

# CURRICULUM VITAE

## DR. KAMRAN SOHIAL

Date of Birth: June 13, 1983

Citizenship: Pakistani

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Address: Department of Entomology, The University of Agriculture, Peshawar



## EDUCATION

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2016-2020	Ph. D, Agricultural Entomology and Pest Control, Northwest A&F University, China
Specialization	Insect systematics and biodiversity, Applied Entomology, Urban Pest Management
2008-2010	M. Sc (Hons) Agriculture, The University of Agriculture, Peshawar-Pakistan
Major	Agricultural Entomology
Grade	A+ (CGPA. 3.89/4.00, 91%)
2004-2007	B. Sc (Hons) Agric. (Entomology), The University of Agriculture. Peshawar-Pakistan
Grade	A+ (CGPA. 3.84/4.00, 86%)
Major	Agricultural Entomology
<b>Distinction</b>	<b>Silver medal at B. Sc (Hons)</b>
2002	F. Sc (Pre-Engineering) Board of Intermediate & Secondary Education Peshawar
Grade	A (789/1100, 72%)
2000	Matric (Science Group) Board of Intermediate & Secondary Education Peshawar
Grade	A (634/850, 74%)

**HEC Approved supervisor: YES**

**Ph. D scholars supervised:** Four (04) student's supervision currently in progress

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## **M. Sc (Hons) students supervised: (09)**

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- Thesis Title:**
1. Study of Ladybird beetle (Coccinellidae: Coleoptera) Fauna of Loralai, Pakistan
  2. Life Table attributes of *Chrysoperla carnea* (Stephens) rearing on *Sitotroga cerealella* eggs under laboratory conditions
  3. Effect of different Mulberry varieties on the growth and development of Silkworm (*Bombyx mori* L.) under laboratory conditions.
  4. Taxonomy of subfamily Delphacinae (Hemiptera:Fulgoridea) of Khyber Pakhtunkhwa Pakistan.
  5. Comparative efficiency of various Botanicals and an insecticide against tomato fruitworm *Helicoverpa Armigera* (Hubner)
  6. Taxonomic Study of Coccinellidae (Coleoptera) of District Peshawar Khyber Pakhtunkhwa.
  7. Taxonomic study of Fulgoridae (Hemiptera) of District Peshawar Khyber Pakhtunkhwa.
  8. Evaluation of some new chemistry insecticides against maize stems borer and shoot fly under field conditions.
  9. Taxonomic study of dragonflies of Gilgit region Gilgit Baltistan.

## **FELLOWSHIPS/AWARDS/Memberships**

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- ❖ **Elected Member of the Agricultural University Teacher's Association for the session 2022-23.**
  - ❖ **Elected Member Senate form Constituency of Lecturer from 2021-2024.**
  - ❖ **Awarded Chinese Government Scholarship for Ph. D from 2016-2020.**
  - ❖ **Member of the Proctorial Board of the University of Agriculture, Peshawar.**
  - ❖ **Higher Education Commission Islamabad-Pakistan, Teaching Assistant award.**
  - ❖ **Inter Provincial Co-ordination Department, Internship award.**

## **COFERENCES/PRESENTATIONS/TRAININGS**

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- ❖ Organizer in International Conference on "Food security through Agriculture strategies in the current Climate change scenario from March 08-10, 2023.

- ❖ Training consultant with Non-Governmental Organizations (CRA-N & Hujra Foundation) in Integrated Pest Management (IPM) and Integrated Nutrients Management (INM) in merged districts of Khyber Pakhtunkhwa-Pakistan from October, 2022-December, 2022.
- ❖ Organizer in International Conference on “Food security through sustainable plant protection strategies from January 16-20, 2022.
- ❖ Participated in 3<sup>rd</sup> Biosafety Training workshop for young Scientists at the Department of Agricultural Chemistry, The University of Agriculture, Peshawar on Jan 28<sup>th</sup>. 2014
- ❖ International conference on Climate Change: A challenge for Agriculturists at the University of Agriculture, Peshawar organized by HEC Pakistan from May 28<sup>th</sup>-30<sup>th</sup>, 2012.
- ❖ Attended Training course on Identification & Management of Biotic Stresses in Maize in Islamabad, December 8-10, 2015
- ❖ "Ensuring Training effectiveness" in the cascading of AIT based training programme organized by the University of Agriculture, Peshawar Jul 04-06, 2021.

## PROFESSIONAL EXPERIENCE

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| 1 <sup>st</sup> April, 2011-Till date   | <b>Lecturer, Department of Entomology, The Uni. of Agric. Peshawar, Pakistan</b>                                    |
| 28/04/2023 Till date                    | <b>Deputy Controller of Examination, The Uni. of Agric. Peshawar</b>  |
| 27 <sup>th</sup> Oct, 2010 to Mar, 2011 | <b>Resource Technical Officer (RTO), International Rescue Committee (Malaria and Leishmaniasis Control Program)</b> |

**Responsibilities of RTO** Planning and Implementation, Surveillance, Community Engagement, Capacity Building, Resource Management, Monitoring and Evaluation, Collaboration and Coordination, Research and Innovation, Policy and Advocacy

## Books/Book Chapter

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1. Shakeel Ahmad, Saqib Farooq, Ihsan Muhammad, Saeed Ul Haq, Kamran Sohail, Misbah Ullah, Xun Bo Zhou. 2023. The Role of Growth Regulators and Phytohormones in Overcoming Environmental Stress. Chapter 11 - Role of melatonin in regulating physiological and molecular aspects of plants under abiotic stress. Academic press, PP. 249-262.

## PUBLICATIONS

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1. Azaz Ali Shah, A. A, A. Usman, S. Khan, F. Khan, N. Ahmed, Fahd A. Al-Mekhlafi, Muhammad A. Wadaan, Saif ul Malook, T. Iqbal, M. Ullah, K. Sohail, H. Ali, I. Ali. 2024. Mealworm (*Tenebrio molitor*) rearing and growth optimization as a sustainable food source using various larval diets under laboratory conditions. *Entomol. Exp. Appl.* 00:1–10.  
doi: <https://doi.org/10.1111/eea.13463>
2. Naveed, H. B. Shah, K. Sohail, Z. Yalin, K. Chen. 2023. Review of the leafhopper tribe Deltocephalini Dallas, 1870 (Hemiptera, Cicadellidae, Deltocephalinae) in Pakistan with description of a new species of *Paramesodes*. *ZooKeys* 1186: 207–219. doi: [10.3897/zookeys.1186.110266](https://doi.org/10.3897/zookeys.1186.110266)
3. Afaq Ahmad, A., G. Z. Khan, M. Ullah, N. Ahmed, K. Sohail, I. Ullah, Najat A. Bukhari, K. Perveen, I. Ali, K. Li. 2023. Evaluation of different high doses aqueous plant extracts for the sustainable control of *Aedes aegypti* mosquitoes under laboratory conditions. *Journal of King Saud University – Science*, 35: 102991. doi: <https://doi.org/10.1016/j.jksus.2023.102991>
4. Ihsan, A., N. Ullah, R. Hussain, J. Sarwar, K. Sohail and W. Khan. 2023. Newly recorded genus of sub-family ophoninae (Hymenoptera: Ichneumonidae) from Pakistan. *Sarhad Journal of Agriculture*, 39(3): 590-593. Doi: <https://dx.doi.org/10.17582/journal.sja/2023/39.3.590.593>.
5. Khurshid, A., J. Sarwar, K. Sohail, H.M.F. Ayub, F. Muhammad, F.M. Khan and A. Ihsan. 2023. Comparison of different plant extract combinations against Jassid (*Amrasca devastans*) and whitefly (*Bemisia tabaci*) in okra crop. *Pakistan Journal of Weed Science Research*, 29(3): 149-155. DOI | <https://dx.doi.org/10.17582/journal.PJWSR/2023/29.3.149.155>
6. Ullah, N., A. Ihsan, S.F. Shah, M.S. Khan and S.H. Shah. 2022. A newly reported species of genus *Pseudoneoponera* Donisthorpe, 1943 (Formicidae: Ponerinae) from Azad Jammu and Kashmir, Pakistan. *Pakistan Journal of Agricultural Research*, 35(1): 47-51 (19) (PDF) *A Newly Reported Species of Genus Pseudoneoponera Donisthorpe, 1943 (Formicidae: Ponerinae) from Azad Jammu and Kashmir, Pakistan*. Available from: [https://www.researchgate.net/publication/358567510\\_A\\_Newly\\_Reported\\_Species\\_of\\_Genus\\_Pseudoneoponera\\_Donisthorpe\\_1943\\_Formicidae\\_Ponerinae\\_from\\_Azad\\_Jammu\\_and\\_Kashmir\\_Pakistan#fullTextFileContent](https://www.researchgate.net/publication/358567510_A_Newly_Reported_Species_of_Genus_Pseudoneoponera_Donisthorpe_1943_Formicidae_Ponerinae_from_Azad_Jammu_and_Kashmir_Pakistan#fullTextFileContent) [accessed Jul 18 2024].  
DOI | <https://dx.doi.org/10.17582/journal.pjar/2022/35.1.47.51>

7. Ahmad, I. , Misbah Ullah , M. Alkafafy , N. Ahmed , S. F. Mahmoud , **K. Sohail**, Habib Ullah , W. M. Ghoneem , M. M. Ahmed and S. Sayed. 2022. Identification of the economics, composition, and supplementation of maggot meal in broiler production. Saudi Journal of Biological Sciences. <http://doi.org/10.1016/j.sjbs.2022.03.027>.
8. Naveed, H., **K. Sohail**, G.Z. Khan & Zhang, Y.L. 2021. Oriental leafhopper (Hemiptera: Cicadellidae: Parallygus) first report from North West Pakistan with Redescription of Parallygus rameshi Viraktamath and Webb. Sarhad Journal of Agriculture, 37(3): 954-956. DOI | <https://dx.doi.org/10.17582/journal.sja/2021/37.3.954.956>
9. **Sohail, K.**, Huang, W.J. Usman, M. & Zhang, Y.L. 2020. First record of Tettigometridae (Hemiptera: Fulgoromorpha) from Pakistan: description of a new species including barcode identification. Zootaxa, 4816(2): 223-228.
10. Hassan Naveed, **Kamran Sohail**, Waqar Islam & Zhang, Y.L. 2020, Newly reported genus *Batracomorphus* Lewis (Hemiptera: Cicadellidae: lassinae) from Pakistan with description of a new species. Zootaxa, 4789(1):297-300.
11. **Sohail, K.**, Webb, M. & Zhang, Y.L. 2020. First record of the family Derbidae (Hemiptera: Fulgoroidea) from Pakistan with re description of *Kamendaka saccharivora* (Matsumura). Zootaxa, 4834(1):145-150.
12. Amjad Ali, Sabry M. Shaheen, Di Guo, Yiman Li, Ran Xiao, Fazli Wahid, Muhammad Azeem, **Kamran Sohail**, Tao Zhang, Jörg Rinklebe, Ronghua Li and Zengqiang Zhang. 2020. Apricot shell and apple tree-derived biochar affect the fractionation and bioavailability of Zn and Cd as well as the microbial activity in smelter contaminated soil. Environmental Pollution, 264 (114773).
13. **Sohail, K.**, Naveed, H, Daozheng Qin & Zhang, Y.L. 2020. Taxonomic study of the genus *Unkanodes* Fennah (Hemiptera: Fulgoroidea: Delphacidae) from Pakistan with a new species. ZooKeys, 955:1-13.
14. **Sohail, K.**, Webb, M & Zhang, Y.L. 2020. Newly recorded genera in the planthopper family Tropiduchidae (Hemiptera: Fulgoroidea) from Pakistan with re description of *Epura montana* Distant. Zootaxa, 4763(2):281-286.

15. **Sohail, K.**, Huang, W.J. & Zhang, Y.L. 2020. A new species of the genus *Kodaianellissus* Wang, Bourgoin & Zhang (Hemiptera: Issidae) with morphological and molecular data. *Zootaxa*, 4731 (2): 270–274. doi.org/10.11646/zootaxa.4731.2.6 (SCI, IF: 0.99)
16. **Sohail, K.**, Usman, M., Naveed, H & Zhang, Y.L. 2019. New Oriental genus in the tribe Caliscelini (Hemiptera: Fulgoromorpha: Caliscelidae) from Pakistan *Zootaxa* 4691 (1): 057–062. doi.org/10.11646/zootaxa.4691.1.4 (SCI, IF: 0.99)
17. Hassan Naveed, Waqar Islam, **Kamran Sohail** & Yalin Zhang. 2019. A new species in the grass feeding leafhopper Genus Hecalus Stål from Pakistan (Cicadellidae: Deltocephalinae: Hecalini). *Zootaxa*, 4712(2):595-599
18. Naveed, H., **K. Sohail**, W. Islam, Z. Yalin & Wen-Jun Bu. 2019. A review of the leafhopper tribe Deltocephalini (Hemiptera: Cicadellidae: Deltocephalinae) from Pakistan. *Revista Chilena de Entomología*, 45 (2): 283-292. doi.org/10.35249/rche.45.2.19.16
19. Naveed, H., **K. Sohail** & Y. Zhang. 2019. Newly recorded species in the subfamily deltocephalinae (Homoptera: Cicadellidae) from Pakistan. *Sarhad Journal of Agriculture*, 35(2): 618-622. DOI | <http://dx.doi.org/10.17582/journal.sja/2019/35.2.618.622>
20. **Sohail, K.**, M. Usman, Z. Yalin. 2019. First record of the family Meenoplidae (Hemiptera: Fulgoromorpha) from Pakistan. *Entomotaxonomia*, 41(1): 59–63, doi: 10.11680/entomotax.2019008.
21. Naveed, H., **K. Sohail**, Z. Yalin & Wen-Jun Bu. 2019. Review of the genus *Erythria* Fieber, 1866 (Hemiptera: Cicadellidae: Typhlocybinae) from Pakistan with description of a newly recorded species. *Pure and Applied Biology*. 8(2): 1600-1604. <http://dx.doi.org/10.19045/bspab.2019.80102>
22. Ahmad, B., N. Mehmood, **K. Sohail**, A. U. R. Saljoqi, A. Khan, A. Rab, H. Zada, & S. Hussain. 2019. In Vitro Management of Diamondback Moth (*Plutella xylostella* L.) Using Different Concentrations of Parthenium and Neem Extracts. *Journal of Agriculture Science and Technology*, 21(3): 659-669.
23. Fakhruddin, F. Said, S. F. Shah, T. Iqbal, M. Sabahatullah & **K. Sohail**. 2018. An illustrated key to the subfamilies of Braconidae (Hymenoptera) in Chitral district of Khyber Pakhtunkhwa, Pakistan. *J. Entomol. Zool. Std.* 6(2): 878-885.

24. Mehmood, S., **K. Sohail**, M. Qasim, S. Xu, H. Geng, M. Usman & Z. Huma. 2018. Host age effects and the efficiency of the pupal parasitoid *Dirhinus giffardii* (Silvester, 1913) (Hymenoptera: Chalcididae) against the melon fly *Bactrocera Cucubitae* (Coquillett, 1849) (Diptera: Tephritidae). Polish J. Entomol. 87(2): 177-190.
25. Usman, M., F. Amin, N. Saqib, **K. Sohail**, S. F. Shah & A. Aziz. 2018. Incidence of different insect visitors and their relative abundance associated with coriander in district Charsadda. Pure & Appl. Biol. 7(2): 539-546.
26. Naeem, S., S. Ahmad, **K. Sohail**, S. F. Shah & F. Subhan. 2017. Effect of systematic insecticides applied before flowering stage and densely grown Pea (*Pisum sativum*) on prevalence of insect pollinators. J. Entomol. Zool. Std. 5(1): 527-529.
27. Habib Ullah, S. Alam, Hamid Ullah Shah, Misbah Ullah, A. Zeb, **K. Sohail** and A. Sami. 2016. "Analysis of Physicochemical attributes of potato lines infected with *Rhizoctonia solanai*. International journal of Biosciences. 9(1): 415-420.
28. Wahab, M., Z. Ullah, M. Usman, S. Nayab, M. Ullah, M. Sajid & **K. Sohail**. 2016. Effect of three Ca-sources applications on fruit quality attributes of three peach cultivars in Pakistan. Pure & Appl. Biol. 5(3): 464-470.
29. Naeem, S., S. Ahmad, **K. Sohail**, R. Dad & B. Shah. 2016. Insect pollinators and their relative abundance on pea (*Pisum sativum*) at Peshawar. J. Entomol. Zool. Studies. 4(2): 112-117.
30. Iqbal, T., M. Inayatullah, K. Shahjeer, F.I Said, **K. Sohail**, S. F. Shah, B. Ahmad & M. Q. Kakar. 2015. Genus Epitranus Walker (Chalcididae: Chalcidoidea) with two species, new records for Khyber Pakhtunkhwa, Pakistan. J. Entomol. Zool. Std. 3(5): 316-320.
31. **Sohail, K.**, I.A. Khan, M.M. Haq, M. Usman, S.F. Shah, A. Mehmood, T. Iqbal & Fakhruddin. 2015. Insecticidal studies on *Heterotermis indicola* Wasmann (Isoptera: Heterotermitidae) under laboratory conditions. J. Entomol. Zool. Std. 3(3): 348-350.
32. Rizvi, S.A.H., M. Ayub, M. Hashmi, **K. Sohail** & S. Jaffar. 2015. Effect of different synthetic chemical insecticides on potato aphid (*Macrosiphum euphorbia*, Thomas) and their inauspicious effect of lace wing in Skardu Baltistan, Pakistan. Int. J. Appl. Res. 1(11): 117-119.

33. **Sohail, K.**, S. Jan, A. Usman, S. F. Shah, M. Usman, M. Shah, M. A. Mashwani & A. Mehmood. 2015. Evaluation of some botanical and chemical insecticides against the insect pests of okra. J. Entomol. Zool. Studies. 3(2): 20-24.
34. Naeem, S., S. Ahmad, **K. Sohail**, S.F. Shah & K. Naeem. 2015. Study of relative abundance of different mosquito genera in different habitats at Peshawar. J. Entomol. Zool. Std. 3(4): 391-394.
35. Khan, I., M. Nawaz, F. Said, **K. Sohail** & Subhanullah. 2015. Integrated pest management of maize stem borer, *Chilo partellus* (Swinhoe) in maize crop and its impact on yield. J. Entomol. Zool. Std. 3(5): 470-473.
36. Latif, Z., S. Ahmed, **K. Sohail**, L. Khan & M. Ishfaq. 2015. Population density of jassids (*Amrasca Biguttula Biguttula*) and thrips (Thrips Tabaci) on cotton crop and efficacy of some botanical insecticides against cotton jassids and thrips J. Biodiv. Env. Sci. 7(1): 272-280 (Impact factor=1.356)
37. Mashwani, M.A, Farmanullah, S. Ahmad, **K. Sohail**, S. F. Shah & M. Usman. 2015. Infestation of maize stem borer, *Chilo partellus* (Swinhoe) in maize stubbles and stalks. J. Bio div. Env. Sci. 7(1): 180-185 (Impact factor=1.356)
38. Rizvi, S.A.H, S. Ahmad, **K. Sohail**, M. Akbar, F. Begum, G. Raza, M. Ali & S. Jaffar. 2015. Population dynamics, distribution and control of Drosicha mealybug, Drosicha sp. (Homoptera: Coccidae) on willow tree (*Salix wilhelmsiana*) in district Skardu Gilgit-baltsitan, Pakistan. J. Biodiv. Env. Sci. 6(3): 265-271. (Impact factor=1.356)
39. Misbah Ullah, M. Inayatullah, N. Ahmed, **K. Sohail**, Habibullah, S. Ahmed, M. Kamran. 2015. Evaluation of vegetable extracts as natural lures for female *Bactrocera cucurbitae* (Diptera:Tephritidae). J. Entomol. Zool. Std. 3(4): 458-461.
40. Abbas, A., L. Khan & **K. Sohail**. 2015. Population density of aphid (*Myzus persicae* Sulzer) and lady bird beetle (*Coccinella septempunctata*) on spring potato cultivars, Gilgit, Pakistan. J. Entomol. Zool. Std. 3(2): 142-145.
41. Khan, H., I.A. Khan, I.U. Khan, **K. Sohail**, A. Khan & S.H. Hussain. 2015. The efficacy of some plant extracts against *Culex quinquefasciatus* (Say) (Diptera: Culicidae). J. Entomol. Zool. Std. 3(3): 212-214.



42. Usman, A, I. A. Khan, M. Shah, **K. Sohail** & F. Syed. 2015. Influence of various biochemical factors on the occurrence of *Helicoverpa armigera* (Hubner) in Tomato. J. Entomol. Zool. Std. 3(3): 63-68.
43. **Sohail, K.**, I. A. Khan., A. U. R. Saljoqi., F. Manzoor., S. Ashfaq & A. Sadozai. 2014. Tunneling behavior of *Heterotermis indicola* Wasmann (Isoptera: Rhinotermitidae) under insecticide treated conditions. Sarhad J. Agric. 30(1): 111-115.
44. Shah, J.A., M. Inayatullah, **K. Sohail**, S.F. Shah, S. Shah & T. Iqbal. 2013. Efficacy of botanical extracts and a chemical pesticide against tomato fruit worm (*Helicoverpa armigera*) (Noctuidae: Lepidoptera). Sarhad. J. Agric. 29(1): 93-96.
45. Rafi. A., A. Hameed., M. A. Akhtar, Farhatullah, **K. Sohail.**, M. Shahid & M. Fahim. 2013. Identification and characterization of *Xanthomonas oryzae* pv *oryzae* in north-west of Pakistan. Sarhad J. Agric. 29(3): 423-432.
46. Usman, A., M. Inayatullah, **K. Sohail**, S.F. Shah. M. Usman & K. Khan. 2012. Comparing the efficacy of *Chrysoperla carnea* (stephen), Neem seed extract and chemical pesticide against tomato fruit worm (*Helicoverpa armigera* Hub.). Sarhad J. Agric. 28(4): 611-615.
47. Usman, M., M. Inayatullah, A. Usman, **K. Sohail** & S.F. Shah. 2012. Effect of egg parasitoid, *Trichogramma chilonis*, in combination with *Chrysoperla carnea* and Neem seed extract against tomato fruitworm (*Helicoverpa armigera*). Sarhad J. Agric. 28(2): 253-254.
48. Ahmad, S., S. saleem, M. Zubair, I.A. Khalil, **K. Sohail** & Zia-ur- Rehman. 2012. Farmers practices and yield response of sugarcane in Jhang and Sargodha Districts. Sarhad J. Agric. 28(2): 237-243.
49. Ashfaq, S., I.A. Khan, A.U.R. Saljoqi, S. Ahmad, F. Manzoor, **K. Sohail**, K. Habib & A. Sadozai. 2011. Population dynamics of insect pest of cotton and their natural enemies. Sarhad J. Agric. 27(2): 251-253.
50. **Sohial, K.**, S. Jan, S.F. Shah, H. Ali, M. Israr, M. Farooq, S. Jan, M. Arif & B. Ahmad. 2011. Effect of different chemical pesticides on mustard aphid (*Lipaphis Erysimi*) and their adverse effects on ladybird beetle. Sarhad J. Agric. 27(4): 611-615.