

➤ **Academic**

- Professor: 9 years
- Associate Professor: 4 years
- Assistant Professor: 3 years
- Lecturer: 11 years

➤ **Administrative**

- Principal: 4 years
- Director: 4 years
- Coordinator
Operation Research Centre 8 years
- Coordinator
Centre for Actuarial Sciences 6 years
- Chairman, PU. Guest House: 3 years
- Director, P.U., P&D: 1 year
- Chairman
PU Project Working Group 3 years
- Chairman
PU Rationalization Committee: 3 years
- Member
PU Finance & Planning Committee: 3 years
- Convenor
Board of Studies in Statistics: 8 years
- Member
Board of Studies in Statistics: 18 years

➤ Academic Achievements

- ❖ Launches the M.Phil leading towards Ph.D degree program in the subject of Statistics
- ❖ Established an Operation Research Centre at University of the Punjab and launched 2 years a degree program “Master of Information and Operation Research”
- ❖ Established a Centre for Actuarial Science at University of the Punjab and launched 2 years a degree program “M.Sc. Actuarial Sciences”
- ❖ Launched a new degree program of “M.Sc. Biostatistics”
- ❖ Launched a new degree program of “Master Business Statistics and Management ”
- ❖ Established a “Statistical Data Bank” at University of the Punjab
- ❖ Established a “Statistical Consultancy Centre” at University of the Punjab
- ❖ Successfully organized ‘First International Conference on Statistics and Operations Research 2006’ which was presided by the then Governor Punjab.
- ❖ Successfully organized ‘International Conference on Statistical Data Produced and Applications of Statistics’ (year 2007) in collaboration with HEC which was presided by the then Governor Punjab.
- ❖ Successfully organized 3rd International Conference on “Statistical Sciences” in collaboration with HEC in November 2010.
- ❖ Successfully organized Seminar on “Statistics Produced by the State Bank of Pakistan” conducted by State Bank of Pakistan in consultation and collaboration with College of Statistical and Actuarial Sciences in Punjab University on May 5, 2008.
- ❖ Launched first statistical journal of Punjab University ‘Pakistan Journal of Statistical and Operation Research’ in the year 2005. Since then after every six months, quality research papers are being published .

➤ Affiliations

- ✚ Member, Academic Staff Association, University of the Punjab, Lahore
- ✚ Convenor, Board of Studies, University of the Punjab, Lahore
- ✚ Member, Board of Studies (Statistics), Quaid-e-Azam University, Islamabad
- ✚ Member, Board of Studies (Statistics), University of Peshawar, Peshawar
- ✚ Member, Board of Studies (Statistics), Lahore College for Women, Lahore
- ✚ Ex-Chairman, Punjab University Executive Club, Lahore
- ✚ Ex-Chairman, Punjab University 'Project Working Group', Lahore
- ✚ Member, Punjab University 'Finance and Planning Committee', Lahore

➤ Books

S#	Name of Book	Author's Name	Publishing Company
1.	Introduction to Statistical Theory (Part-I) (<i>Text book for Degree and Post –Graduate Students</i>)	Sher Muhammad Chaudhry & Dr. Shahid Kamal	Illmi Kitab Khana, Urdu Bazar, Lahore
2.	Introduction to Statistical Theory (Part-II) (<i>Text book for Degree and Post – Graduate Students</i>)	Sher Muhammad Chaudhry & Dr. Shahid Kamal	Illmi Kitab Khana, Urdu Bazar, Lahore

➤ Professional Productivity

Research Publications: 36 (List attached)

Published in different national and international journals

➤ Distinctions

- ❖ Merit Scholarship in Intermediate
- ❖ Merit Scholarship in B.Sc.
- ❖ Gold Medal in M.Sc.
- ❖ Exeter University Scholarship, U.K.
- ❖ Overseas Research Scholarship (ORS)

➤ Interests

- Table Tennis
- Hockey
- Cricket
- Tennis
- Squash
- Badminton

➤ Personal

- ✓ Address: Office: Principal
College of Statistical and
Actuarial Sciences
University of the Punjab
Q.A. Campus, Lahore
- ✓ Father Name: Prof. Sher Muhammad Ch.
- ✓ Date of Birth: February 15, 1959
- ✓ CNIC: 35202-6733056-1
- ✓ Telephone Nos: 042-99231274 (office)
0314-4003322 (cell)

➤ References

1. **Mr. Clive. J. Lawrence**
Senior Lecturer
MSOR Department
University of Exeter
Exeter EX4 4PU, U.K.
0392-264468
2. **Dr. Aziz Ullah Khattak**
Director Statistics
State Bank of Pakistan
DHW Department
Karachi

Prof. Dr. Shahid Kamal

Principal

College of Statistical and Actuarial Sciences
University of the Punjab, Lahore

Research Productivity

Publications:

Published in Foreign Journal of International Repute: 07

S.#	Name of Author	Complete Name of Journal and Address	Title of the Publication	Vol. No. & Page No.	Year Published	Impact Factor
1	Dr. Shahid Kamal	Annals of Human Biology	Risk factors for breast cancer in Pakistani women aged less than 45 years	Vol.31, No.4, 398-407	July-August 2004	0.991
2	Dr. Shahid Kamal	YKpaihbkuu, Ophimoaoviuhuu, Kyphji, Ukrainian Ornithological Journal	Morphometric Variation of Houbara Bustard	Tom 12, Bnhyck 1-2, pp 161-165	2003	
3	Dr. Shahid Kamal	Statistics in Medicine U.K.	Mixture Distributions and the construction of reference ranges for Biochemical parameters	Submitted		
4	Dr. Shahid Kamal	Proceedings of Journal of American Statistical Association (JASA), USA	Risk Factors Associated with injection initiation among drug users: Comparing Hierarchical Modeling with Traditional logistic regression	Published in the proceeding of JASA	2008	
5	Dr. Shahid Kamal	Proceedings of Journal of American Statistical Association (JASA), USA	Leadership Behavior: A Comparative Study of Multiple Regression and the Multilevel Regression	Published in the proceeding of JASA	2009	

6	Dr. Shahid Kamal	Proceedings of Journal of American Statistical Association (JASA), USA	An Assessment of Quality of Life Among Breast Cancer Survivors in Punjab Using Ordinal Regression	Published in the proceeding of JASA	2010	
7	Dr. Shahid Kamal	World Applied Sciences Journal	Modeling and Volatility Analysis of Share Prices Using ARCH and GARCH Models	Vol.19 No.1 77-82	2012	

Published in Journal of International Repute: 25

S.#	Name of Author	Name of Journal	Categorized by HEC as W/X/Y/Z**	Vol. No.	Title of the Publication	Year Published
1.	Dr. Shahid Kamal	Science Series Data Report	Vol.4: No.10	2012	Random Intercept and Random Slope multivariate Multilevel Models.	2012
2.	Dr. Shahid Kamal	Pakistan Journal of Statistics and Operation Research (PJSOR)	Vol.8: No.4 pp 777-788	2012	Random Intercept and Random Slope Multilevel Models.	2012
3.	Dr. Shahid Kamal	World Applied Sciences Journal	Vol.19: No.1 pp 77-82	2012	Modeling and Volatility Analysis of Share Prices using ARCH and GARCH models.	2012
4.	Dr. Shahid Kamal	Middle East Journal of Scientific Research (ISI Indexed Journal)		Vol.6: No.2 pp198-200	Estimation of Population Mean in Two-Phase Sampling	2010
5.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol.4: No.1 pp 9-17	Manova with summary statistics: a STATA program	2008
6.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol.3, No.1, pp 31-34	Predictive strength of classical risk factors of coronary artery disease among pre-menopausal female in Punjab	July 2007
7.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol.2, No.2, pp -114	A Comparative Study of Portmanteau Tests for Univariate Time Series Models	July 2006
8.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol.2, No.1, pp 17-26	Risk factors for breast cancer among women in Punjab, Pakistan – Results from a case-control study.	July 2006

S.#	Name of Author	Name of Journal	Categorized by HEC as W/X/Y/Z**	Vol. No.	Title of the Publication	Year Published
9.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol.2, No.1, pp 57-62	ANOVA with Summary Statistics: A STATA Macro	July 2006
10.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol. 1: pp 23-26	A logistic regression model of coronary artery disease among male patients in Punjab	July 2005
11.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z	Vol.1: pp 7-14	Application and Analysis of a cross-over design in a medical problem	July 2005
12.	Dr. Shahid Kamal	Pakistan Journal of Medical Association	Y	Vol.53: No.10	A Differential Study of Breast Cancer Patients in Punjab, Pakistan	October (2003)
13.	Dr. Shahid Kamal	Pakistan Journal of Statistics	X	Vol. 13(1) pp 43-53	Differential Head size of newborn related to socio-economic status in Pakistan	1997
14.	Dr. Shahid Kamal	Pakistan Journal of Statistics	X	Vol. 13(1) pp 55-67	Relationship between Birth weight Diarrhocal Diseases and Weather conditions, using Time series (Spectral Analysis)	1997
15.	Dr. Shahid Kamal	PJSOR, P.U., Lahore	Z		A look into data on Pediatric Cancer Patients with acute Lymphoblastic Leukemia registered at SKMCH, Pakistan	Accepted for publication
16.	Dr. Shahid Kamal	Karachi University Journal of Science	---	Vol.24(2) pp 85-88	The effect of truncation on precision and accuracy in the maximum likelihood estimation on parameters of normal population from single truncated samples	1996
17.	Dr. Shahid Kamal	Journal of Scientific Research, Punjab University	---		Loss of Amount of Information from the Truncated/Censored Rayleigh Distribution	Accepted for Publication
18.	Dr. Shahid Kamal	Scientific Sindh Shah Abdul Latif Univ. Khairpur	---	Vol.5, pp 109 – 114	Estimation of the scale parameter of the censored Raleigh distribution	1998
19.	Dr. Shahid Kamal	Scientific Sindh Shah Abdul Latif Univ. Khairpur	---	Vol.5, pp 121 – 126	Properties of the moments of some special functions of order Statistics	1998
20.	Dr. Shahid Kamal	Scientific Sindh Shah Abdul Latif Univ. Khairpur	---	Vol.5, pp 115 – 120	Properties of the Raleigh Distribution (Comparison of conventional moments with L-moments)	1998
21.	Dr. Shahid Kamal	Sindh University Research Journal	---		Asymptotic properties of Polynomial Coefficients Estimates	Accepted for publication
22.	Dr. Shahid Kamal	Journal of Scientific Research	---	Vol.50 (1-2) pp 5-10	Birth weight distributions in Pakistan	1998

S.#	Name of Author	Name of Journal	Categorized by HEC as W/X/Y/Z**	Vol. No.	Title of the Publication	Year Published
23.	Dr. Shahid Kamal	Journal of Res. (Science) B.Z. University	---	Vol.10, No.1&2 pp 39-44	Mixture Distributions and their applications in two medical problems	1999
24.	Dr. Shahid Kamal	Journal of Scientific Research, Punjab University	---	No.1&2, pp 75-82	Approximate cubic coefficient estimates of the two parameters Raleigh Distribution	1998
25.	Dr. Shahid Kamal	Journal of Scientific Research, Punjab University	---	Vol.1&2 pp 13-16	Moments of the distribution of the ratio of two independent Rayleigh Varieties	1997
26.	Dr. Shahid Kamal	Proceedings of 'The First International Conference on Statistics and Operations Research – 2006'	---		A Comparative Study of Portmanteau Tests for Univariate Time Series Models	Published (2006)
27.	Dr. Shahid Kamal	Proceedings of 'The First International Conference on Statistics and Operations Research – 2006'	---		Multivariate Statistical Analysis In Modelling The Job Satisfaction Data	Published (2006)
28.	Dr. Shahid Kamal	Proceedings of 'The First International Conference on Statistics and Operations Research – 2006'	---		Transformation of Random Variables. A Comparison of Exterior Product Method with the usual Determinant Method for Computing Jacobian of Transformation	Published (2006)
29.	Dr. Shahid Kamal	Proceedings of 3 rd International Conference on Statistical Sciences– 2010'			Ridge Regression Model for Near Collinear Factors of Infant Mortality Rate in Punjab Province of Pakistan: Evidence From Multiple Indicator Cluster Survey 2003-04	Published (2010)
30.	Dr. Shahid Kamal	Proceedings of 3 rd International Conference on Statistical Sciences– 2010'			A Comparative Study of Similarities & Differences Among ANOVA & ANCOVA on Agricultural Data-Set	Published (2010)
31.	Dr. Shahid Kamal	Proceedings of 3 rd International Conference on Statistical Sciences– 2010'			Multivariate Order Statistics for Parametric Distributions	Published (2010)
32.	Dr. Shahid Kamal	Proceedings of 3 rd International			Comparison between different Main approaches of	Published (2010)

S.#	Name of Author	Name of Journal	Categorized by HEC as W/X/Y/Z**	Vol. No.	Title of the Publication	Year Published
		Conference on Statistical Sciences– 2010'			Penalized Spline Smoothing	
33.	Dr. Shahid Kamal	Proceedings of 3 rd International Conference on Statistical Sciences– 2010'			Principal Component and Common Factor Loadings: A Comparison	Published (2010)

Research Supervision:

PhD

S. #	Title of Thesis	Name of Student	State of thesis
1	Some statistical aspects of the epidemiology of breast cancer in Punjab, Pakistan.	Ms. Ghausia Masood Gilani	Completed in Jan. 2004
2	Development of a prognostic model for Risk Stratification of pediatric patients with A.L.L. a multivariate statistical approach.	Mr. Khawar Saeed Siddiqui	At Final Stages
3	Multilevel modeling and its applications	Rehan Ahmad Khan	In Progress
4	Sampling with unequal probability without replacement.	Nadeem Shafique Butt	In progress
5	Non-Linear Regression After Spline Transformation (HEC Scholarship holder)	Saira Sharif	In progress

M.Phil

S. #	Name of Scholar	Status
1	Aisha Sikander	Completed
2	Muhammad Ali Raza	Completed
3	Maryam Ilyas	Completed
4	Sumbal Tariq	Completed
5	Rabia Riaz	Completed

Supervision of M.A. / M.Sc. thesis

Sr#	Name of Student	Title	Session
1.	Khadija Sharif	A study on the attitude of youth towards love and arranged marriages.	2005-07
2.	Summaira Manzoor	A study on the female's approach towards higher education in PU.	2005-07
3.	Muhammad Qasim	Availability of Health services & assessment of patient satisfaction in civil Hospital Jaranwalla.	2005-07
4.	Summaira Fareed	A statistical study about why students fail to apply their knowledge in practical fields.	2005-07
5.	Nida Aslam	A statistical study on the assessment of in-patients in Lahore General Hospital, Lahore	2005-07
6.	Nargis Batool	Attitude of the working & nonworking married women towards their families in Mangla	2005-07
7.	Irum Shehzadi	A statistical study about the utility of Mobile Phone.	2005-07
8.	Nida Iftikhar	A statistical study on the trend of wearing Hijab in our society.	2005-07
9.	Robia Aslam	A statistical study on the role of Dresses, shoes, Jewelry & cosmetic in Personality Development.	2005-07
10.	Sana Awan	A statistical study on "Impact of Modern Media on people of our society."	2005-07
11.	Neelam Asif	A statistical study of attitude of people towards joint family system.	2005-07
12.	Sonia Kiran	A statistical study on living status of people living in "Walton" Lahore.	2005-07

13.	Irum Zahra	A statistical study on trend of Jewellery among girls.	2005-07
14.	Wajiha Azhar	perception of women regarding "successful marriage"	2005-07
15.	Bushra Fiaz	Evaluation the Prevalence of Diabetic Footvclcers in Diabetic Patients	2005-07
16.	Parveen Akhter	Statistical analysis of Cutaneous Manifestation in Patients with HCV+ Serology	2005-07
17.	Humaira Mushtaque	Comparative study of various television channels	2003 – 2005
18.	Mehreen Badar Butt	Comparative study of different drinks among Pakistani Youth	2003 – 2005
19.	Farrukh Jawad Alvi	Use of Credit Cards	2003 – 2005
20.	Ayesha Sikander	New Emerging Festivals of Pakistan	2001-2003
21.	M. Talha Naseem Uppal	A study of the prospectus of I.T. education in Lahore.	1998-2000
22.	Atufat Iqbal	Islam and New Generation.	1998-2000
23.	Aisha Haroon	Attitude of People Towards Caste-System.	1997-99
24.	Syeda Naveed e Sehar	Awareness of the people about environmental pollution.	1997-99
25.	Mudassar Imran Babar	College Teachers Opinion About Student Union.	1996
26.	Muhammad Ilyas	Impact of television dish on style of living.	1996
27.	M. Amjad Iqbal	The University of the Punjab (New Campus) Student's. Opinion about the Present Examination System and Student's Academic Achievement.	1994-96
28.	Tassuddaq Hussain	Child Labour in Gujranwala.	1994-96
29.	Ch. M. Haroon Taj	Child Labour in Lahore.	1994-96
30.	Mazhar Majeed	Awareness of the people about environmental pollution.	1994-96