
Education

Villanova University, PA

2017-
19 **M.S. Applied Statistics** (Expected)

Relevant Courses: Statistical Theory, Statistical Methods, Regression, Statistical Programming.

Lahore University of Management Sciences (LUMS), Lahore, Pakistan

2011-
15 **B.S. Economics (Minor in Mathematics)**

Relevant Courses: Advanced Micro & Macroeconomics, Time Series Econometrics, Real Analysis, Stochastic Processes, Applied Microeconomics, Finance.

Work Experience

Villanova University, PA

08/17-
present **Office of Campus Ministry** – Graduate Assistant

- Reconciling campus ministry expenses from professional ministers into master budget.
- Instrument design, analysis of demographic and evaluation data from campus ministry programs.

Center for Economic Research in Pakistan, Lahore, Pakistan

01/17-
07/17 **Asset Transfer Program** – Research Assistant

Principal Investigators: Oriana Bandiera (London School of Economics), Imran Rasul (University College London).
The Asset Transfer Project aims to evaluate the effectiveness of asset and cash transfers, hence providing policy recommendations towards designing the best social safety net which can improve incomes of the ultra-poor.

Main responsibilities included:

- Data Management and Analysis: Analysis of survey data to assess the impact of the intervention on various household indicators, management and maintenance of project data and documents.
- Using various regression models (OLS, Logit, Probit and Conditional) and attrition analysis on the program's panel data collected in different survey waves since 2013 for and synthesizing results for principal investigators.
- Consulting studies and literature to assist in the design of data collection and survey instruments.
- Monitoring and coordinating with survey and field teams to ensure adherence to set protocols and procedures, travel to southern Punjab for enumerator trainings, and/or survey piloting.
- Preparing technical reports for donor organizations and other audiences for project funding and grants.
- Liaison with project partners to sustain program activities.

Evidence Based Procurement Reform (EBPR) – Research Assistant

12/15-
12/16 *Principal Investigators: Michael Best (Stanford University), Andrea Prat (Columbia University)*

EBPR tests if procurement in the public sector can be made efficient in four government departments (Agriculture, Education, Communication and Works and Health). The program was designed as a randomized control trial (RCT). The variable of interest was value-for-money defined as procuring higher quality items at the lowest possible price.

Main responsibilities included:

- Sampling, Experimental Design and Impact Evaluation of treatment group against the control group via STATA.
 - Creation of Punjab Online Procurement System on SQL database based on requirements of the project sample and for efficient data collection with the help of Punjab Information Technology Board.
 - Cleaning and preparing data for analysis. The analysis provided input to program design and recalibration during the roll-out of the interventions.
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Subhan Khalid

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- Analysis of collected data using regression analysis on STATA. Determining the variation in prices for purchased products all over Punjab, by coding item regression do-files
 - Implementation and roll-out of project interventions and policies, which involved liaison with the Government from Secretaries of departments to the lower level officers
 - Rollout of end-line survey for the project and responsibly collecting important data
 - Training of government officials involved with the procurement process. This included capacity building sessions on the Punjab Online Procurement System. Additionally, this included coordinating with the Government officials for troubleshooting of the system to make it more user friendly and effective.
 - Collaborating with researchers from international universities with weekly updates and relationship management with implementing partners of the project and key personnel from the Government.

Punjab Economic Opportunities Program (part time)

- Part of social mobilization in southern Punjab.
- Design of data digitization instrument for clean data collection.

Child Health and Nutrition Program (part time)

- Focus group with lady health workers and mothers in rural parts of southern Punjab.
- Visit of basic health units for examining health facilities and administration of treatment.
- Liaison with Punjab Social Protection Authority and health department for project design.

Leadership

- Leader for quantitative and qualitative data collection field teams at CERP.
- Graduate student ambassador for Villanova University.
- Interfaith leader on campus for Villanova University.
- Gold medal at LUMS national soccer championship.

Technical

- Microsoft Office (Word, Excel, PowerPoint, Access).
- Statistical Programming: STATA, R & SAS.

Other Skills

- Management: acquired leadership, communication, analytical and negotiation skills.
 - Innovation, capacity building, partnership development, relationship management, finding solutions.
 - Languages: Urdu (native); English (excellent reading, writing & speaking), Punjabi.
 - Total score of more than 1200 in blitz chess on chess.com.
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