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Assistant Professor of Food Technology (TTS)
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PERSONAL DATA

Date of Birth : December 10, 1978
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ACADEMIC QUALIFICATIONS

Degree	Name of Institution	Major Subject	Year	Grade
PhD	Nanjing Agricultural University, China	Food Safety & Toxicology	2010	Passed
M.Sc. (Hons)	University of Agriculture Faisalabad, Pakistan	Food Technology	2004	A
B.Sc. (Hons) Agriculture	University of Agriculture Faisalabad, Pakistan	Food Technology	2002	A

PROFESSIONAL EXPERIENCE

03/2012 to till date: **Assistant Professor**, University of the Punjab, Lahore, Pakistan.
10/2011 to 02/2012: **Assistant Professor**, University of Agriculture Faisalabad, Pakistan.
04/2011 to 10/2011: **Assistant Professor**, Govt. College University Faisalabad, Pakistan.
04/2010 to 04/2011: **Assistant Professor**, GC University Lahore, Pakistan.
09/2005 to 04/2010: **PhD Studentship**, Nanjing Agricultural University, China.
01/2004 to 02/2005: **Officer Quality Assurance**, K&Ns Foods (Pvt.) Ltd. Lahore, Pakistan.
05/2002 to 08/2002: **Internee**, K&Ns Foods (Pvt.) Ltd. Lahore, Pakistan.

Modules / Courses

- Food Microbiology
- Food Quality Assurance Management
- Food Toxicology & Safety
- Recent Advances in Food Science & Technology

RESEARCH PROFILE

Thesis and reports

- Isolation and characterization of an abamectin-degrading bacterial strain: Presumption of the biodegradation pathway; PhD Thesis
- Physico-chemical and sensory attributes of frozen chicken patties fried in different commercial vegetable oils; M.Sc. (Hons.) Thesis
- Primary processing of poultry at K&Ns Foods (Pvt.) Ltd.; B.Sc. (Hons.) Internship Report

Research Supervision

PhD

1. Characterization of Bacteriocin producing bacteria from local dahi (yoghurt), and characterization of Bacteriocin: Shazia Munim, PhD in progress (2nd Supervisor)
2. Studies on Food Safety and Technological Quality of Wheat Grains Stored in a Conventional Warehouse: Muhammad Akhlaq, PhD in progress

M. Phil:

1. Improving Food Quality within a Local Catering Chain by Implementing Food Safety Management System: Naeem Ahmed, M.Sc (Hons.) Thesis (2018)
2. Quality Assessment of Domestic Drinking Water in District Bhawalnager: Muhammad Waqas Ashraf, M.Sc (Hons.) Thesis (2018)
3. Comprehensive Study on The Quality of Frying Oil at Different Canteens of Punjab University: Wajeeha Anjum, M.Sc (Hons.) Thesis (2018)
4. Quality Comparison of Commercial Chicken Nuggets Before and After Frying at Different Time and Temperature Combinations: Muhammad Ahsaan Ahmed, M.Sc (Hons.) Thesis (2018)
5. Production of Mango Flavored Yoghurt Supplemented With *Moringa oleifera* Leaf Powder: Maryam Saeed, M.Sc (Hons.) Thesis (2018)
6. Effect of Aloe vera Based Batter Coating on Potato Sticks Quality and Oil Uptake in Deep Fat Frying: Shakir Manzoor, M.Sc (Hons.) Thesis (2018)
7. Detection of Aflatoxin in Cereal Grains in District Bahawalnagar: Sundas Bano, M.Sc (Hons.) Thesis (2018)
8. Analysis of Aflatoxin in Different Types of Rice From Major Rice Growing Areas of Punjab: Anmol Sabir, M.Sc (Hons.) Thesis (2018)
9. Quality Attributes and Storage stability of Aloe vera Juice: Mahrukh Ilyas, M.Sc (Hons.) Thesis (2018)
10. Quantification of Aflatoxin in Wheat and Rice Grains in District Lahore: Amna Qamar, M.Sc (Hons.) Thesis (2018)
11. Physico-Chemical and Sensory Properties of Potato Sticks Fried in Different Commercial Vegetable Oils: Syed Rajab Ayub, M.Sc (Hons.) Thesis (2018)
12. Determination of Aflatoxin In Wheat and Rice Grains From District Gujranwala: Fiza Khalid, M.Sc (Hons.) Thesis (2018)
13. Quality assessment of drinking water from different water filtration plants located in selected areas of Lahore: Qamar Ilyas, M.Sc (Hons.) Thesis (2017)
14. Incorporation of aloe vera to increase The nutritional quality and shelf life of chicken nuggets: Amina Nasir, M.Sc (Hons.) Thesis (2017)
15. Quantification of Aflatoxins (B₁, B₂, G₁, G₂) in wheat grains collected from different regions: Mubshair Naveed, M.Sc (Hons.) Thesis (2017)
16. Nutritional assessment of school going children in district Kasur: Muhammad Mustafa Hanif, M.Sc (Hons.) Thesis (2017)

17. Food Safety evaluation of commonly sold food products at canteens of Punjab University, Quid-i-Azam campus: Kainat Ashfaq, M.Sc (Hons.) Thesis (2017)
18. Quality assessment of different food products at hostel canteens in University of the Punjab: Qandeel Zainib, M.Sc (Hons.) Thesis (2017)
19. Assessment of Aflatoxins in Wheat flour from different markets: Muhammad Rehan, M.Sc (Hons.) Thesis (2017)
20. Characterization of Aloe Vera to explore its nutraceutical potential against hypercholesterolemia: Muhammad Aasim, M.Sc (Hons.) Thesis (2017)
21. Extraction of value added products from local varieties of potatoes: Asad Nawaz, M.Sc (Hons.) Thesis (2016)
22. Nutritional assessment and dietary pattern of school going children in Bahawalnagar: Muzammel Shoukat, M.Sc (Hons.) Thesis (2016)
23. Physico-chemical and sensory attributes of aloe vera-papaya functional beverage blend: Syed Ali-ur-Rehman Siddiqui, M.Sc (Hons.) Thesis (2016)
24. Characterization and Nutritional Profiling of Whey Powder Supplemented Cookies: Muhamma Khalil Ahmed, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
25. Development of cookies by replacing fat with olive oil blend and its effect on physico-chemical and sensory characteristics: Habib-ur-Rasheed, M.Sc (Hons.) Thesis (2016)
26. Studies on the food safety knowledge, attitude and practices of the food handlers at Punjab University canteens: Syeda Memoona Asif, M.Sc (Hons.) Thesis (2016)
27. Development of Date Pit Oil Based Edible Coating for Extending the Shelf Life of Guava Fruit: Zahid Mubeen, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
28. Detection and quantification of aflatoxins in different types of rice grains from selected areas of Punjab: Atta-ur-rehman, M.Sc (Hons.) Thesis (2016)
29. Safety status and physico-chemical profile of raw milk being sold in the local markets of Lahore: Mateen Ahmed, M.Sc (Hons.) Thesis (2016)
30. Assessment of Aflatoxin M₁ Levels in Raw Milk Collected from Different Geographical Zones of Lahore City, Pakistan: Ali Ilyas, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
31. Safety status and physico-chemical profile of raw milk being sold in the local markets of Multan: Muhammad Awais, M.Sc (Hons.) Thesis (2016)
32. Preparation, quality evaluation and storage stability of Papaya jam: Azhar Mahmood, M.Sc (Hons.) Thesis (2016)
33. Physico-chemical and sensory attributes of flavoured aloe vera ready to serve (RTS) drink: Asad Munir, M.Sc (Hons.) Thesis (2016)
34. Evaluation of quality status and determination of adulterants in processed fruits and vegetable based products marketed in the local markets of Lahore: Manzoor Elahi, M.Sc (Hons.) Thesis (2016)
35. Physico-chemical and sensory attributes of Soy-milk from locally procured soybean seeds; Junaid Mustafa, M.Sc (Hons.) Thesis (2015)
36. Phylogenetic analysis of fungal species isolated from rice grains being sold in local markets: Sohaib Afzaal, M.Sc (Hons.) Thesis (2015)
37. Development of camel milk soft cheese supplemented with inulin: Meiraj Nazeer Shakir, M.Sc (Hons.) Thesis (2015) (Co-Supervisor)
38. Isolation and molecular characterization of mycoflora from stored rice; Hina Shanakht, M.Sc (Hons.) Thesis (2014) (Co-Supervisor)

Research Grants

Year	Title	Funding Agency	Role	Amount	Status
2015	Microbial Detoxification of Aflatoxins in Cereal Grains	HEC Pakistan	Principal Investigator	5.716 Million PKR	In Progress
2012	Molecular probing of Mycotoxigenic fungi in stored rice grains in Punjab	HEC Pakistan	Principal Investigator	0.5 Million PKR	Completed
2011	Impact Assessment of the Transgenic Sugarcane Over Expressing Antifungal Proteins on Endophytic and Rhizospheric Microorganisms	ILSI Research Foundation Germany	Collaborator	15000 US\$	Completed

Lab. Expertise

- Isolation and characterization of food-borne microorganisms using conventional and non-conventional microbiological techniques.
- Studies on the changes in metabolic utilization pattern and biochemical characteristics through substrate utilization tests i.e. BIOLOG, API etc, and microscopic observations.
- Taxonomic analysis of food-borne microbes using poly-phasic taxonomic approach.
- Hands on experience in performing PCR amplification of target genes, gel electrophoresis, gene cloning and expression, and molecular screening using ERIC, DGGE and FISH etc.
- Familiar with protein analysis using SDS-PAGE, and Western blotting etc.
- Analysis of toxicants using Spectroscopic and Chromatographic techniques.
- Designing the parameters for the identification of metabolites and metabolic pathways using tandem mass spectrometry (MSⁿ).
- Essential oils extraction and their application in food processing and bio-preservation.

Areas of Interest

- Decontamination/detoxification of pesticides residues and mycotoxins in food commodities
- Application of plant bioactive compounds in food processing and bio-preservation
- Rapid detection of food-borne microbes and Predictive microbiology
- Halal food safety, traceability and certification

RESEARCH PUBLICATIONS/ PRESENTATIONS

Papers in Peer Reviewed Journals

1. Umer Farooq, **Shinawar Waseem Ali**. Radio Frequency Heating: A Review with Food Applications. *Research Journal of Pharmaceutical Biological and Chemical Sciences*, 9(1), (2018) 243-254. (Impact Factor: 0.35)
2. Kiran Nawaz, Ahmad Ali Shahid, Louis Bengyella, Muhammad Nasir Subhani, Muhammad Ali, Waheed Anwar, Sehrish Iftikhar, and **Shinawar Waseem Ali**. Diversity of Trichoderma

- species in chili rhizosphere that promote vigor and antagonism against virulent *Phytophthora capsici*. *Scientia Horticulturae* 239 (2018): 242-252. (Impact Factor: 1.760)
3. Tehreem Nisar, Asma Lodhi, Muhammad Imran, Anees Ahmed Khalil, Syed Amir Gilani, **Shinawar Waseem Ali**, and Rai Muhammad Amir. Effect of Carbonated Drinks on Biochemical Parameters of Rat Serum. *Journal of Environmental and Agricultural Sciences*, 14 (2018): 31-38
 4. Hafiz Azhar Ali Khan, Waseem Akram, Sumi-Lee, Shakir Manzoor, Syed Rajab Ayub, Khalil ur Rehman, **Shinawar Waseem Ali**, Muhammad Bilal Chattha, Sumaira Maqsood. Monitoring susceptibility of spinosad in three major stored-product insect species from Punjab, Pakistan. *Pakistan Journal of Zoology* Vol. 50 (4), (2018) 1355-1360. (Impact Factor: 0.547)
 5. Aftab Ahmed, Farhan Saeed, Muhammad Umair Arshad, **Shinawar Waseem Ali**, Ali Imran, Muhammad Afzaal, Azmatullah Khan. Evaluation and Sensorial Assessment of Date Pit-Based Functional Drink. *Journal of Food Processing and Preservation*, 41 (2017) 1-9. doi:10.1111/jfpp.12890 (Impact factor: 0.89)
 6. Muhammad Ali, Hafiz Azhar Ali Khan, Hafiz Muhammad Tahir, Asad Tariq, Muhammad Ashfaq, **Shinawar Waseem Ali**, Asim Gulzar, Hafiz Muhammad Umer Aslam, Uzma Khalid, Sajawal Yousaf, Urooj Mubashar. Larvicidal Potential of Different Plants Extracts against the Larvae of Mosquito (*Aedes Aegypti* (L.)) (Culicidae:Diptera). *Pakistan Entomologist*, 39 (2017) 37-40.
 7. Razia Sultana, Shahid Bashir, **Shinawar Waseem Ali** and Ghulam Murtaza. Brain Stimulation by Direct Current can help Improvement of Nicotine and Alcohol Addiction in Nepal. *International Journal of Neuroscience and Behavioural Science*, 5 (2017) 19-26.
 8. Ghazala Nawaz, Muhammad Nawaz Malik, Muhammad Hassan Mushtaq, Fraz Munir Ahmad, Ali Abdullah Shah, Farooq Iqbal, **Shinawar Waseem Ali**, Zahida Fatima and Amjad Khan. Surveillance of Brucellosis in Livestock in Rural Communities of Punjab. *Pakistan Journal of Agricultural Research*, 29 (2016) 392-398.
 9. Aftab Ahmed, **Shinawar Waseem Ali**, Khalil-Ur-Rehman, Shakir Manzoor, Syed Rajab Ayub. Development and Organoleptic Evaluation of Moringa-Aloe Vera blended Nutraceutical Drink. *Journal of Hygienic Engineering and Design*, 17 (2016) 72-76.
 10. **Shinawar Waseem Ali**, Mateen Ahmad, Muhammad Awais, Aftab Ahmed. Management of Citrus Waste in Pakistan's Perspective. *Journal of Hygienic Engineering and Design*, 15 (2016) 83-88.
 11. Sehrish Iftikhar, Ahmad Ali Shahid, Kiran Nawaz, **Shinawar Waseem Ali**. First Report of *Curvularia Lunata* Causing Fruit Rot of Tomato (*Lycopersicon esculentum*) in Pakistan. *Plant Disease*, 100 (2016) 1013-17 (Impact factor: 3.02)
 12. Aftab Ahmed Khan, **Shinawar Waseem Ali**, Khalil-ur-Rehman, Shakir Manzoor, Syed Rajab Ayub, Mahrukh Ilyas. Influence of Sugar Concentration on Physicochemical Properties and Sensory Attributes of Sapodilla Jam. *PeerJ PrePrints*, 23 Feb. 2016
 13. **Shinawar Waseem Ali**, Asad Nawaz, Sana Irshad, Aftab Ahmed Khan. Potato waste management in Pakistan's perspective. *Journal of Hygienic Engineering and Design*, 13 (2015) 100-107.
 14. Asad Nawaz, **Shinawar Waseem Ali**, Muhammad Riaz, Zulfiqar Ahmad. Comparison of the quality of fruit juices being sold in local markets of Lahore, Pakistan. *Journal of Hygienic Engineering and Design*, 13 (2015), pp. 35-39.
 15. **Shinawar Waseem Ali** and Sohaib Afzaal. Aflatoxins in Pakistani Foods: A Serious Threat to Food Safety. *Journal of Hygienic Engineering and Design*. 9 (2014) 20-25.
 16. Fang-Bo Yu, Xiao-Dan Li, **Shinawar Waseem Ali**, Sheng-Dao Shan, Lin-Ping Luo, Li-Bo Guan. Further characterization of o-nitrobenzaldehyde degrading bacterium *Pseudomonas* sp. ONBA-17 and deduction on its metabolic pathway. *Brazilian Journal of Microbiology*, 45 (2014) 1303-1308. (Impact factor: 1.24)

17. Hina Shanakht, Ahmad Ali Shahid and **Shinawar Waseem Ali**. Characterization of Fungal Microbiota on Rice Grains From Local Markets of Lahore. *Journal of Hygienic Engineering and Design*. 9 (2014) 35-40.
18. Amir Ismail, Muhammad Riaz, Saeed Akhtar, Tariq Ismail, Zulfiqar Ahmad and **Shinawar Waseem Ali**. Improvement of Quality Attributes of Bread by the Application of Phytases from an Indigenous Strain. *Pakistan Journal of Agricultural Sciences*, 51 (2014) 711-718. (Impact factor: 1.24)
19. Fang-Bo Yu, Xiao-Dan Li, **Shinawar Waseem Ali**, Cheng-Fang Song, Sheng-Dao Shan and Lin-Ping Luo. Use of Biogas Slurry for Enhancing Control of Phytopathogens. *Polish Journal of Environmental Studies*. 23 (2014) 533-540. (Impact factor: 0.6)
20. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz and Muhammad Hassan Mushtaq. Decontaminating mycotoxins in agricultural produce following bioremediation approach. *Scientific Bulletin-Series F-Biotechnologies*, 17 (2013) 225-227.
21. **Shinawar Waseem Ali**, Fang-Bo Yu, Muhammad Saleem Haider, Xin Yan and Shun-Peng Li. Phenotypic and phylogenetic characterization of an abamectin-degrading bacterial strain isolated from a citrus orchard. *Journal of General and Applied Microbiology*. 59 (2013) 215-225. (Impact factor: 1.0)
22. Fang-Bo Yu, **Shinawar Waseem Ali**, Xiao-Bo Fang, Sheng-Dao Shan and Li-Bo Guan. Identification and characterization of four bacterial strains isolated from a bioaugmented sequencing batch reactor. *Journal of General and Applied Microbiology*. 59 (2013) 251-256. (Impact factor: 1.0)
23. Fang-Bo Yu, **Shinawar Waseem Ali**, Jing-Ya Sun and Ling-Ping Luo. Isolation and Characterization of an Endosulfan-Degrading Strain *Stenotrophomonas* sp. LD-6, and its Potential in Soil Bioremediation. *Polish Journal of Microbiology*. 61 (2012) 257–262. (Impact factor: 0.76)
24. Chang Liu, **Shinawar Waseem Ali**, Li-Bo Guan, Fang-Bo Yu, Shun-Peng Li, and M.H. Wong. Biotreatment of o-nitrobenzaldehyde manufacturing wastewater and changes in activated sludge flocs in a sequencing batch reactor. *Bioresource Technology*. 104 (2012) 228–234. DOI:10.1016/j.biortech.2011.11. (Impact factor: 4.3)
25. **Shinawar Waseem Ali**, Fang-Bo Yu, Lian-Tai Li, Xiao-Hui Li, Li-Feng Gu, Jiang Jian-dong and Shun-Peng Li. Studies revealing bioremediation potential of the strain *Burkholderia* sp. GB-01 for abamectin contaminated soils. *World Journal of Microbiology and Biotechnology*. 28 (2012) 39–45. DOI: 10.1007/s11274-011-0790-7 (Impact factor: 1.1).
26. Awais Amin, **Shinawar Waseem Ali**, Rubina Arshad, Shahid Nadeem and Sikander Ali. Characterization of chitinolytic bacterial strains isolated from local habitat. *Mycopath*. 9 (2011) 51-55.
27. **Shinawar Waseem Ali**, Rong Li, Wei-You Zhou, Ji-Quan Sun, Peng Guo, Ji-Ping Ma, and Shun-Peng Li. Isolation and characterization of an abamectin-degrading bacterium *Burkholderia cepacia*-like GB-01 strain. *Biodegradation*. 21 (2010) 441–452. DOI: 10.1007/s10532-009-9314-7. (Impact factor: 2.2)
28. Fang-Bo Yu, **Shinawar Waseem Ali**, Li-Bo Guan, Shun-Peng Li and Shan Zhou. Bioaugmentation of a sequencing batch reactor with *Pseudomonas putida* ONBA-17, and its impact on reactor bacterial communities. *Journal of Hazardous Materials*. 176 (2010) 20-26. (Impact factor: 4.3)
29. Peng Guo, Bao-Zhan Wang, Bao-Jian Hang, Lian Li, **Shinawar Waseem Ali**, Jian He and Shun-Peng Li. Pyrethroid-degrading *Sphingobium* sp. JZ-2 and the purification and characterization of novel pyrethroid hydrolase. *Int'l Biodeterioration and Biodegradation*. 63 (2009) 1107–1112. (Impact factor: 2.4)
30. Lian-Tai Li, Qing Hong, Xin Yan, Gui-Hua Fang, **Shinawar Waseem Ali** and Shun-Peng Li. Isolation of a malachite green-degrading *Pseudomonas* sp. MDB-1 strain and cloning of the *tmr2* gene. *Biodegradation*. 20 (2009) 769–776. (Impact factor: 2.2)

31. Ji-Ping Ma, Zhe Wang, Peng Lu, Hui-Jie Wang, **Shinawar Waseem Ali**, Shun-Peng Li and Xing Huang. Biodegradation of the sulfonylurea herbicide chlorimuron-ethyl by the strain *Pseudomonas* sp. LW3. *FEMS Microbiology Letters*. 296 (2009) 203–209. (Impact factor: 2.0)
32. Ji-Quan Sun, Xing Huang, Qiao-Ling Chen, Bin Liang, Ji-Guo Qiu, **Shinawar Waseem Ali** and Shun-Peng Li. Isolation and characterization of three *Sphingobium* sp. strains capable of degrading isoproturon and cloning of Catechol 1, 2 -Dioxygenase gene from these strains. *World Journal of Microbiology and Biotechnology*. 25 (2009) 259–268. (Impact factor: 1.1)
33. Xiao-Hui Li, Jian-Dong Jiang, Li-Feng Gu, **Shinawar Waseem Ali**, Jian He and Shun-Peng Li. Diversity of chlorpyrifos-degrading bacteria isolated from chlorpyrifos-contaminated samples. *Int'l Biodeterioration and Biodegradation*. 62 (2008) 331-335. (Impact factor: 2.4)
34. Li-Feng Gu, Jian-Dong Jiang, Xiao-Hui Li, **Shinawar Waseem Ali** and Shun-Peng Li. Biodegradation of ethametsulfuron-methyl by *Pseudomonas* sp. SW4 isolated from contaminated soil. *Current Microbiolgy*. 55 (2007) 420-426. (Impact factor: 1.2)
35. **Shinawar Waseem Ali** and Ghulam Rasool. Chemical and sensory characteristics of frozen stored chicken patties fried in different vegetable oils. *Pakistan Journal of Agricultural Sciences*. 44 (2) 2007.

Cumulative Impact Factor: > 30

Conference Presentations/ Abstract Published in Proceedings

1. **Shinawar Waseem Ali**, Waseem Haider, and Mahrukh Ilyas. Food Safety Knowledge and Practices of Food Handlers at Hospital Canteens in Lahore, “*1st International Pakistan Halal Assembly*” 20-21 March 2018, Government College University, Faisalabad, Pakistan
2. Mubashir Naveed and **Shinawar Waseem Ali**. Biological Degradation of Aflatoxins. “*1st international Pakistan Halal Assembly*” 20-21 March 2018, Government College University, Faisalabad, Pakistan.
3. **Shinawar Waseem Ali**, Muhammad Awais. Food Safety evaluation of loose milk in local markets of Multan city. “*International Conference on Foods of Animal Origin*”, 30-31 March 2017, University of Agriculture Faisalabad, Pakistan
4. Mubashir Naveed and **Shinawar Waseem Ali**. Aflatoxins in Animal Feed: a Potential Health Hazard from the Foods of Animal Origin. “*International Conference on Foods of Animal Origin*” 30-31 March 2017, University of Agriculture Faisalabad, Pakistan
5. **Shinawar Waseem Ali**, Atta-ur-Rehman. Occurrence of Aflatoxins in Different Types of Rice Grains, “*5th International Conference on Food and Nutritional Security: Impact of Climate Change*”, 7-8 March 2017, GC University Faisalabad, Pakistan.
6. Muhammad Bilal Chattha, Asad Nawaz, and **Shinawar Waseem Ali**. Comparison of different potato varieties for value added products, “*5th International Conference on Food and Nutritional Security: Impact of Climate Change*”, 7-8 March 2017, GC University Faisalabad, Pakistan.
7. **Shinawar Waseem Ali**, Mateen Ahmad. Quality Status of Raw Milk Being Marketed in Different Areas of Lahore. “*3rd International Conference on Safe Food for All*”, 2-3 March 2017, BZ University Multan, Pakistan

8. **Shinawar Waseem Ali**. Quinoa: A precious food to maintain quality life. *“International Conference on Global Trends in Safe and Healthy Foods”*, 7-8 March 2016, Govt. College University, Faisalabad, Pakistan.
9. **Shinawar Waseem Ali**, Junaid Mustafa. Soy milk from locally procured soybean seeds. *“26th All Pakistan Food Science Conference”*, 19 April 2016, University of Agriculture Faisalabad, Pakistan.
10. Sohaib Afzaal, **Shinawar Waseem Ali**, Aftab Ahmed and Rashid Mahmood. Molecular characterization of fungal species isolated from rice grains. *“International Conference on Chemical, Agricultural and Biological Sciences (CABS-2015)”*, 4-5 September 2015, Istanbul, Turkey
11. Aftab Ahmed, Muhammad Umair Arshad, **Shinawar Waseem Ali**, Rashid Mahmood and Farhan Saeed. Characterization and Nutritional profiling of bitter melon (*Momordica charantia*). *“International Conference of Chemical, Agricultural and Biological Sciences (CABS-2015)”*, 4-5 September 2015, Istanbul, Turkey
12. Rashid Mahmood, Muhammad Khalid Abbas, Salik Nawaz Khan, **Shinawar Waseem Ali** and Aftab Ahmed. Impact of Rate and Source of Nitrogen on Mycelial Growth and Sporulation of *Macrophomina phaseolina*. *“International Conference of Chemical, Agricultural and Biological Sciences (CABS-2015)”*, 4-5 September 2015, Istanbul, Turkey
13. Abdul Jaleel, **Shinawar Waseem Ali**, Sohaib Afzaal, Bilal Younas. Database on codon preferences of wheat proteins. *“International Conference on Chemical, Agricultural and Biological Sciences (CABS-2015)”*, 4-5 September 2015, Istanbul, Turkey
14. **Shinawar Waseem Ali** and Aysha Kanwal. Rapid detection of *Candida* species, causing ocular infection in Pakistani Population. *“6th Congress of European Microbiologists”*, 7-11 June 2015, Maastricht, The Netherlands.
15. **Shinawar Waseem Ali**. Global Harmonization initiative (GHI): A way forward to global food safety. *“2nd International Conference on Agriculture, Food and Animal Sciences”*, 25-26 February 2015, Sindh Agriculture University Tandojam, Pakistan.
16. **Shinawar Waseem Ali**, Sohaib Afzaal, Nasir Ahmad, Mohd Azam Khan and Tusneem Kausar. Oregano (*Origanum vulgare*): A valuable functional food ingredient to combat Ca & Fe deficiency. *“International Conference on Malnutrition in South Asia: The Peril Persists”*, 23-24 February 2015, BZ University Multan, Pakistan.
17. **Shinawar Waseem Ali** and Sohaib Afzaal. Aflatoxins in Pakistani Foods: A Serious Threat to Food Safety. *“International Conference on Food Quality & Safety, Health & Nutrition (Nutricon 2014)”*, 27-28 November 2014, Skopje, Republic of Macedonia.
18. Hina Shanakht, Ahmad Ali Shahid and **Shinawar Waseem Ali**. Characterization of Fungal Microbiota on Rice Grains From Local Markets of Lahore. *“International Conference on Food Quality & Safety, Health & Nutrition (Nutricon 2014)”*, 27-28 November 2014, Skopje, Republic of Macedonia.
19. **Shinawar Waseem Ali**. The need for global harmonization of food regulations. *“International Conference on Recent Developments in Human Nutrition”*, 19-20 March 2014, Pearl Continental Hotel Lahore, Pakistan. (http://ichn2014.nap.org.pk/?page_id=951)
20. **Shinawar Waseem Ali**. Pesticide residues on fruits and vegetables: Current scenario and future perspectives. *“2nd International Conference on Global Environmental Changes”*, 25-26 February 2014, Govt. College University Faisalabad, Pakistan.
21. **Shinawar Waseem Ali**, Hina Shanakht, Ahmad Ali Shahid and Muhammad Hassan Mushtaq. Mycotoxins contamination in Pakistani crops: An alarm for public health safety. *“1st International Conference on Applied Chemical, Biological and Aquatic Sciences”*, 18-20 February 2014, Govt. College University Faisalabad, Pakistan.
22. **Shinawar Waseem Ali**, Muhammad Riaz and Muhammad Hassan Mushtaq. Microbial degradation of pesticide residues: A forward to ensure food safety in Pakistan. *“International*

- Conference on Emerging Issues in Nutrition and Food Safety*”, 21-23 October 2013, University of Agriculture Faisalabad, Pakistan.
23. **Shinawar Waseem Ali**, Ji-Quan Sun and Shun-Peng Li. Taxonomic characterization of a novel microbe isolated from soil. “*V International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld 2013)*”, 2-4 October 2013, Madrid, Spain.
 24. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz and Muhammad Hassan Mushtaq. Decontaminating mycotoxins in agricultural produce following bioremediation approach. “*2nd International conference on Agriculture for Life, Life for Agriculture*”, June 5-8, 2013, University of Agronomic Sciences and Veterinary Medicines, Bucharest, Romania.
 25. **Shinawar Waseem Ali**. Effect of globalization on future of food industries in Pakistan. “*International conference on Future Perspectives of Food Processing Industry in Pakistan*”, 11-12 December 2012, Govt. College University Faisalabad, Pakistan.
 26. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz, Muhammad Hassan Mushtaq. Microbial Detoxification of Mycotoxins in Agricultural Produce. “*The First International Biology Congress in Kyrgyzstan*”, 24-26 September 2012, Kyrgyzstan Turkey Manas University, Bishkek, Kyrgyzstan.
 27. **Shinawar Waseem Ali**, Saeed Akhter, Muhammad Saleem Haider and Muhammad Hassan Mushtaq. Pesticide residue in agricultural environment: A potential threat to food safety in Pakistan. “*International Science Conference on Agriculture and Food Security Issues in Global Environmental Perspectives*”, 11-13 July 2012, Faculty of Agriculture, University of Poonch, Rawalakot, Azad Jammu and Kashmir, Pakistan.
 28. **Shinawar Waseem Ali**, Muhammad Riaz, and Muhammad Hassan Mushtaq. Bioremediation: A potential tool to decontaminate mycotoxins in foods and feeds. “*1st International Conference on Safe Food and Human Health*”, 10-11 January 2012, GC University Faisalabad, Pakistan.
 29. **Shinawar Waseem Ali**, Xio-hui Li, Muhammad Hassan Mushtaq and Shun-peng Li. Evaluating the biodegradation potential and diversity of Chlorpyrifos-degrading bacteria isolated from polluted waste water. “*International Conference on Applied Genetics and Biotechnology*”, 8-10 December 2011, University of Agriculture Faisalabad, Pakistan.
 30. **Shinawar Waseem Ali**, Fang-bo Yu, Shahid Nadeem, Xin Yan and Shun-peng Li. Taxonomic analysis, degradation kinetics and soil microcosm studies of an abamectin-degrading *Burkholderia diffusa* GB-01 strain. “*IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld 2011)*”, 14-16 September 2011, Torremolinos, Spain.
 31. **Shinawar Waseem Ali**, Ikram-ul-Haq, Khursheed Javed, Hamid Mukhtar, and Mohsin Javed. Prebiotics: Current scenario and future perspectives as functional foods. Poster presentation in “*2nd International conference of plant scientist*”, 22-24 February 2011, GC University Lahore, Pakistan.
 32. **Shinawar Waseem Ali**, Fang-Bo Yu, Li-Feng Gu, Xiao-Hui Li and Shun-Peng Li. Biodegradation of abamectin in broth medium and soil microcosm by bacterial strain *Burkholderia* sp. GB-01. “*International Conference on Plants and Environmental Pollution*”, 6-11 July 2009, Kayseri, Turkey (<http://pep2009.erciyes.edu.tr/files/abstractbook.pdf>).
 33. Mushtaq M.H, Ping J., Mukhtar M.M., Hussain F. and **Ali S.W**. Genetic characterization and study on pathogenesis of HPAI H5N1 of avian origin isolated from a tiger in China. “*16th World Veterinary Poultry Association Congress*”, 8-12 November 2009, Marrakesh, Morocco.

Organization/ Participations in Conferences/Seminars

1. Chief Organiser of Seminar on “**Current Trends in Halal Food Safety Assurance Issues and Challenges**” 26 April 2018 at University of the Punjab, Lahore.

2. Participation and Session Chair in in “**7th Invention to Innovation Summit 2018**” March 6-7, 2018, at University of the Punjab, Lahore.
3. Chief Organizer of International Seminar on “**Pest (Termites) Control in Food Processing Industries**”, 31st January 2018 at University of the Punjab, Lahore
4. Participation and Session chair in “**2nd Invention to Innovation Summit 2017**”, 18-19th December 2017, at University of Karachi, Sindh.
5. Chief Organizer of “**World Food Day Celebrations**”, 31st October 2017 at University of the Punjab, Lahore.
6. Participated in International Seminar on “**Sustainable Crop Production for Food Security under Changing Climate**”, 18th April 2017, at University of the Punjab, Lahore.
7. Chief organizer of the Seminar on “**Global Halal Industry: Opportunities and Challenges**”, 29th March 2017, at University of the Punjab, Lahore.
8. Participated in “**5th Quality Assurance Conference 2017**”, 22nd March 2017, organized by METRO-Habib Cash & Carry at Faletti’s Hotel Lahore
9. Member organizing committee for “**Floriculture Workshop 2017**”, 21st March 2017, at University of the Punjab, Lahore.
10. Session Organizer in “**6th Invention to Innovation Summit 2017**”, 8-9th March 2017, at University of the Punjab, Lahore.
11. Member organizing committee for International Conference on the “**Significance of Potash Use in Pakistani Agriculture**”, 4,5 October 2016, at University of the Punjab, Lahore.
12. Organized a workshop on “**Total Quality Management (TQM)**”, 23 January 2016, at University of the Punjab, Lahore.
13. Organized a session on “**Innovative Food Processing Technologies in 5th Invention to Innovation Summit 2016**”, 2-3 March 2016, at University of the Punjab, Lahore.
14. Member organizing committee “**5th International /10th National Conference of Pakistan Phytopathological Society; Crop Protection for Sustainable Agriculture**”, 23-25 November 2015, at Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore, Pakistan.
15. Organized an “**Awareness Seminar on Food Safety and Hygiene**”, 13 November 2014, in collaboration with Punjab Food Authority at Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.
16. Member organizing committee, “**International Conference on Stress Biology and Biotechnology: Challenges & Management**”, 21-23 May 2014, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.
17. Member organizing committee, “**International Conference on Recent Developments in Human Nutrition**”, 19-20 March 2014, Pearl Continental Hotel Lahore, Pakistan.
18. Organized a session on “**Rice Technologies in Invention to Innovation Summit 2013**”, 9-10 April 2013, in University of the Punjab, Lahore.
19. Organized a “**National UIP-Seminar on Developing Local Food Additives**”, 22 November 2012, in University of the Punjab.
20. Participated in “**International Seminar on Food Production and Processing Technologies**”, 6-8 November 2012, COMSTECH, Islamabad, Pakistan.
21. Participated in “**Invention to Innovation Summit**”, 18 June 2012, University of the Punjab, Lahore, Pakistan.
22. Participated in “**International Symposium on Diet as an Adjunctive Measure for Prevention and Management of Dengue Epidemics**”, 30-31 January 2012, University of Agriculture Faisalabad, Pakistan.
23. Participated in “**International Conference on Emerging Issues in Food Safety**”, 14-16 November 2011, University of Agriculture Faisalabad, Pakistan.
24. Participated in One-day seminar on “**GM Crops: A Gateway to Successful Agriculture**”, 15 October 2011, University of Agriculture Faisalabad, Pakistan.

25. Participated in the “*11th National Congress of Chinese Society of Environmental Microbiology*”, 28 Nov – 02 Dec 2008, Wuxi, China.

MASS MEDIA REPRESENTATIONS / TV PROGRAMS

1. <http://www.suchtv.pk/program/agri-talk/item/12291-agri-talk-02-07-2014.html>
2. <http://www.suchtv.pk/program/agri-talk/item/10693-agri-talk-16-04-2014.html>
3. <https://www.facebook.com/photo.php?v=10150934151296561&set=vb.590386560&type=3&theater>
4. <https://www.facebook.com/photo.php?v=10152139417941561&set=vb.590386560&type=2&theater>

TRAININGS AND WORKSHOPS

Post Graduate

1. Participated in a training workshop on “*Fundamental of Halal Foods*”, 3rd April 2017 held at Gulab Devi Educational Complex Lahore, Pakistan
2. Successful completion of course assessment and examination for the course “*Good Manufacturing Practices (GMPs)*”, 18-19 February 2016 organized by Bureau Veritas through Trade Related Technical Assistance (TRTA-II) program by UNIDO at Lahore.
3. Successful completion of course assessment and examination for the course “*Global G.A.P.*”, 14-16 March 2016 organized by Bureau Veritas through Trade Related Technical Assistance (TRTA-II) program by UNIDO at Lahore.
4. Participated in “*Workshop on Dengue Management*” 21 December 2015 at Institute of Agricultural Sciences, University of the Punjab, Lahore
5. Participated in “*One Day Training Workshop on Halal Foods*”, 01 September 2015 organized by Islamic Food and Nutrition Council of America (IFANCA) at PCSIR Labs Lahore, Pakistan
6. Participant of “*International Workshop on Biofortification of Staple Crops; a solution to combat malnutrition*”, 29-31 March 2015 at University of Agriculture Faisalabad, Pakistan
7. Three days e-learning training on “*Food Safety and Traceability*”, (December 11-13, 2012) organized by Asian Productivity Organization (APO) Japan, at University of Agriculture Faisalabad, Pakistan.
8. Training course on “*Integrated Pest Management (IPM) in Food Industries*”, (September 10-11, 2004) organized by Food Vision Pakistan at K&Ns Foods (Pvt.) Ltd., Pakistan.

Research

9. Three days training workshop on “*Research Methodologies and Scientific Writing Skills*”, (August 28-30, 2017) organized by Scaling Up Nutrition (SUN) Movement at University of Veterinary & Animal Sciences, Pakistan.
10. Fellow of 43rd Postgraduate Training Course on “*Nuclear and other Advanced Techniques in Agricultural and Biological Research*”, (Nov 02-13, 2015) held at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Pakistan.
11. Fellow of 2014 Food Biotechnology Training Course for Developing Countries “*Unravelling the Complexity of Mixed Cultures in Food Fermentations*”, (Nov 15-19, 2014) organized by CAS-TWAS CoEBio at Luzhou Laojiao Group Co. Ltd., Luzhou-Sichuan, China.
12. Fellow of 2013 Food Biotechnology Training Course for Developing Countries “*Classical Biotechnology (Fermentation) and Genomics for New and Improved Food Products*”, (Nov

28 to Dec 4, 2013) organized by CAS-TWAS CoEBio at Institute of Microbiology, Chinese Academy of Sciences, Beijing, China.

13. Five days workshop on “*Isolation and Molecular Characterization of Shiga Toxin Producing E. coli O:157*” (March 1-5, 2011) held at University of Veterinary & Animal Sciences, Pakistan.
14. Training course on “*Protocols for Basic Molecular Manipulation Techniques*”, (June 24-27, 2006) held at College of Life Sciences, Nanjing Agricultural University, China.

Others

15. Three days training of the trainers on “*Humanity, Altruism & Citizenship in Pakistan*”, (August 23-25, 2017) organized by Ministry of Human Rights at University of the Punjab, Lahore.
16. Three days training on “*Project Preparation / PC I / PC II / Appraisal and Approval*”, (July 3-5, 2013) organized by Pakistan Planning and Management Institute, Islamabad, Pakistan.
17. Fellow of “*20th Master Trainer - Faculty Professional Development Program (MT-FPDP)*”, (January 7 to March 2, 2013) organized by Higher Education Commission Pakistan.
18. Four days “*Faculty Orientation Training Program 2012*”, (July 3-6, 2012) held at Institute of Administrative Sciences, University of the Punjab, Lahore, Pakistan
19. One day workshop on “*Use of Endnote Software for Citation and Referencing in Research*” (February 8, 2011) held at UVAS Lahore, Pakistan (As resource person).
20. One day hands on research workshop on “*Managing Plagiarism in Academic Research- Hands on Training Using Turnitin Software*” (March 4, 2011) held at University of Lahore, Pakistan.
21. Training/technical Session on “*Techniques for Writing and Presenting a Scientific Paper*” conducted by Michael Grossman (University of Illinois, USA), (May 29-30, 2006) held at Nanjing Agricultural University, China.
22. Training course on “*Use of Micro Soft Office Software (Office Automation)*” (November 12, 2001 to January 21, 2002) from Fauji Institute of Information Technology, Faisalabad, Pakistan.

HONOURS AND AWARDS

- Served as Mevlana Instructor (visiting faculty) at Department of Nutrition and Dietetics, Marmara University Istanbul, Turkey in year 2016
- Ambassador of Global Harmonization Initiative (GHI) in Pakistan
- Member National Curriculum Revision Committee (NCRC) on Food Science and Technology (2013-2016), Higher Education Commission (HEC), Pakistan
- Secretary Press & Public Relations, Pakistan Society of Food Scientist and Technologists – Lahore Chapter (Session 2012-2014 and 2016-18)
- Awarded by Overseas scholarship for PhD studies in China in year 2005 by Higher Education Commission (HEC), Pakistan.
- Declared as best International student at Nanjing Agricultural University, China during academic session 2007-2008.

AFFILIATIONS

Memberships

- Global Outreach Member, American Society of Microbiology
- Life Member, Pakistan Society of Food Scientist and Technologists (PSFST)

- Life Member, Nutritionist Association of Pakistan
- Member, Associate Editorial Board, American Journal of Current Microbiology
- Member, Global Harmonization Initiative (GHI)
- Volunteer Member, Institute of Research Promotion (IRP) Pakistan
- Member, National Academy of Young Scientists, Pakistan
- Member, ISEKI-Food Association (IFA)

LANGUAGES

- **English:** As a medium of instructions throughout the educational career including PhD studentship in China.
- **Chinese:** Successfully completed the **Basic Chinese Language Learning** course from Tianjin Normal University, China

REFEREES

- **Professor (Rtd.) Li Shun-Peng,**
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