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POSTAL ADDRESS: Department of Entomology, Faculty of Agriculture Sciences
Quaid-i-Azam Campus, University of the Punjab, Lahore-
54590, PAKISTAN

ACADEMIC CARRIER:

Year	Certificate / Degree	Major Subjects	Board/University
2008-2012	Ph.D.	Entomology	UAF/ Imperial College London UK
2005-2007	M.Sc. (Hons.)/M.phil	Entomology	University Of Agriculture, Faisalabad (UAF)
2001-2005	B.Sc. (Hons.) Agriculture	Entomology	University Of Agriculture, Faisalabad (UAF)

MEGA ACHIEVEMENTS:

- HEC Approved Supervisor
- Gold Medal
- University Color Award
- Indigenous Scholarship in Ph.D.
- Foreign Visits for research/Paper Presentation

PROFESSIONAL EXPERIENCE:

22 March, 2012 to date Associate Professor at department of Entomology faculty of Agriculture Sciences, University of the Punjab, Lahore, Pakistan

10 October, 2012 to 21 March, 2022 Assistant Professor at the Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan

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16May, 2007 to May 2008. Lecturer trainee in University of Agriculture,
Faisalabad.

Other Experiences

- Convener, Placement Bureau Institute of Agricultural sciences University of the Punjab Lahore (1 March 2013 to Continue).
- Rearing Experience of Tomato Leaf miner (*Tuta absoluta*) from Imperial College London, UK.
- Rearing Experience of Green Aphid from Imperial College London, UK.
- Practical Experience of bio-control agent (*Chrysoperla carnea*) in the bio-control laboratory, Department of Entomology University of Agriculture, Faisalabad
- Two year Experience as “President Of The Art Club , 2009 and 2010”.University Of Agriculture, Faisalabad
- **RESEARCH PROJECTS:**
- *Principal Investigator of the research project entitled “ The evaluation of bio-pesticides against brinjal jassid (*amrasca biguttula biguttula*) also using the dna quantification as pesticides screening tool” 0.15 Million funded by University of the Punjab, Lahore for the fiscal year(2019-20) .*
- *Principal Investigator of the research project entitled “The comparison of indigenous plants extracts against aphid (*schizaphis graminum* r.) On wheat (*triticum aestivum* l.) Crop in Lahore division. .0.15 Million funded by University of the Punjab, Lahore for the fiscal year 2017-18.*
- *Principal Investigator of the research project entitled “The Integrated Pest Management (IPM) of Jassid (*Amrasca biguttula biguttula* (Ishida) by the biopesticides on the Okra (*Abelmoschus esculentus* L.) Monech.”. 0.15 Million funded by University of the Punjab, Lahore for the fiscal year 2015-16.*
- *Principal Investigator of the research project entitled “The role of phscio-morphological and bio-chemical plant characters of Okra, (*Abelmoschus**

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esculentus (L.) Monech) with its resistance against Jassid (*Amrasca biguttula biguttula* (Ishida) in Punjab. 0.15 Million funded by University of the Punjab, Lahore for the fiscal year 2014-15.

- *Principal Investigator of the research project entitled “The Control of Jassid (*Amrasca biguttula biguttula*) on brinjal through the bio-pesticides and habitat management in Lahore Division. 0.5 Million funded by Higher Education Commission Islamabad. (2013-2014).*
- *Principal Investigator of the research project entitled “The relationship of biochemical and phscio-morphological characters of brinjal (*Solanum melongena* L.) with its resistance against Jassid (*Amrasca biguttula biguttula* (Ishida) in Pakistan. 0.15 Million funded by University of the Punjab, Lahore for the fiscal year 2012-13.*

INTERNATIONAL VISIT / NATIONAL VISIT / TRAINING / WORKSHOP:

- National workshop on “Alternative crop for the future of Pakistan “organized by institute of Agricultural sciences Pakistan and Pakistan society of Agronomy. 16 May 2016.
- “National workshop on Career development” organized by the National Academy of young scientist (NAYS) Pakistan. (21 April 2016).
- Training Workshop” Total quality management “Held by PSFST, student Chapter, Institute of Agricultural Sciences, University of the Punjab Lahore. (January 23, 2016).
- Training Workshop” Dengue Management “Institute of Agricultural Sciences, University of the Punjab Lahore. (December 21, 2015).

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- M. Ali, M. Ashfaq, S. Ahmad, U. Mubashar, A. Ali. The evaluation of eggplant (*Solanum Melongena* L.) germplasm against jassid (*Amrasca Biguttula Biguttula* (Ishida) Resistance. XVIII International Plant Protection Congress, 24–27 August 2015 Berlin (Germany).
- Training Workshop” An introduction to next generation sequencings and its application in agricultural sciences.” Institute of Agricultural sciences, university of the Punjab Lahore. (14 April 2015).
- Training Workshop” Writing Scientific papers publications- Showcasing the scientific talent to the world “. Comsats Institute of Information Technology (CIIT), Islamabad. (3-4 June 2014)
- Training Course on “MS Word and Power Point” AHK National Center for Rural Development, (NCRD), Islamabad. Ministry of Education and Training, Government of Pakistan (02-06 December 2013).
- National workshop on” Sustainable and integrated management of insect pests and diseases of crops” at Nuclear Institute for Agriculture and Biology (NIAB), Faisalabad. 24-26, September 2013.
- Training Workshop on “Cotton Leaf Disease (CLCuD) diagnostics& resistance” Institute of Agriculture Sciences,(IAGS) University of the Punjab, Lahore. August 26-28, 2013.
- Two day workshop on the Faculty Professional Training for Core Models: Teaching as a Profession & Communication Skills 19-20, June 2013. Institute of Agriculture Sciences (IAGS), University of The Punjab collaboration with learning innovation division HEC.
- Training Course on “Project Proposal Writing” AHK National Center for Rural Development, Islamabad. Ministry of Education and Training, Government of Pakistan (10-14 December 2012).
- Six months training on Integrated Pest Management (of Sucking Insect pests). Silwood Park Campus, Imperial College London, UK. (2010-2011).

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- Fifteen Days Training for the Data Analysis Techniques (Under, Professor Mick Crawley) Silwood Park Campus, Imperial College London, UK. (08 to 23 February 2011).
- One week courses (Training) on the “Presentation and communication Skills’ South Kensington Campus, Imperial College London, UK. (2011)
- Visit of Three Agro-Ecological Zones of Punjab (Mixed Cropping Zone, Cotton Zone and Semi-Arid Zone) during Ph. D Research (2008).
- Research Experience “Studies on the control of Wheat Aphid (*Sitobion avenne*) through bio-pesticides and Habitat management” at the Adoptive Research Farm Sheikhpura (6 Months) (November 2005-May 2006).
- Successfully Completed (6 months) Internship at Regional Agricultural Research Institute, Bahawalpur in 2005.

CONFERENCE / SEMINAR ATTENDED:

- Poster Presentation at “Assessment of Various Plants Extracts to Control the Sucking Pest Jassid (*Amrasca Spp*) on Brinjal (*Solanum melongena*) Crop” in the First Virtual Pakistan Congress of Zoology 40th Pakistan Congress of Zoology (International) *Organized by Sindh Agriculture University, Tandojam* December 14, 17-19, 2021.
- Participated in International conference Title with” Strategic research on international cooperative & development of Honglian type hybrid rice, at 2-3 NOV 2021 in Wuhan University, Wuhan China .
- Fatmia Ishaq, Muhammad Ali, Muhammad Ashfaq and Sumeria Maqsood Sustainable management of leaf hopper by using the extract of local plants of okra crop. 3rd International Conference on Emerging Trends in Earth and Environmental Sciences (ETEES), The College of Earth & Environmental Sciences (CEES), University of the Punjab, Nov 16-18, 2021 PP 211.
- Oral presentation Muhammad Ali, Husnain Arif, Shahbaz Ahmad and Muhammad Ashfaq Response of botanicals plants extract against population dynamics of Jassid on brinjal crop in Lahore Division 6th International

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Multidisciplinary Research Conference Global Prosperity through Research and Sustainable Development, NOVEMBER 02-04, 2021 Organized by Abdul Wali Khan University Mardan pp 14.

- Oral Presentation Muhammad Ali And Muhammad Ashfaq To Study The Relationship Of Abiotic Factors With The Population Dynamic Of Jassid On Eggplant (*Solanum Melongena* L) International Horticulture Conference (Ihc2020) (Revolutionizing Horticulture For Secured Future) February 26-28, 2020 Pp114.
- Oral presentation 0803: **Muhammad Ali**, To study the response of various generic plant extracts to control the Jassid and white fly populations crop. Entomological Society of America. ST Louis, MO, USA 17-20 Nov 2019. Pp 112.
- Participated in International conference Title with" Strategic research on international cooperative & development of Honglian type hybrid rice, at August 28-30 2019 in Wuhan University, Wuhan China .
- Poster presentation on ,The experimental study to calculate the role of a biotic on the fluctuation of jassid on the kharif okra crop. International Horticultural conference Pakistan. BZU Multan, Feb 24-28 (2019) pp 195.
- Poster presentation on "The comparative study of *Abelmoschus esculentus* varieties against *Amrsca spp* in Lahore Punjab. International conference on Food Agriculture Science & technology(IC-FAST), organized by GRIP under the umbrella of University of the Punjab. PP 64.
- Poster presentation of "The Experimental work on different plant extract which were used as biopesticide to control the okra Jassid Jassid (*Amrasca biguttula biguttula* in Lahore 39 Pakistan congress of zoology Punjab Zoological society of Pakistan, University of the Punjab, Lahore. (4-6 March 2019)pp346.
- Oral presentation 0644: **Muhammad Ali** and Muhammad Ashfaq "The study of plant extracts as insecticides to deal with the Jassid (*Amrasca biguttula biguttula* (Ishida) population on the egg plant (*Solanum melongena* L.) crop at the 2018 ESA, ESC, and ESBC Joint Annual Meeting November 11 - 14, Vancouver, BC Canada 2018 Pp 116.

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- Poster presentation P0065 "**Muhammad Ali**, Muhmmad Shazad and Muhammad Ashfaq "The effectiveness of bio-Pesticides against rice leaf folder (*CNAPHALOCROCIS MEDINALIS*) to using the DNA quantification as Pesticides screening tool, XI European congress of entomology 2-6 July 2018, Napoli Italy Pp 170.
- Poster presentation at International Horticulture conference, Pakistan 2018, Title "**Muhammad Ali**, Muhammad Ashfaq, Muhammad Tariq and Asim Gulzar. The influence of abiotic factor for the variation of jassid numbers on brinjal crop. PMAS Arid agriculture University Rawalpindi Pakistan. (25-27 April 2018).
- Poster presentation at Ist international and 2nd national conference on "Challenges and opportunities to boost the agriculture in changing the climate, Title "**Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar and Muhammad Shahzad, The study for screening of different varieties of aubergine (*Solanum melongena*) against cotton jassid. College of agriculture BZU Bahadar sub Campus District Layyah Pakistan. (26-28 March 2018).
- Poster presentation in International conference 38th Pakistan congress of Zoology, "**Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar, Naureen Rana and Muhammad Shahzad" The study of various extract of green plants as biopesticide to control the Leaf hopper (*Amrsca buguttula biguttula*) population on the aubergine (*Solanum melongena*). Zoological society of Pakistan, University of the Punjab, Lahore. (27 Feb-1 March 2018).
- Oral presentation "**Muhammad Ali**, Muhammad Ashfaq and Asim Gulzar," To study the effects of various biopesticide, biocontrol agent and its compression with neonicotinoid insecticide against Cotton Jassid (*Amrsca buguttula biguttula*) population on aubergine (*Solanum melongena*) " Australian entomological society 48th AGM Conference being held in Terrigal Sydney, New South Wales, Australia (17-20 September 2017) PP 100.

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- Poster presentation in 3rd international conference on agriculture, Food security and biotechnology Title " **Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar, and Muhammad Shahzad, The compression of different plants extract efficacy to control the jassid (*Amrasca biguttula biguttula*) population on Okra" National institute of Genomics and advance biotechnology, NARC Islamabad (26-27 April 2017).
- Poster presentation in National conference on challenges and opportunities to boost the agriculture changing in climate. **Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar, Muhammad Shahzad and Naureen Rana" Efficacy of different biopesticide against rice leaf folder (*Cnaphalocrocis medinalis*) in Punjab Pakistan" Organized by the College of Agriculture BZU Bahader sub campus Layyah (29-30 March 2017).
- Attended as Guest speaker in "5th international conference of Food and Nutrition security (Impact of climate change)" organized by the Institute of Home and Food sciences, G. C. University, Faisalabad Pakistan " (7-8 March 2017).
- Oral presentation in, The First international conference on the emerging trends in earth and environmental Sciences Title "Impact of heavy metals and soil microfana environment in the tomato (*Solanum lycopersicum*) field" College of and Earth and Environmental Sciences, University of the Punjab, Lahore. (9-10 March 2017).PP 63
- Poster presentation in 37th international Pakistan congress of zoology **Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar, Amna Ali and Muhammad Shahzad "The study of different agroecological zones about Jassid (*Amrasca biguttula biguttula*) on brinjal (*Solanum melongena* L.)Crop" Organized by the Department of zoology G. C. University, Faisalabad Pakistan. (28 Feb-12 March 2017).
- Poster presentation in International congress of Entomology " **Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar, Muhammad Tariq and Muhammad

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shahzad” Study of various biopesticide to control the cotton jassid eggplant on Aubergine (*Solanum Melongena* L.) under field condition. Organized by the Pakistan Entomological Society Department of Entomology University of Agriculture Faisalabad Pakistan.PP-141 (16-18 DEC 2016).

- Poster presentation #3” **Muhammad Ali**, Muhammad Ashfaq, Asim Gulzar, Abdul Ghaffar and Naureen Rana” The compression of different plant extracts as natural insecticides to manage the jassid (*Amrsca Spp*) population on the brinjal (*Solanum melongena* L.) crop. ” Australian entomological society 47th AGM and New Zealand Entomological society Conference being held in Melbourne, Victoria, Australia (27 - 30 November 2016) PP 141.
- Poster presentation” **Muhammad Ali**, Muhammad Ashfaq, Sajjad Ali, Asim Gulzar, Abdul Ghaffar and Muhammad Shahzad” Response of different genotypes of brinjal to jassid population by external application of Potash in Lahore.” International conference on the significance of Potash use in Pakistani agriculture. Organized by Institute of Agricultural Sciences University of the Punjab Lahore 24-25 Nov 2016. Pp49-50.
- Attended “National conference on sustainable management and control of fruit fly Infestation 23-24 Nov 2016. Organized by US Pakistan center for advance studies in agriculture and food security in University of Agriculture Faisalabad.
- Oral presentation #2570” **Muhammad Ali**, Muhammad Ashfaq, Naureen Rana, Syed Muhammad Zakria and Azhar-uddin- Bahtti. Evaluation of insecticidal properties of some bio-extracts and a bio-agent performance on aphid (*Sitobion avenae* F.) (Aphididae:Hemiptera), incidence on wheat (*Triticum aestivum* L.) crop” XXV international congress of Entomology 25-30 September 2016 Orlando, Florida USA, Pp317.
- Oral presentation “**Muhammad Ali**, Muhammad Ashfaq and Azhar uddin Bahtti. The role of Physio-Morphic Characters of eggplant (*Solanum Melongena* L.) and its correlation with the Jassid (*Amrasca Biguttula Biguttula* (Ishida)

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population variation. 2nd International conference on horticultural sciences, Institute of Horticultural sciences, University of Agriculture Faisalabad (18-20, February 2016)pp 31.

- Muhammad Ashfaq, Amna Ali, Anum Nawaz, Muhammad Saleem Haider and Muhammad Ali. Characterization of *Pseudomonas* Species Associated with tomato wilt disease. (Crop protection for sustainable agriculture) 5th International /10 National conference of Pakistan Psychopathological society. (23-25 NOV 2015). Pp-104.
- M. Ali, M. Ashfaq, S. Ahmad, U. Mubashar, A. Ali. The evaluation of eggplant (*Solanum Melongena* L.) germplasm against jassid (*Amrasca Biguttula Biguttula* (Ishida) Resistance. XVIII International Plant Protection Congress, 24–27 August 2015 Berlin (Germany) Pp-660.
- Shahbaz Ahmad, Muhammad Ali and Hafiz Azhar Ali Khan 2014. Studies Methanolic plants extract the Larvae of *Culex quinquefasciatus* (Diptera:Culicidae). Abstracts book International Conference on Innovative Biological and public health research (May 06-08, 2014). pp 49-50.
- Poster presentation “Muhammad Ashfaq, Muhammad Saleem Haider, Muhammad Ali, Amna Ali and Gohar Ayub. Genetic variability analysis of diverse rice germplasm lines under stress condition. Borlaug Summit on wheat for Food Security pp 107 (25-28 March 2014).
- Presented Paper “M. Ali., Ashfaq M., Haider M.S., Ashfaq M. and Anjum F. Bio Chemical characters of eggplant (*Solanum melongena* L.) Leaves and their correlation with the fluctuations of jassid (*Amrasca biguttula biguttula*(Ishida)) populations. Proceeding of XV EUCARPIA Meeting on Genetics and Breeding of Capsicum and Eggplant 2-4 September 2013, Torino Italy. pp (21-27).
- International congress of Entomology, 6-12 July, 2008: International convention center, Durban, South Africa (Ashfaq, M., **M. Ali** and W. Akram, 2008. Studies on the control of wheat aphid (*Sitobion avenae*) through bio-pesticides and

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habitat management. The council for international congresses of Entomology & the Entomological society of southern Africa.pp.39).

- Research Orientation Program “Research Methodology and Analytical techniques” (4th Course) held, 13-17th August, 2007 at University of Agriculture, Faisalabad.
- Participation In 30th Pakistan Congress of Zoology Held In University of Agriculture, Faisalabad (March 2-4, 2010)
- National Seminar on “Developing local food additives/Preservative” 22 November 2012. Institute of Agricultural Sciences. University Of The Punjab Lahore.

PUBLICATIONS:

- Sehrish Mushtaq, Muhammad Shafiq, Muhammad Ashfaq, Muhammad Ali¹, Shabnum Shaheen, Daniel Hsieh, Turlough Finan and Muhammad Saleem Haider (2021) Study of varying ph ranges on the growth rate of bacterial strains isolated from plants. *Pak. J. Agri. Sci., Vol. 58(3), 1051-1057*
- Muhammad Ashfaq, Ansa Afzal, Muhammad Arshad Javed, Muhammad Ali, Bilal Rasool, Shabnum Shaheen, Muhammad Shafiq, Urooj Mubashar, Mubarak Ali Anjum¹ and Abdul Rasheed (2021) Identification and pathogenic characterization of bacteria causing rice grain discoloration in Pakistan. *Int. J. Biol. Biotech., 18 (2): 239-246.*
- Nida Razaqat, Muhammad Tariq Manzoor, Muhammad Ashfaq, Muhammad Ali, Muhammad Sajjad, Muhammad Sabir And Ayesha Bibi (2021) Morphological and Biochemical Characterization Of *Xanthomonas Oryzae* Pv *Oryzae* Isolates From Punjab, Pakistan *Biologia (Lahore) VOL. 67 (I)421-49*
- Mubarak Ali Anjum, Muhammad Ashfaq, Muhammad Saleem Haider, Muhammad Arshad Javed, Muhammad Ali, Bilal Rasool, Muhammad Shafiq and Urooj Mubashar (2021) Barley chitinase gene confers resistance against

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Fusarium oxysporum and *Aalternaria solani* in transgenic potato ak-22 *Int. J. Biol. Biotech.*, 18 (4): 657-663,

- Umair Ali, Muhammad Ashfaq, Muhammad Shafiq, Muhammad Ali, Shabnum Shaheen, Bakhtawar Mubashar, Mubarak Ali Anjum and Muhammad Aqeel (2020) effects of organic and chemical fertilizers on growth and yield attributes of chili (*capsicum annuum* l.). *Int. J. Biol. Biotech.*, 17 (4): 731-738. **(Y HEC)**
- Shabnum Shaheen, Mehreen Jalal, Muhammad Ashfaq, Muhammad Ali, Bilal Rasool, Javed Iqbal Watto, Muhammad Asrar, Umair Ali, Muhammad Sajjad, Mehwish Jaffer, Nida Haroon and Farah Khan(2020) Evaluation Of Nutraceutical Potential Of Five Selected Wild Edible Plants Of Lahore, Pakistan *Pak. J. Agri. Sci., Vol. 57(6),1557-1563(IF 0.677)*.
- Muhammad Ashfaq, Iqra saleem, Muhammad Saleem Haider, Muhammad Ali, Javed Iqbal Watto, Muhammad Shafiq, Shahbaz Ahmad, Muhammad Asrar, Abdul Rasheed, Umair Ali, Muhammad Sajjad and Urooj Mubashar (2020) SSR based screening of rice germplasm against blast disease and its GIS monitoring in Punjab, Pakistan. *Int. J. Biol. Biotech.*, 17 (3): 571-581. **(Y HEC)**
- Jam Nazeer Ahmad, Samina J.N., Ahmad, Mubashir Ahmad Malik, Abid Ali, Muhammad Ali, Ejaz Ahmad, Muhammad Tahir and Muhammad Ashraf (2020) Molecular Evidence for the Association of Swarm Forming Desert Locust, *Schistocerca gregaria gregaria* (Forskål) in Pakistan with Highly Prevalent Subspecies in Sahara Desert of Africa. *J. Zool., vol. 52(6), pp 2233-2242. (IF.79)*
- Unaiza wahab, Muhammad Ashfaq, Muhammad Sajjad, Shabnum Shaheen, Riffat Sadique, **Muhammad Ali** and Farah khan (2020) Effects of different plant growth regulators on *in vitro* growth of *Aaloe vera* l. Bangladesh j. Bot. 49(1): 159-162. **(IF 0.247)**.
- M. Ashfaq, M.A. Anjum¹, M. S. Haider, **M. Ali**, U. Mubashar, U. Bashir H.M.U Aslam and M. Sajjad (2020) Association of *Cladosporium cladosporioides* brown leaf spot of lady palm in Pakistan. *The Journal of Animal & Plant Sciences*, 30(2): 2020, Page: 371-376. **(IF 0.678)**.

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- **Ali, M.**, M. Shahzad, M. Ashfaq, M. Asrar, A. Gulzar and H.M.U. Aslam, 2019. Screening of different rice genotypes (*Oryza sativa*) against *Cnaphalocrocis medinalis* (Lepidoptera: Pyralidae) under field conditions in Lahore, Pakistan. Pak. Entomol., 41(1):47-50. **(Y HEC)**
- S. Mushtaq, M. Shafiq, T. Ashraf, M. S. Haider, M. Ashfaq and M. Ali(2019), Characterization of plant growth promoting activities of Bacterial endophytes and their antibacterial potential isolated from citrus. The journal of animal & plant sciences, 29(4): 978-991 **(IF 0.529)**.
- Naseem, Khalida; Farooqi, Zahoor H.; Begum, Robina; Rehman, Muhammad ZiaUr; Shahbaz, Aiman; Farooq, Umar; **Ali, Muhammad**; Rahman, Hafiz Muhammad Abd Ur; Irfan, Ahmad; Al-Sehemi, Abdullah G.(2019) Removal of Cadmium (II) from Aqueous Medium Using *Vigna radiata* Leave Biomass: Equilibrium Isotherms, Kinetics and Thermodynamics. Zeitschrift für Physikalische Chemie Vol (233)5. 669-690(22). **(IF 0.97)**.
- Ayesha Alam, Shabnum Shaheen, Muhammad Ashfaq, **Muhammad Ali**, Javed Iqbal Watto, Mubarak Ali Anjum, Farah Khan, Sumaira Maqsood and Muhammad Sajjad (2019) Microbial examination of mould and yeast in fruit juices. Pak. J. Agri. Sci., Vol. 56(3), 715-721. **(IF 0.677)**.
- Bushra Siddique, Muhammad Tariq, Muhammad Naeem and Muhammad Ali (2019) Behavioral Responses of *Coccinella septempunctata* and *Diaeretiella rapae* under the Influence of Semiochemicals and Plant Extract in Four Arm Olfactometer *Pakistan J. Zool.*, vol. 51(4), pp 1403-1411. **(IF.547)**
- Muhammad Ashfaq, **Muhammad Ali**, Muhammad Shahzad, Mubarak Ali Anjum, Muhammad Sajjad, Muhammad Saleem Haider and Urooj Mubashar (2019) Efficacy assessment of bio-pesticides against rice leaf folder, *cnaphalocrocis medinalis* (guenee) (Lepidoptera : Pyralidae) using DNA quantification method. *Int. J. Biol. Biotech.*, 16 (2): 391-399. **(Y HEC)**
- Sumaira Maqsood, Muhammad Afzal , Muhammad Saleem Haider , Hafiz Azhar Ali Khan , **Muhammad Ali** , Muhammad Ashfaq , Muhammad A.

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Aqueel and Muhammad Irfan Ullah (2019) Effectiveness of Nuclear Polyhedrosis Virus and *Bacillus thuringiensis* alone and in Combination against *Spodoptera litura* (Fabricius). Pakistan J. Zool., vol. 51(2), pp 631-641. (IF.547)

- Muhammad Ashfaq, Waqas Ahmad, Muhammad Saleem Haider, **Muhammad Ali**, Muhammad Sajjad, Farah Khan, Shabnum Shaheen, Mubarak Ali Anjum and Urooj Mubashar (2019) Molecular and Agronomic characterization of selected rice germplasm under normal and water stress conditions. Pak. J. Agri. Sci., Vol. 56(1), 29-36(IF.69)
- Proceeding Paper, "Sumaira Maqsood, Muhammad Saleem Haider, **Muhammad Ali**, Muhammad Ashfaq, Hafiz Azhar Ali Khan, Muhammad Ahmad, Muhammad Bilal Chattha, 2018 Synergistic interaction of *Beauveria bassiana* and *Bacillus thuringiensis* for the control of *Spodoptera litura* (F.) International congress on agricultural and animal sciences 7-9 NOV 2018 Analya Turkey PP 1159-1173.
- Mubeen Riaz, Kiran Zahid, Sumaira Aslam chohan, Muhammad Ashfaq, Muhammad Ali, Riffat Siddique, Nudrat Anees and Farah Khan (2018) Enhanced sodium chloride disturbs the genetic stability in *ocimum tenuiflorum* l. Biologia (Pakistan) , 64 (1), 111-117(Y HEC)
- Chatha, A.A., M. Asrar, H. Anwar, M. Azeem, M. Hussain, K. Samiullah, S. Mubarik, D. Hussain, **M. Ali**, S. Asghar, H. Jabbar, G. Hussain and S. Hussain, (2018) Screening of some new hybrid genotypes of maize for their resistance/susceptibility against *Chilo partellus* (Swinhoe) (Lepidoptera: Pyralidae) and *Atherigona soccata* (Rondani) (Diptera: Muscidae). Pak. Entomol., 40(2):85-89. (Y HEC)
- Asim Gulzar, Ather Maqsood, Munir Ahmed, Muhammad Tariq, **Muhammad Ali** and Rahmatullah Qureshi (2017) Toxicity, Antifeedant and Sub-Lethal Effects of *Citrullus colocynthis* Extracts on Cotton Bollworm, *Helicoverpa armigera*

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(Lepidoptera: Noctuidae) Pakistan J. Zool., vol. 49(6), pp 2019-2026, 2017.(IF.59)

- Muhammad Ashfaq, Muhammad Saleem Haider, Muhammad Ali, Shabnum Shaheen, Farah Khan and Urooj Mubashar (2017) Molecular diversity and heterosis analysis for rice grain discoloration. Pak. J. Agri. Sci., vol. 54(3), 579-587.(IF 0.677).
- **Muhammad Ali**, Hafiz AzharAli Khan, Hafiz Muhammad Tahir, Asad Tariq, Muhammad Ashfaq, Shinawar Waseem Ali, Asim Gulzar, Hafiz Muhammad UmerAslam, Uzma Khalid, Sajawal Yousaf and Urooj Mubashar (2017) The larvicidal potential of different plants extracts against the larvae of mosquito (*Aedes aegypti* (L.) (Culicidae: Diptera). Pak. Entomol., 39(1):37-40.
- Muhammad Ashfaq, Qurat-ul-ain Asghar, Rahila Hafeez, Amna Ali, Muhammad Saleem Haider, Muhammad Ali, Muhammad Bilal Chattha, Abdul Rasheed and Muhammad Sajjad (2017) Microbial diversity associated with rice seeds. Biologia (Pakistan) 63 (2), 161-168.
- M. Ashfaq, U. Mubashar, M. S. Haider, M. Ali, A. Ali and M. Sajjad (2017) Grain discoloration: an emerging threat to rice crop in Pakistan. The journal of animal & plant sciences, 27(3): 696-707 (IF 0.529)
- Muhammad Ashfaq, Muhammad Saleem Haider, Amna Ali, Muhammad Ali, Husnain Mubashar, Muhammad Sajjad and Urooj Mubashar (2017) Diversity and correlation analysis in basmati rice germplasm. Bangladesh J. Bot. 46(2): 565-574. (IF: 0.214)
- . Ashfaq, U. Mubashar, M. S. Haider, M. Ali, A. Ali and M. Sajjad (2017) Grain discoloration: an emerging threat to rice crop in Pakistan. The journal of animal & plant sciences, 27(3): 696-707
- Muhammad Ashfaq, Muhammad Saleem Haider, Amna Ali, Muhammad Ali, Husnain Mubashar, Muhammad Sajjad and Urooj Mubashar (2017) Diversity and correlation analysis in basmati rice germplasm. Bangladesh J. Bot. 46(2): 565-574.

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- Muhammad Ashfaq, Abdul Rashid, Muhammad Saleem Haider, Amna Ali, Muhammad shahzad, Muhammad Ali, Farah khan, Hafiz Umar Farooq and Urooj Mubashar (2017) Genetic variability and association study of some quantitative traits in chickpea (*cicer arietinum* l.) *Int. J. Biol. Biotech.*, 14 (2): 279-282,
- M. Ashfaq, M. A. Anjum, R. Hafeez, A. Ali, M. S. Haider, M. Ali, and M. B. Chattha, S. R. Ahmad, F. Ahmad, F.Khan M. Sajjad, (2017) First Report of *Fusarium equiseti* Causing Brown Leaf Spot of Fishtail Palm (*Caryotamitis*) in Pakistan. *Plant Disease* Vol.101, No 5 PP 840. (IF: 3.02)
- A.A. Shahid, S. iftikhar, K. Nawaz, W. Anwar and M. Ali (2017) First report of *alternaria alternata* causing brown leaf spot of potato in Pakistan. *Journal of Plant Pathology* 99 (1), 287-304 (IF: .60)
- Bushra S., M. Tariq, M. Naeem, M. Ashfaq, I. Bodlah and M. Ali (2017) Effect of Semiochemicals and Plant Extracts on Performance of Aphid Parasitoid, *Diaeretiella rapae*. *Pakistan J. Zool.*, vol. 49(2), 615-621. (IF: .48)
- **Ali, M.**, M. Ashfaq, M. Ashfaq, M. Tariq, A. Gulzar, A. Ghaffar and M. Shahzad, 2016. Assessment of bio-control agent performance and insecticidal properties of bio-extracts against aphid (*Schizaphis graminum* R.) on wheat, (*Triticum aestivum* L.) crop. *Pak. Entomol.*,38(2):89-93.(HEC "Y" category)
- Rafi, M.A., M. Tariq, I. Bodlah, G. Irshad, **M. Ali** and A. Gulzar, 2016. Population dynamics and control of fruit flies by using different traps in university orchard. *Pak. Entomol.*, 38(2):105-108. (HEC "Y" category)
- Muhammad Shafiq, Saima arif, Ayesha BiBi, **Muhammad Ali**, Muhammad Saleem Haider, Muhammad Ashfaq, Shahbaz Ahmad, Muhammad Tariq Manzoor, Muhammad Shahzad, Asma Tanveer and Aleem ahmad (2016) detection and geographical distribution of *wolbachia endosymbiont* in the natural populations of cotton leafhopper, (*amrasca devastans*) in pakistan. *Pak. Entomol.*, 38(2):141-146. (HEC "Y" category)

CURRICULUM VITAE

- Amna Ali, Muhammad Ashfaq, Muhammad Saleem Haider, Sana Hanif, **Muhammad Ali** & Rahila Hafeez (2016) Allelopathic potential of *lantana camara* l. against plant pathogenic bacteria. *Biologia (Pakistan)* 62 (2), 357-361(HEC “Y” category)
- Shahbaz Ahmad, Qurban Ali, Muhammad Usman, **Muhammad Ali** and Muhammad Binyameen (2016) Evaluation of indigenous plant extract against aphid (*Schizaphis graminum*) under laboratory conditions. *International Journal of biology, Pharmacy and Allied Science*, 5(12): 3189-3196.
- **Muhammad Ali**, Muhammad Ashfaq, Mazhar Hussain Ranjha, Asim Gulzar, Shahbaz Ahmad and Amna Ali (2016)The host plant susceptibility indices and varietal preference of jassid (*amrasca bigutulla bigutulla* ishida) on eggplant (*solanum melongena* L.) in punjab pakistan. *Pak. Entomol.*, 38(1): 15-18 (HEC “Y” category)
- **Muhammad Ali**, Muhammad Ashfaq, Abdul Ghaffar, Azhar uddin Bahtti, Amna Ali and Urooj Mubashar (2016) Role of Physio-Morphic Characters of Different Genotypes of Eggplant, *Solanum melongena* L. and its Association with the Fluctuation of Jassid, *Amrasca biguttula biguttula* (Ishida) Population. *Pakistan J. Zool.*, vol. 48(5)1511-1515. (IF:.48)
- Muhammad ashfaq, Muhammad S. Haider, Amna Ali, **Muhammad Ali**, Iqra Saleem, Urooj Mubashar (2016) Morphological characterization of endophytic bacterial strains isolated from discolored rice grain, *Pak. J. Phytopathol.*, vol. 28 (01) 01-08. (HEC “Y” category)
- Amna Ali, Muhammad Ashfaq, Muhammad Saleem Haider, Rahila Hafeez and **Muhamad Ali** (2016)Evaluation Of Phyllospheric Bacterial Community In Some Medicinal Plants And Their Antimicrobial Activity. *INT. J. BIOL. BIOTECH.*, 13 (3): 407-415, (HEC “Y” category)
- Muhammad Ashfaq , Rabia Mubarak, Muhammad Yousaf Saleem , Amna Ali , **Muhammad Ali** and Muhammad Saleem Haider (2016) Quantitative disease

CURRICULUM VITÆ

study of early blight of tomato under natural field conditions. Int. J. Agric. Appl. Sci. Vol. 8(1)31-34. (HEC "Z" category)

- Muhammad Ashfaq, Hafiz Umar Farooq, Muhammad Sabar, Amna Ali And **Muhammad Ali** (2015) Molecular Screening of Aroma Genes in Indigenous and Exotic Rice Germplasm. *Biologia (Pakistan)* 61 (2), 313-317. (HEC "Y" category)
- Muhammad Ashfaq, Muhammad Saleem Haider , Iqra Saleem , **Muhammad Ali** , Amna Ali and Sumaira Aslam Chohan (2015) Basmati-Rice a Class Apart (A review) Rice Gene Action and varieties. *J Rice Res.* 3(4): 1-8.
- Anwar, W., S.N. Khan, M. Aslam, M.S. Haider, A.A. Shahid and **Muhammad Ali**, (2015). Exploring fungal flora associated with insects of cotton agro ecological zones of Punjab, Pakistan. *Pak. Entomol.*, 37(1):27-31.
- Muhammad Ashfaq, Amna Ali, Anum Nawaz, Uzma Bashir, Muhammad Saleem Haider and **Muhammad Ali** (2014) Isolation and characterization of *pseudomonas* species associated with tomato wilt. *Biologia (Pakistan)* 60 (2), 229-234. (HEC "Y" category)
- Muhammad Ashfaq, Muhammad Saleem Haider, Amna Ali, **Muhammad Ali**, Sana Hanif and Urooj Mubashar (2014) Screening of diverse germplasms for genetic studies of drought tolerance in rice (*Oryza sativa* L.). *Caryologia International Journal of Cytology, Cytosystematics and Cytogenetics* Vol. 67 (4) 296-304. (IF: .494)
- Muhammad Ashfaq, Amna Ali, Muhammad Saleem Haider, **Muhammad Ali**, Asad Ullah, Urooj Mubashar, Husnain Mubashar, Iqra Saleem and Muhammad Sajjad (2014) Allelopathic Association Between Weeds Extract and Rice (*Oryza sativa* L.) Seedlings. *JOURNAL OF PURE & APPLIED MICROBIOLOGY*, Nov. 2014. Vol. 8(Spl. Edn. 2), p. 573-580.(IF:.10)
- Muhammad Ashfaq, Abdul Rasheed, Muhammad Rizwan, Muhammad Noor, Urooj Mubashar, Husnain Mubashar, **Muhammad Ali**, Amna Ali, Iqra Saleem and Muhammad Sajjad.(2014) Genetic Studies of Various Morphological Traits

CURRICULUM VITÆ

in Upland Cotton (*Gossypium hirsutum* L.) JOURNAL OF PURE & APPLIED MICROBIOLOGY, Nov. 2014. Vol. 8(Spl. Edn. 2), p. 623-628. (IF:10)

- **Muhammad Ali**, Muhammad Ashfaq, Naureen Rana, Muhammad Saleem Haider , Muhammad Ashfaq and Muhammad Amjad (2014) The susceptibility study of some aubergine (*Solanum melongena* L.) cultivars against jassid (*Amrasca biguttula biguttula* (ISHIDA)). Pak. J. Agri. Sci., Vol. 51(3), 677-681 (IF: 1.24)
- **Muhammad Ali**, Muhammad Ashfaq, Muhammad shakeel, Abdula Ghaffar and Amna Ali 2014. Evaluation of Insecticidal Properties of Some Bio-extracts and a Bio-agent Performance on Aphid Incidence on Wheat Crop in Punjab-Pakistan Sylwan.,J. (158(9) 58-63 (IF: .295)
- Article published in “Roznama Nawaiwaqt Lahore” with the Title “Sihaat Bakhas Sabziat oar ba kifiat Kitchen Gardening ” 21 July 2014 Color Page Zarat Tallem and Tijarat .pp16
- Muhammad Ashfaq, Muhammad Saleem Haider, Amna Ali, Sehrish Mushtaq , **Muhammad Ali**, and Urooj Mubashar (2014) Characterization of Endophytic Bacterial Strains Isolated from rice grain discoloration. Sylwan., 158(8)165-182.
- Muhammad Ashfaq, Amna Ali, Muhammad Saleem Haider, **Muhammad Ali**, Asad Ullah, Urooj Mubashar and Muhammad Sajjad (2014) Positive allelopathic inter action between weeds extract and rice(*Oryza sativa* L.) seedlings. Sylwan., 158(8)183-197.
- Muhammad Ashfaq, Amna Ali, Muhammad Saleem Haider, **Muhammad Ali**, Muhammad Abdullah and Urooj Mubashar (2014) A Role of Weed Solvents on Seed Priming of Diverse Rice Germplasm Lines. J. OF PURE AND APPLI. MICRO., Vol. 8(3), p. 2175-2184.(IF:.16)
- Muhammad Ashfaq, Muhammad Saleem Haider, **Muhammad Ali** and Amna Ali. Genetic variability analysis of diverse rice germplasm lines by using various genotypic and phenotypic traits under water stress condition. International conference stress biology and biotechnology challenges and

CURRICULUM VITÆ

management, Institute of agricultural sciences, University of the Punjab, Lahore. Abstract book pp 92. (21-23 May 2014).

- Muhammad Ashfaq, Muhammad Saleem Haider, **Muhammad Ali**, Amna Ali and Gohar Ayub.(2014) Genetic variability analysis of diverse rice germplasm lines under stress condition. Abstracts book Borlaug Summit on wheat for Food Security pp 107.
- Muhammad Ashfaq, Muhammad Saleem Haider, Abdus Salam Khan, **Muhammad Ali**, Amna Ali and Urooj Mubashar (2014). Breeding for micronutrient improvements in rice (*Oryza sativa* L.) for better human health. Journal of Food, Agriculture & Environment Vol.12 (2): 365 - 369.
- Urdu Article with the title” Prof. DR. Mujahid Kamran: Shaksiat Oar Tasneef” (23 May 2014 Nawaiwaqat Newspaper- Page 16).
- Muhammad Ashfaq, Amna Ali, Sana Siddique, Muhammad Saleem Haider, **Muhammad Ali** and Syed Bilal Hussain. (2013). *In-vitro* Antibacterial Activity of *Parthenium hysterophorus* against Isolated Bacterial Species from Discolored Rice Grains. Inter. J. Agri. Biol. Int. J. Agric. Biol., Vol. 15(6), 1119–1125
- Hafiz Azhar Ali khan, Waseem Akram , Sarfraz Ali khan, Muhammad Razaq and **Muhammad Ali**. 2013 First report of insecticides resistance in house flies(Diptera:Muscidae) from Pakistan, 33rd Pakistan congress of zoology 398
- **M. Ali.**, Ashfaq M., Haider M.S., Ashfaq M. and Anjum F. (2013) Bio-Chemical characters of eggplant (*Solanum melongena* L.) leaves and their correlation with the fluctuations of jassid (*Amrasca biguttula biguttula*(Ishida)) populations. Proceeding of XV EUCARPIA Meeting on Genetics and Breeding of Capsicum and Eggplant 2-4 September 2013, Torino Italy. pp (21-27).
- Shahbaz Ahmad, Hafiz Azhar Ali Khan and **Muhammad Ali** 2012. Relative efficacy of granule insecticides for the management of *Chilo infuscatellus*(Lepidoptera:Pyralidae) in Pakistan .Mycopath.10(2):97-99.

CURRICULUM VITAE

- David B. Stafford, Muhammad Tariq, Denis J. Wright, John T. Rossiter, Eleana Kazana, Simon R. Leather, **Muhammad Ali** and Joanna T. Staley (2012), Opposing effects of organic and conventional fertilizers on the performance of a generalist and a specialist aphid species. *Agricultural and Forest Entomology* 14(3) 270–275.(IF:2.15)
- **Ali, M.**, Ashfaq, M., Akram W., Sahi , S. T. and Ali, A., 2012. The physiomorphic characters of the brinjal (*Solanum melongena* l.) plant and their relationship with the jassid (*Amrasca biguttula biguttula* (Ishida) population fluctuation. *Pak. J. Agri. Sci.*, Vol. 49(1), 73-77. .(IF:1.24)
- Ashfaq, M., **Ali, M.** and Akram, W., 2008. Studies on the control of wheat aphid (*Sitobion avenae*) through bio-pesticides and habitat management. The council for international congresses of Entomology & the Entomological society of southern Africa.pp.39.

URDU NEWSPAPER ARTICLES:

- Article published in “Roznama Nawa-i-waqt Lahore” with the Title “**Sihaat Bakhas Sabziat oar ba kifiat Kitchen Gardening** ” 21 July 2014 Color Page Zarat Tallem and Tijarat .pp16
- Article published in “Roznama Nawa-i-waqt Lahore” with the Title “ **Zarat main Jadeed Technology ka Fuqdaan**” 21 October 2013 Color Page Zarat Tallem and Tijarat .pp16
- Article published in “Roznama Nawa-i-waqt Lahore” with the Title “**Nizaam Taleem main Taraqi Ka saffer**” 03 DEC 2013 Color Page Special Taleemi Edition pp16.
- Article published in Zari Digest with the Title “**Maydany Zarat Main Inqalab Afrien Tahqeeq**” PP, 60 No. 44 (1, 2 2009).

CURRICULUM VITÆ

- Article published in “Roznama Nawaiwaqt Lahore” with the Title “ **Zarat main Jadeed Technology ka Fuqdaan**” 21 October 2013 Color Page Zarat Tallem and Tijarat .pp16

MEMBERSHIP OF LEARNED BODIES:

- Member for Eucarpia (EUROPEAN ASSOCIATION FOR RESEARCH ON PLANT BREEDING) SWITZERLAND.
- International club, University of Agriculture, Faisalabad.
- The Art club, University of Agriculture, Faisalabad.
- Young Entomological Society, University of Agriculture, Faisalabad.
- Worked as Member of The Autumn Flower Show, 14-16, Dec. 2009 organized by Institute of Horticultural Sciences, University of Agriculture Faisalabad.

CO-CURRICULAR ACTIVITIES:

- Worked as Media advisor “FAKHERAY SADA” (Monthly Agriculture Magazine (2007 to 2009).
- Worked (PART TIME) in “KOOK” Television Channel in the Program of Agriculture “Madi Zarat” as Anchor person. (Dec, 2006-August 2012)
- Worked (PART TIME) in “APNA CHENNAL” Television Network in the Program of Agriculture “Apna Kisaan Apni Zarat” as Anchor person. (April, 2007 to August 2012).

CERTIFICATES OF HONOUR:

- **Gold Medal** in Co-Curricular from University Of Agriculture, Faisalabad (17 June 2009)
- **University Color Award**” as best student of 2008 from University of Agriculture, Faisalabad. (26 August 2009)
- Certificate of best Management for “Best services in The Art Club”. University of Agriculture, Faisalabad.
- Certificate of Best Management for “Intervarsity Skits and Songs Competition (29 Dec2008)”. University of Agriculture, Faisalabad.

CURRICULUM VITÆ

- Certificate of honors as Stage Secretary at the “Annual function of University 2004, Sub Campus College of Agriculture D. G. Khan University of Agriculture, Faisalabad
- Certificate of Stage secretary “**Annual Function in the Honor of Yaman, Oman and Afghani Ambassador** (May 6, 2008), University of Agriculture, Faisalabad. 2008.
- Certificate of Honor for “Al-hamra Drama competition (Dec.6, 2006)” at **Punjab University Festival, University College Art & Design University of the Punjab Allama Iqbal Campus, Lahore.**
- Certificate of Honor for Arfana Kalam Singing Competition “Women Week, 2007 (March 11, 2007)” at **Fatima Jinnah Women University, Rawalpindi.**
- Certificate of Honor for Arfana Kalam competition in **PMIS Arid Agriculture University of, Rawalpindi** (10 April, 2010).
- Certificate of Honor (Kalam Bully Shah) Competition “Women Week, 2008 (March 13, 2008) **Fatima Jinnah Women University Rawalpindi.**
- Certificate of Honor for “Intera-university Performing Art Festival 2008” at **University College Art & Design Punjab University Festival, Lahore.**
- Certificate of Honor “Intera-University Performing Art Festival 2008” **University College Art & Design University of the Punjab Allama Iqbal Campus, Lahore.**
- Certificate of Honour and **ten thousands cash prize** on Singing of Arfana Kalam in “Performing Arts Festival December 16-18, 2007”. Under Supervision of Governor House Punjab Organized by **Bahauddin Zakariya University, Multan.**
- Certificate of singing Arfana Kalaam performance in the Function “Honour of German Ambassador”, **International club University** of Agriculture, Faisalabad (May17, 2007).
- Certificate of Honor with shield of Honor as chief organizer of Cultural Night show in 30th Pakistan Congress of Zoology Held In University of Agriculture, Faisalabad (March 2-4, 2010)
- Certificate of singing Arfana Kalaam of (Bully Shah) in the Function “**Governor Punjab Cultural Show 2006**” at University of Agriculture, Faisalabad.
- Certificate of Kissan Mela for “Best Performer ”., University of Agriculture, Faisalabad (23 October 2009).