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Assistant Professor/ Research Economist
Applied Economics Research Centre, University of Karachi.
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TEACHING INTEREST:

- Econometrics
- Applied Econometrics and Computer Applications
- Economics of Pakistan
- International Trade

RESEARCH INTEREST:

- International Trade
- Energy Economics
- Sustainable Economic Development
- Human Resource Development

ACADEMIC QUALIFICATIONS:

- **Ph.D.** Economics from University of Karachi (2011).
- **M.Phil** Economics, from University of Karachi (2003).
- **M.A.S** Economics, from University of Karachi (1996-1998).
- **M.Sc.** 1st Division in Statistics from University of Karachi (1991).
- **B.Sc.(Hons.)** 1st Division in Statistics from University of Karachi (1990).

PROFESIONAL EXPERIENCES:

- Assistant Professor / Research Economist (December 2010 to date)
- Visiting Faculty at Department of Statistics, University of Karachi, July 2011- to June 2012.
- Lecturer / Staff Economist (March 2005 to December 2010)
- Research Assistant (2001 to March 2005)
- Project Economist (August 1999 to January 2001)
- Teaching Assistant (Microeconomics-I), April – June 2000 at AERC
- Visiting Faculty at Karachi University Business School, Jan - Dec 1999.
- Teaching Assistant (Project Evaluation) April –June 1999 at AERC.
- Teaching Assistant (Issues in Pakistan's Economy), Jan- Mar 1999 at AERC.
- Teaching Assistant (Econometrics-I), June – August 1998 at AERC.
- Assistant Mistress at Customs Public School, 1992-1996.

HONOURS/SCHOLARSHIPS

- Ph. D. SCHOLARSHIP UNDER “Development/Strengthening of Social Sciences and Humanities in General Universities in Pakistan”
- One year Fellowship for M.A.S. Degree Programme 1996-97.

TEACHING/RESEARCH EXPERIENCE:

- **Instructor at Applied Economics Research Centre: 2001 to date**

Courses Taught:

- Econometrics-I
- Applied Econometrics and Computer Applications

- **Project Economist at Applied Economics Research Centre: 1999 to 2001**

- **Teaching Assistant at Applied Economics Research Centre: 1998–2000**

Courses Taught:

- Econometrics-I
- Microeconomics-I
- Project Evaluation
- Issues In Pakistan's Economy

- **Visiting Faculty at Department of Statistics, University of Karachi, July 2011 to June 2012.**

Course Taught:

- Economics of Pakistan
- International Trade and Finance

- **Visiting Faculty at Karachi University Business, January to December 1999.**

Course Taught:

- Business Mathematics
- Business Statistics

- **Assistant Mistress at Customs Public School, P. E. C. H. S., 1992-1996.**

Courses Taught:

- Physics and Mathematics

M. PHIL THESIS SUPERVISION:

Name of student	Thesis title	Position of Supervision	At which Stage
Syed Ammad Ali	The impact of Fiscal Rules on Fiscal volatility, Fiscal Efficiency and Economic Growth in Pakistan	Second	Thesis submitted
Fatima Soomro	The Role of Public and Private sector in Provision of Higher Education in Pakistan: A comparative Analysis	Second	Thesis stage
Khurram Arsalan Wasti	The impact of Financial and Trade Liberalization on Economic Growth: An Empirical Analysis for SAARC Region	First	Thesis submitted
Hira Mujahid	Trade Liberalization, Economic Size and Macroeconomic Volatility: Empirical Evidence from Pakistan.	First	Thesis stage
Faiza Umer	Trade openness, size and the saving-investment relationship: A Dynamic Analysis for Pakistan	First	Thesis stage
Mohammad Waqas	Total Factor Productivity, Export intensity and Energy Intensity in Pakistan: A Dynamic Analysis.	First	Proposal stage
Abida Hafiz	Institutional Development and Return Predictability in an Emerging Market: A case of Pakistan	Second	Thesis stage
Shiraz Khan Ghorri	Impact of Financial Deepening through Private Investment on Economic Growth of Pakistan: An Empirical Investigation	First	Proposal stage
Maria	The impact of terrorism on Economic Growth: A case study for Pakistan	Second	Thesis stage
Mukhtiyar Khan	The impact of Globalization on domestic inflation in Pakistan	First	Thesis stage
Ahmed Kabir	A Gravity Model approach for the Factor Determining International Migration	Second	Proposal Stage
Syed Monis Jawed	Competing models of Stock Market Volatility and its macroeconomic determinants in Pakistan	First	Proposal Stage
Ali Rashid	Food Security Situation in Pakistan- A Critical Analysis of Crop Diversification	Second	Proposal Stage
Muhammad Bilal	The shift to Services Sector: Prospects of Economic Dynamics in Pakistan	Second	Proposal Stage

- **External Examiner** for viva on M. Phil Thesis “Aggregate and Industrial Concentration in Pakistan’s Manufacturing, Financial and Service Sectors” at Institute of Business and Management.

EXTERNAL REVIEWER:

- Paper reviewed for international Journal “Evaluation and Program Planning”
- Paper reviewed for international Journal “Journal of Developing Areas”

- Various papers reviewed for international Journal “International Review of Applied Economics”
- Paper reviewed for international Journal “Journal of Research in Economics and International Finance”.
- And others.

RESEARCH PUBLICATIONS:

Journal Articles:

1. Effect of Openness to Trade and FDI on Industrial Sector Growth: A Case Study for Pakistan. *The Romanian Economic Journal*, Volume XVI No. 48, June 2013, 179-197.
2. A Reassessment of Pakistan’s Aggregate Import Demand Function: An Application of ARDL Approach. “Journal of Developing Areas”, Volume 46, No.1, Spring 2012, pp. 367-384 , DOI: 10.1353/jda.2012.0016
3. Exchange Rate Volatility and Aggregate Exports Demand through ARDL Framework: An Experience from Pakistan Economy, Review of Applied Economics, Volume 8, No 1, March 2012.
4. Fiscal Responsiveness, Persistence and Discretion: A Case Study of Pakistan. The Romanian Economic Journal, Volume 15, No. 45, September 2012, 227-243.
5. Trade Liberalization, Environmental Degradation and Sustainable Development in Pakistan, European Journal of Social Sciences – Volume 19, Number 1 (2011), 84-96.
6. Exchange Rate Volatility and Pakistan’s Bilateral Imports from Major Sources: An Application of ARDL Approach, International Journal of Economics and Finance, Vol. 3, No. 2, in May 2011.
7. Exchange rate volatility and Pakistan’s Import demand: An Application of Autoregressive Distributed Lag model. International Research Journal of Finance and Economics, issue 48, 2010, 7-23.
8. Globalization, Poverty and Environmental Degradation: Sustainable Development in Pakistan, Journal of Sustainable Development, 3(3), Sep 2010, 103-114.
9. A Reassessment of the effect of exchange rate volatility on Pakistan’s Export Demand: ARDL Approach. European Journal of Economics, Finance and Administrative Sciences, issue 21, 2010, 77-91.
http://www.eurojournals.com/ejefas_21_06.pdf

10. Does Social Expenditures promote Economic Growth: A Multivariate Co-integration Panel Data Results for Asian Developing Countries? European journal Social Sciences, 14(1), 2010, 44-54. http://www.eurojournals.com/ejss_14_1_04.pdf
11. An Import Demand function for Pakistan: The VAR & VECM Framework. "India Macroeconomic Annual", 2009, 81-109.
12. Impact of Real Effective exchange Rate Volatility on Pakistan's Exports. Journal of Social and Economic Policy, 6(2), 2009, 171-195.
13. Is There any Causality between Human Resource Development and Economic Growth? A Provincial Case Study on Pakistan. International Journal of Education Economics and Development, Vol. 1(2), 2009, 179-200.
DOI: 10.1504/IJEED.2009.029308
14. Sustainable Development in Pakistan in the Context of Energy Consumption Demand and Environmental Degradation. Journal of Asian Economics, Vol. 18(5), October 2007, 825-837.
15. Fertility Regulation Behaviour in Pakistan, Demand for Children, Supply of Children and Costs of Fertility Regulation. South Asian Anthropologist, Volume 6, March 2007, 1-10.
16. Long-Run and Short-Run Linkage between Financial Development and Poverty Reduction in Pakistan, Journal of Social and Economic Policy, Vol. 4(1), 2007, 19-36.
17. Impact of Demography, Growth and Public Policy on Household Saving: a case study of Pakistan. Asia-Pacific Development Journal, Vol. 13(2), December 2006, 57-71.
18. Public Investment and Economic Growth: Heterogeneous Panel Data Evidence from Asian Countries. Indian Journal of Social Development, Vol. 5(1), June 2005, 13-29.
19. An Empirical Analysis of the Linder Theory of International Trade for South Asian Countries. The Pakistan Development Review, Vol. 44(3), Autumn 2005, 307-32.
20. International Trade and Total Factor Productivity growth in Pakistan: A multivariate cointegration Analysis. Indian Journal of Quantitative Economics; 18(1&2), 2003, 31-54.
21. Foreign Direct Investment, Exports and Domestic output in Pakistan. Pakistan Development Review, Vol. 42 (4) Part II, Winter 2003, 715-723.
22. Dynamics of Fertility, Family Planning and Female Education in Pakistan. Journal of Asian Economics, Vol. 14(2003), 447-463.

23. Impact of Export and Foreign Economic performance on Domestic Productivity and Output: An application of VAR model. Pakistan Journal of Applied Economics, XVIII (1, 2), 2002-2008, 49-64.
24. Efficiency of Electricity Consumption in Industrial Sector of Pakistan: An Application of Multilevel Decomposition Model. Pacific and Asian Journal of Energy, Vol. 12(2), December 2002, 167-179.
25. Causality between Energy and Economic Growth in Pakistan: An Application of Cointegration and Error Correction Modeling Techniques. Pacific and Asian Journal of Energy, Vol. 12(2), December 2002, 151-165.
26. Assessing Energy Consumption and Energy Intensity Changes in Pakistan: An Application of Complete Decomposition Model. Pakistan Development Review, Vol. 40 (2), Summer, 2001, 135-147.
27. The Long-run relationship between Real Exchange Rates and Real Interest Rates in Asian Countries: An Application of Panel Cointegration. Pakistan Development Review, Vol. 40 (2) Part II, Winter 2001, 577-602.
28. Economic Growth, Export and External Debt Causality: The Case of Asian Countries. Pakistan Development Review, Paper and Proceedings, Part II Vol. 39 (4), Winter 2000, 591-608.
29. Aggregate energy efficiency in Pakistan: An application of decomposition approach. Pakistan Journal of Applied Economics, Vol. 16 (1 & 2), 2000.

Research Report:

30. Policies and Prospects for Non-Tariff Barriers for Trade and Investment among SAARC countries. 2001, pp. 144. Accepted UGC.

Chapter in the Book:

31. Book Chapter "Does Environmental Degradation Affect Human Development and Sustainable Economic Development? Case of Pakistan" by Shaista Alam in the book "Human Development - Different Perspectives" edited by Maria Lucia Seidl-de-Moura, ISBN 978-953-51-0610-4, InTech, May 5, 2012

Book Review:

32. *The Economics of Education: Human Capital, Family Background and Inequality.* By Daniele Checchi. Cambridge University Press, Cambridge. 2006. XI + 278 pp. Pakistan Journal of Applied Economics, Vol. 19, No. 1, 2009. 75-77.

➤ **SUBMITTED**

1. The effect of Trade Openness and Market Capitalization on TFP Growth in Pakistan, submitted for publication in 'Journal of Social and Economic Policy'.
2. Pakistan's Bilateral Trade flows: An application of Gravity model, submitted for Publication in Asian Economic Journal.
3. The Effect of Exchange Rate Volatility on Bilateral Sectoral Exports of Pakistan, submitted in International Review of Applied Economics.
4. The Effect of Exchange Rate Volatility on Pakistan's Bilateral Exports to Major Recipients, submitted in Review of Applied Economics.
5. The Impact of Financial Reforms on Net Interest Margins: A Dynamic Panel Analysis, submitted in World Development.

➤ **ON GOING:**

1. Intra-industry trade in Pakistan. A Dynamic Analysis.
2. Development Strategies for Pakistan's Service Sector Export: Potential, Challenges and Policies.

RESEARCH AND TRAINING ASSIGNMENTS/PROJECTS:

1. University Grants Commission, Government of Pakistan.
Team Member on, Comparative Study of Pakistan's Future Trade Strategy: The Cost Benefit Analysis of Trade Liberalization/Multilateralism (WTO) Versus Regionalism (SAARC).
2. Project Economist on UGC Funded Core Research study, "Policies and Prospects for Non-Tariff Barriers for Trade and Investment among SAARC countries." 1999-2001, pp. 144.
3. Instructor on a short training course on Data/ Statistical Analysis by Applied Economics Research Centre, for Bureau of Statistics, P&D department Government of Sindh and UNICEF, Hyderabad, 26-28 December 2001, and Karachi, December 31, 2001--January 4, 2002.

CONFERENCES AND SEMINARS:

(Presented/Participated)

- A paper entitled "Sustainable Development in Pakistan in the Context of Energy Consumption Demand and Environmental Degradation" **presented** in HEC Pre-Conference one day Seminar on Managing Energy Demand: The New Global Energy Paradigm, organized by Applied Economics Research Centre, University of Karachi, September 08, 2006.

- A paper entitled “Formation of Non-Cooperative Model of Nash Type Socio-Economic Networks for Information Transmission”, **participated** in conference at Lahore University of Management and Sciences, June 2005.
- “Determinants of Household Saving in Pakistan: Growth Demography and Public Policy”, **participated** in Singapore Economic Review Conference 2005 at National University of Singapore, 4-6 August 2005.
- A paper entitled “The Long-run relationship between Real Exchange Rates and Real Interest Rates in Asian Countries: An Application of Panel Cointegration”, **participated** in Seventeen Annual General Meeting and conference of the Pakistan Society of Development Economists, Islamabad, 2002.
- A paper entitled “Economic Growth, Export and External Debt Causality: The Case of Asian Countries” **participated** in Sixteen Annual General Meeting and conference of the Pakistan Society of Development Economists, Islamabad, January 2001.

CONFERENCES & WORKSHOP ATTENDED:

- Sixteen Annual General Meeting and conference of the Pakistan Society of Development Economists, Islamabad, 2001.
- Seventeen Annual General Meeting and conference of the Pakistan Society of Development Economists, Islamabad, 2002.
- Nineteen Annual General Meeting and conference of the Pakistan Society of Development Economists, Islamabad, 2004.
- A lecture of French Senior Economist, Ministry of Economics Forecasting Directorate, International Forecast Department, Dr. Diana Hochraich on “Asian Regional Integration Following China’s Accession to the WTO: The cases of AFTA and South Asia”. At National Institute of Public Administration, Karachi, December 6, 2004.
- Conference on “Industrial Growth” Department of Economics University of Karachi, 2004.
- Workshop on “The Revival of Economy” Applied Economics Research Centre, University of Karachi, 2001
- National Conference on “The State of Economy: Progress and Prospects”, Applied Economics Research Centre, University of Karachi, 1998.
- National Conference on “Pro-Poor Growth Policies”, Applied Economics Research Centre, University of Karachi, 2002.
- National Conference on “Islamic Banking for Development: Meeting the Challenge”. Shaikh Zayed Islamic Centre, University of Karachi, March 2003.

- Attended seminar given by Dr. Karamat Ali of PILER on “Globalization, World Social Forum (WSF) and Labour Issues in Pakistan” at Applied Economics Research Centre, 4th April, 2006.
- Attended one day seminar on “The impact of Education and Assessment of Educational Policies in Pakistan” at Applied Economics Research Centre, Saturday 24th February, 2007.
- Attended National workshop on “Eco Economics - The Winning Strategy”, Institute of Bankers of Pakistan, 22nd April 2003.
- Attended International Conference on “Industrial Competitiveness: The Challenge for Pakistan”. Institute of Bankers of Pakistan, 2003.
- Attended a panel discussion on “Interpreting Social and Economic Change in Pakistan” at Applied Economics Research Centre, on Wednesday December 16, 2009. *Speakers:* Arif Hasan, Ijaz Nabi, Talat Aslam and Afia S. Zia.
- Attended seminar given by Dr. Meekal Ahmed on “The Truth behind Pakistan’s Economic Performance 1999 – 2008” at Applied Economics Research Centre, on Wednesday January 27, 2010.
- Attended seminar given by Mr. Arif Hasan on “The World City Concept and its Repercussions on Urban Planning in the South” at Applied Economics Research Centre, on Saturday February 20, 2010.
- Attended seminar given by Dr. Kaiser Bengali on “NFC Award: How and What” at Applied Economics Research Centre, on Friday March 12, 2010.
- Attended seminar given by Prof. Dr. Nuzhat Ahmad on “Workers Remittances and Balance of Payments in Pakistan” at Applied Economics Research Centre, on Saturday April 10, 2010.

Member of following committees at AERC:

- Academic Committee
- Editorial Committee, PJAЕ
- Graduate Studies Committee
- Publication Committee (Conener)
- Conference Committee
- Internal Referee of PJAЕ
- Entrance Test of MAS/M.Phil of Economist and Non-Economist Paper
- Graduate Directory Committee
- House Requisition Committee
- AERC Promotion Committee

PERSONAL INFORMATION:

Father's Name MOHAMMAD BADR-E-ALAM SIDDIQUI
Husband's Name QAISER RIAZ
Marital Status Married with two sons

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