

Zahid Asghar

PROFESSOR OF ECONOMICS

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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

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 (MORE THAN 40)

- 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. (2021). A statistical evidence of power law distribution in the upper tail of world billionaires' data 2010–20. *Physica A: Statistical Mechanics and Its Applications*, 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.
- Asghar, Z., & Khalid, M. (2008). Biases in consumer price index methodology in pakistan: Suggestions for improvements. *Pakistan Development Review*, 3(47), 267–285.

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

- 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

- *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

- *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 PPMI, 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

• Languages:

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

• Software:

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