

# Zahid Asghar

PROFESSOR OF ECONOMICS

School of Economics, Quaid-i-Azam University, Islamabad

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## Appointments

### Professor of Economics

SCHOOL OF ECONOMICS

Quaid-i-Azam University, Islamabad

2018–Present

### Associate Professor of Statistics

DEPARTMENT OF STATISTICS

Quaid-i-Azam University, Islamabad

2015–2018

### Subject Specialist Econometrics

NATIONAL INSTITUTE OF BANKING AND FINANCE, STATE BANK OF PAKISTAN

NIBAF, Islamabad

2011–2013

### Consultant

SULTAN QABOOS UNIVERSITY

Muscat, Oman

2009–10

### Director

SCHOOL OF ECONOMICS

QAU, Islamabad

2019–2022

### Registrar

QUAID-I-AZAM UNIVERSITY

Islamabad

2020–2021

### Chairman, Department of Statistics

QUAID-I-AZAM UNIVERSITY

Islamabad

2017–2018

## Education

### Pakistan Institute of Development Economics

PH.D — ECONOMICS

Islamabad

2007

### Bahauddin Zakaraya University

MSC — STATISTICS

Multan, Punjab

1993

### University of the Punjab

BSC - MATH, STAT

Lahore, Punjab

1990

## Research

### INTERESTS

Applied Economics, Development Economics, Official Statistics, Economy of cities, Econometrics and Data Analytics,

### PEER-REVIEWED JOURNAL ARTICLES (SELECTED)

- Shah, S. S., & Asghar, Z. (2023). Dynamics of social influence on consumption choices: A social network representation. *Heliyon*, 9(6), e17146. <https://doi.org/10.1016/j.heliyon.2023.e17146>
- Hayat Shahid, A. U., & Asghar, Z. (2023). Impact of seasonal level shift (SLS) on time series forecasting. *Romanian Journal of Economic Forecasting*.
- Noor, A., Asghar, Z., Sarwar, H., & Arfeen, I. (2021). ROLE OF THE ICT IN WOMEN EMPOWERMENT AND ACHIEVING SDGS: A CASE STUDY OF WOMEN LABOR FORCE IN DEVELOPING COUNTRIES. *Etikonomi*, 2(20), 339–348.
- Asif, M., Hussain, Z., Asghar, Z., Hussain, M. I., Raftab, M., Shah, S. F., & Khan, A. A. (2021). *Physica A: Statistical Mechanics and Its Applications*, 581, 126–198.
- Shabnam, N., Santeramo, F. G., Asghar, Z., & Secca, A. S. A. (2016). The impact of food price crises on the demand for nutrients in pakistan. *Journal of South Asian Development*, 3(11), 305–327.
- Asghar, Z., & Tahira, F. (2009). MEASURING INFLATION THROUGH STOCHASTIC APPROACH TO INDEX NUMBERS FOR PAKISTAN. *Pakistan Journal of Statistics and Operation Research*, 2(5), 91–106.

7. Asghar, Z., & Khalid, M. (2008). Biases in consumer price index methodology in pakistan: Suggestions for improvements. *Pakistan Development Review*, 3(47), 267–285.

## Teaching

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### ABOUT ME

I am applied econometrician and statistician with special interests in development economics, making sense of data through Data visualization and have conducted a large number of trainings on data analytics using Excel, STATA, R and EViews. I have expertise in using R, STATA and Excel, and comfortable in using Datawrapper, Tableau, SPSS and EViews for data analysis. I am actively engaged in playing with data particularly *PovCalnetR*, *PDHS*, *PSLM*, *WDI using R* among many other survey data sets. I have published in gender, food security and other socio-economic issues both in national and international peer reviewed journals. I am keen in having better awareness of development indicators in the society and to contribute to an evidence based decision making in socio-economic policy. I have strengths both in Statistics and Economics

I have taught a wide variety of courses. At School of Economics, I regularly teach econometrics (every semester), Economy of Pakistan, and Urban Economics (1-2 each semester), Applied Economics and Inferential Statistics.

## Professional Engagements

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- Senate Member, Pakistan Institute of Development Economics 2008-2011
- Member Research Advisory Council on 'Research for Social Transformation and Advancement' (RASTA) under PSDP of the Ministry of Planning, Development and Special Initiatives, the Government of Pakistan, 2020-21 to-date
- Member Technical Committee Price Indices, Pakistan Bureau of Statistics 2013 to-date
- LEAD fellow Cohort-19
- Member Technical Committee SDGs, Pakistan Bureau of Statistics
- Member Technical National Account Committee, Pakistan Bureau of Statistics
- Member, Board of Studies and Faculty at various academic institutions
- Editor (Pakistan Economic Review) and member of editorial boards and a reviewer

## Research Projects and Consultancy

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- *Workshop on Applied Economics with R*, Pakistan Institute of Development Economics, Spring Semester 2023
- *R for data analytics* Online course 5 weeks Feb-Mar:2023
- Data Analysis of Tax on Services Sector 2012-2022 of Punjab
- Data Analyst for Earning Projection Survey of Free-Lancing jobs under IGNITE, Ministry of Finance 2021, Pakistan
- Data consultant for Ignite: National Technology Fund, Ministry of Finance 2019-20
- Assessing Data requirements for SDGs through key informant interviews and surveys in progress under NRPU of the HEC (Current)
- Data were extracted from PSLM and HIES from 1998-2015-16 Surveys
- Member of the team as a data analyst for a research project for financing agriculturists through a third party instead of Arhtis at NIBAF, State Bank of Pakistan 2011-13
- Consultant for a project on Biases in Consumer Price Index (PIDE) 2007

## Trainings

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- *Revenue Forecasting for KP Revenue Authority* , 26-30 September, 2022 USAID/SDPI
- *Econometrics Using STATA Under TVET Support Program in Pakistan*, 2-13 March, 2015
- *Applied Econometrics*, NIBAF, State Bank of Pakistan 14-18 December, 2017, Islamabad
- **Data Management and Analysis Using STATA**, *International Rescue Committee*, 25-27 April, 2017 Islamabad
- Workshop conducted for Mid-Career Management Course on “Data Visualization” Information Services Academy, Islamabad, December, 2020
- Resource Person for ‘Data Visualization and its importance for Journalists and media’, Information Services Academy, Islamabad, 3rd January, 2020
- Resource Person for Workshop on Applied Economics Using Softwares, School of Economics, QAU, 22-26 July, 2019
- Resource Person for Workshop on Analysing Data Using Stata, Pakistan Institute of Development Economics, Islamabad, 5-February, 2019
- Data Visualization for Policy Making Using Excel for Faculty Development Program, HEC, 2-Sessions, 20th January, 2019
- Resource Person for Workshop on Applied Econometrics, School of Economics, QAU, 4-6 Jan, 2019
- National Invited Speaker for “ Making Sense of Data Through Visualization, University of Malakand, Nov-2018
- National Invited Speaker for “Data Visualization”, Women University, Multan 11-May, 2018
- Data, Data Visualization, and Data Driven Decision Making for Faculty Development
- Program, HEC, 2-Sessions, 20th January, 2017
- Teaching Basic Statistics for Teachers Workshop at PIDE (Conducted 2 Sessions on
- Data Visualization and Exploration August, 2016)
- MS Excel-Advanced Young Professional Induction Program Batch 5, NIBAF, State Bank of Pakistan (20-22 June, 2016)
- Visualization and Exploration of Data Using R for PIDE research staff and students (8-9 May, 2016). *Business Intelligence through Financial Modeling-Scenario-Building* for Senior
- Middle Management of SBP-BSC, NIBAF, Islamabad (4 hours), 2016 (2nd Iteration). *Business Intelligence through Financial Modeling-Scenario-Building* for Senior
- Middle Management of SBP-BSC, NIBAF, Islamabad (4 hours), 2016
- *Use of Statistical Package for Social Sciences (SPSS) In Agricultural Statistics of Pakistan* Ministry of Food Security and Research, PARC, Islamabad Feb.24, 2016
- *MS Excel Advanced for SBP-BSC officers* at NIBAF Islamabad (Feb.22-23, 2016)
- *Statistical Methods Using STATA* for Strengthening of Crops Estimation System in Pakistan by Capacity Building of the Officers. Ministry of Food Security and Research, Islamabad, October 20, 2015
- *Applied Research Methods for Economics & Finance*, Department of Economics and Finance, PIDE, Islamabad September 7-11, 2015
- *Processing and Analysis of Data (Methodology and Software)* June 10-12, 2015 *MS Office-Advanced (Excel, Word & PowerPoint)* Young Professional Induction Program. NIBAF, State Bank of Pakistan (22-25 April, 2015)
- *Inflation, Measurement Issues and its Impact on Common Man* for Research Officers (Economist Group) M/O Planning, Development and Reform at PPPI, Islamabad (22 Oct, 2014)
- *Data Analysis Using Excel-Advanced for Research Staff and Faculty*, Pakistan Institute of Development Economics, Islamabad (9-10 June, 2014)
- *Advanced Applied Econometrics Using STATA/ EVIEWS* for State Bank of Pakistan Officers at LRC, Karachi (24 June-5 July 2013)

- *Issues in Pakistan Economy*, State Bank Officers Training, NIBAF, 6th July, 2013 Islamabad
- *Advanced Econometrics Using STATA and EVIEWS* for State Bank of Pakistan Officers (Research, Statistics and Data Ware House wing) at LRC, Karachi (Feb-Mar 2013)
- *Applied Econometrics* for State Bank of Pakistan officers (Monetary and Economic Policy Division) at LRC, Karachi (2012)
- *Managerial Economics: International Business Administration & IT Course for Central Asian Republics* NIBAF, State Bank of Pakistan, (2012)
- *National Accounts*, State Bank Officers Training Scheme (2012) *Biostatistics and Genetic Epidemiology*, Quaid-i-Azam University, Islamabad. Served as Focal Person from Aug 02-11 (2016).
- *Two weeks training course on Statistics*, Planning Commission of Pakistan, Pakistan (2005)
- *Resource Person for Higher Education Commission Faculty Development Program* 2017 to-date

## PHD THESIS

Supervised: 5

Under-progress: 3

Mphil thesis (Supervised): 40 +

## REFERENCES:

Upon request

## Skills

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### • Languages:

- English ★★★★★
- Urdu ★★★★★☆
- Punjabi ★★★★★☆

### • Software:

- R : ★★★★★☆
- Stata: ★★★★★☆
- EVIEW: ★★
- MsExcel:★★