

**PERSONAL INFORMATION****Asifa Kamal**

Gender: Female | DOB: 16/04/1975 | Nationality: Pakistani | Marital Status: Unmarried  
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**WORK EXPERIENCE**

- Assistant Professor of Statistics LCWU, Lahore 23, January, 2009 till to date.
- Lecturer Statistics HED Punjab 26, February, 1999 to 23, January, 2009.

**EDUCATION**

<b>Qualification</b>	<b>Institution</b>	<b>Year</b>
Post Doc	University of Southampton, UK	2017-18
Ph.D. (Statistics)	GCU, Lahore	2012
M.Phil (Statistics)	GC University, Lahore	2006
M.Sc. (Statistics)	Punjab, Lahore	1997
B.A.	Lahore College for Women, Lahore	1994
F.A.	Lahore College for Women, Lahore	1992
Matric	Govt Model Girls High School Model Town Lahore	1990

**AREAS OF INTEREST**

Sampling Techniques, Multivariate Analysis, Regression Analysis, Survival Analysis,  
 Population Studies

**COMPUTER SKILLS**

MS OFFICE, SPSS, STATISTICA, MINITAB, MATHEMATICA, STATA, R

**SCHOLARSHIPS/OTHERS**

1. Indigenous PhD Scholarship from Higher Education Commission of Pakistan.
2. Post-Doctoral Fellowship award at University of Southampton, UK by Punjab Higher Education Commission of Pakistan.
3. Currently selected for a visit to Hacettepe University, Ankara, Turkey under Mevlana Faculty Exchange Program 2019-2020.
4. Grant from USAID to attend workshop of LISA 2020.

**PUBLICATIONS**

1. Kamal, A. and Shahbaz. Q. (2008). New difference estimator in two-phase sampling using arbitrary probabilities, *Journal of Statistics*, 15, 7-16.
2. Kamal, A., Shahbaz. Q and Hanif, M. (2009). Modified regression type estimator in two phase sampling using arbitrary probabilities, *Pakistan Journal of Statistics*, 25(2), 141-147.
3. Kamal, Asma., Qaisera, S. Kamal, Asifa and Nazeer, A. (2008). Assessment of awareness regarding diabetic retinopathy among patients visiting diabetic clinic, Sir Ganga Ram Hospital, Lahore”, *Esculapio*, 3 (4), 6-9.
4. Kamal, Asma., Qaisera, S., and Nazeer, A. Kamal, Asifa (2008). Stages of diabetic retinopathy and its relationship with blood sugar level and duration of diabetes mellitus, Lahore”, *Esculapio*, 4 (1), 12-16.
5. Kamal, A. and Pervaiz, M. K. (2011). Factors affecting the family size in Pakistan: Cloglog Regression Model Analysis, *Journal of Statistics*, 18, 29-53.
6. Kamal, A. and Pervaiz, M. K. (2012). Determinants of higher order birth intervals in Pakistan, *Journal of Statistics*, 19, 54-82.
7. Kamal, A. and Pervaiz, M. K. (2013). Determinants of marriage to first birth interval in Pakistan, *Journal of Statistics*, 20, 44-68.
8. Kamal, Asma, Riaz, A, Kamal, Asifa and Sheikh, F. (2012). Association of raised gamma glutamyl transferase (GGT) levels in patients with acute coronary syndrome and their hospital Outcome, *Pakistan Journal of Medical and Health Sciences*, 6 (1), 208-211.
9. Asma Kamal, Hameed, M., Asifa Kamal, Naseem, K. (2012). Assessment of Risk Factors in Patients Presenting with Gastritis at Services Hospital Lahore. *Pakistan Journal of Medical and Health Sciences*, 6 (2), 370-371.
10. Waqar, F. and Kamal, A. (2013). Socioeconomic and demographic factors affecting intended number of boys in a Family: A case study based on Pakistani women, *The Pakistan Journal of Social Issues*, 4, 44-53.
11. Javed, S. and Kamal, A. (2014). Job satisfaction factors of PTCL employees, *International Journal of Applied Research*, 3, 166-174.
12. Kamal, A., Khan, A. and Nauman, U. (2015). Effect of socioeconomic and demographic factors on prevalence of consanguineous marriages in Pakistan. *Journal of Statistics*, 22, 317-334.
13. Ahmed, Z., Asifa Kamal, Asma Kamal (2016). Determinants of child mortality in Pakistan: Cox Proportional Hazard Model Analysis for PDHS (2006-07) and PDHS (2012-13), *Pak Pediatr J*, 40(1), 47-53.
14. Ahmed, Z. Asifa Kamal, Asma Kamal (2016). Statistical analysis of factors affecting child mortality in Pakistan, *Journal of the College of Physicians and Surgeons Pakistan*, 26 (6), 543-544.
15. Basharat, J., Kamal, A., Manzoor, I. and Nauman, U. (2016). Socio-Demographic differentials for utilization of antenatal health care among Pakistani Women: A Negative Binomial-Logit Hurdle (HNBLOGIT) Regression Model Approach (1990-2013), *Pak Pediatr J*, 40(4), 242-53.
16. Asifa Kamal, Saher, H. and Asma Kamal (2016). Factors affecting low birth weight in Pakistan, *Journal of the College of Physicians and Surgeons Pakistan*, 26 (12), 1001-1002.
17. Inayat, I. and Kamal, A. (2017). Factors Affecting Young Female Consumer’s Behavior towards Branded Apparels in Lahore, *Journal of ISOSS*, 3(2), 253-260.

18. Saher, H., Kamal, A. and Nauman, U. (2017). Analysis of factors affecting weight of child at birth in Pakistan: Multiple Imputation of Missing Data, *Journal of Statistics*, 24, 2017. pp. 75-91.
19. Kamal, A., Waqar, F. and Muazzam, A. (2018). Attitudinal determinants of son preference for Pakistani women based on PDHS (2012-13): A Poisson Regression Model Approach, *JASS*, Vol.5 (2), 13-27.
20. Currently three papers are under review.

### **CONFERENCES PRESENTATIONS/PUBLICATIONS IN PROCEEDINGS**

1. Kamal, A. and Shahbaz. Q. (2007). Regression Estimator in Two-Phase Sampling. Paper presented on International Conference on Statistical Sciences with special reference to the Survival Data Analysis held at GCU, Lahore on 7-8 Nov. 2007.
2. Ashraf, S. and Kamal, A. (2011). Factor Analysis of Teacher's Intervention Strategies for Solving Student's Behavior and Learning Problems (A Cross-Sectional Case Study Based on the Teachers of Girls Schools of Ravi Town, Lahore), Paper published in the proceedings of 11<sup>th</sup> ICCSS held at UMT Lahore, 19-22 December, 2011, Vol. 21. 707-715.
3. Ahmad, Z. and Kamal, A. (2015). Analysis of the Effect of Socio-economic and Demographic Factors on Child Mortality in Pakistan, paper presented at First Annual Conference of Mathematics and Statistical Sciences on Mathematical and Statistical Models in Economics, Finance and Applied Science: Analysis and Methods, 6-7 Feb., 2015.
4. Inayat, I. Kamal, A. (2016). Factors Affecting Young Female Consumer's Behavior towards Branded Apparels in Lahore. Paper presented at ICCS-14, Multan, Pakistan, December, 12-15, 2016.
5. Dastgir, H, Kamal, A. and Makhdum, M. (2019). Some Predictive Estimators Of Finite Population Mean in Double Sampling. Published in Proc. 17<sup>th</sup> International Conference on Statistical Sciences, Lahore, Pakistan – January 21-23, 2019, Vol. 33.
6. Sarwar, N., Kamal, A. and Khan, T. (2019). Factors Affecting Exclusive Breastfeeding Duration In Pakistan: Parametric Survival Models. Published in Proc. 17<sup>th</sup> International Conference on Statistical Sciences, Lahore, Pakistan – January 21-23, 2019, Vol. 33.
7. Javed, R., Fatima, A. and Kamal, A. (2019). Factors Affecting the Utilization of Maternal Health Care Services among Women in Punjab, Pakistan: Insight from MICS Data 2014, Published in Proc. 17<sup>th</sup> International Conference on Statistical Sciences, Lahore, Pakistan – January 21-23, 2019, Vol. 33.

**RESEARCH POSTER PRESENTATIONS**

1. Poster presentation on research festival (2014) on the 50 years of department of Statistics, GCU, Lahore.
2. Saher, Hina, Waqar, F. and Kamal, A. (2015). Social and Demographic Factors Affecting Son Preference in Pakistan: A Provisional Level Approach. Poster presented at First Annual Conference of Mathematics and Statistical Sciences on Mathematical and Statistical Models in Economics, Finance and Applied Science: Analysis and Methods, 6-7 Feb., 2015.
3. Hameed, S., Javed, S. and Kamal, A. (2015). Identification of Job Satisfaction Factors of PTCL Employees, Poster presented at First Annual Conference of Mathematics and Statistical Sciences on Mathematical and Statistical Models in Economics, Finance and Applied Science: Analysis and Methods, 6-7 Feb., 2015.
4. Afshan, F., and Kamal, A. (2017). Improved Predictive Exponential Type Estimators of Population Mean. Presented at 2<sup>nd</sup> COMSATS STATISTICS POSTER COMPETITION held on May, 11, 2017 at COMSATS Lahore. **Stood 3<sup>rd</sup> in a competition.**
5. Zahid S., Kamal, A. and Amir, N.(2019) Some Exponential Type Predictive Estimators of Finite Population Mean in Two-Phase Sampling. Forman Statistics Research Showcase 2019 (FSRS-2019)
6. Kanwal, S., Kamal, A. and Dastgir, H. (2019). A Predictive Estimator of Finite Population Mean in Double Sampling. Forman Statistics Research Showcase 2019 (FSRS-2019)

**THESIS SUPERVISED*****BS Statistics***

1. Ashraf, S. (2009). *Factor analysis of teacher's intervention strategies for solving student's behavior and learning problems: A cross-sectional case study based on the teaching staff of girl's schools of Ravi Road, Lahore.*
2. Waqar, F. (2011). *Effect of socio-economic and demographic factors on son preference in Pakistan (analysis at national and provisional level).*
3. Khan, A. (2013). *Effect of Socio-Economic and Demographic Factors on the Prevalence of Consanguineous Marriages in Pakistan.*
4. Basharat, J. (2015). *Analysis of Socio-Demographic Factors affecting Utilization of Antenatal Care Visits among Pakistani Women: A Negative Binomial-Logit Hurdle (HNBLOGIT) Regression Model Approach (1990-2013).*
5. *Currently supervising two students working on Maternal malnutrition and Neonatal mortality in Pakistan using PDHS.*

***MS Statistics***

1. Hina Saher (2013). *Determinants of Low Birth Weight of New Born Infants in Pakistan: Comparison of Multiple Imputations with Deletion Method of Missing Data Handling Techniques.*
2. Zoya Ahmad (2015). *Analysis of the Effect of Socio-Economic and Demographic Factors on Child Mortality in Pakistan.*
3. Farkhanda Afshan, (2016). *Improved Predictive Exponential Type Estimation of Population Mean.*
4. *Huma Dastgir (2017). Some Exponential Type Predictive Estimators of Finite Population Mean In Two-Phase Sampling.*
5. Nimra Amir (2017) *New Exponential Type Estimators for Population Mean Under Predictive Approach Using Auxiliary Information in Two Phase Sampling*

6. Nasiha Sarwar (2018). Factors Affecting Exclusive Breastfeeding Duration in Pakistan: Parametric and Non-Parametric Survival Approach.
7. Currently supervising three M.Phil students. Two are working on Non Response Estimators and one is working on Contraceptive use in Pakistan using Cross Survey Multiple Imputation.

### **COURSES/WORKSHOPS CONDUCTED**

1. Resource Person for teacher training course on SPSS (2009) conducted by HEC at LCWU, Lahore.
2. Resource Person for training on SPSS for teachers of affiliated colleges and LCWU faculty (July 4<sup>th</sup> to 15<sup>th</sup> July, 2011) at LCWU, Lahore.
3. Resource Person for two week training on SPSS (2014) arranged by Directorate of Faculty Development, Lahore College for Women University, Lahore.
4. Facilitator for Active Citizen Program and Supervisor of Social Action Projects.
5. Resource Person for 3-Week Workshop on SPSS Training, 11<sup>th</sup> April – 29 April, 2016, LCWU, Lahore.
6. Resource Person for Advanced Level Workshop on Data Analysis, 20 Sep. – 25 Oct., 2016 (4 cr. hrs), LCWU, Lahore.
7. Seminar on Handling of Missing Data on 18 October, 2018 organized by DFDI at LCWU, Lahore.
8. Seminar on Handling Missing Data at Government College for Women, Samanabad, Lahore 3<sup>rd</sup> May, 2019.
9. Conducted series of seminars (3) at Hacettepe University, Ankara Turkey on “Data Science with Tidyverse” under Mevlana Exchange Program from 3/11/19 to 17/11/19.

### **COURSES AUDITED**

1. Non Response in Survey Sampling, Department of Social Statistics and Demography, University of Southampton, UK.
2. Generalized Linear Models, Department of Social Statistics and Demography, University of Southampton, UK.
3. Multilevel Modelling III, Department of Social Statistics and Demography, University of Southampton, UK.
4. Time Series Analysis, Department of Social Statistics and Demography, University of Southampton, UK.
5. Statistical Programming, Department of Social Statistics and Demography, University of Southampton, UK.

### **MEMBERSHIPS**

1. Member National Curriculum Review Committee for Statistics HEC, Pakistan.
2. Member International Union for Scientific Study of Population IUSSP.
3. Ex Member of Population Association of Pakistan (PAP).
4. Ex Member of Islamic Society of Statistical Sciences.
5. Member Editorial Board Journal of Arts and Social Sciences (JASS)

6. Member Departmental Tenure Review Committee College of Statistical and Actuarial Science, University of the Punjab.

**ADDITIONAL ASSIGNMENTS**

1. Departmental Management Representative
2. Arrangement of lectures, workshops, seminars etc.
3. Coordinator Research, Department of Statistics
4. Coordinator MS Statistics Program
5. In charge Departmental Budget Committee
6. In charge Departmental International Linkage Committee

**OTHER EDUCATION/ TRAININGS:**

<b>S#</b>	<b>Date(s)</b>	<b>Program Description</b>	<b>Venue</b>
1	1997-1998	B.Ed.	Govt. Ed. College, Lahore
2	Feb. to April, 2000	Two months course on MS Office	LCWU, Lahore
3	May 19 to 01 Aug.,2000	12 Week Training Program on Graphic Designing	LCWU, Lahore
4	August 8-18, 2001	IT Skills Program by British Council and JPC Women	LCWU, Lahore
5	March 11-30, 2002	Master Trainer Course Workshop under Intel Teach to the Future Program	Intel Arranged Lab, Model Town, Lahore
6	May 10-15,2004	In Service Training in Statistics	HEC Regional Center, Lahore
7	Sep. 07, 2004	One Day Enhancement Workshop of Intel Teach to the Future	Children Library Complex
8	Jan,2004 to Dec. 2004	30 Credit Hours Course of M. Phil level	NCBA & E, Lahore
9	Dec. 23-29,2005	Recent Development in Statistics	FC College, Lahore
10	April 17-22,2006	Training Course in Statistics	GCU, Lahore
11	August 26-27, 2006	Workshop on Recent Development in Survey Sampling	LUMS, Lahore
12	June 9 to July 11,2006	Stochastic Process	GCU, Lahore
13	15-18 Feb., 2010	National Workshop: Training of Master Trainers for the PCEPT	Holiday Inn, Lahore
14	28 <sup>th</sup> May to 1 <sup>st</sup> June 2012	Preparation of PC-I	MPDD, Lahore
15	11 October, 2012	Women in Leadership	LCWU, Lahore
16	6 & 7 Feb., 2013	Mastering Advanced Qualitative and Quantitative	LCWU, Lahore

		Data Analysis for Dissertation/Thesis/Paper-Software Application SPSS and NVIVO	
17	08-02-2013	Supervising Research: A toolkit for Faculty” by American Center.	LCWU, Lahore
18	22, Feb., 2013	IRP, Patent and Patenting	LCWU, Lahore
19	27-29, May, 2013	Teaching by the Case Study Method	LCWU, Lahore
20	20, August- 30, August, 2013	Advanced Time Series and Forecasting	LCWU, Lahore
21	8 <sup>th</sup> Jan., 2014	Introduction to Statistical Software R Language	LCWU, Lahore
22	02-05, Sep. 2014	One Week Training of Active Citizen Program by DFDI,LCWU and British Council	LCWU, Lahore
23	Jan-Feb, 2015	5 Days Training under HEC Modern University, Governance Program	LCWU, Lahore
24	April, 13 <sup>th</sup> 16 <sup>th</sup> 2015	Calibrated Estimators	LCWU, Lahore
25	Apr 28 <sup>th</sup>	ORIC: Strategic Planning	LCWU, Lahore
26	Apr 29 <sup>th</sup> 2014	How to Develop a Grant Funding Project	LCWU, Lahore
27	June, 2015	Workshop on OLK-12 LCWU, Lahore	LCWU, Lahore
28	June, 2015	4 days workshop on Latex LCWU, Lahore	LCWU, Lahore
29	22 Nov.-6 Dec., 2016	5 days workshop on AMOS	LCWU, Lahore
30	July 15 to 20, 2019	Six-Day Course on "Tidyverse for Data Science"	PBS, Lahore.
31	15-18 August, 2019	LISA 2020 Symposium	Kulalumpur, Malaysia



**CONFERENCES/SEMINARS ATTENDED**

<b>S#</b>	<b>Date(s)</b>	<b>Program Description</b>	<b>Venue</b>
1	18 <sup>th</sup> - 23 <sup>rd</sup> August	"ISI WSC 2019" Congress	Kulalumpur, Malaysia
2	21-23 Jan., 2019	17 <sup>th</sup> International Conference on Statistical Sciences	NCBA & E, Lahore.
3	3-5 July, 2018	The Research Methods Festival, National Centre for Research Methods (NCRM)	University of Bath, UK.
4	December, 8, 2017.	ESRC South Coast Doctoral Training Partnership Final Year Conference, 2017	University of Southampton, UK.
5	December, 12-15, 2016	ICCS-14, Multan, Pakistan,	NCBA and E Multan
6	18 <sup>th</sup> Nov., 2015	Attended Seminar on World Statistics Day	Kinnaird College
7	20 <sup>th</sup> October, 2015	Lecture on "Advances in Moment Distributions and their Reliability Measures" LCWU, Lahore	LCWU, Lahore
8	6 <sup>th</sup> and 7 <sup>th</sup> Feb, 2015	First Annual Conference for Mathematics and Statistical Sciences	Lahore School of Economics, Lahore
9	19 <sup>th</sup> Oct., 2010	One day seminar on development of Statistics	LCWU, Lahore
10	Jan. 23-25, 2009	Fifth International Conference on Statistical Sciences, Mathematics, Statistics and Application	NCBA &E, Lahore
11	Nov. 01,2008	One Day Symposium on "Mathematical Statistics and Real Data Analysis"	LCWU, Lahore
12	May 28-29, 2007	3 <sup>rd</sup> National Conference on Statistical Sciences	FAST, NU Lahore
13	Nov. 7-8, 2007	International Conference on Statistical Sciences	GCU, Lahore
14	June 19 to Aug.01 2000	Civil Defense General Protection Course No. 11	Civil Defense Academy Lahore
15	May 3-5, 1997	Eleventh All Pakistan Statistical Conference	Punjab University

