): 2229- 2237.
10. **Maqsood, S.**, M. Afzal, M. A. Aqueel, W. Wakil and H. A. A. Khan. 2018. Comparative Evaluation of Selected Biorational Insecticides against *Spodoptera litura* (Fabricius) on Cauliflower. Pak. J. Zool. 50(5): 1645-1652.
11. Khan, H. A. A., W. Akram, S. Lee, S. Manzoor, S. R. Ayub, K. U. Rehman, S. W. Ali, M. B. Chattha and **S. Maqsood**. 2018. Monitoring Susceptibility to Spinosad in Three Major Stored-Product Insect Species from Punjab, Pakistan. Pak. J. Zool. 50(4): 1355-1360.
12. Arshad, M., S. Ahmad, M. Sufyan, Z. Abdin and **S. Maqsood**. 2018. Population Dynamics of Aphids and their Natural Enemies Associated with Strip-Intercropping in Wheat Crop. Pak. J. Zool. 50(4): 1225-1230.
13. **Maqsood, S.**, M. Afzal, M. A. Aqueel, A. B. M. Raza, W. Wakil and M. H. Babar. 2017. Efficacy of NPV and Flubendiamide alone and in combination against *Spodoptera litura* F. Pak. J. Zool. 49(5): 1783-1788.

14. Akhtar, Z, R., A. A. Anjum, M. Ahmad, M. Majid, W. Ahmad, **S. Maqsood**, A. Noreen and Easha. 2017. Efficacy of imidacloprid against jassid in sprayed transgenic and non-transgenic cotton. *Inter. J. Entomol. Research.* 2(5): 05-09.
15. Akhtar, Z, R., S. Rehman, F. Ali, A. A. Anjum, M. Ahmad, U. Irshad, **S. Maqsood**, A. Khalid, A. Noreen and Easha. 2017. Resistance evaluation in Jassids against Imidacloprid on Egg Plant under laboratory conditions. *Inter. J. Entomol. Research.* 2(5): 27-29.
16. **Maqsood, S.**, M. A. Sabri, A. Ali, M. Abbas and A. Aziz. 2017. Comparative toxicity of some insecticides against Armyworm (*Spodoptera litura* L.) under lab condition. *J. Entomol Zool. Studies.* 5(1): 770-773.
17. **Maqsood, S.**, M. Afzal, A. Aqueel, A. B. M. Raza and W. Wakil. 2016. Influence of weather factors on population dynamics of armyworm, *Spodoptera litura* F. on cauliflower, *Brassica oleracea* in Punjab. *Pak. J. Zool.* 48(5): 1311-1315.
18. Safdar, H., N. Javed, S. A. Khan, **S. Maqsood** and K. Javaid. 2015. Evaluation of Entomopathogenic nematodes against Armyworm (*Spodoptera Litura* F.) Proceeding of 5th international/ 10th national conference of Pakistan. Phytopathological society on “Crop protection and sustainable agriculture”. P. 123.

RESEARCH PROJECTS

- Rearing of Silkworm and the collection of Cocoons under Laboratory conditions as a volunteer within The Institute of Agricultural Sciences, University of Punjab, Lahore during the period of 15th February 2018 to 10th April 2018.
- Completed a research program funded by Higher Education Commission entitled “Genetics and mechanism of Permethrin resistance in house flies from Punjab, Pakistan”.

CONFERENCES

1. 13th December 2018.

I have presented an oral and power point research paper at the 6th international Conference on Biological and Computational Sciences (C-BICS 2018), Department of Bioinformatics and Biosciences Faculty of Health and Life Sciences, Capital university of Science and technology, Islamabad.

2. 05th-07th December 2018.

I have presented an oral and power point research paper at the 2nd national Conference on Plant Sciences (ICPS-2018), Department of Botany, GC University, Lahore.

3. 13th-15th November 2018.

I have presented an oral and power point research paper at the 2nd national Conference on Bioactivity of Phytochemical (2nd NCBP 2018), Institute of Molecular Biology and Biotechnology (IMBB)/ Center for research in Molecular Medicine (CRiMM), The University of Lahore, Lahore.

4. 07th-09th November 2018.

I have presented an oral and power point research paper at the International Congress on Agriculture and Animal Sciences (ICAGAS), Alanya/ Turkey.

5. 29th-31st August 2018.

I have presented an oral and power point research paper at the 1st national Conference to an audience on Medicinal Plant Research (1st NCMPR 2018), Department of Chemistry, Karakoram International University, Gilgit.

6. 09th-11th August 2018.

I have presented an oral and power point research paper at the 2nd national Conference to an audience of 300 participants on emerging trends in Bioinformatics and Biosciences, Department of Bioinformatics, Hazara University Mansehra.

WORKSHOPS AND TRAININGS

Participate in one day workshop on “Managing Workplace Challenges and Issues of Harassment” by Human Resource Development center at Institute of
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February 16, 2019.

Administrative Science, University of the Punjab, Lahore.	
Participate in training course on “Introductory Beekeeping Training course for Beginners by Honeybee Research Institute (HBRI) National Agricultural research center (NARC) Islamabad.	January 29-31, 2019.
Participate in One day National Beekeeping Consultative Workshop on “Climate Resilient Adaptations and Livelihood Improvement Interventions for Expansion of Quality Honey Production in the Country” by Honeybee Research Institute (HBRI) National Agriculture Research Center (NARC) Islamabad in Collaboration with HI-AWARE Project, CEWRI NARC.	September 27, 2018
Attend the seminar on “Significance of Bioinformatics in Agricultural and Biological Sciences” by Dr. Muhammad Shafiq Assistant Professor, Institute of Agricultural Sciences, University of the Punjab, Lahore.	September 10, 2018
Participate in Faculty Development orientation program conducted by Human Resource Development Center at Institute of administrative Sciences, University of Punjab Lahore	September 4-7, 2018
Participate in training workshop on “Financial Management of Projects” at AKHNCRD National Center for Rural Development, Park road, Chak Shahzad, Islamabad.	August 1-3, 2018
Participate in Seminar on “Future Outlook and Challenges for the Sustainable Management of Insect pests progress and Prospects” by Dr. Shahbaz Ahmad (Assistant Professor Entomology,IAGS), Dr. Muhammad Ali (Assistant Professor Entomology,IAGS), Dr. H.Azhar Ali Khan (Assistant Professor Entomology,IAGS) and Dr. Sumaira Maqsood (Assistant Professor Entomology, IAGS) on 2 nd May 2018.	May 02, 2018
Participate in International Seminar on “Floriculture Industry and Business opportunities in Pakistan by Mr. Fiaz Husain Ferdosi, IAGS, University of Punjab, Lahore.	April 06, 2018
Participate in one day national seminar on “Kitchen Gardening and Seed Distribution” by Institute of Agricultural Sciences, University of the Punjab, Lahore.	September 21, 2017
Participating in international seminar on “Prospects of Agricultural Research (Current and Future)	August 23, 2017
Participated in Training workshop “SPS Compliance through the Fresh Produce Supply Chain” organized by CABI.	August 3-4, 2016
Participated in One day workshop on “Scientific Writing and Plagiarism”, organized by Office of the Senior Tutor and Career Development Center (C.D.C) University of Agriculture, Faisalabad.	May 28, 2013
Participated in One day Training workshop on “Rearing & Bioassay Techniques for Armyworm” organized by Department of Agri. Entomology,	February 24, 2012

University of Agriculture, Faisalabad.	
Participated in Training Workshop on “Termite management for Stakeholders as community service” organized by Department of Agri. Entomology, Faculty of Agriculture, University of Agriculture, Faisalabad	April 25-26, 2012 (session-I) May 28-30, 2012 (II) June 21-23, 2012 (III)
Participated in One day Workshop on “Biological Management of Root Knot Nematodes on Vegetables” organized by PARB & Plant Pathology Department UAF.	October 10, 2012
Participated in Training workshop on “Identification of Plant pathogenic fungi” organized by Department of Plant Pathology, University of Agriculture Faisalabad.	February, 08-09, 2011
Participated in Training workshop on “Identification and demonstration of plant parasitic and beneficial nematodes” held at Department of Plant Pathology, University of Agriculture Faisalabad.	February, 10-11, 2011
Participated in Training Workshop on “Integrated Management of Wheat with Special reference to post harvest losses” organized by Department of Agri. Entomology, University of Agriculture, Faisalabad.	March 26 to April 07, 2007

WORK EXPERIENCE

- Two years’ experience of curriculum development as committee member Under NAVTACC, Islamabad.
- Five years teaching experience as Assistant Professor (IPFP) at The Faculty of Agricultural Sciences, University of the Punjab, Lahore from 2017 to to-date.
- Seven years teaching experience as Lecturer at ILM (Institute of leadership and Management), Faisalabad from 2010 to 2017.
- Sixteen weeks Internship Experience at the Department of Entomology, Ayub Agricultural Research Institute, Faisalabad (AARI).
- Seven months Project experience at The Department of Entomology, University of Agriculture, Faisalabad (UAF).
- One-year National Internship Program.
- Six months Youth Internship Program.

- An excellent experience of Bee-Keeping.

MEMBERSHIP OF SOCIETIES

- Young Entomological Society (UAF).

SKILLS

- I am fully proficient and extremely competent in the use the Microsoft Office suite, in effectively presenting research findings. I am capable of using online resources in gathering appropriate information for research and investigation.
- Interpersonal, relationship-building and networking skills
- Time management skills.
- Team work skills and the ability to lead and motivate others
- A practical, flexible and innovative approach to work.

Testimonials /References

1. Prof. Dr. Muhammad Afzal

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University of Sargodha, Sargodha
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2. Dr. Anjum Aqeel

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Hobbies and Interest

I have three beautiful children and as well as being fully committed to my chosen occupation I thoroughly enjoy and relish spending quality time with my husband and children. Activities

consist of adventure trips within Pakistan's places of interest as well as visiting natural beauty places. As a family we get to spend time together as well as being educated with Pakistan's history.