Mr. Hakim Khan, Assistant Professor

NAME : Hakim Khan

Father's Name : Saadat Khan

PERSONAL

Date of Birth : April 02, 1967

Domicile : NWFP (Nowshera)

Religion : Islam

NIC No. : 17201-2232311-1

Permanent Address : Village; Zakhi Qabristan,
Post Office; Akbarpura; Distt. & Tehsel;
Nowshera.

Contact Address : Lecturer, Deptt. Plant Pathology,
NWFP Agricultural University,
Peshawar.
Office Phone # 091-9216552
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Computer Skills

Skilled in Lotus, Harward Processing (Windows) and MSTATC.

Languages

Fluent in Pushto, Urdu and English.

Qualification

Exam.	Year	Board/Univ.	Marks/Total	%age	Div.
S.S.C.	1983	BISE, Peshawar.	615/850	72.4	1st
F.Sc.	1986	BISE, Peshawar.	692/1100	62.9	1st
B.Sc.(Hons), Agriculture.	1990	NWFP, AU, Peshawar.	3.97/4.00	86.7	1st
M.Sc.(Hons), Agriculture.	1992	NWFP, AU, Peshawar.	3.96/4.00	83.8	1st

Specialization

Master of Science (Hons) in Agriculture with specialization in Plant Pathology. Thesis conducted on "Chemotherapy and Thermotherapy of Tomato Mosaic Virus (ToMV)".

Courses taught

No.	Course No.	Course Title	Credit hour	Class
1.	PPL-411	Introduction to Plant Pathogens	3	B.Sc.(Hons) Part-1I
2.	PPL-501	Diseases of Field Crops	4	B.Sc.(Hons) Part-1II
3.	PPL-512	Introductory Mycology	4	B.Sc.(Hons) Part-1II
4.	PPL-601	Mycology-1 (Now, it is M.Sc (Hons) level course).	4	B.Sc.(Hons) Part-1V
5.	PPL-602	Mycology-2 (Now, it is M.Sc (Hons) level course).	4	B.Sc.(Hons) Part-1V
6.	PPL-602	Beneficial Microorganisms	3	B.Sc.(Hons) Part-1V
7.	PPL-603	Diseases of Fruit Crops	4	B.Sc.(Hons) Part-1V
8.	PPL-606	Principles of Plant Disease Control	4	B.Sc.(Hons) Part-1V
9.	PPL-608	Introductory Nematology	4	B.Sc.(Hons) Part-1V
10.	PPL-704	Plant Nematology	4	M.Sc.(Hons) Previous
11.	PPL-717	Plant Disease Management-I	4	M.Sc.(Hons) Previous
12.	PPL-718	Plant Disease Management-II	4	M.Sc.(Hons) Previous
13.	PPL-723	Plant Disease Diagnosis	4	M.Sc.(Hons) Previous

EXPERIENCE

Date	*Title*	*Institution*
01.09.2000 to date	*Lecturer*	Department of Plant Pathology, NWFP Agriculture University, Peshawar, Pakistan.
01.07.1997-30.06.2000	*Research Associate*	Pakistan Science Foundation Funded Research Project, Department of Plant Pathology, NWFP Agricultural University, Peshawar, Pakistan.
01.05.1996-31.07.1997	Co-Ordinator (NRM)	A project of an NGO "Protection of Environment and Rural Development (PERD)", Funded by Swiss NGO Program Office (SNPO).
01.05.1993-30.04.1996	Research Associate	Pakistan Science Foundation Funded Research Project, Department of Plant Pathology, NWFP Agricultural University, Peshawar, Pakistan.

HONOURS AND AWARDS

1. Third Position in the Department of Plant Pathology, AUP, in B.Sc.(Hons).
2. Third Position in the Department of Plant Pathology, AUP, in M.Sc.(Hons).

MEMBERSHIP

Pakistan Phytopathological Society 2000-2001.
Pakistan Phytopathological Society 2007-2008.

Undergraduate students (B.Sc.Hons)

(1). Students Supervised in B.Sc.(Hons) Special Problem;

(i). Basharat Ali, 2005. Incidence of Powdery mildew of okra in Peshawar and Nowshera Districts of NWFP. Deptt. Plant Pathology, NWFP Agricultural University, Peshawar.Pp.7.

(ii). Muhammad Tahir,2001. Determining population density of potato cyst nematodes in the soil of Utrore (Kalam). Deptt. Plant Pathology, NWFP Agricultural University, Peshawar.Pp.8.

(2). Students Supervised in B.Sc.(Hons) Review paper write up;

(i). Ishtiaq Alam, 2004. Variability in *Phytophthora infestan* (Mont) De Bary Dept. Plant Pathology, NWFP Agricultural University, Peshawar.Pp.29.

(ii). Muhammad Tahir, 2001. Biological control of root knot nematode with trapping fungi. Deptt. Plant Pathology, NWFP Agricultural University, Peshawar.Pp.17.

(3). Students Supervised in B.Sc.(Hons) Internship Report and Research

(i). Junaid, M. 2006. Response of various maize cultivars to different levels of nitrogen under natural epiphytotic conditions. Pp.39.

(4). Students Supervised in M.Sc (Hons) Special Problem;

(i). Ishrat Naz, 2006. Chemical control of root and caller rot of chillies caused by Phytophthora capsici Leon. Dept. Plant Pathology, NWFP Agricultural University, Peshawar. Pp 23.

Post graduate students (M.Sc.Hons)

(1). Students supervised in M.Sc(Hons) Thesis research;

(i) Khan, I. A, 2007. Evaluation of various fungicides and cultivars for the control of pea rust under natural epiphytotic conditions. Pp.30.

(ii) Naz, I, 2007. Effect of various sowing dates and cultivars on the control of Okra root rot under natural epiphytotic conditions. Pp.40.

(iii) Ahmad, M, 2004. Control of *Phytophthora* root rot in chillies with *Trichoderma harzianum* Rifai. Dept. Plant Pathology, NWFP Agricultural University, Peshawar. Pp.41.

(2). Students Co-supervised in M.Sc (Hons) Thesis research;

(i). Sana Ishtiaq, 2008. Integrated Management of Cucumber down mildew under natural Field Conditions of Peshawar.

(ii). Ishtiq Alam, 2007. Evaluation of fungicides for controlling downy mildew of onion under field conditions.

(iii). Zahid Iqbal, 2004. Effect of pasteurization time on mycoflora of casing material for growing button mushroom (*Agaricus bisporus*). Dept. Plant Pathology, NWFP Agricultural University, Peshawar. Pp.64.

(iv). Mian Abdul Qadir Shah, 2004. Effect of pasteurization on the control of fungal pathogens of compost for growing button mushroom (*Agaricus bisporus*). Dept.. Plant Pathology, NWFP Agricultural University, Peshawar. Pp.43.

(v). Nadia Jabeen, 2003. Studies on the effect of basal and amended culture media and pH on colony growth of *Agaricus bisporus* (Lange) Sing., (Holobasidiomysitidae) the button mushroom. Dept. Plant Pathology, NWFP Agricultural University, Peshawar. Pp.56.

(vi). Irfan ud Din, 2002. Biological control of *Meloidogyne javanica* (Treub) Chitwood in tomato with *Trichoderma harzianum* Rifai and spent mushroom compost under field conditions. Dept. Plant Pathology, NWFP Agricultural University, Peshawar. Pp.64.

Service activity

Teaching courses assigned in the Department of Plant Pathology. Supervising students in research, theses write up, conducting research on Pathological problems and its write up, and giving advice in their seminars. Setting up papers, taking the theory and practical exams and marking their manuscripts. Doing Supervisory duty in the University examinations. Giving advisory services to the farmers. Any other tasks assigned by the Department/University or Government of Pakistan.

Brief statement of research interest

Ecology, Epidemiology and Management of Fungal Plant Pathogens.

PUBLICATIONS

Articles published by refereed journals

1. Khan, I. A., H. Khan, A. Ali, F. Raziq, S. Hussain, M. Ahmad and Attauddin. 2009. Evaluation of various fungicides and cultivars for the control of pea rust under natural conditions. Sarhad J. Agric. 25(2): 261-268.
2. Naz, I., H. Khan, A. Ali, M. Ahmad, A. Hussain and M. Tahir. 2009. Effect of various sowing dates and cultivars on the management of okra root rot under natural field conditions. Sarhad J. Agric. 25(2): 251-260.
3. Junaid, M., H. Khan, A. Ali, M. Ahmad and F. Raziq. 2009. Response of various maize cultivars to different levels of Nitrogen against *Bipolaris maysdis* Shoemaker under natural epiphytotic conditions. Sarhad J. Agric. 25(2): 243-249.
4. Fazli Raziq, Ishtiaq Alam, Ishrat Naz and Hakim Khan, 2008. Evaluation of fungicides for controlling downy mildew of onion under field conditions. Sarhad J. Agric. 24 (1): 85-91.
5. Adil Hussain, Fazli Raziq and Hakim Khan, 2008. *In vitro* integrated control of *Colletotrichum gloeosporioides* with biological and chemical agents. Sarhad J. Agric. 24 (1): 79-84.

6. Hakim, K., F. Raziq and B. Ali, 2006. Incidence of powdery mildew on Okra Peshawar and Nowshera District, NWFP. Scientific Khyber, 19 (1): 65-69.
7. Hakim, K., I. Naz, M. Ahmad, S. Hussain and Fazli Raziq, 2006. Chemical control of root and caller rot of chillies. Scientific Khyber, 19 (1): 57-64.
8. Saifullah, Irfan-ud-din, Hakim Khan and Baharullah, 2005. Biological control of *Meloidogyne javanica* (Treub) Chitwood in tomato with *Trichoderma harzianum* Rifai and spent mushroom compost under field conditions. Pak. J. Phytopathol. 17(2):144-148.
9. Saifullah, M.A.Q. Shah and Hakim K., 2005. Control of Fungal Pathogens of white button mushrooms through Pasteurization of compost. Scientific Khyber, 18(1):7-15.
10. Ahmad, M., Hakim Khan ,Saifullah and Attauddin, 2005. Control of *Phytophthora* root rot in Chillies with *Trichoderma harzianum* Rifai. Sarhad J. Agric. 21(3):457-462.
11. Saifullah, Zahid Iqbal, Hakim Khan and Abdul Qadir Shah,2005. Effect of Pasteurization time on the recovery of mycoflora of casing material used for growing *Agaricus bisporus* (lange) Sing . Sarhad J. Agric. 21(2):275-280.
12. Jabeen, N., Saifullah, Hakim Khan and Baharullah Khattak, 2004. Development of a culture medium for the growth of *Agaraicus bisporus* (lange) Sing. (Holobasidiomycetidae), the Button Mushroom. Scientific Khyber, 17(1):1-7.
13. Ahmad, S. and H. Khan, 2002. Development of an Integrated disease management model for onion downy mildew control. Asian J. Pl. Scic. 4(1):448-449.
14. Baharullah, K., Saifullah and Hakim K., 2002. Biological control of root knot nematode with *Trichoderma harzianum* Rifai on tomato. Scientific Khyber, 15(1):85-94.
15. Shabeer, A. and Hakim Khan, 2001. Influence of Host Management on Downy Mildew Control in Onion. Pak. J. Bio. Scic., 4(9):1126-1128.
16. Shabeer, A. and Hakim Khan, 2000. Effect of fungicide synergy on downy mildew control in onions. Pak. J. Biological Sci. 3(6):1042-1043.
17. Shabeer, A., Attauddin and Hakim Khan, 1995. Effect of various levels of fertility on incidence of maize common smut in Hazara and Malakand Divisions of Pakistan. Pak. J. Phytopath. 169-173.
18. Shabeer, A., Attauddin and Hakim Khan, 1995. Influence of Plant Density on Intensity of maize common smut at high elevation in the NWFP, Pakistan. Sarhad J. Agric. 1(2):195-200.
19. Shabeer, A., Attauddin and Hakim Khan, 1995. Evaluation of maize germplasms underartificial epiphytotics for resistance to maize common smuts in the NWFP, Pakistan. Sarhad J. Agric.1(2):201-203.

Papers or extended abstracts published in conference proceedings

Shabeer, A., Attauddin and Hakim Khan, 1996. Integrated control of maize common smut in the NWFP: A Proposed Model. Abstract Crop Protection Conference 1996. NWFP Agric. Univ. Peshawar, Pakistan.

Articles published in popular press

Hakim, K., 2001. Chemotherapy and thermotherapy of tomato mosaic virus. Pakistan Science Bulletin, 1(1):158.

Research reports submitted to sponsors

1. Shabeer, A. and Hakim Khan, 2000. Final Technical Report on Pakistan Science Foundation Funded research project, “Management of Onion Downy Mildew under IPM in the NWFP". Dept. Pl. Pathol. NWFP Agri. Univ., Peshawar. Pp.97.
2. Shabeer, A. and Hakim Khan, 1999. Second Annual Report on Pakistan Science Foundation Funded research project, "Management of Onion Downy Mildew under IPM in the NWFP".Dept. Pl. Pathol. NWFP Agri. Univ., Peshawar. Pp.34.
3. Shabeer, A. and Hakim Khan, 1998. First Annual Report on Pakistan Science Foundation Funded research project, "Management of Onion Downy Mildew under IPM in the NWFP". Dept. Pl. Pathol. NWFP Agri. Univ., Peshawar. Pp.39.

4. Shabeer, A. and Hakim Khan, 1996. Final Technical Report on Pakistan Science Foundation unded research project, "Modelling Integrated Control for maize smuts in the NWFP". Dept. Pl. Pathol. NWFP Agri. Univ., Peshawar. Pp.103.
5. Shabeer, A. and Hakim Khan, 1995. Second Annual Report on Pakistan Science Foundation Funded research project, "Modelling Integrated Control for maize smuts in the NWFP". Dept. Pl. Pathol. NWFP Agri. Univ., Peshawar. Pp.140.
6. Shabeer, A. and Hakim Khan, 1994. First Annual Report on Pakistan Science Foundation Funded research project, "Modelling Integrated Control for maize smuts in the NWFP". Dept. Pl. Pathol. NWFP Agri. Univ., Peshawar. Pp.147.

Manuscripts submitted for publication

Ahmad, Z., Saifullah, F. Raziq and H. Khan, 2009. Chemical and biological control of Fusarium root rot of okra (submitted to Pakistan J. Botany for publication).

SELECTED PROFESSIONAL PRESENTATIONS (TRAININGS ATTENDED)

Attended the following trainings;

1. Training of Presiding Officers (December 17, 2007).
2. Staff Development Course (Feb. 26 to March 22, 2007).
3. Plant Bio-diversity and weed science (December 11-16, 2006).
4. Integrated pest management (23rd February to 25th February, 2005).
5. Office Automation Course (4th August to 29th August, 2003).
6. Conducting Crop Experiments and Experimental Techniques (January 14-19, 2003).
7. Designing Crop Experiments (January 6-12, 2003).
8. Mushroom Cultivation Course (April 24-25, 1998).
9. Social Organization Training (March 8-13, 1997).
10. National Cadet Corps (December, 1983 to March, 1985).