

Author Biography

I believe in living a goal-oriented life and carrying out my responsibilities with passion and determination

Inzamam Ul Haq

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Contact Information

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Personal Information

Date of Birth : January 05, 1994
Nationality : Pakistani
Passport No. : CS1712552
C.N.I.C : 32201-9586255-9
Marital status : Single
Religion : Islam

Research Information Links

ORCID ID : <https://orcid.org/0000-0001-5707-3612>
Google Scholar : <https://scholar.google.com/citations?hl=en&user=OTaxnGAAAAAJ>
Researchgate : <https://www.researchgate.net/profile/Inzamam-Haq-7>
Academia : <https://independent.academia.edu/InzamamUlHaq77>

Language

- ✓ English
- ✓ Chinese (HSK-3 August 2021)
- ✓ Urdu

Work Experience

2017.8 – 2019.3

Punjab Education Department Pakistan

School Teacher

2015.3 – 2015.7

Ayub Agricultural Research Institute Faisalabad, Pakistan

Internee

Academic Qualification

PhD Plant Protection (2019-2023)

The College of Plant Protection **Gansu Agricultural University** Lanzhou, China

- ✓ Three years of courses and research with a major in **Crop Protection**
- ✓ Securing 85.8 % marks

Research direction:

- ✓ Eco-friendly Management of Fall armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae)
- ✓ Satellitome Analysis and Transposable Elements Comparison in Geographically Distant Populations of the Fall armyworm, *Spodoptera frugiperda*

M.Sc. (Hons.) Agri. Entomology (2015-2017)

Department of Agri. Entomology **University of Agriculture Faisalabad**, Pakistan

- ✓ Two years of courses and research with a major in **Agri. Entomology**
- ✓ Securing CGPA 3.52/4.00 (1st division)

Research direction:

- ✓ Effect of irrigation regimens on the efficacy of systemic insecticides in cotton against whitefly, *Bemisia tabaci* (Homoptera: Aleyrodidae).

Published Research Articles

1. **Haq, I.U.**; Idrees, A.; Abbasi, A.; Ali, S.; Asad, M.; Li, C.; Liu, C.-Z.; Zhang, K.-X.; Yasin, M.; Asghar, M.A.; et al. Silicon Accumulation in Maize and its Effects on Demographical Traits of Fall armyworm, [*Spodoptera frugiperda* (J. E. Smith)]. *Silicon* **2022**, 14, <https://doi.org/10.1007/s12633-022-02250-0>
2. **Haq, I.U.**; Zhang, K.; Ali, S.; Majid, M.; Ashraf, H.J.; Khurshid, A.; Inayat, R.; Li, C.; Gou, Y.; Al-Ghamdi, A.A. Effectiveness of silicon on immature stages of the fall armyworm [*Spodoptera frugiperda* (JE Smith)]. *Journal of King Saud University-Science* **2022**, 34, 102152. <https://doi.org/10.1016/j.jksus.2022.102152>
3. **Haq, I.U.**; Muhammad, M.; Yuan, H.; Ali, S.; Abbasi, A.; Asad, M.; Ashraf, H.J.; Khurshid, A.; Zhang, K.; Zhang, Q.; et al. Satellitome Analysis and Transposable Elements Comparison in Geographically Distant Populations of *Spodoptera frugiperda*. *Life* **2022**, 12, 521. <https://doi.org/10.3390/life12040521>

4. **Haq, I.U.**; Khurshid, A.; Inayat, R.; Kexin, Z.; Changzhong, L.; Ali, S.; Zuan, A.T.K.; Al-Hashimi, A.; Abbasi, A.M. Silicon-based induced resistance in maize against fall armyworm [*Spodoptera frugiperda* (Lepidoptera: Noctuidae)]. *Plos one* **2021**, 16, e0259749, <https://doi.org/10.1371/journal.pone.0259749>
5. Shi, B.; **Haq, I.U.**; Fiaz, S.; Xu, M.-L.; Wang, J.-L.; Hou, W.-H.; Feng, X.-B. Genome-wide identification and expression analysis of the ZF-HD gene family in Pea (*Pisum sativum* L.). *Frontiers in Genetics* 13, 3726. <http://dx.doi.org/10.3389/fgene.2022.1089375>
6. Li C, **Haq IU**, Khurshid A, Tao Y, Quandahor P, Zhou J-J and Liu C-Z. Effects of abiotic stresses on the expression of chitinase-like genes in *Acyrtosiphon pisum*. *Frontiers in Physiology* **2022**. 13:1024136. <http://doi:10.3389/fphys.2022.1024136>
7. Ali S, Li Y, **Haq IU**, Abbas W, Shabbir MZ, Khan MM, *etal.* (2021). The impact of different Plant extracts on population suppression of *Helicoverpa armigera* (Hub.) and tomato (*Lycopersicon esculentum* Mill) yield under field conditions. **Plos one** 16(12): e0260470. <https://doi.org/10.1371/journal.pone.0260470>
8. Ahmed, S.; Khan, M.T.; Abbasi, A.; **Haq, I.U.**; Hina, A.; Mohiuddin, M.; Tariq, M.A.U.R.; Afzal, M.Z.; Ng, A.W.M.; Li, Y. Characterizing Stomatal Attributes and Photosynthetic Induction in relation to Biochemical Changes in *Coriandrum sativum* by Foliar Applied Zinc Oxide Nanoparticles under Drought Conditions. *Frontiers in Plant Science* **2023**. 13, 5150. <http://dx.doi.org/10.3389/fpls.2022.1079283>
9. Gillani, S.F.A.; Zhuang, Z.; Rasheed, A.; **Haq, I.U.**; Abbasi, A.; Ahmed, S.; Wang, Y.; Khan, M.T.; Sardar, R.; Peng, Y. Brassinosteroids Induced Drought Resistance of Contrasting Drought-Responsive Genotypes of Maize at Physiological and Transcriptomic Level. *Front. Plant Sci.* **2022**, 3929, <http://dx.doi.org/10.3389/fpls.2022.961680>
10. Khurshid A, Inayat R, Tamkeen A, **Haq, I.U.**, I, Li C, Boamah S, Zhou J-J and Liu C Antioxidant Enzymes and Heat-Shock Protein Genes of Green Peach Aphid (*Myzus persicae*) Under Short-Time Heat Stress. *Frontiers in Physiology* **2021**. 12:805509. <https://doi.org/10.3389/fphys.2021.805509>
11. Ashraf HJ, Aguila LC, Ahmed S, **Haq IU**, Ali H, Ilyas M, Gu S, Wang L. Comparative transcriptome analysis of *Tamarixia radiata* (Hymenoptera: Eulophidae) reveals differentially expressed genes upon heat shock. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*. **2021** Nov 10:100940. <https://doi.org/10.1016/j.cbd.2021.100940>
12. Hanif, M.; Khan, R.; Kiran, J.; **Haq, I.U.**; Ali, S.; Niaz, Y.; Ali, A.; Arshad, M.; Ansi, M.; Al Obaid, S. Interactive effect of organic and mineral phosphorus on volatile compounds, morphology, and physiology of garlic (*Allium sativum* L.). *J. King Saud Univ. Sci.* **2022**, 34, 102351, <https://doi.org/10.1016/j.jksus.2022.102351>

13. Abbasi, A.; Sufyan, M.; Ashraf, H.J.; Zaman, Q.u.; **Haq, I.U.**; Ahmad, Z.; Saleem, R.; Hashmi, M.R.; Jaremko, M.; Abdelsalam, N.R. Determination of Silicon Accumulation in Non-Bt Cotton (*Gossypium hirsutum*) Plants and Its Impact on Fecundity and Biology of Whitefly (*Bemisia tabaci*) under Controlled Conditions. *Sustainability* **2022**, *14*, 10996. <https://doi.org/10.3390/su141710996>
14. Asad, M.; Khan, R.-R.; Aljuboory, A.-B.; Rashid, M.-H.-U.; Kumar, U.; **Haq, I.U.**; Hafeez, A.; Noureldeen, A.; Alharbi, K. Toxic and Antifeedant Effects of Different Pesticidal Plant Extracts against Beet Armyworm (*Spodoptera exigua*). *Phyton-International Journal of Experimental Botany*, 1-12. <https://doi.org/10.32604/phyton.2023.026513>
15. Abbasi, A.; Ishfaq, K.; Hafiz, M.; Wakil, W.; Ashraf, H.J.; **Haq, I.U.**; Zaman, Q.; zafar, A.; Saleem, R.; Tabbsam, H. and Hassan, A. Bio-control potential of *Bacillus thuringiensis* (Bacillales: Bacillaceae) and *Metarhizium anisopliae* (Hypocreales: Clavicipitaceae) against *Chilo partellus* Swinhoe (Lepidoptera: Pyralidae). *Revista de la Sociedad Entomologica Argentina* **2022**, *81*(3), 17-27. <https://doi.org/10.25085/rsea.810302>
16. Akhtar, Z.R.; Bashir, N.H.; Idrees, A.; Ali, S.; Afzal, A.; Zia, K.; **Haq, I.U.**; Niaz, Y.; Tahir, M.B.; Waqar, M. Triazophos induced lethal, sub-lethal and transgenerational effects on biological parameters and demographic traits of *Pectinophora gossypiella* using two sex life table. *Journal of King Saud University-Science* **2022**, 102319, <https://doi.org/10.1016/j.jksus.2022.102319>
17. Nisar, M.S.; Ali, S.; Hussain, T.; Ramzan, H.; Niaz, Y.; **Haq, I.U.**; Akhtar, F.; Alwahibi, M.S.; Elshikh, M.S.; Kalaji, H.M. Toxic and repellent impacts of botanical oils against *Callosobruchus maculatus* (Bruchidae: Coleoptera) in stored cowpea [*Vigna unguiculata* (L.) Walp.]. *Plos one* **2022**, *17*, e0267987. <https://doi.org/10.1371/journal.pone.0267987>
18. Akhtar, Z.R.; Afzal, A.; Idrees, A.; Zia, K.; Qadir, Z.A.; Ali, S.; **Haq, I.U.**; Ghramh, H.A.; Niaz, Y.; Tahir, M.B. Lethal, Sub-Lethal and Trans-Generational Effects of Chlorantraniliprole on Biological Parameters, Demographic Traits, and Fitness Costs of *Spodoptera frugiperda* (Lepidoptera: Noctuidae). *Insects* **2022**, *13*, 881, <https://doi.org/10.3390/insects13100881>
19. Khurshid, A.; Ali, S.; Inayat, R.; Tamkeen, A.; Tahir, M.B.; Niaz, Y.; **Haq, I.U.**; Ghramh, H.A.; Boamah, S.; Zhang, K. Effect of short-term heat stress on life table parameters of green peach aphid [*Myzus persicae* (Sulzer)](Hemiptera: Aphididae)]. *J. King Saud Univ. Sci.* **2022**, *34*, 102342, <http://dx.doi.org/10.1016/j.jksus.2022.102342>
20. A Khaliq, WF Li, ZH Ma, J Mao, ST Shah, BH Chen, **Haq IU**. Thin layer drying kinetics and quality dynamics of persimmon (*Diospyros kaki*) treated with preservatives and solar dried under different temperatures. *Plos one* **2022** *17*(3): e0265111. <https://doi.org/10.1371/journal.pone.0265111>

21. Zhang, K.-X.; Li, H.-Y.; Quandahor, P.; Gou, Y.-P.; Li, C.-C.; Zhang, Q.-Y.; **Haq, I.U.**; Ma, Y.; Liu, C.-Z. Responses of Six Wheat Cultivars (*Triticum aestivum*) to Wheat Aphid (*Sitobion avenae*) Infestation. *Insects* **2022**, *13*, 508. <https://doi.org/10.3390/insects13060508>
22. Bukhari, S.A.E., Sabir, S.M., Ali, S., Turaib, A., Xin, S., Niaz, Y., Khan, S., Hussain, S.A., Afzal, I., Gillani, S.F.A. **Haq IU** and Al-Ghamdi, A.A., **2022**. Antioxidant and Enzyme Inhibitory Activities of *Zizypus jujuba*, *Adhota vesica* and *Berberis lycium* from Hilly Areas. *Journal of King Saud University-Science*, p.101980. <https://doi.org/10.1016/j.jksus.2022.101980>
23. Sufyan, M., M. J. Arif, **Haq, IU**, M. D. Gogi, M. Arshad and A. Nawaz. Rearing of *Coccinella septempunctata* L. (Coleoptera: Coccinellidae) on natural and artificial Diets. *Pakistan Entomologist* **2016**. 38(2):129-133.

Submitted/Accepted manuscripts

24. Mohsan, M.; Sarwar, Z. M.; Fatima, T.; **Haq, I. U.**; Asad, M.; Abbasi, A. and Kumar, U. Combined effect of carbon dioxide, nitrogen, and oxygen modified atmosphere on mortality of *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Science Progress* **2022**. (Manuscript ID: SCI-22-1061)
25. Asghar, A.; **Haq, I. U.**; Abbasi, A.; Asad, M.; Javaria, H. J. and Naila, N. Faunistic study of fruit flies (Diptera: Tephritidae) from Mirpur division, Azad Jammu and Kashmir. *Revista de la Sociedad Entomologica Argentina* **2022**. (Manuscript ID: 76707)
26. Inayat R, Khurshid A, Ali S, Tamkeen A, Tahir MB, **Haq IU**, Xu B. Comparative Analysis of the Effect of *Trichoderma longibrachiatum* T6 Spore Suspension and Different Cultural Filtrates on Cabbage aphid (*Brevicoryne brassicae* L.) populations. *Plos one* **2022**. (Manuscript ID: PONE-D-22-11917)
27. Yasin, M.; Wakil, W.; Abbasi, A.; **Haq, I. U.**; Qayyum, M. A.; Aqueel, M. A.; Asad, M. and Ali, Y. Efficacy of *Isaria fumosorosea* (Hypocreales: Clavicipitaceae), alone and in combination with Silico-Sec® on mortality, progeny emergence, mycosis, and sporulation of psocids and three stored grain beetles. *Agriculture* **2022**. (Manuscript ID: agriculture-1889042)
28. Wang, L.; Tao, J.; Dou, Z.; Li, C.; Wang, G.; Shang, S.; **Haq, I.U.** and Cui, M. Current and future control of the wood-boring pest *Anoplophora glabripennis*. *Pest Management Science* **2022**. (Manuscript ID: PM-22-1250)
29. Shaukat, M.; Abbasi, A.; Muhammad, S.; Alvi, A.; Mohiuddin, M.; Rehman, M. A. U.; Afzal, T. Z.; **Haq, I. U.** and Ng, A. W. M. Nitrogen Addition Regulates Morphological, Physiological and Yield Traits of Wheat under Heat Stress. *Agronomy* **2022**. (Manuscript ID: agronomy-1907643)

Abstracts/Book Chapters

30. Iqbal, M.J.; **Haq, I.U.**; Abbasi, A.; Asghar, M.A.; Gillani, S.F.A. Susceptibility comparison of bumblebee and honeybee to acetamiprid and imidacloprid. In Proceedings of the International Conference on Bee Pollination and Conservation, Pakistan, 20 May, **2022**; p. 27.
31. **Haq, I.U.**; Ashraf, H.J.; Abbasi, A.; Majid, M.; Inayat, R. Integration of silicon with entomopathogenic nematode against fall armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae). In Proceedings of the 4th International Conference on Applied Zoology-2021 (ICAZ-2021), Pakistan, 24-25 November, **2021**.
32. **Haq, I.U.**; Gillani, S.F.A. To check the effect of Imidacloprid on Differentially Expressed Cytochrome P450 in Aphid Lion, *Chrysoperla zastrowi* through Comparative Transcriptome Analysis. In Proceedings of the 3rd International Conference on Smart Plant Protection (SPP2023), Pakistan, January 3-4, **2023**.

Scientific journal roles/Society memberships

- ✓ *Active member of the Argentine Entomological Society*
- ✓ *Reviewer at Frontiers in Plant Science*
- ✓ *Reviewer at Journal of King Saud University-Science*
- ✓ *Reviewer at Revista de la Sociedad Entomológica Argentina*
- ✓ *Reviewer at Frontiers in Sustainable Food Systems*
- ✓ *Reviewer at Notulae Botanicae Horti Agrobotanici Cluj-Napoca*

Research Related Skills

- ✓ *Rearing of insects*
- ✓ *Hands-on expertise in qRT, PCR and DNA extraction*
- ✓ *RNA extraction and gene expression*
- ✓ *Hands on expertise in the use of TAREAN and RepeatExplorer 2 for genome data analysis*
- ✓ *Much familiar with the use of SPSS and Statistix 8.1 statistical software for data analysis and other software like GraphPad Prism and Sigma Plot*

Scholarships/Awards

- ✓ 2019-2022 Presidential Scholarship for PhD degree by Gansu Provincial Government
- ✓ 2016 Prime Minister Young Talent Award by the Government of Pakistan
- ✓ 2015-2017 United States Agency for International Development (USAID) Scholarship for the master's degree by Higher Education Commission (HEC) Pakistan
- ✓ 2012 Chief Minister Talent Hunt Award by Punjab Provincial Government Pakistan

Trainings, Workshops, Awards

- ✓ Certificate of participation in international webinar on Stored Products Protection in Retail Pet Supply Settings organized by Quality Pheromone Technology Insects Limited on September 23, 2022.
- ✓ Certificate of participation in International Conference on Bee Pollination and Conservation 2022 organized by Universi of Agriculture Multan, Pakistan on May 25th, 2022.
- ✓ Certificate of participation in 4th international Conference on Applied Zoology organized by Quaid-e-Azam University, Islamabad, Pakistan on November 10-11, 2021.
- ✓ Certificate of participation in an online seminar on Food Safety and Hygiene Practices conducted by Pakistan Scientific and Technological Information Center on October 15, 2021.
- ✓ Certificate of participation in an international webinar by prof. Dr Jeffrey B. Jones, department of plant pathology university of Florida, the USA on *Xanthomonas perforans*: a constantly changing pathogen on October 05, 2021.
- ✓ Certificate of participation International Webinar by Dr Mark L. Gleason, Professor, Department of Plant Pathology & Microbiology Iowa State University, the USA On mentoring: how does it connect to research ethics September 07, 2021
- ✓ Certificate of participation in Greenhouse Horticulture: Current Status and Future Prospects Organized by the Department of Horticulture, MNS University of Agriculture, Multan (Pakistan) on June 29, 2021
- ✓ Certificate of participation in an international webinar on the role of youth in global biodiversity conservation organized by Horticultural Society GC University Lahore on May 21, 2021.
- ✓ Certificate of participation in a one-day international webinar on the Role of Biodiversity Information in Global Biodiversity Information Facility (GBIF) on May 18, 2021.
- ✓ Certificate of participation in International Entomological Congress (University of Agriculture, Faisalabad).

Achievements/ honors

- ✓ 2022: Certificate of honor for “Excellent International Student of Gansu Agricultural University 2019-2022”.
- ✓ 2021: Won "Excellent International Student Scholarship 2021" by the Gansu International Cultural Exchange Association.
- ✓ 2021: Won third prize in a provincial preliminary contest of the 3rd Chinese Classics Recitation and Speaking Contest "Reciting China"
- ✓ 2021: Won fourth prize in Essay competition outstanding work award “China in my eyes.”
- ✓ 2016: Certificate of honor for runner up in Cricket Sports Gala by Agrarian Society, University of Agriculture Faisalabad Pakistan
- ✓ 2015: Certificate of honor for the winning of cricket tournament organized by the Department of Entomology, University of Agriculture Faisalabad, Pakistan

Social/ co-curricular activities

- ✓ 2020 - 2022: General Secretary of International Students Class Committee, Gansu Agricultural University Lanzhou, China
- ✓ 2015 – 2017: Residence Assistant of University Hostel at University of Agriculture Faisalabad, Pakistan

Professional References

1. **Prof. Liu Changzhong.** College of Plant Protection, Gansu Agricultural University, Lanzhou, China. Cellphone: 0931- 7645441, Email: liuchzh@gsau.edu.cn
2. **Prof. Wang Senshan.** College of Plant Protection, Gansu Agricultural University, Lanzhou, China. Cellphone: 0931- 7631347, Email: wangsenshan@gsau.edu.cn
3. **Mrs. Tian Li (Vice President).** The College of International Education, Gansu Agricultural University, Lanzhou, China. Cellphone: 0931-7602215, Email: cie@gsau.edu.cn

Declaration

To the best of my knowledge and belief, I certify that this Curriculum vitae correctly describes my qualifications and experiences. Any willful misstatement described herein may lead to disqualification or dismissal if awarded.

Inzy

Inzamam Ul Haq

Date: January 09, 2023