

SYED FAHAD SHAH**NATIONALITY: PAKISTANI**

Assistant Professor,
Department of Entomology,
The University of Agriculture Peshawar
25130, Khyber Pakhtunkhwa-Pakistan.
Email: shah.fahad@aup.edu.pk
Mobile:+923439889495

CAREER OBJECTIVES

My broader research interests focus on Taxonomy, Systematic and Phylogeny of Hymenoptera. I have specific interest (but not limited to) on Taxonomy, Systematic and phylogeny of superfamily Chalcidoidea, Family Pteromalidae.

CAREER SUMMARY IN RESEARCH

- During my M.Sc. (Hons), I Identified 18 species in 8 genera of Aphidinae (Hymenoptera: Braconidae) from Skardu, Gilgit-Baltistan, Pakistan, 10 species were reported for the first time from Pakistan, out of which one species was new to science.
- During my B.Sc. (Hons), I successfully control wooly aphids with biological control agent *Aphelinus mali* in apple orchards of Skardu (Gilgit-Baltistan) Pakistan.

EDUCATION

The University of Agriculture, Peshawar Pakistan

M.Sc. (Hons.)

Specialization: Entomology **2011**

Thesis: Taxonomic Study of Aphidii (Hymenoptera: Braconidae) of Skardu, Gilgit Baltistan.

The University of Agriculture, Peshawar Pakistan

B.Sc. (Hons.) **2008**

Specialization: Entomology

Internship report: Taxonomic study of Braconidae of Skardu (Gilgit-Baltistan), Pakistan

AWARDS/GRANTS

- Award of subsistence allowance to un-employed 1st class graduate under the **2008-2009** project “Support to scientific talent” by Higher Education Commission, Pakistan.
- Received grant under HEC IRSIP Scheme for 06 months international research. **2018**

TEACHING EXPERIENCE

Assistant Professor

April, 2022 till date

Department of Entomology,

The University of Agriculture Peshawar, Pakistan.

Lecturer**April, 2011 – March, 2022**

Department of Entomology,

The University of Agriculture Peshawar, Pakistan.

PROFESSIONAL WORKSHOPS/TRAININGS ATTENDED

- Cascading of AIT based training program “Ensuring Training Effectiveness:” **July 4-6, 2012**
by Higher Education Commission Islamabad
- 3rd Biosafety Training Workshop for young Scientists **January 28, 2014**
- Data analysis techniques for crop, animal and social sciences **6th February, 2014**
by Agriculture University Teacher Association (AUTA)

CONFERENCE

- International Conference on “Food security through Agriculture strategies in the current Climate change scenario from (08-10, 2023).
- International conference on sustainable Agriculture and food security, organized by Agriculture University Teachers association, The University of Agriculture Peshawar (27th -31st August 2023).
- International Conference on “Food security through sustainable plant protection strategies (Januray 16-20, 2022).
- National Conference on “Innovative Technologies and Sustainable Development in Agriculture” at Baragali. Organized by The University of Agriculture Peshawar (held on 19-22nd August 2014).
- Training “Data Analysis Techniques for crop, animal and Social Sciences”. Organized by AUTA (February 6, 2014).

- International conference on Climate Change: A challenge for Agriculturists at the University of Agriculture, Peshawar organized by HEC Pakistan (May 28th-30th, 2012).
- Climate Change: A challenge for Agriculturists By Higher Education Commission Islamabad (May 28-30, 2012)
- Symposium on biodiversity of Pakistan-2011, organized by Pakistan Museum of Natural History, Islamabad (June 7-9, 2011)
- Poverty alleviation through sustainable agriculture development, By Agriculture University Teacher Association (AUTA) (July 25-27, 2002)

EXTRA CURRICULAR ACTIVITIES

- Member of “Inter Provincial Exchange of Students Delegation” **2005**
sponsored by Higher Education Commission (HEC), Islamabad.
- Participated in Urdu Debate held on Nov. 29, 2005, arranged by Literary **2005**
Society, and was awarded cash prize.
- Finance Secretary, Agricultural Anti-Narcotics Society (AANS), **2006**
The University of Agricultural Peshawar.
- Nominated for “National Youth Convention 2007”, arranged by Ministry of **2007**
Youth Affairs, Government of Pakistan.
- Participated in the Mega Science Exhibition, University of Peshawar. **2007**
- Worked as Senior Editor in “KHIRMAN” Students annual magazine of **2008**

The University of Agriculture, Peshawar.

- Vice-President, Cultural Society, The University of Agriculture Peshawar. **2005-2008**
- President, Farabi Science Club, The University of Agriculture Peshawar. **2008-2009**
- Student Proctor, The University of Agricultural Peshawar. **2004-2011**
- Chief Organizer, Agricultural Anti-Narcotics Society (AANS), **2011-2018**
The University of Agriculture Peshawar.
- Staff Proctor, The University of Agriculture, Peshawar. **2011 till date**

PUBLICATIONS AND PAPERS

JOURNAL ARTICLES

1. Sarwar, J., M. Zahid, M. Salman, **S. F. Shah**, M. Shah and A. Ihsan. 2024. Response of *Sitotroga cerealella* and *Trichogramma chilonis* to gamma irradiation exposure. Zoo Botanica 02(2): 105-109.
2. Leclercq, N. L. Marshall, T. Weekers, P. Basu, D. Benda, D. Bevk, R. Bhattacharya, P. Bogusch, A. Bont'sut'snaja, L. Bortolotti, N. Cabirol, E. Calder'on-Uraga, R. Carvalho, S. Castro, S. Chatterjee, M. De La Cruz Alquicira, J.R. de Miranda, T. Dirilgen, A. Dorchin, K. Dorji, B. Drepper, S. Flaminio, J. Gailis, M. Galloni, H. Gaspar, M.W. Gikungu, B.A. Hatteland, I. Hinojosa-Diaz, L. Hostinsk'a, B.G. Howlett, K.-L.J. Hung, L. Hutchinson, R.O. Jesus, N. Karklina, M.S. Khan, J. Loureiro, X. Men, J.-M. Molenberg, S. Mudri-Stojni'c, P. Nikolic, E. Normandin, J. Osterman, F. Ouyang, A.S. Oygarden, L. Ozolina-Pole, N. Ozols, A. Parra Saldivar, R.J. Paxton, T. Pitts-Singer, K. Poveda, K. Prendergast, M. Quaranta, S.F.J. Read, S. Reinhardt, M. Rojas-Oropeza, C. Ruiz, M. Rundl'of, A. Sade, C. Sandberg,

- F. Sgolastra, **S.F. Shah**, M.A. Shebl, V. Soon, D.A. Stanley, J. Straka, P. Theodorou, E. Tobajas, J.L. Vaca-Urbe, A. Vera, C.A. Villagra, M.-K. Williams, M. Wolowski, T.J. Wood, Z. Yan, Q. Zhang, N.J. Vereecken. 2023. Global taxonomic, functional, and phylogenetic diversity of bees in apple orchards. *Sci. Total Environ.* 901: 165933
3. Khan, A.A., **S. F. Shah**, T. Zaman, M.K. Shah, M. Hasnain, S. Khan, M. Amin, M. A. Khan and R. Hussain. 2022. Efficacy of botanical extracts and synthetic insecticide against tomato leaf miner (*Tuta absoluta* (Meyrick)) (Lepidoptera: Gelechiidae) on tomato. *Annals of R.S.C.B.*, 26(1): 1270-12-82.
 4. Ihsan, A., N. Ullah, M. Usman, **S.F. Shah**, Misbahullah, R. Hussain and J. Sarwar. 2022. Newly reported species of genus *Enicospilus* (Hymenoptera; Ichneumonidae; Ophioninae) from Pakistan. *Sarhad Journal of Agriculture*, 38(2): 685–692.
 5. 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.
 6. Hussain, R., A. Ihsan, N. Ullah, A.A. Shah, **S.F. Shah**, M. Usman and M.A. Khan. 2022. Appraisal of Plant Extracts and Chemical Control against Whitefly *Bemisia Tabaci*, (Genn) and Its Effect on Associated Natural Enemies in Round Chili. *Annals of the Romanian Society for Cell Biology*, 26(1): 1121–1132.
 7. Amin, F., **S. F. Shah**, M. Afzaal, A. Ihsan, M. A. Awan, S. Naeem, T. Rahim, H. Iftikhar, A. Khan, S. A. Shah and A. Rauf. 2021. Decomposing Rabbit Carrion and It's Associating Insect Fauna in District Peshawar, Khyber Pakhtunkhwa, Pakistan. *Annals of R.S.C.B.*, 26(1): 1996-2014.

8. Nisar, N. **S. F. Shah**, J. Sarwar, F. Amin and I. Rasheed. 2020. Impact of *Trichogramma chilonis* on Tomato fruit worm (*Helicoverpa Armigera* Hub.) in Tomato crop. Pure Appl. Biol. 9(1): 443-447.
9. Rasheed, I. **S. F. Shah**, J. Sarwar, A. Usman, M. Shah, M. Usman, F. Amin and N. Nisar. 2019. Screening of different insecticides against *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) and its effect on yield of tomato crop. Pure Appl. Biol. 8(1): 496-502.
10. Usman M., F. Amin, N. Saqib, K. Sohail, **S.F. Shah** and 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.
11. Amin, F. and **S. F. Shah**. 2017. Insect succession on Rabbit (*Oryctolagus cuniculus* L.) carrion in District Peshawar. Int. J. Biosciences. 10(6): 253-258
12. Sohail, K, S. Jan, A. Usman, **S. F. Shah**, M. Usman, M. Shah, M. A. Mashwani and A. Mehmood. 2015. Evaluation of some botanical and chemical insecticides against the insect pests of okra. J. Entomol. Zool. Studies. 3(2): 20-24
13. Iqbal, T, M. Inayatullah, K. Shahjeer, F.I. Said, K. Sohail, **S. F. Shah**, B. Ahmad and M. Q. Kakr. 2015. Genus Epitranus Walker (Chalcididae: Chalcidoidea) with two species, new records for Khyber Pakhtunkhwa, Pakistan. J. Entomol. Zool. Studies. 3(5): 316-20.
14. Sohail, K, S. Jan, A. Usman, **S. F. Shah**, M. Usman, M. Shah, M. A. Mashwani and A. Mehmood. 2015. Evaluation of some botanical and chemical insecticides against the insect pests of okra. J. Entomol. Zool. Studies. 3(2): 20-24

15. Sohail, K., I.A. Khan, Muhammad Misbah Ul Haq, M. Usman, **S.F. Shah**, A. Mehmood, T. Iqbal and Fakhruddin. 2015. Insecticidal studies on *Heterotermis indicola* Wasmann (Isoptera: Heterotermitidae) under laboratory conditions. J. Entomol. Zool. Stu. 3(3): 348-350.
16. Shinwari, I., S. Khan, M. A. Khan, S. Ahmad, **S. F. Shah**, M. A. Mashwani and M. A. Khan. 2015. Evaluation of artificial larval diets for rearing of fruit fly *Bactrocera zonata* (Diptera: Tephritidae) under laboratory condition. J. Entomol. Zool. Stud. 3(4): 189-193.
17. Mashwani, M. A, Farmanullah, S. Ahmad, K. Sohail, **S.F. Shah** and M.Usman. 2015. Infestation of maize stem borer, *Chilo Partellus* (Swinhoe) in maize stubbles and stalks. J. Bio. Environ. Sci. 7(1): 180-185
18. Naeem, S., S. Ahmad, K. Sohail, **S.F. Shah** and K. Naeem. 2015. Study of relative abundance of different mosquito genera in different habitats at Peshawar. J. Entomol. Zool. Std. 3(4): 391-394.
19. Rafi. A., A. Hameed., M. A. Akhtar., S. M. A. Shah., M. Junaid., M. Shahid and **S. F. Shah**. 2013. Field based assessment of rice bacterial leaf blight in major rice growing zones of Pakistan. Sarhad J. Agric. 29(3): 415-422.
20. Shah, J.A., M. Inayatullah, K. Sohail, **S.F. Shah**, S. Shah, T. Iqbal and M. Usman. 2013. Efficacy of botanical extracts and a chemical pesticide against tomato fruit worm, *Helicoverpa Armigera* (Lepidoptera: Noctuidae). Sarhad J. Agric. 29(1): 93-96.
21. Usman, A., M. Inayatullah, K. Sohail, **S.F. Shah**, M. Usman, K. Khan and M.A. Mashwani. 2012. Comparing the efficacy of *Chrysoperla Carnea* (Stephen), neem seed extract and chemical pesticide against tomato fruit worm (*Helicoverpa Armigera* Hubner). Sarhad J. Agric. 28(4): 611-615.

22. Usman, M., M. Inayatullah, A. Usman, K. Sohail and **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):253-257.
23. Khan, S.M., I. Saeed, M. Shah, **S. F. Shah** and H. Mir. 2012. Integration of tolerance of bt cotton varieties with insecticides against spotted bollworm, *Earias insulana* (BOISD) and *E. vittella* (FAB) (Noctuidae: Lepidoptera). Sarhad J. Agric. 28(1): 57-62.
24. Khan, M.A., A.U.R. Saljoqi, I.A. Khan, Q. Zeb, M. Sajid, M. Mishwani, S. Khan, S. Zeb, **S.F. Shah**, M. Saleem, Z.E. Huma and H.U. Awan. 2012. Toxicity of foliar insecticides to ladybird beetle predator of green peach aphid, *Myzus persicae* (sulzer) on potato varieties. Sarhad J. Agric. 28(2):283-290.
25. Khan, M.A., A.U.R. Saljoqi, I.A. Khan, S. Khan, Q. Zeb, M. Sajid, M. Mishwani, S.Z. Khan, **S.F. Shah**, M. Saleem, Z.E. Huma and B. Khattak. 2012. Toxicity of foliar insecticides to syrphidfly predator of green peach aphid, *Myzus persicae* (sulzer) on potato varieties. Sarhad J. Agric. 28(2):291-296.
26. Sohial, K., S. Jan, **S.F. Shah**, H. Ali, M. Israr, M. Farooq, S. Jan, M. Arif and 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.

ORAL PRESENTATION

Study the genera of Aphidiinae (Hymenoptera: Aphidiinae) of Skardu, at Symposium on biodiversity of Pakistan-2011, organized by Pakistan Museum of Natural History, Islamabad

REFERENCES

1. Prof. Dr. Maqsood Shah,
Department of Entomology,
The University of Agriculture, Peshawar, Pakistan.
Email: mshah@aup.edu.pk
2. Dr. Amjad Usman,
Chairman, Department of Entomology
The University of Agriculture, Peshawar.
Email: amjadusman@aup.edu.pk