

CURRICULUM VITAE

Name: Imtiaz Ali Khan

Personal: Department of Entomology, KPK Agricultural University, Peshawar. Phone: 091-9221015, Fax: 091-9216520; E-mail: professorimtiazkhan@yahoo@gmail.com

Experience:

01.01.09-till date	Professor	KPK AUP
01.01.05-31.12.08	Assoc. Prof	KPK AUP
26.03.98-01.01.05	Asstt. Prof	KPK AUP
18.08.90-26.03.98	Lecturer	KPK AUP
01.02.89-18.08.90	Res. Officer	ARI, Tarnab

Awards:

1991 US-AID Scholarship for M.S. in USA.

1998 DAAD Sandwich-Scholarship for Ph.D. in Germany.

2006 Chinese Govt. Scholarship for Post-doc in China.

Distinction: First Position in M.Sc. (Hons.) in the Department of Entomology.

HEC Accredited Supervisor, since November 2006.

Membership:

1. Entomological Society of Pakistan
2. Crop Protection Society of Pakistan.
3. Executive General Secretary, Crop Protection Association of Pakistan, since April, 2008.
4. Member Board of Study, Department of Plant Pathology from 1994-1998.
5. External Examiner, Dept. of Entomology, Arid University Rawalpindi, since 2008.
6. External Examiner, Dept. of Zoology, Kohat University of S&T, since 2008.
7. Member Board of Study, Department of Plant Protection, since 2008.
8. Member Board of Study, Department of Zoology, KUST, since April 2009.
9. Member Board of Study Hazara University Mansehra, since May, 2010.

Graduate Students:

Year	Degree	Name
1990	M.Sc. (Hons)	M. Anwar Khan
1996	M.Sc. (Hons)	Aqeel Nawaz
1998	M.Sc. (Hons)	Fazal Maula
1998	M.Sc. (Hons)	Irfanullah Khan
2006	M.Sc. (Hons)	Shakeel Ahmad
2006	M.Sc. (Hons)	S. Ashfaq Ali Shah
2006	M.Sc. (Hons)	Sajjad Hussain
2007	M.Sc. (Hons)	Yousaf Ali
2010	M.Sc. (Hons)	Sana Ashfaq
2010	M.Sc. (Hons)	Kamran Sohail
2010	M.Sc. (Hons)	Muhammad Nawaz
2010	M.Sc. (Hons)	Safi Ullah
2011	M.Sc. (Hons)	Saad Jan

Service Activity:

1. Chairman Department of Entomology, from May 11.05.2007-10.5.2010.
3. Entomology Subject Expert/Referee for the Sarhad Journal of Agriculture.
4. QEC Focal Person for the Department of Entomology, KPK AUP, 2004-2006.
5. Chief Proctor, KPK Agric. Univ. Peshawar, 08.06.2010 – 05.05.2011.

Extra-Curricular Activities:

1. **Organizer, Cultural Society**, NWFP Agricultural University Peshawar. During the past 3 years, the society has conducted two Cultural Variety Show and two Mehfel-e-Naat Khwani programs.
2. **Chief Organizer, Farabi Science Club**, NWFP Agricultural University Peshawar. During the past three years, the club has organized two World Food Days and two Debate contests.
3. **Coordinator, HEC Sponsored Inter-provincial Exchange of Students Delegation**. During the past three years, I have entertained four student delegations from other provinces and led one from NWFP AUP to other universities.

4. **Executive Member**, NWFP Agricultural University Teaching Association (AUTA), session 2005 -2006.
5. **General Secretary**, NWFP Agricultural University Teaching Association (AUTA), session 2005 -2006.

Brief Statement of Research Interest:

IPM of insect and mite pests of fruit, vegetables and field crops especially focusing on biological control. Response of phytophagous insect and mites and their natural enemies to pesticides; behavioural interactions between natural enemies and their prey, and their mechanisms are the major areas of my future research. Restoration of the natural biodiversity of the agro-ecosystem; improvement of socio-political and ecological conditions of the farming community are other intended goals of the career.

Publications:

- Manzoor, F., M. Chaudhary, N. Sheikh, **I.A. Khan** and T. Khan. 2011. Diversity and proportion of termite species in Garden trees and wheat crop in District Bhakkar, Pakistan. Pakistan J. of Zool. 43(3): 537-541.
- Saljoqi, A.R., M.S. Rahimi, S. Rehman and **I.A. Khan**. 2010. Population density of cicada, *Tibicen spp.* (Homoptera, Cicadidae) in grape vineyards in northern plains of Afghanistan. Sarhad J. Agric. 26(1): 75-78.
- Manzoor, F. and **I.A. Khan**. 2010. Faunistic Investigation of *Daphnia* (Branchiopoda) from Southern Punjab, with description of previously unknown males from Pakistan. Sarhad J. Agric. 26(4): 599-607.

- Khan, I.A.** and F.-H. Wan. 2008. Life history of *Chrysopa pallens* with feeding on *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) Biotype B prey. Sarhad J. Agric. 24(4): 635-639.
- Khan, I.A.** and F.-H. Wan. 2008. Prey consumption by *Chrysopa pallens* of unparasitized and *Encarsia formosa* parasitized *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) Biotype B prey. Sarhad J. Agric. 24(4): 641-647.
- Khan, I.A.** and F.-H. Wan. 2008. Life table of *Propylea japonica* Thunberg (Coleoptera: Coccinellidae) with feeding on *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) Biotype B prey. Sarhad J. Agric. 24(2): 261-267.
- Iqbal, T., M. Inayatullah, A. Sadozai and **I.A. Khan**. 2008. Effect of Light and dark exposure on different life parameters of Silkworm *Bombyx mori* L. (Bombycidae: Lepidoptera). Sarhad J. Agric. 24(1): 75-77.
- S. Ahmad, **I.A. Khan**, Z. Hussain, S.I.A. Shah and M. Ahmad. 2007. Comparison of a biopesticide with some synthetic pesticides against aphids in rapeseed crop. Sarhad J. Agric. 23(4): 1117-1120.
- S.I.A. Shah, **I.A. Khan**, Z. Hussain, M. Shah, A. Usman and A. Sadozai. 2007. Studying the performance of silkworm, *Bombyx mori* L. races fed with different mulberry varieties. Sarhad J. Agric. 23(4): 1079-1083.
- S. Ahmad, **I.A. Khan**, Z. Hussain, S.I.A. Shah and M. Ahmad. 2007. Study of a biopesticide in comparison with some synthetic pesticides used against thrips in garlic crop. Sarhad J. Agric. 23(3): 719-722.
- S. Ahmad, **I.A. Khan**, Z. Hussain, S.I.A. Shah and M. Ahmad. 2007. Comparative study of a biopesticide with some synthetic pesticides used against mustard aphids (*Lipephhis erysimi* kalt). Sarhad J. Agric. 23(3): 729-732.
- S.I.A. Shah, **I.A. Khan**, Z. Hussain, M. Ahmad and S. Ahmad. 2007. Comparing the effectiveness of a biopesticide with three synthetic pesticides for aphid control in wheat. Sarhad J. Agric. 23(3): 723-728.
- S.I.A. Shah, **I.A. Khan**, I. Ahmad, M. Shah and Z. Hussain. 2007. Comparison of three silkworm races fed with three mulberry varieties. Sarhad J. Agric. 23(4): 1103-1108.
- S.I.A. Shah, **I.A. Khan**, Z. Hussain, S. Ahmad and M. Ahmad. 2007. The effect of three different mulberry varieties on performance of three different *Bombyx mori* L. races. Sarhad J. Agric. 23(4): 1085-1089.
- M. Ahmad, K. Nawab, U. Zaib and **I.A. Khan**. 2007. Role of women in vegetable production: a case study of four selected villages of district Abbottabad. Sarhad J. Agric. 23(4): 1173-1179.
- M. Ahmad, M. Akram, R. Rauf and **I.A. Khan**. 2007. Adoption of and constraints in use of high yielding varieties: a case study of four villages of district Peshawar and Charsadda. Sarhad J. Agric. 23(3): 803-806.

- M. Ahmad, R. Rauf, M. Akram, **I.A. Khan** and A. Ali. 2007. Adoption of farm machinery, fertilizer, and soil as well as plant protection measures. *Sarhad J. Agric.* 23(4): 1169-1172.
- M. Ahmad., M. Akram, R. Rauf, **I.A. Khan** and U. Pervaiz. 2007. Interaction of Extension Worker with farmers and role of Radio and TV as sources of information in technology transfer: A case study of four villages of district Peshawar and Charsaddah. *Sarhad J. Agric.* 23(2): 515-518.
- M. Ahmad, **I.A. Khan**, A.A. Shah, A. Khan and F. Manzoor. 2006. Effect of different grain:egg ratios on various life parameters of *Sitotroga cerealella* Oliv. (Lepidoptera, Gelechiidae). *Sarhad J. Agric.* 22(3): 485-489.
- Ashfaq, S., **I.A. Khan**, A.R. Saljoqi, F. Manzoor, K. Sohail and A. Sadozai. 2011. Population dynamics of insect pests and their natural enemies on okra. *Sarhad J. Agric.* (In Press).
- Ashfaq, S., **I.A. Khan**, A.R Saljoqi, F. Manzoor, K. Sohail and A. Sadozai. 2011. Population dynamics of insect pests of cotton and their natural enemies. *Sarhad J. Agric.* (In Press).
- Sohail, K., **I.A. Khan**, A.R. Saljoqi, F. Manzoor, S. Ashfaq and A. Sadozai. 2011. Insecticidal studies on *Heterotermis indicola* Wasmann (Isoptera: Rhinotermitidae) under laboratory conditions. *Sarhad J. Agric.* (In Press).
- Sohail, K., **I.A. Khan**, A.R. Saljoqi, F. Manzoor, S. Ashfaq and A. Sadozai. 2010. Tunneling behavior of *Heterotermis indicola* Wasmann (Isoptera: Rhinotermitidae) under insecticides treated conditions. *Sarhad J. Agric.* (In Press).
- Sohail, K., **I.A. Khan**, A.R. Saljoqi, F. Manzoor, S. Ashfaq and A. Sadozai. 2011. Repellency of *Heterotermis indicola* Wasmann (Isoptera: Rhinotermitidae) to insecticides. *Sarhad J. Agric.* (In Press).
- M. Nawaz, **I.A. Khan**, A.R. Saljoqi, F. Manzoor and A. Sadozai. 2011. Efficacy of insecticides against insect pests of maize crop and its influence on natural enemy. *Sarhad J. Agric.* (In Press).
- Ullah, S., **I.A. Khan**, A.R. Saljoqi, F. Manzoor and A. Sadozai. 2011. Insecticidal and varental control of *Aulacophora foveicollis* (Lucas) on pumpkin. *Sarhad J. Agric.* (In Press).
- Khan, I.A.** and F.-H. Wan. 2011. Life table of *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) biotype B on tomato and cotton host plants. Submitted for publication to the Pakistan Journal of Zoology. (In Press).
- Khan, I.A.** and F.-H. Wan. 2011. Prey consumption by *Coccinella septempunctata* L. (Coleoptera: Coccinellidae) of un-parasitized and *Encarsia formosa* Gahan (Hymenoptera: Aphelinidae) parasitized *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) Biotype B prey. Submitted to the J. Insect Science (China). (In Press).

Khan, I.A. and F.-H. Wan. 2011. Comparison of life tables of *Coccinella septempunctata* L. and *Harmonia axyridis* (Pallas) (Coleoptera: Coccinellidae) reared on *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) Biotype B prey. Submitted for publication to the Chinese Journal of Biological Control. (In Press).

Khan, I.A. and F.-H. Wan. 2011. Prey consumption by *Harmonia axyridis* (Pallas) (Coleoptera: Coccinellidae) of un-parasitized and *Encarsia formosa* parasitized *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) Biotype B prey. Submitted for publication to the Journal of Pest Science. (In Press).

Chu, D., G.X. Liu, Y.J. Zhang, F.H. Wan and **I.A. Khan**. 2011. Reporting distribution of secondary symbionts in invasive *Bemisia tabaci* (Hemiptera: Aleyrodidae) biotypes Q and B from Shandong Province of China. Submitted for publication to the Journal of Insect Science (China). (In Press).

RESEARCH GRANT AND CONTRACTS:

1. 2004-2006. Principal Investigator, "IPM of mite pests of fruit orchards in Peshawar, Charsadda and Mardan Districts of NWFP", HEC, worth of Rs.0.2 million, research project completed.
2. 2004-2006. Member Advisory committee PLI-AUP, "Project for Livelihood Improvement (PLI) South, D.I. Khan", Swiss-Pak Cooperation project, worth of multimillion rupees, research project completed.
3. 2006-2007. Principal Investigator. "Group function of predator and parasitoids against *Bemisia tabaci*", sponsored by the State Key Laboratory for Biology of Plant Diseases and Insect Pests, Institute of Plant Protection North Campus, Chinese Academy of agricultural Sciences, Beijing, China, worth of 25,000 Chinese Yuan, research project completed.
4. 2009-2011. Principal Investigator. "IPM of sugarcane insect pests in District Charsaddah", worth of Rs. 2.6 million, financed by the Higher Education Commission of Pakistan. In progress

SELECTED PROFESSIONAL PRESENTATIONS:

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| 1991 | Participated in Teacher's Improve-ment Workshop, Abbotabad, Pakistan. |
| 1991 | Participated in Mid-winter Comm- unity Seminars at Iowa, USA. |
| 1992 | Participated in Annual Conference of the Entomological Society of America in De Moines, Iowa, USA. |

- 1992 Participated in Microcomputer Skills Workshop at SIU-Carbondale, IL, USA.
- 1994 Participated in Training Course in Nuclear and other Advanced Techniques in Food and Agriculture at NIFA, Peshawar
- 2000 Presented a Poster at the “52nd German Plant Protection Day” in Weihenstephan, Germany.
- 2001 Presented a Poster at the “German Entomological Conference” in Belgium.
- 2002 Presented a Poster at the “53rd German Plant Protection Day” in Duesseldorf, Germany.
- 2003 Presented a Poster at the “German Entomol. Conf.” in Bonn, Germany.
- 2004 Safe Use of Pesticides, sponsored by Crop Life Pakistan – Safe Use Project, May 2004, Peshawar.
- 2004 Resource Person for IPM training for Afghans, Peshawar, 14.06-12.07, 2004, Sponsored by USAID-UIUC, Peshawar.
- 2004 Participated in IPM Workshop at Peshawar, February 23-25, 2005.
- 2005 Preliminary Curriculum Revision Meeting in Entomology at HEC Centre Karachi, August 25-27, 2005.
- 2005 Final National Curriculum Revision Meeting in Entomology at Karachi, July 14-16, 2005.
- 2005 Participated in International Seminar on Trends and Prospects of Higher Education in Pakistan at Baraghali, Aug 16-23, 2005.
- 2005 Annual Meeting NWFP AUP – Inter Cooperation (IC)–Project for Livelihood Improvement D.I. Khan, June 25-28, 2005.
- 2007 Member Selection Committee, Provincial Public Service Commission, June 6-20, 2007.
- 2007 Member, Selection Board for Lecturership, NWFP Agric. Univ. Peshawar, June 8, 2007.
- 2007 Participated in 8th Conference of Entomological Society of China held in Hebi, Hinan province, PR China, Oct. 11-13, 2007.

- 2007 Participated in the Golden Jubilee Anniversary of Institute of Plant Protection, CAAS, Beijing, PR China, 26.10.2007.
- 2008 Participated in Second National Training Workshop on IPM of Parasitic Mites and Diseases of Honeybees for sustainable Beekeeping from April 15-18, 2008 at NARC, Islamabad.
- 2008 Member Selection Committee, Provincial Public Service Commission, August, 2008.
- 2008 Member Selection Committee, Federal Public Service Commission, August, 2008.
- 2008 Participated in one day meeting on October 22nd, 2008 in Islamabad organized by PMNH.
- 2009 Member Selection Committee, Provincial Public Service Commission, April 15-22, 2009.
- 2009 Participated in Entomology Preliminary Curriculum Revision Committee Meeting, Dec. 21-23, 2009 at HEC Center, Lahore
- 2010 Participated in Plant Protection Preliminary Curriculum Revision Committee Meeting, Jan. 4-6, 2010 at HEC Center, Karachi
- 2010 Participated in Entomology Final Curriculum Revision Committee Meeting, March 21-23, 2010 at HEC Center, Lahore
- 2010 Participated in Plant Protection Final Curriculum Revision Committee Meeting, May 12-15, 2010 at HEC Center, Karachi
- 2010 Participated in National Seminar on Technological Interventions for Food and Environ. Security, June 28-July 2, 2010 at Bara Gali, Abbotabad.
- 2010 Participated in International Symposium on Institutional Linkages for Agricultural development in Pakistan, from Dec. 21-22, 2010 at KPK AUP.