

Dr. Hafiz Azhar Ali Khan

(Gold Medalist)

Associate Professor (Regular/BPS-20)

Department of Entomology

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EDUCATION:

Degree Level	University	CGPA/ %age/ grade	Major Subjects
B.Sc. (Hons.)	Bahauddin Zakariya University (BZU), Multan	3.94/4.00 (86.36%) with Gold Medal (1 st Position)	Entomology
M.Sc. (Hons.)/M.Phil.	University of Agriculture, Faisalabad	3.94/4.00 (83.33%) Distinction (2 nd Position)	Entomology
Ph.D.	Bahauddin Zakariya University, Multan	4.00/4.00 Distinction	Entomology*
Graduate diploma in statistics (online)	ALISON, Ireland	A	Statistics
Statistics, correlation and regression in mathematics (online)	ALISON, Ireland	A	Statistics

*thesis title: Insecticide resistance, survival fitness and development of chemical based management strategies for house fly, *Musca domestica* L., from dairies of Punjab, Pakistan.

WORK/PROFESSIONAL EXPERIENCE: 16 Years

RESEARCH INTERESTS: Insecticide resistance; ecotoxicology; insect ecology & behavior; the use of insecticides in Integrated Pest Management (IPM)

TOTAL PUBLICATIONS: 180 (including 86 as a first and/or corresponding author)

IMPACT FACTOR: 305

CITATIONS: 4100

h-INDEX: 33

PUBLICATIONS (selected ten)

1. **Khan HAA**, Khan T. (2026). Multigenerational exposure to the fungicide tebuconazole reveals hormetic effects on the demography and biology of a non-target vector mosquito *Aedes albopictus*. ***Aquatic Toxicology*** 292: 107752 (Impact Factor = 4.3)
2. **Khan HAA**, Bukhari M. Effects of selected nuts on the biology of *Trogoderma granarium* Everts. ***Scientific Reports*** (accepted: in press) (Impact Factor = 3.9)
3. **Khan HAA**, Khan T, Iqbal N. (2025). Sublethal and hormetic effects of the fungicide tebuconazol on the biology of a nontarget pest insect, *Musca domestica*. ***Science of the Total Environment*** 973: 179155 (Impact Factor = 8.0)
4. **Khan HAA**, Khan T, Iqbal N. (2025). Biocontrol potential of isolates of *Aspergillus flavus* and *Aspergillus parasiticus* against *Rhizopertha dominica*, *Trogoderma granarium*, and *Tribolium castaneum*. ***Journal of Stored Products Research*** 114: 102799 (Impact Factor = 2.8)
5. Bukhari M*, **Khan HAA***.[*“joint-first-authors”]. (2025). Effectiveness of pirimiphos-methyl, alpha-cypermethrin, spinetoram and thiamethoxam alone and in combination with diatomaceous earth for the control of *Trogoderma granarium* on rough rice. ***Journal of Stored Products Research*** 112: 102675 (Impact Factor = 2.8)
6. Bukhari M*, **Khan HAA***.[*“joint-first-authors”]. (2025). Susceptibility and resistance profiles of field and laboratory strains of *Trogoderma granarium* Everts to pirimiphos-methyl, alpha-cypermethrin and spinetoram. ***PeerJ*** 13:e19423 (Impact Factor = 2.7)
7. Bukhari M*, **Khan HAA***.[*“joint-first-authors”]. (2025). Influence of temperature and relative humidity on the combined efficacy of insecticides and diatomaceous earth for the control of *Trogoderma granarium* on rough rice. ***Journal of Stored Products Research*** 114: 102740 (Impact Factor = 2.8)
8. Javaid S, Mukhtar MK, Amjad N, Khan SY, **Khan HAA**. (2025). Enzymatic detoxification of insecticides in blowfly (*Chrysomya megacephala*): a threat to ectoparasite control in livestock from Central Punjab, Pakistan. ***Pakistan Veterinary Journal*** 45: 825-833 (Impact Factor = 5.4)
9. **Khan HAA**. (2024). Lethal and sublethal effects of cyromazine on the biology of *Musca domestica* based on the age-stage, two-sex life table theory. ***Toxics*** 12(1): 2 (Impact Factor = 4.1)
10. **Khan HAA**. (2024). Lack of fitness costs associated with resistance to permethrin in *Musca domestica*. ***Scientific Reports*** 14(1): 245 (Impact Factor = 3.9)