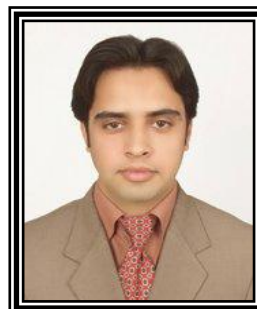


## ***DR. SHAHBAZ AHMAD***

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### ***Assistant Professor (Entomology)***

Institute of Agricultural Sciences (IAGS)  
Quaid-e-Azam Campus  
University of the Punjab  
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### ***Personal Data***

Date of Birth: 05-09-1983  
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### **RESEARCH FOCUS**

As entomologist my goal is to advance the integrated pest management (IPM) and ecology, strategy through mission-oriented research and extension. My research program is directed at improving our understanding of pest biology and ecology in vegetable and field crops systems and applying that information to develop practical, cost-effective, and environmentally sensitive pest management tactics. A significant portion of my research effort focuses on evaluating and demonstrating the potential usefulness and application of nonchemical alternatives, such as conservation biological control, and less toxic protectants derived from non-traditional sources such as microbial, entomopathogens, botanicals and oils.

### **ACADEMIC QUALIFICATIONS**

<b>Degree</b>	<b>Name of Institution</b>	<b>Major Subject</b>	<b>Year</b>
PhD Agri Entomology	University of Agriculture Faisalabad, Pakistan	<b>Integrated Pest Management (IPM)</b>	2011
M.Sc. (Hons) Agri-Entomology	University of Agriculture Faisalabad, Pakistan	<b>Entomology (Bio-control)</b>	2007
B.Sc. (Hons) Agriculture	University of Agriculture Faisalabad, Pakistan	<b>Entomology</b>	2005

## PROFESSIONAL EXPERIENCE/SKILLS

- ✦ **Assistant Professor**, Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore from 15-02-2012 to date.
- ✦ **Assistant Professor**, University College of Agriculture, University of Sargodha from 15-08-2011 to 14-02-2012.
- ✦ **Research Officer**, Project of Higher Education Commission of Pakistan (HEC), “**Multiplication of *Chrysoperlla carnea* as Bio-control agent in integrated of pest management**”. Department of Agri. Entomology, University of Agriculture, Faisalabad during 2007.
- ✦ **Internee**, internship in **Pest Warming Quality Control, Agriculture House**, Davis road Lahore during 2005.

## COURSES TAUGHT

- ✦ Advances in Pest Management Research
- ✦ Biological Control of Insect Pests
- ✦ Insecticides and their Application
- ✦ Research Methods in Entomology
- ✦ Advances in Biological Control of Insect
- ✦ Beneficial Insects

## RESEARCH EXPERIENCED

- ✦ Developing and Implementing Strategic IPM Module of Sugarcane Stem Borer *Chilo infuscatellus* (Lepidoptera: Pyralidae)
- ✦ Determination of the Toxicity of different insecticides against a larval parasitoid *Bracon hebetor* (Hymenoptera: Braconidae) in the laboratory

## LAB EXPERTIES

- ✦ Mass Rearing of predator *Chrysoperlla carnea* in the laboratory
- ✦ Mass rearing of egg parasitoid *Trichogramma chilonis* and *Sitotrga cereallela*
- ✦ Mass rearing of larval parasitoid *Bracon hebetor* *Galleria mellonella*
- ✦ Rearing of predatory beetle *Cryptolamous montrozrie*
- ✦ Use of Entomopathogen for pest control
- ✦ Development of IPM models for field and different Vegetables crops

## PROJECTS AWARDED

- 1) **DNA Barcoding and Management of *Chilo partellus* (Pyralida, Lepidoptera) by using sustainable approaches**, Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore 2016-17.
- 2) **Awareness of Dengue through seminars workshops and Road shows under the theme Social Integration Outreach Program”** by the joint program University of the Punjab and Higher Education Commission of Pakistan, 2015-16.
- 3) **Sustainable Management of Khapra beetle *Trogoderma granarium* by using different control methods**. Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore 2015-16.
- 4) **GIS- based monitoring heavy Metals contents in Soils of Selected areas of Lahore**, Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore 2015-16.
- 5) **Management of fruit flies (Tephritidae: Diptera) by using integrated pest Management (IPM) Approaches**. Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore 2014-15.
- 6) **Integrated Pest Management of Vegetables Crops** Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore 2013-14.
- 7) **Management of Dengue in Punjab, Pakistan**, Institute of Agricultural Sciences (IAGS) University of the Punjab, Lahore 2012-13.
- 8) **Sustainable management of Sugarcane Stem Borer *Chilo Infuscatellus* Pyralidae in Punjab Pakistan** by Higher Education Commissioned Pakistan (HEC) 2011-12.
- 9) **Multiplication of *Chrysoperlla carnea* as Bio-control agent in integrated of pest management”**. Department of Agri. Entomology, University of Agriculture, Faisalabad, 2007.

## PROFESSIONAL TRAININGS/ WORKSHOPS

1. Online course “How to Write and Abstract and Improve your Article” by **Elsevier Publishing Campus** USA, 2017.
2. One-day hands-on training on ENDNOTE arranged by Department of Microbiology and Molecular Genetics(MMG), January 12, 2016.
3. Workshop on TOTAL QUALITY MANAGEMENT organized by PSFT on Institute of Agricultural Sciences, University of the Punjab, Lahore on January 23, 2016.
4. International seminar on “Sustainable Production of Maize and Fodder Crops” held on January 10, 2017 at Institute of Agricultural Sciences, University of the Punjab.

5. Three days “Active Citizen Training of Facilitators” on September, 2015 by Higher Education Commission of Pakistan and British Council Pakistan
6. One-day workshop on Dengue Management held on 21 December, 2015 at Institute of Agricultural Sciences, University of the Punjab, Lahore.
7. Implementation of Active Citizen Program by British Council and Higher Education Commission of Pakistan held from 14-18 September, 2015 at Institute of Social and Cultural Studies, University of the Punjab, Lahore.
8. One day workshop on Next Generation Sequencing held on 14 July 2015 by Institute of Agricultural sciences, University of the Punjab, Lahore
9. Three weeks training on Professional Development Training on Ensuring Training Effectiveness Bangkok, Thailand March 23 to April 10, 2015.
10. International Conference on curriculum development held by HEC in March 2015 at Higher Education Commission of Pakistan (HEC) Islamabad, Pakistan
11. Two days workshop on learning outcomes held by HEC in March 2014 at Regional center, Lahore Higher Education Commission of Pakistan (HEC), Pakistan.
12. Two Days Workshop on Faculty Professional Training for the Core Modules, Micro Teaching and Teaching as Profession held from 19-20 June 2013 by Institute of Agricultural sciences, University of the Punjab, Lahore.
13. Two Months (**MT-FPDP**) Master Trainer Faculty Professional Development program held by HEC in October 2012 at LID Higher Education Commission of Pakistan
14. 2<sup>nd</sup> one-day workshop on Young Researchers Skill Development and NAYS Emerging Ideas Conference held at University of Punjab, 07 January 2011.
15. Research Orientation program held by HEC from August 13<sup>th</sup> to 27<sup>th</sup> 2007, University of Agriculture, Faisalabad.
16. 3<sup>rd</sup> National Workshop on “Sustainable and Integrated Management of Insect Pests and Diseases of Field crop” held 24-26 September, 2013 by Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad.

## **NATIONAL & INTERNATIONAL CONFERENCES/SEMINARS**

1. 38<sup>th</sup> Pakistan International Congress of Zoology, Organized by Department of Zoology, University of the Punjab from February 27- March 1, 2018.

2. International Conference on Innovation and Commercialization in Biotechnology (ICICB) organized by Food and Biotechnology research Centre, PCSIR Laboratories Complex, Lahore Ministry of Science & Technology, Govt. of Pakistan from 25<sup>th</sup> -26<sup>th</sup> , 2018
3. 65<sup>th</sup> Annual Meeting of the Entomological Society of America (ESA), Ignite, Inspire and innovate organized by Entomological Society of America (ESA) held in Denver, Colorado, U.S.A, October 5-8, 2017.
4. The first International Conference on Emerging Trends in Earth and Environmental Sciences (ETEES 2017) Organized by College of Earth and Environmental sciences, University of the Punjab, Lahore from March 09-10, 2017.
5. 1<sup>st</sup> International Conference on Conventional and Modern Approaches in Plant Sciences" on 28-29 November 2017 at Department of Botany, University of the Punjab, Lahore.
6. One Day International Seminar on “Sustainable Crop Production for Food Security Under Changing Climate” organized by Institute of Agricultural Sciences, University of the Punjab, Lahore on April 18, 2017.
7. International Congress of Entomology, (ICE) organized by Entomological Society of America (ESA) held in Orlando, Florida, U.S.A, September 25-30, 2016.
8. International Congress of Entomology and One Exclusive Day on Current Scenario and Management of Pink Bollworm” on 16-18, December 2016. Department of Entomology, University of Agriculture Faisalabad.
9. National Conference on Sustainable Management and Control of Fruit Fly Infestation on November 23-24, 2016. University of Agriculture Faisalabad.
10. 1st International salinity Conference (ISC-2016) held on 19-21 December, 2016 at Department of Soil Science University College of Agriculture and Environmental sciences, the Islamia University Bahawalpur, Pakistan.
11. 5<sup>th</sup> International Conference of Pakistan Phytopathological Society, Crop Protection for Sustainable Agriculture, 23-25 November, 2015 held in University of the Punjab.
12. "Entomology up North and to Asia Beyond" the 46th AGM and Scientific Conference of the Australian Entomological Society, held in Cairns 27 - 30 September 2015.

13. 26th Annual International Society for Environmental Epidemiology Conference held on the University of Washington campus in Seattle, Washington, USA on August 24-28th, 2014.
14. International Conference of Plant Sciences held on 22-24 September, 2014 by Government College University Lahore.
15. International Conference on Innovative Biological and Public Health Research (IBPHR-2014) held on May 06-08, 2014 by Government College University Lahore.
16. International Conference on Stress Biology and Biotechnology challenges and Management held on May 21-23, 2014 by University of the Punjab.
17. International Conference on “Environment and Health Bridging South, North, East and West” held on 19-23 August 2013 by Switzerland Swiss Tropical and Public Health Department (TPH) in Basel Switzerland.
18. Cairo International Conference for Clean Pest Management by Agriculture Research Center, Cairo, Egypt by held 12-13 November, 2012.
19. Two days Symposium on Dengue Fever: Virology and Vector Control held 31<sup>st</sup> January to 1<sup>st</sup> Feb 2013 by National Institute for Biotechnology and Genetic Engineering, Faisalabad.
20. National Seminar on “Developing Local Food Additives/Preservatives” held on 22 November, 2012 at Institute of Agricultural Sciences, University Of The Punjab.
21. International 32<sup>nd</sup> Congress of Zoology held by Government College, University, Lahore from 06-08 March, 2012
22. National Science Conference on Agriculture and Food Security Issues in Global Environmental Prospectus held by The University of Ponch Rawalakot, Kashmir from 11th 13th July 2012.
23. “Sustainable and Integrated Management of Insects pests and diseases of crops” at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Pakistan, July 26-28, 2011.
24. International Conference on “Prospectus & Challenges to Sustainable Agriculture” held at The University of Azad & Jammu Kashmir, 14-16 July, 2011.

25. Nuclear and other Advance Techniques in Agricultural and Biological Research at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Pakistan. November 22 to Dec, 03 2010.
26. Sustainable Management of Insect Pest of fruit with special reference to Citrus through Modern protection and Post Harvest Losses Reduction Techniques, From August 01 to 4<sup>th</sup> 2010, University of Agriculture, Faisalabad.
27. Seminar on, Integrated management of wheat with special reference to post harvest losses held by HEC (Higher Education Commission of Pakistan), from 26 March to 7 April 2007, Department of Agri. Entomology, University of Agriculture, Faisalabad.
28. International Symposium “Prospects of horticulture industry in Pakistan” by HEC, March 28-30, 2007, University of Agriculture, Faisalabad.

## **HONOR AND AWARDS**

- ✚ Merit scholarship holder during Ph.D. studies
- ✚ Merit scholarship holder during M. Sc. studies
- ✚ Member National Curriculum Revision Committee (NCRC) IN Agricultural Entomology (2013-2016), Higher Education Commission (HEC), Pakistan
- ✚ Certificate of Honor, 2<sup>nd</sup> position in M.Sc. (Hons.) class. Department of Agri. Entomology, UAF, Session 2004-2005.
- ✚ Certificate of Honor, 1<sup>st</sup> and position in cricket (as captain) during annual sports, held by Agrarian Society UAF, 2003-04.

## **MEMEBERSHIP**

- ✚ Entomology Society of America (**ESA**)
- ✚ International Organization of Biological Control (**IOBC**)
- ✚ National Curriculum revision committee NCRC of Entomology (**HEC**)
- ✚ Asia-Pacific Chemical, Biological& Environmental Engineering Society (**APCBEES**)
- ✚ International Society of Exposure Science (**ISES**)
- ✚ International Society of Environmental and Epidemiology (**ISEE**)
- ✚ Entomological Society of Pakistan (**ESP**)
- ✚ Young Entomological society (**YES**)
- ✚ National Academy of Young Scientist (**NAYS**)

✚ Pakistan Scientific and Technological Information Center (**PASTIC**)

## **ADVISORY & ADMINISTRATIVE SERVICES**

- ✚ Semester coordinator, Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore
- ✚ Member of Tree committee, University of the Punjab, Lahore
- ✚ Member of Dengue committee, University of the Punjab, Lahore
- ✚ Member of Departmental Doctoral Program Committee (DDPC). Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore
- ✚ Member of undergraduate and post graduate admission committee. Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore
- ✚ Member of disciplinary committee, Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore
- ✚ Member of sports committee, Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore

## **PUBLICATIONS**

1. **Ahmad, S**, Usman MU, Subhani M, Sarwar M, Naseem MK, Manan A, Mann, Qurban A, 2017. Evaluating the efficacy of *Trichogramma Chilonis* and effect of abiotic factors on percentage infestation of *Chilo partellus* Swine (Pyralidae, Lepidoptera) Int, J. Bio, Pharm. Allied Sci, Vol, 6(12): 2537-2546.
2. **Ahmad, S**, Haider MS, Gul S, Hanif N, Azeem A, Nadeem S, Salman S and Ali Q, 2017. Evaluation of some Indigenous Plant Extracts for the Management of *Sitophilus Oryzae* L. Coleoptera: Curculionidae. J. Research Eco. Vol, 5(02):1291-1297.
3. **Ahmad, S**, Chatha MB, Kaleem M, Binyameen M, Haider MU and Ali Q, 2017. Evaluation of some Indigenous Plants Extract for the management of Onion thrips (*Thrips tabaci*, Thysanura, Thripidae). Int, J. Bio, Pharm. Allied Sci, Vol, 6(10): 2028-2036.
4. Sehrish I, Shahid AI, Halim SA, Wolters PJ, Vleeshouwers VGAA, Khan A, Al Harasi, A and **Ahmad S**, 2017. Discovering Novel *Alternaria solani* Succinate dehydrogenase inhibitors by in Silico modeling and virtual screening strategies to combat early blight. Front. Chem., Vol,5 | <https://doi.org/10.3389/fchem.2017.00100>.



5. Salman, S, Khan SJ, Ali S, Marwat SK, Mahpara S, **Ahmad S**, and Ali Q, 2017. Genetic basis of flag leaf area in bread wheat (*Triticum aestivum* L.) under drought stress. Int, J. Bio, Pharm. Allied Sci, Vol, 6(11): 2245-2259.
6. Mumtaz S, Khan NA, Nadeem S, Ikram S, **Ahmad S** and Ali Q, 2017. Response of Rossa Gruss-an-Teplitz towards various levels of fertilizer application. Int, J. Bio, Pharm. Allied Sci, Vol, 6(11): 2233-2244.
7. Muzammil Sattar, Sardar Sajid Mehmood, Muhammad Rahim Khan, and **Shahbaz Ahmad**, 2016. Influence of Egg Parasitoid *Trichogramma chilonis* Ishii on Sugarcane Stem Borer (*Chilo infuscatellus* Snellen) in Pakistan. Pak. J. Zool. Vol. 48(4): 989-994. **(0.491)**
8. **Ahmad S**, M. Ashfaq, M. Hassan and S. T. Sahi, 2016, Study of Chemical Plant Factors on *Chilo infuscatellus* (Pyralidae: Lepidoptera) from selected Sugarcane Varieties. Pak, Entom., 38 (2) 135-139.
9. M, Shafiq, M, S, Arif, A, Bibi, M, Ali, M.S. Haider, M, Ashfaq, **S. Ahmad**, M. T, Manzoor and A, Aleem, 2016. Detection and Geographic distribution of Walachia Endosymbiont in natural population of the cotton leaf hopper (*Amrasca devastans*) in Pakistan. Pak, Entom., 38 (1) 141-146.
10. M, Ali, M, Ashfaq, M, H, Ranjha, A, Gulzar, **S, Ahmad** A, Ali, 2016. The host Plant Susceptible Indices and varital Preferences of Jassid (*Amerasia Bigtulla Bigtuella*) on egg plant in Punjab Pakistan, Pak, Entom., 38 (1) 15-18.
11. **Ahmad S**, Ali Q, Usman M, Ali M and Binyameen M, 2016. Evaluation of Indigenous Plant Extract against Aphid (*Schizaphis graminum*) under laboratory conditions, Int, J. Bio, Pharm. Allied Sci, Vol, 5(12): 3189-3196.
12. Nadeem S, Riaz A, Khan A, **Ahmad S** and Ahmad A, 2016. Salicylic acid effects on Physiological and Plant growth related traits of petunia under drought stress, Int, J. Bio, Pharm. Allied Sci, Vol, 5(12): 3231-3251.
13. A, Jaweria<sup>1</sup>, F, Naeem<sup>1</sup>, M, Malik, F, Javaid, Q, Ali, **S, Ahmad**, M.F. Khan and I, A. Nasir, 2016. Dengue Fever: Causes, Prevention and Recent Advances. J. Mosquito, Res, V.06, 32:1-9.
14. Q, Ali, A, Sultan, A, Azhar, N, Kanwal, F, Ali, A, Rasheed, M, Adnan, **S, Ahmad**, M.U.

Naseem, I. A Nasir and T, Husnain, 2016. Protein Engineering: A Brief Overview Methodologies and Applications, Life Science Journal:13(12) 46-55.

15. **Ahmad, S**, Sahar Naz, M Anjum Aqeel and Qurban Ali, 2015. Appraisal of Association among abiotic factors and population of *Chilo infuscatellus* (Pyralidae, Lepidoptera). New York, Sci, J. Vol. 8(5) 45-47.
16. **Ahmad, S**, 2015. Varietal Response of Sugarcane Cultivars against the *Chilo infuscatellus* (Pyralidae, Lepidoptera). Nat. Sci, J.VOL 13(6) 88-92.
17. M. Aqueel, C, M. Collins, A, M, Raza, **S, Ahmad**, M, Tariq, and S, R. Leather, 2014. Effect of plant nutrition on aphid size, prey consumption, and life history characteristics of green lacewing. Insect Science. Vol. 21(01), 74-82. **(2.026)**
18. Adnan Zahid, M. Ansar, A. A. Shahid, **S. Ahmad** and R. Q. Ali, 2014. Morphological and Chemical changes in three cultivars of Sorghum under dry conditions in Pakistan. Mycopath 12(1): 59-62.
19. H, Azhar Ali Khan, W, Akram, M, Ahsan Khan, N, Ahmad and S, **Ahmad**, 2013. Mango Leaf Gall Formation: Varietal Susceptibility and Within Tree Distribution. Pak. J. Agri. Sci., Vol. 50(1), 83-89. **(0.609)**
20. **Ahmad, S.**, H.A. A. Khan and M. Ali, 2012. Relative efficacy of granule insecticides for the management of *Chilo infuscatellus* (Lepidoptera: Pyralidae) in Pakistan. Mycopath: 10(2): 97-99.
21. **Ahmad, S.**, M. Saleem Haider and N, Mahmood, 2012. Mangement of Sugarcane Stem Borer (*Chilo infuscatellus*, Pyralidae Lepidoptera) by using cultural and mechanical control methods. Egypt. J. Agric. Res., 90(2): 151-157.
22. **Ahmad, S.**, M. Ashfaq, M, Hassan and S. T. Sahi, 2012. Potential of parasitoid *Trichogramma chilonis* against the Sugarcane Stem Borer (*Chilo infuscatellus*, Pyralidae Lepidoptera) under field conditions. Int. J. Bio and conservation, 4(1): 36-38.
23. **Ahmad, S.**, M. Ashfaq, M. Afzal, A. M. A. Raza, A. Aqeel, 2011. IPM Module for the Mangement of sugarcane stem borer (*Chilo Infuscatellus*, Pyralidae Lepidoptera) in Pakistan. Int. J. Agri. Appl. Sci, 3(2): 76-79.
24. **Ahmad, S.**, M. Ashfaq, R. Rasool and Azhar Ali, 2011. Toxicity of some insecticides against *Bracon Hebetor* (Say): A potential lepidopterous parasitoid. Kuwait, J, Sci, Eng, 38(2A): 185-192. **(0.090)**

25. **Ahmad, S.**, M. Ashfaq, M, Hassan and S. T. Sahi, 2011. Efficacy of different Insecticides against the Sugarcane Stem Borer (*Chilo infuscatellus*, Pyralidae Lepidoptera) In Punjab, Pakistan. Pub& Present. **International Conference on Prospects & Challenges to Sustainable Agriculture**. The University Azad Jammu Kashmir, 2011.
26. N. Mahmood., M. Aness, **S. Ahmad** and Zakauallah, 2011. Effect of Mulching on vegetables production in Tunnel farming. Mycopath, 9(1): 21-24.
27. Asif, M., A. Ali, M. Maqsood and **S. Ahmad**, 2010. Growth, Radiation uses efficiency and yield parameters of wheat affected by different levels of irrigation and nitrogen. ICBBT, April 2010. Pp: 434.
28. Hussain, R., A. S. Qureshi, and **S. Ahmad**. 2007. Skin Deep Secrets. Dawn Sci-tech World. 26 May, 2007. pp. 06.
29. Ashfaq, A., **S. Ahmad**, M. A. Ali, and R. H. Pasha. 2007. Pesticide pollution. Nation money plus November 26, 2007. pp. 15-16.

#### **CONFERENCE PRESENTATIONS/ PROCEEDINGS**

1. **Shahbaz Ahmad**, Repellent Activity of Plant Essential Oils against Rice Weevils, *Sitophilus oryzae* (Coleoptera: Curculinidae) present on International Conference on Biological Control of Pests and Diseases: Prospectus & Prospects organized by University of Karachi July 09-11 2018
2. **Shahbaz Ahmad**, Study on Insecticidal Activity of Plant Essential Oils against Khapra beetle, *Trogoderma granarium* E. (Coleoptera: Dermestidae) present on 38<sup>th</sup> Pakistan International Congress of Zoology, Organized by Department of Zoology, University of the Punjab from February 27- March 01, 2018.
3. **Shahbaz Ahmad**, Evaluation of Some Indigenous Plant Extract for the Management of Onion Thrips (*Thrips tabaci*, Thysanoptera: Thripidae)” 65<sup>th</sup> Annual Meeting of the Entomological Society of America (ESA), Ignite, Inspire and innovate organized by Entomological Society of America (ESA) held in Denver, Colorado, U.S.A, October 5-8, 2017.
4. **Shahbaz Ahmad**, Bioactivity of Methanolic Extracts of Plants and Essential Oils against Red Flour Beetle, *Tribolium castaneum*, (Coleoptera: Tenebrionidae) under Laboratory Conditions. 1<sup>st</sup> International Conference on Conventional and Modern Approaches in

Plant Sciences" on 28-29 November 2017 at Department of Botany, University of the Punjab, Lahore.

5. **Shahbaz Ahmad**, Evaluation of indigenous plant extract against the aphid, *Schizaphis graminum*, under laboratory conditions. International Congress of Entomology, (ICE) organized by Entomological Society of America (ESA) held in Orlando, Florida, U.S.A, September 25-30, 2016.
6. **Shahbaz Ahmad**” Comparison of Methanolic Extracts of Plants and essential Oils on Onion Thrips Tabci (Thysanoptera: Thripidae) under Laboratory conditions. International Congress of Entomology and One Exclusive Day on Current Scenario and Management of Pink Bollworm” on 16-18, December 2016. Department of Entomology, University of Agriculture Faisalabad.
7. **Shahbaz Ahmad** "Molecular Characterization of *Chilo partellus* Swine (Lepidoptera: Pyralidae) through sequence of mtDNA(CO1) gene " International Congress of Entomology and One Exclusive Day on Current Scenario and Management of Pink Bollworm” on 16-18, December 2016. Department of Entomology, University of Agriculture Faisalabad.
8. **Shahbaz Ahmad**, 2016. Review of Pest Significance, economic Influence and Management of Fruitfly, (Diptera: Tephritidae) in Pakistan, National Conference on Sustainable Management and Control of Fruit Fly Infestation on November 23-24, 2016. University of Agriculture Faisalabad.
9. **Shahbaz Ahmad**, 2015 The Sustainable development of Integrated plant protection in Pakistan in 5th International Conference of Phytopathological society of Pakistan held in University of the Punjab Pakistan.
10. **Shahbaz Ahmad**, 2015. Role of Entomopathogens in Plant Protection in Pakistan in 5th International Conference of Phytopathological society of Pakistan held in University of the Punjab Pakistan.
11. **Shahbaz Ahmad**. Screening of sugarcane cultivars to assess the incidence against *Chilo infuscatellus* (Pyralidae, Lepidoptera). Entomology up North and to Asia Beyond" the 46th AGM and Scientific Conference of the Australian Entomological Society, held in Cairns 27 - 30 September 2015, Australia.

12. **Shahbaz Ahmad**, Muhammad Ali and Muhammad saleem Haider. Post Emergence chemical control management strategies for corm rot in *gladiolus communis* L. Under field conditions held by Asia-Pacific Chemical, Biological & Environmental Engineering Society (**APCBEES**) January 4-5, Mercury Melbourne treasury Garden, Melbourne Australia, 2014.
13. **Shahbaz Ahmad**. Impact Assessment of weather factors on the population of *Chilo infuscatellus* (Pyralidae, Lepidoptera) in Southern areas Pakistan” at the 26<sup>th</sup> Annual International Society for Environmental Epidemiology (ISEE) held at the University of Washington campus in Seattle, Washington, USA on August 24-28th, 2014.
14. **Shahbaz Ahmad**, Muhammad Ali and Muhammad saleem Haider. Post Emergence chemical control management strategies for corm rot in *gladiolus communis* L. Under field conditions held by Asia-Pacific Chemical, Biological & Environmental Engineering Society (**APCBEES**) January 4-5, Mercury Melbourne treasury Garden, Melbourne Australia, 2014.
15. **Shahbaz Ahmad**, Impact assessment of Morpho-Physio, chemical and qualitative plant factors on the infestation of sugarcane stem borer (*Chilo Infuscatellus* L.) Pyralidae Lepidoptera held by Australian Entomological Society AGM and scientific conference in Canberra ACT, 29 Sep to 01 Oct, 2014 Australia.
16. **Shahbaz Ahmad**, Muhammad Ali and Azhar Ali Khan. Studies of the Methanolic plants extract against the larval of *Culex quinquefasciatus* (Diptera, Culicidae). International Conference on Innovative Biological and Public Health Research, Department of Zoology, Government College University Lahore, May 06-08, 2014.
17. Efficacy of Different Insecticides against the Sugarcane Stem Borer (*Chilo infuscatellus*, Pyralidae Lepidoptera) In Punjab, Pakistan
18. **Shahbaz Ahmad**, M. Saleem Haider and N, Mahmood, 2012. Management of Sugarcane Stem Borer (*Chilo infuscatellus*, Pyralidae Lepidoptera) by using cultural and mechanical control methods. Egypt. J. Agric. Res., 90(2): 151-157.
19. **Shahbaz Ahmad**, Impact of *Metarhizium anisopliae* on larval development of *chilo infuscatellus* (Pyralidae Lepidoptera) held at institute of Agricultural Sciences, University of the Punjab May, 21-23 2014.

20. **Shahbaz Ahmad**, Muhammad Ashfaq, Mansoor-ul-Hassan and Shahbaz Talib sahi. Efficacy of different Insecticides against the sugarcane stem borer (*Chilo infuscatellus*, Pyralidae, Lepidoptera) in Punjab, Pakistan. International Conference on “Environment and Health Bridging South, North, East and West” held on 19-23 August 2013 by Switzerland Swiss Tropical and Public Health Department (TPH) in Basel Switzerland.
21. **Shahbaz Ahmad**, Muhammad Ashfaq, Muhammad Afzal and Nasir Mahmood. IPM module for the sustainable Management of sugarcane stem borer, *Chilo infuscatellus* (Pyralidae, Lepidoptera) in Pakistan. National science conference on Agriculture and food security issues in global environmental prospective held 11<sup>th</sup> to 13<sup>th</sup>, 2012, University of Poonch Rawalkot.

## **REFERENCES:**

***Professor Dr. Muhammad Afzal***

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*University of Sargodha*

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*University of Agriculture Faisalabad*

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***Professor Dr. Sohail Ahmed***

*Professor Department of Entomology*

*University of Agriculture Faisalabad*

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