

## CURRICULUM VITAE

Name Muhammad Iqbal  
Date of Birth January 1, 1956  
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### Education

Year	Degree	Field of Specialization	Institution
1991	Ph.D.	Agricultural Economics	The Ohio State University, Columbus, Ohio, USA
1989	M. S.	Agricultural Economics	The Ohio State University, Columbus, Ohio, USA
1979	M. Sc.	Economics	Quaid-i-Azam University, Islamabad, Pakistan
1975	B.A.	Economics, Sociology	Govt. College Sahiwal, (Punjab University)
1973	F.Sc.	Pre-Medical	Govt. College Sahiwal, (Multan Board)
1971	Matric.	Science group	Govt. High School, Chak No. 45/12-L, Chichawatni, District Sahiwal, Pakistan

### Employment Record

Position	Period	Institution/Organization
Research Economist Economics, Islamabad	September, 2001 to date	Pakistan Institute of Development

Deputy Director (SSD) <b>Council, Islamabad</b>	Aug., 2000 to Aug., 2001	Pakistan Agricultural Research
SSO/Project Incharge	Sept., 1997 to Aug., 2000	AERU (PARC), AARI, Faisalabad
SSO	Dec., 1994 to Sept., 1997	AERU (PARC), AARI, Faisalabad
SSO/Project Incharge	Dec. 1993 to Dec., 1994	AERU (PARC), ARI, Tarnab, Peshawar.
SO/Project Incharge	Feb., 1992 to Dec., 1993	AERU (PARC), ARI, Tarnab, Peshawar.
SO <b>Council, Islamabad</b> Ph.D Fellow and Graduate	Nov., 1991 to Feb., 1992	Pakistan Agricultural Research
Research Assistant	Sept., 1986 to Nov., 1991	FAO Fellow and GRA The Ohio State University, Columbus, Ohio, USA
SO	Nov. 1981 to Sept., 1986	Pakistan Agricultural Research Council, Islamabad

#### Awards and Honors

- Merit scholarship during Matric
- Merit scholarship during F. Sc.
- Merit scholarship during M. Sc.
- FAO fellowship during Ph. D.
- Graduate Research Assistant,  
Dept. of Agricultural Economics and Rural Sociology,  
The Ohio State University, USA.

#### Computer Skills

Possess user level skills in the following computer software

- SPSS
- SAS
- Power Point
- Microsoft Word
- LIMDEP
- WP5.1
- EXCEL
- EViews
- Lotus 123

#### Membership of Professional Societies

- Member of the Pakistan Society of Development Economists
- Member of the Pakistan Association of Agricultural Social Scientists,
- Member of Friends Forum, University of Agriculture Faisalabad

## **Teaching Experience**

- Agricultural and Resource Development (at QAU)
- Introduction to Econometrics (at QAU)

## **Courses Taught**

- Agricultural Policy (at PIDE)
- Mathematics for Economists (at PIDE)

## **Trainings Imparted**

- Resource person for the training course on Pakistan Economy held at National Institute of Banking and Finance (NIBAF), Islamabad (September-October 2002).
- Resource person for the introductory workshop on Mathematical Modeling and its Application to Development Issues organized by Global Change Impact Studies Centre, COMSATS and PIEAS (October-November 2002).
- Resource person for the workshop held at Allama Iqbal Open University, Islamabad for M Sc Forestry Extension (Spring 2001).
- Resource person for the International Course on Socio-Economic and Agricultural Water Use Surveys and Computer Application Training held at NARC, Islamabad (January-February 2001).
- Resource person for Training on Project Planning, Appraisal and Implementation held at PIDE (August-September 2002).
- Resource person for Training of Yemenis Professional in Data Analysis for Socio-Economic and Agriculture Water Use Surveys held at Social Sciences Institute, NARC (September-October 2002).

## **Publications**

### **Papers**

1. *“Economic Evaluation of Pesticide use Externalities in the Cotton Zone of Punjab, Pakistan”*. M. Azeem Khan, Muhammad Iqbal, Manzoor H. Soomro and Iftikhar Ahmad. Paper presented at the Eighteenth Annual General Meeting and Conference of The Pakistan Society of Development Economist (January 13-15, 2003).
2. *“Wheat Productivity, Efficiency and Sustainability: A Stochastic Production Frontier Analysis”*. Munir Ahmad, Ghulam Mustafa Chaudhry and Muhammad Iqbal. Paper presented at the Eighteenth Annual General Meeting and Conference of The Pakistan Society of Development Economist (January 13-15, 2003).
3. *“Adoption of Recommended Varieties: A Farm Level Analysis of Wheat Growers in Irrigated Punjab”*. Muhammad Iqbal, M. Azeem Khan and Munir Ahmad. Forthcoming in The Pakistan Development Review, Vol. 41, No. 1, 2002. pp 29-48.
4. *“Determinants of Higher Wheat Productivity in Irrigated Pakistan”*. Muhammad Iqbal, M. Azeem Khan and Munir Ahmad. The Pakistan Development Review, Vol. 40, No. 4, 2001. pp 753-766.
5. *“The Supply Response of Basmati Rice Growers in Punjab, Pakistan: Price and Non-Price Determinants”*. Umar Farooq, Trevor Yong, Noel Russell and Muhammad Iqbal. Journal of International Development, 13, 2001. pp 227-237.
6. *“Attaining and Maintaining Self Sufficiency in Wheat Production: Institutional Efforts and Farmers Limitations”*. Umar Farooq and Muhammad Iqbal. The Pakistan Development Review. Vol. 39, No. 4, winter 2000. pp 487-514.
7. *“Allocation of Household Labour Time in the Rice-Wheat Cropping System of Punjab, Pakistan”*. Umar Farooq, Trevor Yong, Noel Russell and Muhammad Iqbal. The Journal of Rural Development, Vol. 29, No. 2, July 1999. BARD, Comilla, Bangladesh PP. 1-23.

8. “*An Investigation into the Farm Households Consumption Patterns in Punjab, Pakistan*”. Umar Farooq, Trevor Yong and Muhammad Iqbal. The Pakistan Development Review. Vol. 38, No. 3, autumn 1999. pp 293-305.
9. “*Factors Affecting Adoption of Hybrid Maize Varieties in the Irrigated Punjab*”. The International Journal of Agriculture and Biology, Vol. 1 No. 3, July 1999. Muhammad Iqbal, Arshed Bashir and Umar Farooq. pp 149-151.
10. “*Cost and Revenue Statistics of Paddy Production: Farmers’ Perspective*”. International Journal of Agriculture and Biology, Vol. 1 No. 1&2, January-April, 1999. Umar Farooq, Muhammad Iqbal and Arshed Bashir. pp 13-18.
11. “*Farmers Use, Knowledge and Perceptions about Wheat Varieties in the Mardan District*”. Journal of Rural Development and Administration, Vol. XXV, No. 3, summer, 1993. Shaukat Hayat, Nawab Khan, M. Iqbal and Jahan Zab. pp 122-129.
12. “*An Analysis of the Financial Characteristics and Requirements of Rice-Wheat Farming Systems of Punjab: A Case Study*”. Journal of Rural Development and Administration, Vol. XXV No. 1, winter, 1993. Shahid Zia and Muhammad Iqbal. pp 104-117.

#### **Proceedings/Papers**

1. “*Labour Employment and Income Generation in Maize Production, Marketing and Processing in Pakistan*”. Proceedings of a Workshop on Marketing and Processing of Food Legumes and Coarse Grains: Effects on Rural Employment in Asia. Held in Serdang, Malaysia May 24-27, 1993. M. Manzoor Ali, Muhammad Iqbal, M. Sharif, A. H. Qureshi, M. Shafiq and Umar Farooq. pp 143-162.
2. “*Unachieved Productivity Potential: Some Results of Yield Constraints Research in Pakistan*”. A Paper presented at the National Seminar on Optimizing Crop Production through Management of Soil Resources, Organized by NFDC-PAD&SC at Lahore, May 12-13, 1984. M. Manzoor Ali and Muhammad Iqbal.
3. “*Constraints of Agricultural Production in NWFP*”. Paper presented at the SAARC Training Programme on Techniques to Identify Constraints of Agricultural Production, held at NARC, Islamabad, May 29-31, 1994. Muhammad Iqbal, M. Sharif and Samina Parveen.
4. “*Production and Consumption Patterns of Major CGPRT Crops in Upland Areas of Pakistan*”. Proceeding of the Regional Seminar on Changes in Food Consumption in Asia: Effects on Production and Use of Upland Crops. Held in Kandy, Sri Lanka, October 6-9, 1992. CGPRT No. 28. M. Manzoor Ali, S. M. Zia, A. H. Qureshi and Muhammad Iqbal.

#### **Research Reports**

1. *The Farming Systems of the Jambil and Saidu Valleys in Sawat*. PATA Publication No. 93, March 1993.
2. *A Baseline Survey for the Development of Livestock Sector in Cholistan*. Collaborated Research Report of Pakistan Agricultural Research Council, Pak-German Technical Cooperation (GTZ) and Livestock and Dairy Development Department, Lahore. 2000.
3. *Fertilizer Availability: Results from a Survey in NWFP*. AERU, Staff Working Paper 1994. Agricultural Economics Research Unit, ARI, Tarnab, Peshawar.

