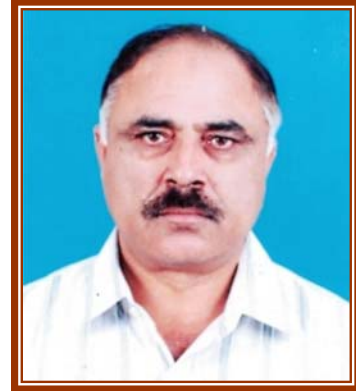


DR. SALIK NAWAZ KHAN

Personal

Father's Name Sadiq Muhammad khan
Date of Birth 19-02 -1960
N.I.C. No. 37405-5318890-1
Nationality Pakistani
Postal Address Institute of Mycology & Plant Pathology, University of the Punjab, Q.A. Campus, Lahore 54590
Permanent Address H.No. 187 Mehran block Allama Iqbal Town, Lahore
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Experience

Date	Title	Institution
24-06-2004 to to date (on regular basis)	Assistant Professor	Institute of Mycology & Plant Pathology, Punjab University, Lahore
20-06-2003 to 23-06-2004 (on contract)	Assistant Professor	Institute of Mycology & Plant Pathology, Punjab University, Lahore
16-09-1989 to 19-06-2003 (on regular basis)	Agricultural officer	OFWM wing agriculture department Punjab
13-03-1989 to 17-09-1989 (on adhoc basis)	Agricultural officer	PW&QC wing agriculture department Punjab

Memberships

- Member editorial board of 'Myconews', an official quarterly publication of First Fungal Culture Bank of Pakistan, University of The Punjab, Lahore.
- Life member of Myco-phytopathological Society of Pakistan (MYCOPS).
- Lifemember and vice president for Phytopathological society Pakistan
- Life member Pakistan Botanical Society

Service Activity

- **Teaching to B.Sc. (Hons.), M.Sc. (Hons.)/M.Phil. and Ph.D.**
- **Supervision of Research Projects and Research Students**
- **Administrative duties assigned by the Institute.**

Brief Statement of Research Interest

- Extension Pathology
- Seed and planting material health management

**Doctor of
Philosophy**

Plant Pathology/Microbiology: Quaid-e-Azam University,
Islamabad, Nov., 2002

Dissertation

“Studies on variation in *Macrophomina phaseolina* in relation to resistance against charcoal rot of Sunflower (*Helianthus annuus*)”

Research Work Focused On:

- i. Status of major pathological, social, economic and structural constraints on sunflower production in various agro-ecological zones of Pakistan.
- ii. Investigations on resistance of commercial and candidate sunflower germ plasm against *Macrophomina phaseolina*
- iii. Investigations on aggressiveness of Pakistani population of *Macrophomina phaseolina* against commercial and candidate sunflower germ plasm.
- iv. Host-Pathogen relationship under variable set of environments

**Master of Hons.
In Agriculture**

Plant Pathology: University of Agriculture, Faisalabad, August, 1988.

Dissertation

“Studies on genetical and chemical control of *Alternaria* Leaf Spot disease of Sarsoon (*Brassica campestris*) and Raya (*B. Juncea*)”

Ph.D. Thesis/Research

Name of Students	Year of passing	Title	Research Focus
Arshad Mahmood	2010	Studies on characterization and management of lasiodiplodia theobromae (pat.) griff & maubl. associated with quickdecline of mango	Molecular and biochemical characterization of host and pathogen population, susceptibility of planting material, IDM
Tariq Riaz	2009	Investigations and management of fungal constraints of gladiolus	Fungal association on bulb Disease development process IDM, production technology

On going Ph.D Thesis projects

Noor Zaman		Management of root rot of <i>Arachis hypogea</i> L. in rainfed areas of Punjab, Pakistan(submission due may, 2011)	Seed health, germplasm susceptibility characterization and environmental factors
Sumera Naz		Characterization and management of <i>Myriotheicum roridum</i> associated with	Molecular and biochemical characterization of host and pathogen interaction, search for resistant germplasm ,

<p>Javed Iqbal (co-supervisor; College of Earth and environmental science uni. of Punjab, Lahore)</p> <p>Shumaila Farooq</p>	<p><i>Myriotheicum</i> leaf spot disease of <i>Momordica charantia</i> L.(Bitter gourd) in Punjab , Pakistan . [Synopsis submitted]</p> <p>Impact of conventional apple fruit processing technologies on fruit health and shelf life quality in Balochistan, Pakistan. Synopsis submission process(Co supervised)</p> <p>Characterization and management of <i>Macropomina phaseolina passigoid</i> associated with charcoal rot disease of <i>Sesamum indicum</i> L.(sesame) in Punjab , Pakistan . [Synopsis submitted]</p>	<p>histopathology of seed and infected plant , IDM.</p> <p>Marketing colander and post harvest sensitivity, Shelf life and fruit quality, potential of residual toxicity analysis of conventional post harvest processing</p> <p>Molecular and biochemical characterization of host and pathogen interaction, search for resistant germplasm , histopathology of seed and infected plant , IDM.</p>
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M.Sc. (Hons.)/M.Phil Thesis/Research

Name of Students	Year of passing	Title	Research Focus
Noshin sharif	2011	Impact of marketing system on fungal association and quality deterioration	Analysis and management of conventional techniques of post harvest processing
Mehwish Bisma (Department of environmental science, International Islamic University, Islamabad)	2011	Impact of microbial and chemical pollution on plant health and productivity.	Impact of microbial health quality of water on initial growth stages of plant
Sadaf Nasrullah	2010	Comparison of local and exotic maize hybrids for their genetic diversity and susceptibility against <i>Cercospora maydid</i> .	Relationship between, variety, soil type and input application on microbial health of soil
Xura moazam	2010	Evaluation of post harvest fungi associated with quality deterioration of	Analysis and management of conventional techniques of

		guava	post harvest processing
Waheed Anwar	2010	Occurrence and diversity of insect associated fungi in soils of Punjab, Pakistan	Biological control and exporing of fungi for insect management
Sumera Naz (co-supervisor; College of Earth and Environmental Science Uni. of Punjab, Lahore)	2010	Effect of different land use types on soil quality of district Okara	Land use type and crop crop health with special emphasis on wheat
Ambreen Sarwar	2006	Effect of storage temperature on bulb quality of gladiolus	Application sensitivity evaluation of usual and newly introduced fungicides
Abdullah Farhan ul Haq Saeed	2006	Evaluation of the effect of storage fungi on quality of tomato (<i>lycopersicon esculentum</i> mill)	Efficacy comparison between recommended and farmer routine practice

B.Sc. (Hons.) Internship/Research Projects

Name of student	Year of passing	Title	Research Focus
M.Umer	2011	Role of pesticide quality in pest management under farm field condition.	IPM
Hafiz Hussnain Nawaz	2011	Insecticidal control of Onion thrips vector on the Onion crop	IPM
Sidra Akhtar	2010	Evaluation of comparative efficacy of chemical fungicides against Downy mildew of <i>Luffa cylindrica</i>	Application sensitivity evaluation of usual and newly introduced fungicides
Faiza Nasrullah Khan	2010	Evaluation of comparative fungicides against the downy mildew of <i>Cucumis sativus</i>	usual and newly introduced fungicides
Faraz Ahmad	2009	Effect of plant spacing on yield of maize hybrid "King Cross"	Effect of agronomic parameter on plant health
Yasin Ashraf	2009	Effect of plant spacing on yield of Canola	Effect of agronomic parameter on plant health
Jutina Jane . Tahira	2008	Microbial and chemical analysis of different wheat soils of Districts of Lahore and Kasur	Relationship between, variety, soil type and input application on microbial health of soil
Sana amjad	2008	In vitro evaluation of bacterial	Initial behavior of pathogen

		leaf blight (<i>Xanthomonas oryzae</i>) of rice.	
Sumera Naz	2008	Grain discoloration disease complex, a new threat to rice crop	Nature and intensity of seed storage
Aasma Rshid	2008	Optimization of growth regulators on callus induction and regulation of basmati rice	Cytopathological studies
Shakil Ahmad	2006	Application efficiency of fungicides on rice crop under farmer field conditions	Efficacy comparison between recommended and farmer routine practice
Gulsher Awan	2006	Evaluation of pesticides from vegetables and fruit	Application sensitivity evaluation of usual and newly introduced fungicides

Achievements and focus of post graduate research projects

- i. Development of disease distribution map for status of major field and post harvest pathological constraints on field and horticultural crops
- ii. Deposited cultures of economically important fungi in National fungal culture Bank Institute of plant pathology university of the Punjab, Lahore
- iii. Nature of aggressiveness under variable set of environments.
- iv. Investigations on host-pathogen relation ship which can serve as tool in studies on genetic resistance.
- v. Effect of climatic conditions on lifecycle of plant pathogenic fungi

Publications

Impact Factor

Shakil Ahmed*, Noor Zaman and **Salik Nawaz Khan** Management of root rot disease of groundnut(*Arachis hypogaea* L.) by plant extracts(2012)*African Journal of Microbiology Research*, 6(21),4489-4494.

Shakil Ahmad*,Noor Zaman and **Salik Nawaz Khan** (2012).response of groundnut genotypes against root rot disease in district mianwali. *Pak. J. Bot.*, 44: 383-386,

Shakil ahmed*, noor zaman and **S. N. Khan** (2012).Evaluation of manuring practices on root rot disease and agronomic characters of *arachis hypogaea* l.*African Journal of Biotechnology*, 11(5), pp. 1119-1122,

Anwar W., Khan S. N., and Haider M. S. (2012). Occurrence of Insect associated Fungi in Hot Arid Zone, *African Journal of Microbiology Research* Vol. 6(41), pp. 6878-6883. Available online at <http://www.academicjournals.org/AJMR>. (**IMPACT FACTOR 0.533**)

Khan S. N., **Anwar W.**, and Haider M. S. (2011). Effect of Planting Environment and Input Application on Natural Distribution Pattern of Entomopathogens. Proceedings Book of International Science and Technology Conference 2011. ISSN: 2146-7382.

Tahira J.J., Khan S. N., Suliman R and **Anwar W.** (2011). Evaluation of soil quality on the basis of chemical and microbial health for potential use in agriculture. African Journal of Agricultural Research Vol. 6(16), pp. 3713-3717, 18 June 2011. Available online at <http://www.academicjournals.org/AJAR>. ISSN 1991-637X © 2011 Academic Journals. (**IMPACT FACTOR 0.10**).

Riaz T, **Khan SN** and Javaid A (2010). Screening of *Gladiolus* germplasm for agronomic performance and resistance against corm rot disease. African Journal of Biotechnology, 9(40):6701-6707

Riaz T, **Khan SN**, Javaid A (2010). Management of corm-rot disease of gladiolus by plant extracts. Nat Prod Res. 24(12):1131-8.

Riaz T, **Khan SN**, Javaid A (2009). Effect of co-cultivation and crop rotation on corm rot disease of *Gladiolus*. *Scientia Horticulturae* 121: 218-222

Riaz T, **Khan SN**, Javaid A (2010). Management of *Fusarium* corm rot of gladiolus *grandiflorus* sect. Blandus cv. Aarti) by using leaves of allelopathic plants. *African Journal of Biotechnology*. 9(30):4681-4686

Khan SN, Ayub N, Ahmad I, and Asad S (2007). Effect of climatic conditions on lifecycle of charcoal rot infected sunflower. Pakistan Journal of Botany. **39(7)**: 2657-2662.

Riaz T, **Khan SN** and Javaid A (2007). Effects of incorporation of allelopathic plants leaf residues on mycorrhizal colonization and *Gladiolus* diseases. *Allelopathy Journal* 20(1):61-70.

Tariq Riaz, **Khan, SN** and Arshad Javaid (2007). Scenario of *Gladiolus* production in Pakistan. Pakistan Journal of Botany 39(7):2386-2393

T. Riaz, **Khan SN** and Javaid, A (2009). Weed flora of *gladiolus*

fields in district kasur, pakistan .*The Journal of Animal & Plant Sciences* 19(3): 144-148.

Javed, A, Shabir, A and **Khan, SN** (2006). Preliminary report on tree dieback in Balochistan. *Int. J. Biol. Biotech.* 3 (4):711-715.

Impact Factor submitted

Anwar W., Shafiq M., Haider M. S., Bibi A., and Khan S. N. (2012). First report of *Cochliobolus australiensis* causing leaf spot of Turfgrasses in Pakistan. Submitted to New Disease Reports. ISSN 2044-0588. (**IMPACT FACTOR 2.368**)

Suliman R., Khan S. N., Tahira J. J. and **Anwar W.**, (2012) Assessment of Health Status, Microbial Association, Growth Responce and Resistance Potential of Coriander (*Coriandrum sativum* L.) Under Natural Condition (Accepted in Pakistan Journal of Phytopathology).

Tahira J. J., Khan S. N., Suliman R., and **Anwar W.**, (2012). Evaluation of Antifungal Potential of some plants (Garlic, Ginger & Onion) extracts against *Alternaria alternata* (Accepted in Pakistan Journal of Phytopathology).

Anwar W., Khan S. N., Tahira J. J., Suliman R., Naz S., (2012). Assessment of Antifungal potential of some Aqueous plant extracts and fungicides against *Alternaria alternata*.(Submitted in *African Journal of Microbiology*, **Impact Factor: 0.245**)

Anwar W., Ahmad S., Haider A., Nadeem M., & Sheer G., (2012). Biosynthesis of Alpha amylase from waste of Potato Processing Industry by *Aspergillus niger*. (Submitted in Pakistan Journal of Scientific and Industrial Research)

Tahira JJ. **Khan SN**, Suliman R and Anwer W (2011). Evaluation of soil quality on the basis of chemical and microbial health for potential use in agriculture. *African Journal of Agricultural Research*(in press).

Shah MH, Bashir RBU, **Khan SN**, and Javaid A.2011. Allelopathy of Rice mulching on the growth of *Avena sativa*.. *Pakistan journal of Botany*

HEC Recognized

Tahira J.J., Khan S.N., **Anwar W.** and Suliman R. (2012). Mycorrhizal association in some weeds of curcuma longa fields of district Kasur, Pakistan. *Pak. J. Weed Sci. Res.* 18(3): 331-335.

Anwar W., Khan S. N., Tahira J. J., and Suliman R., (2012). *Parthenium hysterophorous*: an Emerging Threat for *Curcuma longa* Fields of Kasur District, Punjab (Pakistan). *Pak. J. Weed Sci. Res.* 18 (1): 91-97, 2012.

Shah MH, Khan SN, Tahira JJ, Suliman R and Anwar W.(2010). Impact of Pathogenic fungi and Bacteria on Feunogreek (*Trigonella foenumgraecum* L.) Plant stand quality under natural conditions. *Pakistan Journal of Phytopathology* 22(2):130-134

Shah MH, Mukhtar I and Khan SN (2010).Review article: Medicinal importance and association of pathological constraints with *Dilbergia sissoo*. *Pakistan Journal of Phytopathology* 22(2):135-138

Tahira JJ, **Khan SN**, Suliman R and Anwar W. (2010) Weed flora of *curcuma longa* fields of district Kasur, Pakistan. *Pak. J. Weed Sci. Res.* 16 (2): 241-246

Arshad H. I., Khan J.A, Naz S., **Khan SN** and Akram M. (2009). Grain discoloration disease Complex: a new threat to rice crop and its management. *Pakistan Journal of Phytopatholog.* 21(1):31-36

Khan, SN, Amjad, S, Suleman, R, Mukhtar, I. 2009. In vitro evaluation of bacterial leaf blight (*Xanthomonas oryzae*) of rice. *Pakistan Journal of Phytopathology* 21(2):130-134

Riaz T, **Khan SN**, Javaid A (2009). Response of some new hybrids of *Gladiolus grandiflorus* to different corm storage temperatures. *International Journal of Agriculture and Biology* 11(4): 498-500.

Riaz T, **Khan SN**, Javaid A (2009). Correlation between soil nutrient status and corn-rot disease of *gladiolus* in Rawalpindi and Islamabad, Pakistan. *Pakistan Journal of Phytopathology* 21(2):148-151

T. Riaz, **Khan SN** and Javaid, A (2009). Weed flora of

gladiolus fields in district kasur, pakistan .*The Journal of Animal & Plant Sciences* 19(3): 144-148.

Riaz T, **Khan SN**, Javaid A (2008). Effect of inoculum density on *Fusarium* corm rot disease of *Gladiolus*. *Pakistan Journal of Phytopathology* 20(2): 229-233.

Javaid A, Riaz T and **Khan SN** (2007). Mycorrhizal status of *Narcissus papyraceus* Ker-Gawl. co-cultivated with *Cynodon dactylon* Pers. *International Journal of Agriculture and Biology* 9 (6):901-904.

Mahmood M, **Khan SN**, Ali S and Alam S (2007). Methods for the chemical control of quick decline/ sudden death of Mango. *Pakistan Journal of Phytopathology* 19(1): 81-85.

Mahmood M, **Khan SN**, Ali S and Khan SM (2007). Survey for prevalence of sudden death of mango in different districts of Punjab. *Pakistan Journal of Phytopathology* 19(1): 86-89.

Khan SN, Ayub N and Ahmad I (2007). Inhibitory effect of extracts of plant parts of sunflower hybrids on sclerotia production of *Macrophomina*. *Pakistan Journal of Phytopathology* 19(2): 150-154.

Riaz T and **Khan SN**, Javaid A and Farhan A (2007). Weed Flora of *Gladiolus* fields in Lahore. *Pakistan Journal of Weed Science Research* 13(1-2): 113-120.

Khan SN, Riaz T and Javaid A (2007). Effect of co-cultivation and residue incorporation of *Parthenium hysterophorous* on plant growth and corm dry rot of *gladiolus*. *Pakistan Journal of Phytopathology* 19(2): 155-159.

Mahmood M, **Khan SN**, Ali S and Khan SM (2007). Physiological studies of *Lasiodiplodia theobromae* the cause of quick decline of mango. *Pakistan Journal of Phytopathology* 19(2): 160-162.

Mahmood M, **Khan SN**, Ali S and Ahmad I (2007). Screening of genetic source against death/quick decline of *Lasiodiplodia theobromae* of mango. *Pakistan Journal of Phytopathology* 19(2): 163-165.

Javed, A, Shabir, A and **Khan, SN** (2006). Preliminary report on tree dieback in Balochistan. *Int. J. Biol. Biotech.* 3 (4):711-715.

Khan SN, Ahmad I, Ayub N and Bhutta AR (1999). Geographic distribution of major diseases of spring sunflower crop in Pakistan during 1996. *Helia (IFVC-FAO-ISA)* 22(31): 163-170.

HEC Recognized submitted

Ruqia Suliman, **Salik Nawaz Khan**, Waqar Ahmad, Waheed Anwar (2010). In vivo evaluation of *Daucus carota* against bacterial stress for potential of deteriorating plant stand quality. Pakistan Journal of phytopathology(Accepted)

Abdullah Farhan-Ul-Haq Saeed, **Salik Nawaz Khan**, Tariq Riaz and Ambreen Sarwar (2011). Fungal association and fruit decay process of tomato (*lycopersicon esculentum* mill.) linked with marketing season and distance from market. (Accepted)

Salik Nawaz Khan, Zurra Moazam, Sadaf Nasrullah and Naushin Sharif (2011). Sensitivity of commercial varieties of guava for post harvest quality deterioration of guava in market. Pakistan Journal of Phytopathology(Review process)

Waheed Anwar, **Salik Nawaz Khan**, Ruqia Suliman, and Justina Jane Tahira(2011). Quality deterioration from fungi associated with spinach (*spinacia oleracea*) seeds from vegetable market of Lahore. (Review process)

Non-HEC Recognized

Khan, SN, Tariq Riaz, Hannan, A and Mukhtar, I (2006). Fungal contamination of medicinal herbs during commercial storage in Punjab. *Mycopath* 4(2):21-25.

Hanan, A, Mukhtar, I, Riaz, T and **Khan, SN** (2005). Effect of plant extract on black point infection of wheat. *Mycopath* 3(1-2):53-55.

Khan, SN, Ayuyb, N, Ahmad, I and Yasmin, T (2005). Effect of inoculum density of *Macrophomina phaseolina* on mortality of sunflower. *Mycopath* 3(1-2):61-63.

Khan, SN, Ayuyb, N, Ahmad, I and Yasmin, T (2005). Population dynamics interaction of *Macrophomina phaseolina* on mortality of sunflower. *Mycopath* 3(1-2):33-36.

Saeed AF and **Khan, SN** (2010). Post harvest losses of tomato (*Lycopersicon esculentum* mill.) in markets of district Lahore. *Mycopath* 8(2):97-99

Saeed AF, **Khan, SN**, Sarwar A and Tahira JJ (2010). Effect of packing materials on storage of tomato *lycopersicon esculentum* mill. *Mycopath* 8(2):85-89

Books (In press)

Zurra Mouzzam and **Salik Nawaz Khan** (2011). Factors associated with post harvest decay of Guava. VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan and Tariq Riaz (2011). Biology and management of corn rot of Gladiolus. VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan and Abdullah Farhan ul Haq Saeed (2011). Pathological and management constraints associated with shelf life of quality deterioration of tomato. VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan and Waheed Anwar (2011). Ecological factors linked with pathogenic efficiency Gallaria against Verticillium wilt. VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Books submitted

Arshad Mehmood and **Salik Nawaz Khan** and Sarwer Alam (2011) Molecular and biochemical characterization of lasiodiplodia theobromae associated with quick decline of mango, VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan, Ambreen Sarwer and Tariq Riaz (2011) post harvest bulb storage on field performance of Gladiolus, VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan and Sadaf Nasrullah (2011) Genetic characterization of maize susceptibility reaction against *Cercospora* leaf spot. VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan, Sumaira Naz and M. Nawaz Ch. Effect of land use type on soil quality and productivity. VDM, publishing house, ltd. Meldrum court 17. Beau basin. Mautitius. www.vdm-publishing-house.com

Salik Nawaz Khan

Research Projects completed as Principal investigator under PU Research grant

- 2007-08: Pathological constraints of cut flowers in Punjab.
- 2008-09: Post harvest constraints of tomato.
- 2008-09: Effect of gladiolus bulb quality on storage and field performance

Curriculum designing under HEC and Departmental committee

Participated in the meetings and workshops organized by HEC for curriculum designing for plant pathology and some other disciplines of agriculture

HEC recognized supervisor for supervising Ph.D thesis research

Preparation of self assessment manual under HEC, Quality evaluation cell for the years 2007-08, 2008-09, 2009-10

Research article review for impact factor and peer reviewed journals

1. International journal of plant science (IRJPS)
2. African Journal of Biotechnology
3. African Journal of Agriculture
4. African Journal of Plant Science
5. African Journal of Biotechnology
6. Heredity Animal and Plant sciences. The University of Sheffield Sheffield
7. Journal of Medicinal Plants Research (JMPR)
8. Journal of toxicology and environmental health science (JTEHS)
9. International journal of biotechnology (IRJOB)
10. Journal of geography and journal planning (JGRP)
11. Journal of antimicrobials (JMA)
12. International research journal of microbiology (IRJM)
13. Journal of physical Sciences
14. Journal of Natural Product Research
15. International Journal of Agriculture and biology
16. Journal of Ecology and the Natural Environment (JENE)
17. International Research Journal of Plant Science (IRJPS)
18. Pakistan journal of seed Sciences

Other Research or Creative Accomplish-ments

Soil degradation pattern under exhaustive cultivated areas of Distt. Sahiwal
Varietals susceptibility of commercial hybrids of maize against pathological threats

Varietals susceptibility of commercial hybrids of tomato against pathological threats

**Selected
Professional
Presentations**

Khan, J., Maqsood, U., **Khan, SN.**, Qureshi, MQ. 2012. Analysis of Agronomic traits and Mycoflora of Different Varieties of Rice. International conference on Climate Change: A Challenge for Agriculturists. May 28-30.

Tariq, W., Khan, J., **Khan, SN.**, Qureshi, MQ. 2012. Impact of storage environment on post harvest association of fungi and agronomic traits of commercial wheat germplasm. National science conference on Agriculture and food security issues in global environmental prospectives. July 11-13.

Khan, J., Tariq, W., Maqsood, U., **Khan, SN.**, Qureshi, MQ. 2012. Analysis of Agronomic traits and Mycoflora of Different Varieties of Rice. National science conference on Agriculture and food security issues in global environmental prospectives. July 11-13.

KhanSN, Tahira JJ and Anwar W. An international conference on climatic changes for agriculture organized by HEC sponsored Projects, In Khaber pakhtkhwa zgriculture university Peshawarmay 28-30, 2012

Khan S. N., **Anwar W.**, and Haider M. S. (2011). Effect of Planting Environment and Input Application on Natural Distribution Pattern of Entomopathogens. International Science and Technology Conference 2011. Istanbul, 7-9 December, 2011.

Anwar W., Khan S. N., Aslam M., Shehbaz M. and Tahira J.J. (2011). Occurrence of Insect associated Fungi in Hot Arid Agroecological Zone, Pakistan. International conference on sustainable approaches for pest and vector control management in Pakistan. Organized by Department of Zoology Lahore College for Women University Lahore & WWF, Pakistan. February 21-22 2011.

Anwar W., Khan S. N., and Aslam M. (2011). Occurrence and Diversity of Insect Associated Fungi in Soils of Cotton Agroecological Zone, Punjab, Pakistan. 2nd International Conference of Plant Scientists at Govt. College University, Lahore. February 2011

Shafiq M., **Anwar W.**, Bibi A., Manzoor M. T. and Haider M. S. (2011). Effects of Humic Acid and Foliar NPK in Potato Fields. International Conference on Prospects and Challenges to Sustainable Agriculture. Organized by Faculty of Agriculture, Rawalakot,

University of Azad Jammu and Kashmir. July 14-16.

Tahira JJ, **Khan SN**, Suliman R and Anwar W. (2011). Impact of microbial and chemical amended soil on wheat growth. National symposium on “sustainable agriculture in changing climate” Bara Gali (Abbot Abad) organized by Pakistan agriculture Scientist forum, July 7-9

The 6th World Congress on Allelopathy Allelopathy Research for sustainable Development – from theory to practice December 15-19, 2011, International Allelopathy Society, South China Agricultural University Guangzhou, China P11-7 Impact of manuring practices on agronomic characters and root rot disease of *Arachis hypogaea* L.

Shakil Ahmed*, Noor Zaman and Salik Nawaz Khan P11-8 Efficacy of mulching of five plants against root rot disease and agronomic characters of groundnut

Khan SN, Sarwar A and Riaz T. (2011). Effect of storage temperature on field performance and gladiolus stick quality. National symposium on “sustainable agriculture in changing climate” Bara Gali (Abbot Abad) organized by Pakistan agriculture Scientist forum, July 7-9

Khan SN, Ahmad I and Auyub N. 2011. Morphological and pathogenic diversity of population of *Macrophomina phaseolina* against commercial germplasm of *Helianthus annuus*. National Symposium on biodiversity of Pakistan, Pakistan museum of natural history, Islamabad, June 7-9.

Anwar W, **Khan SN** and Haider MS. 2011. Biodiversity of insect associated fungi in different agroecological zones and land use types. National Symposium on biodiversity of Pakistan, Pakistan museum of natural history, Islamabad, June 7-9.

Anwar, W, **Khan SN**, Aslam M and Tahira, JJ. 2011. Occurrence of insect associated fungi in hot agroecological zones of Pakistan. International conference on sustainable approaches for pest and vector control management in Pakistan. Government college university, Lahore Feb. 21-22

Anwar, W, **Khan SN**, and Aslam M. 2011. Occurrence of insect associated fungi in soils of cotton agroecological zones of Punjab, Pakistan 2nd International conference of plant scientists & 11th

national meeting of plant scientists. Feb. 22-24

Bisma B, Saeed R, **Khan SN**, Tahira JJ, Suliman R and Anwar W. 2011. Impact of urban waste pollution on water quality of CBDC Lahore for its impact on human health. 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

Shah MH, Bashir RBU, **Khan SN**, and Javaid A. 2011. Allelopathy of Rice mulching on the growth of *Avena sativa*. 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

Khan SN, Moazam X, Sadaf S and Sharif N. 2011. Post harvest fungi pathological constraints associated with guava in market. 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

Shakil Ahmed*, Noor Zaman and **Salik Nawaz Khan** Management of root rot disease of groundnut (*Arachis hypogaea* L) by plant extracts First International conference on Organic Agriculture – Limitations and Future 11-14 October 2010 organized by Egyptian Society for Organic Agriculture and Environmental Protection (ESOAEP) Ain Sham University, Cairo Egypt

Nasrullah S **Khan SN**, Mahmood, N, Moazam X and Sharif N. 2011. Evaluation of *Zea mays* L. against *Cercospora zea maydis* an emerging threat to commercial maize germplasm by application of molecular tools. 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

Suliman R, Tahira JJ, Farooq M, **Khan SN**, and Anwar W. 2011. Impact of Bamban Wala Ravi Baidian canal water quality deterioration on productivity of agricultural land. 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

Anwar, W, **Khan SN**, and Aslam M. 2011. Occurrence and diversity of insect associated fungi in soils of cotton agroecological zones of Punjab, Pakistan 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

Zaman N, Ahmad S and **Khan SN**. 2011. Weeds diversity in groundnut fields in the main groundnut growing areas of Punjab, Pakistan. 2nd International conference of plant scientists & 11th national meeting of plant scientists. Feb. 22-24

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Khan, SN (2008). Participated in workshop on “Cutting edge issues and quality concerns in the agricultural scenario” March 3-4, Organized by University college of agriculture, University of Sargodha

Khan, SN, Mahmood, A and Ali, S (2007). Physiological studies of *Lasiodiplodia theobromae* the cause of quick decline/sudden death of mango. November 19-21, 3rd International conference phytopathology conference, University of the Punjab, Lahore.

Mahmood, A, **Khan, SN** and Ali, S (2007). Screening of genetic source against sudden death / quick decline *Lasiodiplodia theobromae* of mango. November 19-21, 3rd International conference phytopathology conference, University of the Punjab, Lahore.

Farhan-ul-Haq, A and **Khan, SN** (2007). Evaluation of post harvest chain of tomato (*Lycopersicon esculentum* Mill.) crop in markets of Lahore. November 19-21, 3rd International conference phytopathology conference, University of the Punjab, Lahore.

Riaz, T and **Khan, SN** (2007). Management of *Gladiolus* corm rot by zinc. November 19-21, 3rd International conference Phytopathology conference, University of the Punjab, Lahore.

Khan, SN and Riaz, T (2007). Fungal constraints of roses in Punjab, April, 25-27. International conference “Biological resources of Pakistan: problem success and future prospective” University of Arid Agriculture Rawalpindi.

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Khan, SN, Riaz, T (2007). Investigations on fungal constraints of Carnation in Punjab, Pakistan. Inter. Symposium on “Prospects of horticultural industry in Pakistan, Institute of horticultural sciences, University of agriculture Faisalabad, Pakistan: March 28-30.

Khan, SN and Riaz, T (2006). Pathological constraints of Rose in Punjab & Islamabad. 3rd National Conference on agriculture and animal sciences, Sindh university of agriculture, Tandojam,

Pakistan Nov.20-23.

Riaz, T and **Khan, SN** (2006). Scenario of *Gladiolus* Production in Punjab, Pakistan. National Conference of Plant Scientists, Jamshroo, Sindh, Pakistan Feb.13-16.

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Khan, SN (2006). Scope of bioinformatics in development of sustainable structure of plant disease management in Pakistan. University of information technology and management sciences, Quetta: April 13-16.

Shabbir, A, Bajwa, R and **Khan, SN** (2006). Beneficial Microorganism for improved wheat production. National Conference of Plant Scientists, Jamshroo, Sindh, Pakistan.

Riaz, T and **Khan, SN** (2006). Base line studies on production constraints of *gladiolus* in Punjab Pakistan.34th Pakistan (SAARC) countries science conference University of veterinary and Animal Sciences, Lahore, Pakistan.

Khan, SN, Riaz, T, Husain, A and Shabbir, A (2006). *Parthenium hysterophorus* L.: An emerging threat for Gladiolus in Islamabad, Pakistan. Second International Weed Science Conference University of Arid Agriculture, Rawalpindi, Pakistan.

Khan, SN, Ayuyb, N and Ahmad, I (2000). Role of various inoculum levels of *Macrophomina phaseolina* on yield of sunflower. 7th National conference of plant scientists, November 14-16, University of the Punjab, Lahore.

Khan, SN, Ayuyb, N and Ahmad, I (1999). Distribution of charcoal rot disease of sunflower in Pakistan during 1999. 2nd National conference of plant pathology, September 27-29, University of agriculture Faisalabad, Pakistan.

Khan, SN, Ahmad, I, Ayuyb, N and Ratu, A (1998). Geographical distribution of major diseases of sunflower crop in Pakistan during 1996. 13th Iranian plant protection congress, Tehran March 26-31 (presented by 2nd author).

Trainings and workshops

- 1st National workshop on the use of animal in science ethical & practical consideration. Punjab university college of Pharmacy, Lahore Pakistan Jnuary 21-23, 2011
- Participated in conference on “Trade remedial laws under the WTO system: Experience of Pakistan” December 13, 2007, Organized by WTO cell, Planning & Development Department Government of the Punjab and Law College,

University of the Punjab, Lahore.

- Participated in workshop on “Self Assessment Manual” on November 27, 2007 Quality enhancement cell, University of the Punjab, Lahore.
- Participated in workshop on “National workshop to train the traditional medical practitioners about the conduction of clinical trails and to train plant growers to adapt and implement GACP and FCP guidelines” August 30-31, 2007Lahore. Organized by’ Drugs and traditional medicines division: National institute of health, Islamabad
- Workshop on Innovations in assessment. Organized by Quality enhancement cell, university of the Punjab, Lahore Jan.15,2007
- Workshop on self assessment manual. Organized by Quality enhancement cell, university of the Punjab, Lahore Dec.18,2006
- National Training course on ToT/F and FFS by FAO/IPM Pakistan February 7-9,2005
- Two weeks workshop in teaching skills at university of education Lahore: April 4-10,2005
- National Seminar on Shisham die back, June 29,2005
- Meeting on Public and private sector research stakeholders for FAO/IPM, June 4,2005 Islamabad
- HEC National curriculum revision final meeting in Agronomy, June 6-8, Lahore
- HEC National curriculum revision final meeting in Plant Protection, June 13-15, Peshawar 2005
- Water course designing and improvement, precision land leveling and irrigation agronomy from 2.12.1989 to 28.2.1990, organized by water Management training Institute, Lahore.

National long course on Water Management and Rural Developments, from 10.11.1990 to 28.1.1991 organized by University of Agriculture, Faisalabad