

## Curriculum Vitae

# ABID AMAN BURKI



**Office:** G-0099 Academic Block, CNM Department of Economics, Wing B, Lahore University of Management Sciences (LUMS), Opposite Sector U, DHA, Lahore Cantt., Lahore, Pakistan 54792  
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### EDUCATION:

Ph.D., Economics, Kansas State University, Manhattan, KS, U.S.A., May 1996.

Dissertation: *Production Frontiers and Small Firm Efficiency: A Case Study from Pakistan.*

M.A., Economics, University of Manitoba, Winnipeg, Manitoba, Canada, August 1980.

M.A., University of the Punjab, Lahore, Pakistan, 1978.

### WORK HISTORY:

- Professor Emeritus, CNM Department of Economics, Lahore University of Management Sciences (LUMS), Jul 2023 - present.
- Adjunct Professor, CNM Department of Economics & Suleman Dawood School of Business (SDSB), LUMS, Sep 2021 – Jun 2023.
- Professor of Economics, Department of Economics, LUMS, 1<sup>st</sup> July 2005 - 15<sup>th</sup> January 2021.
  - Founding Graduate Program Director, Economics, LUMS, Jan 2003 - Jul 2020.
  - Director, LUMS Centre for Management and Economic Research (CMER), July 2003 – June 2010.
- Associate Professor, Department of Economics, LUMS, 16<sup>th</sup> August 2003 to 30<sup>th</sup> June 2005.
- Visiting Faculty, Department of Economics, LUMS, 15<sup>th</sup> August 2002 to 15<sup>th</sup> August 2003.
- Chairman (HoD), Department of Economics, Quaid-i-Azam University, Islamabad, 4<sup>th</sup> October 2000 – 14<sup>th</sup> August 2002.
- Professor of Economics, Quaid-i-Azam University, Islamabad, November 1999 – Aug 14, 2002.
- Associate Professor of Economics, Quaid-i-Azam University, Islamabad, July – November 1999.
- Assistant Professor of Economics, Quaid-i-Azam University, Islamabad, October 1987 – July 1999.
- Instructor, Kansas State University, Manhattan, KS, summer 95, fall 95 and winter 96.
- Lecturer of Economics, National Institute of Pakistan Studies, Quaid-i-Azam University, December 1985 – October 1987.
- Lecturer of Economics, Bahauddin Zakariya University, Multan, May 1981 – December 1985.

### HONORS, MEMBERSHIPS AND AWARDS:

- President of Pakistan's academic distinction award *Aizaz-i-Fazeelat*, August 14, 2001.
- Chairperson, Board of Directors, AGAHE Pakistan, November 2019 – present.
- Member, American Economic Association & International Association of Agricultural Economists.
- Visiting Distinguished Professor, Kuwait University, Kuwait, November 2000.
- Member, UNICEF South Asia Regional Reference Group on "Responding Today for Tomorrow, UNICEF South Asia Regional Office, Kathmandu, Nepal, September 2021 to December 2022.
- Fellow, Mahbub-ul-Haq Research Centre (MHRC), LUMS, Lahore, 16<sup>th</sup> Jan 2021 – present.
- Reviewer *Energy Economics, World Development, International Review for Economics & Finance, Bulletin of Economic Research, Journal of Human Development, Contemporary Economic Policy.*
- Reviewer *Pakistan Development Review, Pakistan Journal of Applied Economics, Pakistan Economic & Social Review, SBP-Research Bulletin, Asian Journal of Management Cases.*
- Reviewer Higher Education Commission, and Oxford University Press.

## TEACHING INTERESTS:

Applied Microeconomics; Poverty & Income Distribution; Topics in Development Economics. Agriculture & Food Policy; Principles of Microeconomics; Intermediate Microeconomics.

## RESEARCH INTERESTS:

Efficiency and productivity analysis; willingness to pay and contingent valuations; impact assessment studies; industry and sector studies; health sector; poverty and inequality analysis; labor market; agricultural and dairy sector development.

## RESEARCH GRANTS AND CONSULTING:

1. **WaterAid in Pakistan, Lead Consultant:** Situation Assessment and Willingness to Pay by Rural Households for Improved Water and Sanitation Services in Selected Districts of Punjab, 12<sup>th</sup> June – 31<sup>st</sup> August 2023.
2. **WaterAid Pakistan, Team Lead:** Determining the Health Costs of Inadequate Water, Sanitation and Hygiene (with Abubakar Memon), 16<sup>th</sup> November – 31<sup>st</sup> March 2023.
3. **World Health Organization (WHO), Team Lead:** Evaluating Post Typhoid Conjugate Vaccine (TCV) Catch-up Campaign Coverage Survey in Pakistan (with GAT Consulting), October 2022 – January 2023.
4. **Fair Finance Pakistan:** FFGI Methodology Assessment of Selected Banks in Pakistan, September 2022 to June 2023.
5. **World Bank, Team Lead:** Pakistan's Country Economic Memorandum Report, Analysis of Agricultural Productivity and Climate Change in Pakistan. Prepared two research articles used as background papers to the World Bank Group's 2022 report titled *From Swimming in Sand to High and Sustainable Growth*: 23 August 2021 – 30 June 2022. <http://hdl.handle.net/10986/38133>
6. **Punjab Bureau of Statistics and UNICEF:** Relative Importance of Risk Factors of Stunting, Underweight and Wasting in Under Five Children in Punjab: Evidence from the MICS Data, February 2022 to June 2022.
7. **Fair Finance Pakistan, Team Lead,** Pitfalls of Restoring Energy Security with Coal Power Plants in Pakistan, November 2021 to May 2022.
8. **World Bank: Team Lead,** Baseline Survey and Analysis, Punjab Human Capital Investment Project, Program Monitoring, and Implementation Unit (PMIU), School Education Department, Government of the Punjab, (with GAT Consulting Lahore), October 2021 to September 2022.
9. **BISP (Benazir Income Support Program), Government of Pakistan: Team Lead:** Operational Review of Ehsaas Nashonuma Health & Nutrition CCT (with GAT Consulting), July 2021 – June 2023.
10. **Oxfam GB/Indus Consortium:** Do Banks in Pakistan Follow Responsible Investment & Financing Policies? A Scoping Review, December 2020 to June 2021.
11. **Oxfam GB/Chanan Development Association (CDA), Team Lead:** Exploring Dimensions of Inequality in Pakistan (with Arsalan Hussain and Kinza Emad), September 2019 to March 2020.
12. **Tetra Pak Pakistan, Team Lead:** Addressing Yield Gap of Dairy Farms to Increase Productivity in Selected Districts of Punjab: A Spatial Analysis (with Arsalan Hussain, Kinza Emad, Abubakar Memon), September 2019 to March 2021.
13. **Oxfam GB/Indus Consortium, Team Lead:** Access to Quality Health Services at Public Facilities and National and Provincial Health Budget Analysis and Financing, June 29, 2018 – June 2019.
14. **UNESCO, International Institute for Educational Planning (IIEP), Paris, France, Lead Economist:** Equitable Access to Education and Out of School Children in Sindh (for Sindh Education Sector Plan), June 12, 2018 – July 31, 2018.
15. **Tetra Pak Pakistan, Team Lead:** Emergence of Pakistan's Dairy Sector: Achievements and Constraints, December 2017 to May 2019 (with Mushtaq A. Khan).
16. **UNICEF, Pakistan, Team Lead:** Preparing of Monitoring and Evaluation Policy for Punjab (with M.

- Usman Khan, Khurram Jilani), April 2017 to December 2017.
17. **UNICEF, Pakistan, Team Lead:** Rapid Assessment/Research for Identification of Contributing Factors Related to Alarming High Wasting Rates in Certain Districts of Punjab (with Ayaz Qureshi), April 2017 to February 2018.
  18. **UNICEF, Pakistan, Team Lead:** Out-of-School Children in Pakistan (with Abubakar Memon), December 2016 to April 2017.
  19. **UNICEF, Pakistan, Team Lead:** Access to Education and Social Cohesion in Conflict-Ridden Areas: End-line Study and Review of Outcome 4 Activities in KP, Balochistan and Sindh (with Syed Muhammad Hussain and Rashid Memon), January 2016 to October 2016.
  20. **Pakistan Microfinance Network (PMN), Team Lead:** Impact Evaluation of Microfinance in Pakistan (with Syed Muhammad Hussain, Rashid Memon and Ayaz Qureshi), April 2015 to June 2018.
  21. **Japan International Cooperation Agency (JICA), Team Lead:** Boosting FDI Inflows to Pakistan: What Can Policy Makers Do? (With Syed Muhammad Hussain), September 2015 to January 2016).
  22. **Tetra Pak Pakistan, Team Lead:** Economics of Milk Production in Pakistan and the Role of UHT Milk Processing Industry, August 15, 2014 – June 30, 2015.
  23. **International Growth Centre, London School of Economics, London, Team Lead:** Competitive grant on “Pakistan KLEMS Database and Productivity Measurement at the Industry Level” (with Mushtaq Khan and Syed Muhammad Hussain), August 2014 to July 2015.
  24. **IFPRI/Pakistan Strategy Support Program/Planning Commission, Islamabad, Team Lead:** Pakistan KLEMS Database and Productivity Measurement at the Industry Level (with Mushtaq Khan and Syed Muhammad Hussain), August 2014 to January 2016.
  25. **UNICEF, Pakistan, Team Lead:** Out of School Children Survey and Study in Gilgit-Baltistan and Azad Jammu and Kashmir (with Usman Khan, and Hina Sheikh), August 2014 – January 2016.
  26. **Federal Board of Revenue (FBR), Islamabad & Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Team Lead:** Tax Compliance and Measures to Counter Tax Evasion in Pakistan: Sector Analysis for Cement, Sugar, Beverages, and Paper and Paper Board, July 14, 2014 – November 13, 2014.
  27. **Ministry of Commerce, GoP, Team Lead:** Written Test for Selection of Trade Officers for Pakistan’s Foreign Missions, Islamabad, July 2005 – present.
  28. **Oxfam GB, Team Lead:** Study on “Inequality in Pakistan” (with Khalid Mir and Rashid Memon), June – November 2014.
  29. **Indus Motor Company, Karachi, Team Lead:** Study on “Consumer Preferences for Sales and Service Operations of 3S Dealerships”, November 6, 2012 to December 2014 (one study every six months).
  30. **UNICEF, Islamabad, Team Lead:** Country study on “Out of School Children in Pakistan” (with Usman Khan and Hina Sheikh), March 24, 2012 – December 15, 2012.
  31. **UNICEF, Islamabad:** Study on “Situation Analysis of Children and Women in Pakistan, 2011” (with William Lee, M. Usman Khan et al.), June 15, 2011 to January 15, 2012.
  32. **London School of Economics, International Growth Centre, London, Team Lead:** Study on “Agglomeration Economies and their Effects on Productivity and Efficiency of Manufacturing Firms: Evidence from Pakistan” (with Dr. Mushtaq Khan), January 30 – October 30, 2011.
  33. **Lahore University of Management Sciences, Faculty Initiative Fund 2011:**
  34. Research grant “Critical Issues in Pakistan's Industry.” With Kamal A. Munir, S.M. Turab Hussain, Mushtaq A. Khan, M. Usman Khan.
  35. **World Bank/Ministry of Industries and Production, Government of Pakistan, Islamabad:** Research study “Implementation Mechanism for Industrial Policy 2010 (with Kamal Munir, Usman Khan, Tasneem Noorani, Shaukat Hameed Khan, and Masood Akhtar. November 2010 – August 2011.
  36. **South Asia Network for Economic Research Institutions (SANEI), Dhaka, Team Lead:** Research grant on the study “Exploring the Links between inequality, polarization and poverty: Empirical

- Evidence from Pakistan." January to December 2010.
37. **World Bank, Washington, D.C. and Ministry of Industries, Government of Pakistan:** Study on "Industrial policy, its spatial aspects and cluster development in Pakistan" (with Kamal Munir, Mushtaq Khan, S.M. Turab Hussain, M. Usman Khan), 21<sup>st</sup> April 2010, to 30<sup>th</sup> December 2010.
  38. **Agribusiness Support Fund (ASF), Ministry of Food, Agriculture and Livestock, Government of Pakistan, Team Lead:** Study on "Program Evaluation of Agribusiness Support Fund: Estimating the Effects of Treatment on Farmer Groups, Agribusinesses and BDS Market in Pakistan." June 2009–November 2009.
  39. **SME Business Support Fund (BSF), Ministry of Finance, Government of Pakistan:** Study on "Impact Assessment of Business Support Fund's Program Support in Pakistan." May 2009–July 2009.
  40. **International Centre for Trade and Sustainable Development (ICTSD), Geneva:** Team Leader on the study "Opportunities and Risks of Liberalizing trade in Services: A Case Study of Pakistan" (with S.M. Turab Hussain), June 2006 to April 2007.
  41. **Nestle Pakistan, Lahore:** Research grant on the study "Structure of Dairy Production and Socioeconomic Impacts of Milk Collection by the Processing Industry: A Case Study of Pakistan's Rural Punjab" (with Mushtaq A. Khan), August 2005 – October 2007.
  42. **World Bank, Islamabad:** Team Leader on the study "Pakistan-India Trade: Prospects of Wheat and Sugar Trade between Pakistan and India" (with Mushtaq Khan and S.M. Turab Hussain), January 2005– March 2006.
  43. **Indus Motor Company, Karachi:** Team Leader on the study on "Re-verification of Demand for New Cars in Pakistan," (with Mushtaq Khan), February 2006 – June 2006.
  44. **Indus Motor Company, Karachi:** Team Leader, study on "Empirical Relationship between Demand for New and Used Cars in Pakistan," (with Dr. Mushtaq Khan), December 2004 – July 2005.
  45. **World Bank, Washington, D.C.:** Team member, research project on "The Wheat Industry in Pakistan: Policy Liberalization, Economic Efficiency and Poverty Impacts" (with Mushtaq Khan, and Faisal Bari, 2002 – 2006).
  46. Research project on "Collecting Historical Annual Accounts Firm-level Data of Listed and Non-Listed Companies in Pakistan." Researchers from LUMS: Abid A. Burki (Team Leader), Anjum Nasim, Ali Cheema and Mushtaq A. Khan. Other Researchers: Bilal Zia, MIT (Team Leader), Asim Khwaja, Harvard Univ., Atif Mian, U of Chicago. July 2004 – April 2005
  47. **Indus Motor Company, Karachi:** Team Leader, research project on "Estimating Consumer Demand for Automobiles in Pakistan" (with Mushtaq Khan), November 2003 – December 2004.
  48. **Tetra Pak, Pakistan:** Team Leader, research project on "The State of Pakistan's Dairy: A Preliminary Assessment" (with Mushtaq A. Khan and Faisal Bari), May 2003 – March 2004.
  49. **World Bank, Washington, D.C.:** Team Leader on short-term consulting assignment to Collect Services Sector Data, November 2001 – April 2002.
  50. **LEAD-Pakistan:** Consultant, September 1998–January 2002.
  51. **Quaid-i-Azam University, Islamabad:** Research Grant, Faculty of Social Sciences, 2000 – 2002
  52. **Planning Commission, Government of Pakistan, Islamabad:** Team member Research Project on "Price and Demand Elasticities of Agricultural, Industrial and Energy Products", 1998 – 1999 (with M.A. Chaudhary, Eatzaz Ahmad and Mushtaq A. Khan).
  53. **Actionaid Pakistan:** Research project on Poverty in Pakistan, July – December 1998.
  54. **Quaid-i-Azam University, Islamabad:** Research grant, Faculty of Social Sciences, , 1997 – 98
  55. **National Scientific Research and Development Board, University Grants Commission, Islamabad,** 1991 – 92
  56. **National Manpower Commission, Government of Pakistan & Friedrich Ebert Stiftung, Islamabad:** Research project on Skill Generation and Entrepreneurship Development under Ustad-Shagird System in Pakistan. Islamabad, 1989.

## RESEARCH PUBLICATIONS:

### Published Case:

Ashfaq, H., Fazal J. Seyyed, Abid A. Burki (2018). *Corporate Dairy Farm: Performance Evaluation & Feasibility Analysis*, CRC Number 02-647-2018-1, Case Research Center, Lahore University of Management Sciences, Lahore.

### Published Op-ed Essays/Blogs:

Burki, Abid A. (2023). How to Improve Pakistan's Crop Agriculture? *Dissent Today*, Opinion, April 18. <https://Dissenttoday.net/opinion>

Burki, Abid A. (2023). Evidence-based Interventions to Prevent Childhood Undernutrition in Pakistan's Punjab. Blog: Pakistan Dialogues, Mahbub ul Haq Research Centre (MHRC), Lahore University of Management Sciences, Lahore, 18<sup>th</sup> March. <https://mhrc.lums.edu.pk>

Burki, Abid A., S. Ahmad, M. Raza Mustafa Khan (2022). Drivers of Crop Agricultural Productivity Growth in Pakistan. Blog: Pakistan Dialogues, Mahbub ul Haq Research Centre (MHRC), Lahore University of Management Sciences, Lahore, 28<sup>th</sup> October. <https://mhrc.lums.edu.pk>

Burki, Abid A., Verda Arif, M. Abubakar Memon (2022). Sensitivity of Crop Yield and Productivity to Climate in Punjab. Blog: Pakistan Dialogues, Mahbub ul Haq Research Centre (MHRC), Lahore University of Management Sciences, Lahore, 28<sup>th</sup> October. <https://mhrc.lums.edu.pk>

Burki, Abid A., A. Hussain, Kinza E. Khan (2021). Why Do Income and Wealth Inequalities Matter for Pakistan? Blog: Pakistan Dialogues, Mahbub ul Haq Research Centre (MHRC), Lahore University of Management Sciences, Lahore, 9 July. <https://mhrc.lums.edu.pk/>

Burki, Abid A. (2021). Rising Wage Inequality in Pakistan, *Daily Express Tribune*, Opinion, June 29. <https://tribune.com.pk/story/2307789/rising-wage-inequality-in-pakistan>

### Papers in Academic Journals:

Burki, Abid A., A. Hussain, Kinza E. Khan (2023). Evaluating Yield Gaps and Yield Improvement Potential in the Dairy Sector of Pakistan's Punjab. *Pakistan Development Review*, 61(4), 603 – 619. [DOI: 10.30541/v61i4pp.603-620](https://doi.org/10.30541/v61i4pp.603-620)

Khan, Haris, Choudhry Tanveer Shehzad, Abid Aman Burki (2022). Income Inequality and Firm Ownership Concentration, SSRN, December. <http://dx.doi.org/10.2139/ssrn.3488010>

Ahmad, S., S. Shankar, J. Steen, M.-L. Verreynne, Abid A. Burki (2021). Using measures of efficiency for regionally targeted smallholder policy intervention: The case of Pakistan's horticulture sector, *Land Use Policy*, 101, February. <https://doi.org/10.1016/j.landusepol.2020.105179>. Elsevier, Inc.

Ahmad, S., Abid A. Burki (2016). Banking Deregulation and Allocative Efficiency in Pakistan. *Applied Economics*, 48(13), 1182 – 1196. Routledge, Taylor & Francis Group. <http://www.tandfonline.com/doi/pdf/10.1080/00036846.2015.1096001>

Burki, Abid A. (2015). Group-Based BDS Matching Grants and Farm-level Outcomes in Pakistan. *Journal of Development Effectiveness*. 7(1), 43 – 63. Routledge, Taylor & Francis Group. <http://dx.doi.org/10.1080/19439342.2014.959033>.

Burki, Abid A., Mushtaq A. Khan, Sobia Malik (2015). From Chronic Disease to Food Poverty: Evidence from Pakistan, *Pakistan Development Review*, 54(1), 17 – 33. <http://www.pide.org.pk/pdf/PDR/2015/Volume1/17-33.pdf>

Hanjoon M. Jung, Abid A. Burki, Mushtaq A. Khan (2012). Supply of Dairy Products in Developing Countries. *Economics Bulletin*, 32(4), 3213-3223. <http://www.accessecon.com/Pubs/EB/2012/Volume32/EB-12-V32-I4-P308.pdf>

Burki, Abid A., Mushtaq A. Khan (2011). Formal Participation in a Milk Supply Chain and Technical Inefficiency of Smallholder Dairy Farms in Pakistan. *Pakistan Development Review*, 50(1), 63-81. [https://www.researchgate.net/publication/254441709\\_Formal\\_Participation\\_in\\_a\\_Milk\\_Supply](https://www.researchgate.net/publication/254441709_Formal_Participation_in_a_Milk_Supply)

[Chain and Technical Inefficiency of Smallholder Dairy Farms in Pakistan](#)

- Burki, Abid A., Shabbir Ahmad (2011). The Impact of Bank Governance on Bank Performance in Pakistan. *Lahore Journal of Economics*, 16, 271–300.  
[http://121.52.153.179/JOURNAL/LJE%2016%20se/12%20Abid\\_Burki%20Shabbir\\_Ahmad%20-%2017th%20Septem.pdf](http://121.52.153.179/JOURNAL/LJE%2016%20se/12%20Abid_Burki%20Shabbir_Ahmad%20-%2017th%20Septem.pdf)
- Burki, Abid A. (2011). Industry Agglomeration and Spillovers in Pakistan's Manufacturing. *Social Science and Policy Bulletin*, 2(3), 19 – 24.
- Burki, Abid A., G.S.K. Niazi (2010). Impact of Financial Reforms on Efficiency of State-owned, Private and Foreign Banks in Pakistan. *Applied Economics*. **42**(24), 3147–3160. Routledge, Taylor & Francis Group.  
<http://www.tandfonline.com/doi/abs/10.1080/00036840802112315>
- Burki, Abid A., Shabbir Ahmad (2010). Bank Governance Changes in Developing Countries: Is There a Performance Effect? *Journal of Economics and Business*. **62**(2), 129–146. Elsevier, Inc.  
<http://www.sciencedirect.com/science/article/pii/S0148619509000538>
- Burki, Abid A., Mahmood-ul-Hasan Khan (2004). Effects of Allocative Inefficiency on Resource Allocation and Energy Substitution in Pakistan's Manufacturing. *Energy Economics*, **26**(3), 371–388. Elsevier, Inc.  
<http://www.sciencedirect.com/science/article/pii/S0140988304000222>
- Burki, Abid A., Mushtaq A. Khan and Faisal Bari (2004). The State of Pakistan's Dairy Sector: An Assessment. *Pakistan Development Review*. **43**(2), 149–174.  
<http://www.pide.org.pk/pdf/PDR/2004/Abid%20A.%20Burki.pdf>
- Khan, Mahmood-ul-Hasan, Abid A. Burki (1999). Technical Change and Substitution Possibilities in Pakistan's Large-scale Manufacturing: Some New Evidence. *Pakistan Economic and Social Review*. **37**(2), 123–138.
- Burki, Abid A. (1999). Efficiency Wages in Pakistan's Small-Scale Manufacturing. *Lahore Journal of Economics*. **4**(1), 1–22.
- Burki, Abid A., and Dek Terrell (1998). Measuring Production Efficiency of Small Firms in Pakistan. *World Development*. **26** (1), 155–169. Elsevier Inc.  
<http://www.sciencedirect.com/science/article/pii/S0305750X97001228>
- Burki, Abid A., and Haq Nawaz Shah (1998). Stochastic Frontier and Technical Efficiency of Farms in Irrigated Areas of Pakistan's Punjab. *Pakistan Development Review*. **37**(3), 275–291.  
<http://www.pide.org.pk/pdf/PDR/998/Volume3/275-291.pdf>
- Burki, Abid A., Mushtaq A. Khan, and Bernt Bratsberg (1997). Parametric Tests of Allocative Efficiency in the Manufacturing Sectors of India and Pakistan. *Applied Economics*. **29**(1), 11– 22. Routledge, Taylor & Francis Group. <http://www.tandfonline.com/doi/abs/10.1080/000368497327353>
- Burki, Abid A. (1997). Estimating Consumer Preferences for Food Using Time Series Data of Pakistan. *Pakistan Development Review*. **36**(2), 131–153.  
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.594.6765&rep=rep1&type=pdf>
- Khan, Mahmood-ul-Hasan and Abid A. Burki (2000). Estimating Allocative Efficiency and Elasticities of Substitution in the Large-scale Manufacturing Sector of Pakistan. *Pakistan Journal of Applied Economics*. **16** (1 & 2), 49–63.
- Burki, Abid A., and Shirin Aslam (2000). The Role of Digital Technology and Regulations in the Diffusion of Mobile Phones in Asia. *Pakistan Development Review*. **39** (4), 741–748.  
<http://www.pide.org.pk/pdf/PDR/200/Volume4/741-750.pdf>
- Chaudhary, M.A., E. Ahmad, Abid A. Burki and Mushtaq A. Khan (1999). Industrial Sector Input Demand Responsiveness and Policy Interventions. *Pakistan Development Review*. **38**(4), 1083–1099.  
[https://www.researchgate.net/publication/24046141\\_Industrial\\_Sector\\_Input\\_Demand\\_Responsiveness\\_and\\_Policy\\_Interventions](https://www.researchgate.net/publication/24046141_Industrial_Sector_Input_Demand_Responsiveness_and_Policy_Interventions)
- Burki, Abid A., and Tazin Fasih (1998). Household's Non-leisure Time Allocation for Children and Determinants of Child Labour in Pakistan. *Pakistan Development Review*. **37**(4), 899–914.  
<http://www.pide.org.pk/pdf/PDR/1998/Volume4/899-914.pdf>

- Burki, Abid A., and Uzma Afaqi (1996). Pakistan's Informal Sector: Review of Evidence and Policy Issues. *Pakistan Journal of Applied Economics*. **12**(1), 1-30.
- Burki, Abid A. (1995). Review of Efficiency Wage Models of Labor Market: Theory and Evidence. *Asia-Pacific Development Journal*. **2** (2), 73-90.
- Burki, Abid A., and Nabila Iqbal (1994). Review of Agricultural Pricing Policies in Pakistan: The Choice for a Just Price. *Asia-Pacific Development Journal*. **1**(2): 91-105.
- Burki, Abid A., and Ubaidullah (1992). Earnings, Training and Employment in Gujranwala's Urban Informal Sector: Evolution or Involution. *Pakistan Economic and Social Review*. **30** (1), 49-66.
- Burki, Abid A., and Qaisar Abbas (1991). Earnings Functions in Pakistan's Urban Informal Sector: A Case Study. *Pakistan Development Review*. **30** (4) part II, 695-703.
- Burki, Abid A. (1990). Educational Opportunities and Higher Education in Pakistan. *Government College Economic Journal*. **23** (1&2), 59-71.
- Burki, Abid A. (1989). Urban Informal Sector in Pakistan: Some Selected Issues. *Pakistan Development Review*. **28** (4) part II, 911-924.
- Burki, Abid A. (1989). Economic Regulation and the Consequences of Regulatory Reforms in Motor Carrier Industry in the U.S. *Pakistan Journal of American Studies*. **7** (1), 48-62.
- Burki, Abid A. (1986). Utilitarianism of J.S. Mill: A Criticism. *Pakistan Journal of Social Sciences*. **12**: 109-118.

### **Professional Reports**

- Burki, Abid A., M. Abubakar Memon, Mehreen Fahad (2023). *Determining the Health Costs of Inadequate, Water, Sanitation, and Hygiene in Pakistan*. WaterAid Pakistan, Islamabad, April, 57 pages.
- World Bank Group (2022). (Core Team members: Gonzelo J. Verela, Zehra Aslam, Abid Burki et al.). *From Swimming in Sand to High and Sustainable Growth: A Roadmap to Reduce Distortions in the Allocation of Resources and Talent in the Pakistani Economy*. Pakistan Economic Memorandum. World Bank, Washington, DC, 224 pages.  
<https://openknowledge.worldbank.org/handle/10986/38133>
- Burki, Abid A., Shabbir Ahmad, M. Raza Mustafa Khan (2022). Recent Trends and a Decomposition of District-level Crop Agriculture Productivity in Pakistan. Background paper for Chapter 4 of the report titled "From Swimming in Sand to High and Sustainable Growth: A Roadmap to Reduce Distortions in the Allocation of Resources and Talent in the Pakistani Economy." Pakistan's Country Economic Memorandum, World Bank, Washington, DC. <http://hdl.handle.net/10986/38133>
- Burki, Abid A., Verda Arif, Abubakar Memon (2022). Sensitivity of Crop Yield and TFP to Extreme Weather Events in Pakistan's Punjab. Background paper for Chapter 4 of the report titled "From Swimming in Sand to High and Sustainable Growth: A Roadmap to Reduce Distortions in the Allocation of Resources and Talent in the Pakistani Economy." Pakistan's Country Economic Memorandum, World Bank, Washington, DC. <http://hdl.handle.net/10986/38133>
- Burki, Abid A. et al. (2022). Baseline Survey on Early Childhood Care and Education (ECCE) for Education Component of Punjab Human Capital Investment Project (PHCIP), World Bank and Punjab School Education Program (PMIU), Government of the Punjab, Lahore, August 242p
- Burki, Abid A., Talat Anwar (2022). *Ehsaas Nashonuma Operations Review, 2<sup>st</sup> Quarter Report*, GAT Consulting, Lahore and Benazir Income Support Program (BISP), Islamabad, July 135p.
- Burki, Abid A., Talat Anwar (2022). *Ehsaas Nashonuma Operations Review, 1<sup>st</sup> Quarter Report*, GAT Consulting, Lahore and Benazir Income Support Program (BISP), Islamabad, May, 125p.
- Burki, Abid A., Amara Ashfaq, Asim Jaffry (2022). *Pitfalls of Restoring Energy Security with Coal Power Plants in Pakistan*, Fair Finance Pakistan, Phnom Penh, Cambodia, May.
- Burki, Abid A. (2022). *Relative Importance of Risk Factors of Stunting, Underweight and Wasting in Under Five Children in Punjab: Evidence from the MICS Data*, Punjab Bureau of Statistics and UNICEF Pakistan, Lahore, April.

- Burki, Abid A. (2021). *Strengthening Sustainable Finance in Pakistan: A Scoping Review towards Institutionalizing the Fair Finance Pakistan*, Phnom Penh, Cambodia, August.
- Burki, Abid A., Arsalan Hussain, Kinza Emad Khan (2021). *Unlocking Potential to Close the Yield Gap of Dairy Farms in Punjab, Pakistan*, Tetra Pak Pakistan, Lahore, April.
- Burki, Abid A., Arsalan Hussain, Kinza Emad Khan (2020). *Exploring the Extent of Selected Dimensions of Inequality in Pakistan*, Oxfam GB, December.
- Burki, Abid A., Arsalan Hussain, Kinza Emad Khan (2019). *Access to Quality Health Services at Public Facilities and Healthcare Financing in Pakistan*. Oxfam GB, July.
- Burki, Abid A., Mushtaq A. Khan (2019). *Economic Impact of Pakistan's Dairy Sector: Lessons for Building Sustainable Value*, Tetra Pak Pakistan & LUMS, Lahore, October, 208 pages. [https://www.researchgate.net/publication/339875315 Economic Impact of Pakistan's Dairy Sector Lessons for Building Sustainable Value](https://www.researchgate.net/publication/339875315_Economic_Impact_of_Pakistan's_Dairy_Sector_Lessons_for_Building_Sustainable_Value)
- Burki, Abid A., Ayaz Qureshi (2018). *Identification of Contributing Factors for Alarming High Wasting Rates in Certain Districts of Punjab*, UNICEF Pakistan, Lahore, November, 66 pages.
- Burki, Abid A., S.M. Hussain, R. Memon, A. Qureshi (2018). *Impact Assessment of Microfinance in Pakistan, Pakistan Microfinance Network (PMN)*, Islamabad, March, 109 pages.
- UNICEF (2018). *Out of School Children in Pakistan and its Provinces* (by Abid Burki), UNICEF Pakistan.
- UNICEF (2016). *Access to Education and Social Cohesion in Pakistan: Findings from the end-line study* (by Abid A. Burki, Syed Muhammad Hussain, Rashid Memon, Ayaz Qureshi), UNICEF Pakistan, Islamabad.
- Burki, Abid A., Mushtaq A. Khan (2016). *Pakistan's Dairy Sector: Lessons from the Past to Build a Resilient Dairy Industry*, Lahore University of Management Sciences, Lahore. June. 115 pages.
- Burki, Abid A., Syed Muhammad Hussain, Mushtaq Khan (2016). *Pakistan KLEMS Database and Productivity Measurement at the Industry Level*, Pakistan Strategy Support Funds, Islamabad & International Growth Center, London, February.
- UNICEF (2016). *Profiling out of school children in Gilgit-Baltistan* (by Abid A. Burki, M. Usman Khan, Abubakar Memon, and Hina Shaikh), UNICEF Pakistan, Islamabad, December.
- UNICEF (2016). *Profiling out of school children in Azad Jammu & Kashmir* (by Abid A. Burki, M. Usman Khan, Abubakar Memon and Hina Shaikh), UNICEF Pakistan, Islamabad, December.
- Burki, Abid A., Syed Muhammad Hussain (2016). *Boosting FDI Inflows to Pakistan: What Can Policy Makers Do?* Japan International Cooperation Agency (JICA), February.
- Khan, M. Usman, Abid A. Burki (2015). *Advocacy to Strengthen Demand for Economic Reforms: Midline Perception Survey Report*, Adam Smith International, 46 pages.
- Burki, Abid A., Rashid Memon, Khalid Mir (2015). *Multiple Inequalities and Policies to Mitigate Inequality Traps in Pakistan*, Lahore University of Management Sciences & Oxfam GB, Lahore & Islamabad.
- Burki, Abid A., Syed Muhammad Hussain, Mushtaq A. Khan (2014). *Tax Compliance and Measures to Counter Tax Evasion in Pakistan: Sector Analysis for Sugar, Cement, Paper & Paper Board, and Beverage Industries*. Sector reports prepared for Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and Federal Board of Revenue (FBR).
- Burki, Abid A., and Abubakar Memon (2014). *Consumer Preferences for Sales and Service Operations of Toyota 3S Dealerships Wave 11*. A report for Indus Motor Company, Karachi.
- UNICEF (2013). *Out-of-School Children in the Balochistan, Khyber Pakhtunkhwa, Punjab and Sindh Provinces of Pakistan* (by Abid A. Burki, M. Usman Khan, Hina Shaikh, Abubakar Memon). Global Initiative on Out-of-School Children, Pakistan Country Office, Unicef, Islamabad.
- UNICEF (2012). *Situation Analysis of Children and Women in Pakistan* (by William Lee, Abid A. Burki, Usman Khan et al.). UNICEF Pakistan, Islamabad.
- Burki, Abid A., Omar H. Gondal, Abubakar Memon (2012). *Consumer Preferences for Sales, Service Operations and Product Quality of Toyota 3S Dealerships in Pakistan*. A report for Indus Motor Company, Karachi.



- Burki, Abid A., Mushtaq A. Khan and Sobia Malik (2012). *From Chronic Disease to Food Poverty: Empirical Evidence from the Panel Data of Pakistan*. Development Policy Research Centre, Lahore University of Management Sciences, Lahore.
- Burki, Abid A., Mushtaq A. Khan (2011). *Agglomeration Economies and their Effects on Productivity and Efficiency of Manufacturing Firms: Evidence from Pakistan*, International Growth Centre, London School of Economics, London.
- Burki, Abid A (2011). *National Industrial Policy Implementation Mechanism, 2011* (with Kamal A. Munir, Mohammad Usman Khan, Tasneem Noorani, Shaukat Hameed Khan and Masud Akhtar). Ministry of Industries and Production, Government of Pakistan, Islamabad, June.
- Burki, Abid A., Kamal Munir, Mushtaq A. Khan, Usman Khan, Adeel Faheem, Ayesha Khalid, S. Turab Hussain (2011). *Industrial Policy, its Spatial Aspects and Cluster Development in Pakistan, Vol.1 & Vol. II*, A Report commissioned by the World Bank and the Ministry of Industries and Production, Government of Pakistan, Islamabad. 384 pages.
- Burki, Abid A. (2011). *Exploring the Links between Inequality, Polarization and Poverty: Empirical Evidence from Pakistan*. SANEI Working Paper Series No.11/04. 47 pages.
- Burki, Abid A. (2010). *Program Evaluation of Agribusiness Support Fund: Estimating the Effects of Treatment on Farmer Groups, Agribusinesses and BDS Market in Pakistan*. Lahore: Lahore University of Management Sciences. March, 113 pages.
- Burki, Abid A. (2009). *Impact Assessment of Business Support Fund's Program Support in Pakistan*. Lahore: Lahore University of Management Sciences. 77 pages.
- Burki, Abid A., Mushtaq A. Khan (2007). *The Impact of Nestlé's Milk District Model on Efficiency and Welfare of Smallholder Dairy Producers in Pakistan*. Report submitted to Nestle Pakistan, 81 pages. Lahore University of Management Sciences, Lahore (mimeo.).
- Burki, Abid A., S.M. Turab Hussain (2007). *Opportunities and Risks of Liberalizing Trade in Services in Pakistan*. ICTSD Trade in Services and Sustainable Development Series Issue Paper No. 7, Geneva. 1-48.
- Khan, Mushtaq A., Abid A. Burki, and Faisal Bari (2006). *The Wheat Industry in Pakistan: Policy Liberalization, Economic Efficiency and Poverty Impacts*. Report submitted to World Bank, Washington, D.C. March.
- Burki, Abid A., Mushtaq A. Khan (2006). *Forecasting Demand for New Cars in Pakistan*. Lahore: Lahore University of Management Sciences, 44 pages.
- Burki, Abid A., Mushtaq A. Khan, and S.M. Turab Hussain (2005). *Pakistan-India Trade: Prospects of Wheat and Sugar Trade between Pakistan and India*. Research Report for the World Bank, Islamabad Office, 84 pages.
- Burki, Abid A., and Mushtaq A. Khan (2005). *Empirical Relationship between the Demand for New and Used Cars in Pakistan*. Lahore: Lahore University of Management Sciences, 67pages.
- Burki, Abid A., and Mushtaq A. Khan (2005). *Price and Demand Analysis of New Automobiles in Pakistan*. Lahore: Lahore University of Management Sciences, January, 123 pages.

#### **Recent Conference Presentations:**

- Burki, Abid A. (2022). Crop Agricultural Productivity Growth and Losses Due to Climate Change in Pakistan. International Conference on "Pathways to Development: Equitable and Sustainable Growth in Pakistan." Lahore University of Management Sciences, Lahore, December 19 – 21.
- Burki, Abid A., Mushtaq A. Khan, Syed Muhammad Hussain, M. Raza Mustafa Khan (2021). Structural Change in Pakistan using Pakistan KLEMS Database, 1980 – 2010, The Sixth World KLEMS Conference, Harvard University, Department of Economics, 17<sup>th</sup> March, 2021.

- Burki, Abid A., Verda Arif (2019). Impact of Weather Changes on Productivity in the Crop Sector of Pakistan, paper presented in the Fifth Asian KLEMS Conference, Tsinghua China Data Center, Tsinghua University, Beijing, 14 – 15 October.
- Burki, Abid A., Mushtaq A. Khan (2019). Output and Productivity Growth Performance in Pakistan at the Industry level, 1980 – 2010, paper presented in the Fifth Asian KLEMS Conference, Tsinghua China Data Center, Tsinghua University, Beijing, 14 – 15 October.
- Khalid, U., M. Iqbal, Abid A. Burki (2019). Trade Liberalization and Firm Productivity in the Manufacturing Sector of Pakistan, Paper presented in the 19<sup>th</sup> European Workshop on Efficiency and Productivity Analysis (EWEPA), London, 11 – 13 June.
- Burki, Abid A., S.M. Hussain, Mushtaq A. Khan (2018). Structural Change in Pakistan’s Economy based on KLEMS Data, 1980 – 2010, 12<sup>th</sup> Asia-Pacific Productivity Conference, Seoul: Korean National University, South Korea, July 4 - 6.
- Burki, Abid A., S.M. Hussain, R. Memon (2017). Does Repeated Borrowing Help Explain the Impact of Microfinance? New Evidence from Pakistan, Paper presented in the Singapore Economic Review Conference 2017, Singapore, August 2 - 4.
- Burki, Abid A., Mushtaq A. Khan (2017). Pakistan KLEMS Database and Productivity Measurement at the Industry Level, Fourth Asia KLEMS Conference, Hitotsubashi University, Tokyo, 31<sup>st</sup> July – 1<sup>st</sup> August.
- Burki, Abid A. (2017). The Dynamic of Inequality in Pakistan. Paper presented in the 11<sup>th</sup> Humanities and Social Sciences Conference, Lahore University of Management Sciences, Lahore, 7 – 9<sup>th</sup> April.
- Burki, Abid A. (2017). Industrial Agglomeration in Punjab, Punjab Economic Forum, Organized by the Planning and Development Department, Government of the Punjab, April 3 – 4.
- Burki, Abid A., Syed Muhammad Hussain, Mushtaq A. Khan (2016). Pakistan KLEMS Database and Productivity Measurement at the Industry Level, paper presented in the 2<sup>nd</sup> Hitotsubashi Summer Institute on the Economics of Services: Micro foundations, Measurement and Productivity Policy, Organized by Hitotsubashi Institute for Advanced Study, Hitotsubashi University, Tokyo, 4<sup>th</sup> to 5<sup>th</sup> August.
- Burki, Abid A., Mushtaq A. Khan (2016). Do Agglomeration Economies Affect Productivity and Technical Inefficiency of Manufacturing Firms in Pakistan? Asia-Pacific Productivity Conference, Nankai University, Tianjin, China, 8 – 10 July.
- Burki, Abid A., Syed Muhammad Hussain, Mushtaq A. Khan (2016). Pakistan KLEMS Database and Productivity Measurement at the Industry Level, Asia-Pacific Productivity Conference, Nankai University, Tianjin, China, 8 – 10 July.
- Burki, Abid A., Syed Muhammad Hussain, Mushtaq A. Khan (2016). Measuring Firms’ Sales Tax Evasion with the Stochastic Frontier Approach, Asia-Pacific Productivity Conference, Nankai University, Tianjin, China, 8 – 10 July.
- Burki, Abid A. (2016). Conference Chair Plenary Session on Peace and Education: Meeting the SDG Agenda, South Asia Regional Symposium on Sustainable Peace and Education, Colombo, Sri Lanka, 27<sup>th</sup> May.
- Burki, Abid A. (2015). Measurement of Agricultural Productivity in Asia: An Overview. Workshop on Agricultural Productivity Measurement, Organized by Asian Productivity Organization (APO), Tokyo and National Iranian Productivity Organization (NIPO), Tehran: 22 – 26 August, Tehran.
- Ahmad, Shabbir, Abid A. Burki (2013). Financial Deregulation and Allocative Efficiency in Banking, Asia-Pacific Conference 2013, Ritsumeikan Asia Pacific University, Beppu, Oita, Japan, November 2 – 3.
- Burki, Abid A., Mushtaq A. Khan (2012). Agglomeration Economies and their Effects on Technical Inefficiency of Manufacturing Firms: Evidence from Pakistan. Paper presented in the 41<sup>st</sup> Australian Conference of Economists, Victoria University, Melbourne: July 8 – July 12.
- Burki, Abid A., Mushtaq A. Khan (2011). The Effect of Agglomeration Economies on Productivity and Efficiency of Manufacturing Firms, Paper in the XII European Workshop on Efficiency and Productivity Analysis, Verona, Italy: June 22 – 24.

## RECENT INVITED TALKS, PRESENTATIONS AND PANELS

- Burki, Abid A. (2022). Lead panelist, Institute of Business Administration (IBA), Karachi, Rethinking Development: Institutions and Technology, 2<sup>nd</sup> Annual International Conference, School of Economics and Social Sciences, Karachi, March 25.
- Burki, Abid A. (2021). Lead panelist, Pakistan Institute of Development Economics (PIDE) Pre-Budget Webinar, 21<sup>st</sup> May.
- Burki, Abid A. (2020). The Extent of Selected Dimensions of Inequality in Pakistan, **Distinguished Speaker Seminar Series**, Center for Business and Economic Research, Institute of Business Administration (IBA), Karachi, 2<sup>nd</sup> October.
- Burki, Abid A. (2019). Issues and Challenges Confronting Pakistan's Economy, Distinguished Lecture at 100 Years of Economics Department, University of the Punjab, Lahore, 9<sup>th</sup> November 2019.
- Burki, Abid A. (2018). The Dynamics of Income Inequality in Pakistan, Keynote Address: 2<sup>nd</sup> FCCU Economics Research Conference on "Growth, Governance and Socioeconomic Gaps, Forman Christian College University, Lahore, 10<sup>th</sup> May.
- Burki, Abid A. (2017). Industrial Agglomeration in Punjab, Panellist in Punjab Economic Forum 2017, Technical Session V: Industrial and Urban Development, Planning & Development Department, Government of the Punjab, Lahore.
- Burki, Abid A. (2016). Challenges in the Agriculture Sector and the Role of CPEC. Invited panel in 32<sup>nd</sup> Annual General Meeting and the Conference of the Pakistan Society of Development Economists (PSDE), Islamabad: 15<sup>th</sup> December.
- Burki, Abid A. (2014). Economic Challenges to Business and Industry in Pakistan, Talk given to trainees of the Royal College of Defense Studies, Defense Academy of the United Kingdom, London.
- Burki, Abid A. (2014). Panel on "Industrial Development in Pakistan. In 14<sup>th</sup> Senior Management Course, National Management College, Lahore: May 9.
- Burki, Abid A. (2013). Challenges of Industrialization in Pakistan. Invited lecture in the 95<sup>th</sup> National Management Course for government officers in promotion zone of BS-21. National Management College, National School of Public Policy, Government of Pakistan, Lahore, December 17.
- Burki, Abid A. (2012). Panel on "Industrial Development in Pakistan. in 12<sup>th</sup> Senior Management Course, National Management College, Lahore: December 31.
- Burki, Abid A. (2012). Presentation on "Situation Analysis of Children & Women in Pakistan." Launching Ceremony of the Situation Analysis Report, Planning Commission, Islamabad, December 12.
- Burki, Abid A. (2012). Agglomeration Economies and their Effects on Technical Inefficiency of Manufacturing Firms. Brownbag Series Lecture, Department of Economics, LUMS, November 2.
- Burki, Abid A. (2012). Panelist on the launching ceremony of the "Punjab Millennium Development Goals Report 2011, Organized by the United Nations Development Programme & Strengthening Poverty Reduction Strategy Monitoring Punjab, Lahore: September 7.
- Burki, Abid A. (2012). Exploring the Links between Inequality, Polarization and Poverty. Invited seminar in the Department of Economics and Finance, Bond University, Gold Coast, Australia: July 4.
- Burki, Abid A. (2012). Panel on "Large Scale Industrial Development in Pakistan." 11<sup>th</sup> Senior Management Course, National Management College, Lahore: June 18.
- Burki, Abid A. (2012). Chief Guest at the Graduation Ceremony of the University College Lahore for award of BSc (Hons.) degrees to graduates of the University of London International Program. Lahore: April 21.
- Burki, Abid A. (2012). Milk Supply Chain of Processing Companies and Farmers' Efficiency, Invited talk in Seminar on Road Map for Development of Dairy Sector of Pakistan, University of Veterinary and Animal Sciences, Lahore: March 19.

## RESEARCH SUPERVISION:

### Ph.D.

1. Umer Khalid (2019), *Impact of Trade Liberalization on Productivity, Employment and Wage Structure*, Department of Economics, Quaid-i-Azam University, Islamabad.
2. Shabbir Ahmad (2011), *The Effects of Financial Sector Reforms on the Performance of Commercial Banks in Pakistan*, Department of Economics, Quaid-i-Azam University, Islamabad, May.
3. Lubna Shahnaz (2011), *Household's Time Allocation for Children and their Interaction with Adult Labor: Evidence from Pakistan*, Department of Economics, Quaid-i-Azam University, Islamabad, February.
4. Shabbir K. Niazi (2004), *Measuring Cost Efficiency and Productivity Change of Commercial Banks in Pakistan, 1991 – 2000*. Quaid-i-Azam University, Islamabad.

### MSc/MS/MPhil

1. Muhammad Ahmad Amin (2020). Predictors of Intimate Partner Violence in Pakistan: Evidence from a Multi-Theoretical Framework, MS Thesis, Department of Economics, LUMS, December.
2. Ramsha Sajid (2020). The End of the Multi-Fiber Arrangement, Tariff Rationalization, and Impact on TFP in the Textile Sector of Pakistan, MS Thesis, Department of Economics, LUMS, December
3. Muhammad Iqbal (2020). Does Child Health Affect Schooling in Pakistan? MS Thesis, Department of Economics, LUMS, December.
4. Kainat Khan (2020). Evaluating Stolper-Samuelson Theorem: The impact of trade liberalization on wages in the Manufacturing Sector of Pakistan, MS Thesis, Department of Economics, LUMS, Dec.
5. Zainab Haroon (2020). Exploring Regional Disparities in Child Stunting in Pakistan, MS Thesis, Department of Economics, LUMS, May.
6. Hibba Saeed (2020). Impact of Physical Punishment on Early Childhood Development, MS Thesis, Department of Economics, LUMS, May.
7. Attia Sohail (2019). Child Health and School Enrolment: Observing the Unobserved Factors, MS Thesis, Department of Economics, LUMS, December.
8. Sarim Ahmad (2019). Does Competition in Education Market Increase Productivity of Primary Schools in Pakistan? MS Thesis, Department of Economics, LUMS, December.
9. Memuna Aslam (2019). Glass Ceiling or Sticky Floor Effect? Exploring the Gender Wage Gap across the Wage Distribution in Different Sectors, MS Thesis, Department of Economics, LUMS, December.
10. Ayesha Ata (2019). Impact of Household Food Insecurity on child Nutritional Status through Measurement of Dietary Diversity Score: Evidence from Pakistan, MS Thesis, Department of Economics, LUMS, December.
11. Ghania Jalil (2019). Part-time Wage Penalties for Women: A Matter of Section or Segregation: Evidence from Pakistan, MS Thesis, Department of Economics, LUMS, December.
12. Verda Arif (2019). Impact of weather variables on sugarcane yield in Punjab, Pakistan, MS Thesis, Department of Economics, LUMS, May.
13. Ayesha Wajih (2019). Voting Behavior in Punjab. Do Policies Guide Voter Preferences and Turnout? MS Thesis, Department of Economics, LUMS, January.
14. M. Raza Mustafa Khan (2018). Impact of Market Power on Industrial Productivity in Selected Asian Countries, MS Thesis, Department of Economics, LUMS, December.
15. Rimsha Asmat (2018). Impact of Natural Disasters on Wages and Employment Level, MS Thesis, Department of Economics, LUMS, December.
16. Urooj Qaiser (2018). Dietary Patterns and Consumption Inequality in Pakistan, MS Thesis, Department of Economics, LUMS, December.
17. Anisha Tanveer (2018). Evaluating the Impact of Male Migration through Changes in Female Labor Force Participation: Evidence from Pakistan, MS Thesis, Department of Economics, LUMS, December.
18. Brishna Riaz (2018). Impact of Birth Spacing on Child Health in Pakistan, MS Thesis, Department of Economics, LUMS, December.
19. Malik Fakhar Ahmed (2018), Sanitation and Child Stunting: Evidence from Two Multiple Indicator Cluster Surveys in Pakistan, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.

20. Fatima Qamar (2018), Exploring the much-speculated link between nutrition and worker's productivity: evidence from rural Pakistan, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
21. Aqib Saeed (2018), Impact of Climate Change on Wheat Yields in Punjab, Pakistan, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
22. Asra Malik (2018), Parental Health Shocks, Child Labor and Education: Evidence from Pakistan, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
23. Hafiz Muhammad Umair Mazher (2018), Evaluating Efficiency and Stability of Islamic and Conventional Banks in Pakistan using a Translog Input Distance Function, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
24. Maham Umar Bajwa (2018), Malmquist Total Factor Productivity Growth in Pakistan's Agriculture: A District Level Analysis from 1990-2012, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
25. Arsalan Hussain (2017), Estimation and Prediction of Energy Demand Using the Household Survey Data of Pakistan: An Application of Quadratic Almost Ideal Demand System, MS Thesis, Department of Economics, Lahore University of Management Sciences, December
26. Kinza Emad Khan (2017), Evaluating Production Structure of Electricity Distribution Companies (DISCOs) of Pakistan using a Translog Cost Function, MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
27. Ahsan Zia Farooqui (2016). Are Cash Transfers an Effective Social Policy for Poverty Alleviation? The Case of BISP, MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
28. Mahwish Waqar (2016). Impact of Maternal Work Status on Child Nutrition: Evidence from Pakistan. MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
29. Ambreen Sarwar (2016). Is Trade Liberalization Pro Poor in Pakistan: Evidence from the Quantile Regressions, MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
30. Arooj Waheed Dar (2016), Impact of Fertility on Female Labor Force Participation: An Analysis Using IV Technique, MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
31. Ahsan Ansari (2016). Poverty Decomposition using Utility Consistent Poverty Lines, MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
32. Muhammad Usman Naeem (2016). Environmental Regulation, Water Pollution and Infant Mortality in Punjab, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
33. Fatima Tanveer (2016). The Nexus between School Infrastructure Facilities and Enrolment: Empirical Evidence from Public Schools in Punjab, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
34. Noor U Sehur (2016). Exploring the Much-Speculated Link between Child Health and School Enrolment, MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
35. Anum Tariq (2015). Impact of Seasonality on Child Labor: A Difference in Difference Approach, MS Thesis, Department of Economics, Lahore University of Management Sciences, December.
36. Anum Ali Khan (2015). Village Electrification and its Impact on Nonfarm Income in Pakistan. MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
37. Bushra Khalid (2015). Chronic Disease and Technical Inefficiency in the Farm Sector of Pakistan. MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
38. Syed Ameer Haider Gardezi (2015). Impact of Quantity and Quality of Irrigation Water on Technical Inefficiency of Farms in Pakistan. MS Thesis, Department of Economics, Lahore University of Management Sciences, May.
39. Anum Hasan (2014). Total Factor Productivity Growth in Pakistan's Agriculture: A Fare-Primont Index Analysis of 86 Districts, MSc Thesis, Department of Economics, LUMS, May.
40. Faryal Ahmed (2013). Does Trade Liberalization Decrease Wage Inequality? Evidence from the

- Manufacturing Sector of Pakistan, MSc Thesis, Department of Economics, LUMS, May.
41. Syeda Tayyaba Raza Rizwi (2013). Impact of Trade Liberalization on Technical Efficiency of Manufacturing Sector: Evidence from Pakistan. MSc Thesis, Department of Economics, LUMS, May.
  42. Sahar Shah (2012). Impact of Efficiency Wages on Technical Inefficiency and Productivity of Manufacturing Firms in Pakistan, MSc Thesis, Department of Economics, LUMS, May.
  43. Warda Rasool (2012). Does Trade Liberalization Affect Male-Female Wage Differentials: Evidence from Pakistan, MSc Thesis, Department of Economics, LUMS, May.
  44. Minahil Zafar (2012). The Effect of Water Quality on Water Bourne Diseases in Pakistan, MSc Thesis, Department of Economics, LUMS, May.
  45. Rubab Tayyab (2012). The Impact of Tax Laws and Exchange Rate Premiums on Worker Remittances in Pakistan, MSc Thesis, Department of Economics, LUMS, May.
  46. Amina Riaz (2012). Public Sector Investments and their Effects on Rural Poverty in Pakistan, MSc Thesis, Department of Economics, LUMS, May.
  47. Muhammad Tahir Ali (2010). Trends and Sources of Total Factor Productivity Growth: District Level Analysis of Pakistani Agriculture. MSc Thesis, Department of Economics, LUMS, September.
  48. Kiran Naseer (2009). How Well Do We Understand the Causes of Rural Poverty? Impact of Household Size, Assets and Regional Indicators on Poverty. MSc Thesis, Department of Economics, LUMS, November.
  49. Sobia Malik (2009). The Impact of Chronic Disease on Food Poverty: Empirical Evidence from the Panel Data. MSc Thesis, Department of Economics, LUMS, November.
  50. Isa Khan (2009). Do Foreign Remittances and Household Wealth Affect Child Labor? Evidence from Pakistan. MSc Thesis, Department of Economics, LUMS, November.
  51. Azma Batool (2009). Do Household Characteristics Matter in Dynamic Poverty Determination? Evidence from Pakistan. MSc Thesis, Department of Economics, LUMS, November.
  52. Fariha Fatima (2007). Income Polarization and Inequality in Pakistan: A Comparative Analysis. MSc Thesis, Department of Economics, LUMS, November.
  53. Sabbah Rahooja (2007). Determinants of Housing Demand across Income Groups in Pakistan. MSc Thesis, Department of Economics, LUMS, October.
  54. Mariyam Saeed (2005). Pakistan: Structuralizing Industrial Policy. MSc Thesis, Department of Economics, LUMS, December.
  55. Aliya Sattar (2004) Deletion Policy of the Automobile Sector of Pakistan: What Does WTO Have in Store? MSc Thesis, Department of Economics, LUMS, October.
  56. Atif Ikram (2004), Corporate Governance in Pakistan: Rationale, Issues and Concerns. MSc Thesis, Department of Economics, Lahore University of Management Sciences, August.
  57. Aisha Shafique (2003). Explaining Total Factor Productivity Change for Commercial Banks of Pakistan. MSc Thesis, Department of Economics, LUMS, May.
  58. Uzma Bibi (2002). Measuring Technical Efficiency of Departments of Economics in Pakistani Universities: A DEA Approach, MPhil Thesis, Quaid-i-Azam University.
  59. Asif Saeed (2002). An Economic Analysis of Productivity and Economies of Pakistan's Commercial Banking Sector. MPhil Thesis, Quaid-i-Azam University.
  60. Saadiya Razzaq (2002). Measuring Efficiency of Pakistani Commercial Banks: An Application of Data Envelopment Analysis, MPhil Thesis, Quaid-i-Azam University.
  61. S. Kalim Hyder (2001). Allocative Inefficiency and the Elasticities of Demand and Substitution in Pakistan's Sugar Industry, MPhil Thesis, Applied Economics Research Centre, University of Karachi.
  62. Safana Shaheen (2001). Economies of Scale and Scope in Banking Sector of Pakistan. MPhil Thesis, Quaid-i-Azam University.
  63. Shirin Aslam (2000). Digital Technology, Regulations and Diffusion of Mobile Telephony in Some Selected Asian Countries. MPhil Thesis, Quaid-i-Azam University.
  64. Bushra Yasmin (2000). Estimating the Determinants of Foreign Direct Investment in Some Selected Developing Countries. MPhil Thesis, Quaid-i-Azam University.
  65. Adiq Kausar Kiani (2000). Measuring Technical Efficiency of Commercial Banks in Pakistan, MPhil Thesis, Quaid-i-Azam University.

66. Shabbir Ahmad (2000). Patterns of Productivity Change in Pakistan's Large-Scale Manufacturing Sector, MPhil Thesis, Quaid-i-Azam University.
67. Shahnawaz Mahmood (2000). Investigating the Cost and Demand Structure of Pakistan's Telecommunication Industry, MSc Thesis, Quaid-i-Azam University.
68. Fatima Ambreen (1999). Estimating Consumer Demand of Selected Food Items in Pakistan, MPhil Thesis, Quaid-i-Azam University.
69. Asma Hyder (1999). Public-Private Wage Differentials in Pakistan, MPhil Thesis, Quaid-i-Azam University.
70. S. Khalid Zareef (1999). Substitutability, Allocative Efficiency and Technological Change in Pakistan's Agriculture, MPhil Thesis, Quaid-i-Azam University.
71. Waheed Ahmad Khan (1999). The Progress and Problems of the North American Free Trade Area, MPhil Thesis, Area Study Centre, Quaid-i-Azam University.
72. M. Adnan Aziz (1999). Estimates of Consumer Demand Elasticities for Selected Non-Food Items in Pakistan, MPhil Thesis, Quaid-i-Azam University.
73. Tazeen Fasih (1998). Determinants of Child Labour and their Earnings Profile in Punjab, Pakistan, MPhil Thesis, Quaid-i-Azam University.
74. Mahmood-ul-Hasan Khan (1998). Allocative Efficiency in the Manufacturing Sector of Pakistan, MPhil Thesis, Quaid-i-Azam University.
75. Ahmad Nawaz (1998). Sources of Economic Growth in Pakistan: Some New Evidence, MSc Thesis, Quaid-i-Azam University.
76. Babar Aziz (1997). Estimating Consumer Demand System Using Time-series Data of Pakistan, MPhil Thesis, Quaid-i-Azam University.
77. Saadia Refaquat (1997). Estimating Total Factor Productivity in Pakistan's Large-Scale Manufacturing, MSc Thesis, Quaid-i-Azam University.
78. Sobia Shami (1997). Technical Efficiency of Small Farms in Irrigated Areas of Pakistan's Punjab: A Stochastic Frontier Approach, MSc Thesis, Quaid-i-Azam University.
79. Parveen Akhtar (1992). Subcontracting Relationships and Efficiency in Small Manufacturing Firms in Pakistan. MSc Thesis, Quaid-i-Azam University.
80. Tahira Nuzhat (1991). Labour Market Segmentation in Pakistan: Some Evidence, MSc Thesis, Quaid-i-Azam University.
81. Uzma Afaqi (1991). The Informal Sector of Pakistan: A Survey, Quaid-i-Azam University.
82. Nabila Iqbal (1991). Agricultural Pricing Policies in Pakistan: A Review, MSc Thesis, Quaid-i-Azam University.
83. S. Shahbaz Ali (1991). Determinants of Personal Earnings for the Self-Employed in the Urban Informal Sector of Pakistan, MSc Thesis, Quaid-i-Azam University.
84. Qaisar Abbas (1991). Rates of Return to Education and Determinants of Earnings in the Urban Informal Sector of Pakistan: A Case Study, MSc Thesis, Quaid-i-Azam University.
85. Naheed Sultana (1990). Returns to Education in the Informal Sector: A Case Study of Selected Cities of Pakistan, MPhil Thesis, Quaid-i-Azam University.
86. Ubaidullah (1990). Urban Informal Sector in Pakistan: Evolution or Involution? MSc Thesis, Quaid-i-Azam University.
87. Nawazish Ali Khan (1990). Earnings of Self-Employed, Workers, and Apprentices in the Urban Informal Sector of Pakistan: A Case Study of Lahore City, MSc Thesis, Quaid-i-Azam University, Islamabad.

#### **UNIVERSITY & GOVERNMENT SERVICE:**

- Member, Public-Private Partnership Steering Committee, Planning & Development Board, Government of the Punjab, Lahore, March 2019 – March 2021.
- Convener, University Research Council, LUMS, Lahore, 2013 – 2018.
- Member, University Research Council, LUMS, 2011 – 2019.
- Member, School Appointment, Promotion and Tenure Committee, Mushtaq Ahmad Gurmani School

- of Humanities and Social Sciences, LUMS, October 2016 – 2020.
- Convener, Faculty Appointment and Promotion Committee (FAPC), Mushtaq Ahmad Gurmani School of Humanities & Social Sciences, LUMS, Lahore, 2012 – October 2016.
  - Member, Faculty Appointments and Promotion Committee, School of Humanities, Social Sciences, and Law, LUMS 2007 – 2009.
  - Chair Editorial Board, **LUMS Economics Working Paper Series**, July 2012 – 2016.
  - Elected member of Faculty & University Council, LUMS, Lahore, July 2012 – June 2014.
  - EU funded TRTA II, Pakistan Institute of Trade and Development, Ministry of Commerce, Government of Pakistan, Islamabad, 2011.
  - Member Executive Committee (EC) of the Public-Private Dialogue Steering Committee (PPDSC). Steered the process of public-private dialogues when PPDSC was not in session. More specifically, reviewed proposals and final papers of commissioned studies for their technical soundness.
  - EU funded TRTA II, Pakistan Institute of Trade and Development, Ministry of Commerce, Government of Pakistan, Islamabad, 2011: As Member Public-Private Dialogue Steering Committee helped in selecting topics for conducting Public-Private Dialogues. Also participated in the dialogues as member.
  - Editor, [CMER Working Paper Series](#), Lahore University of Management Sciences, 2004-June 2010. Edited 35 papers.
  - Managing Editor, *LEAD-Pakistan Occasional Paper Series*, 1999 – 2002
  - Member Livestock Development Committee, PEO, Livestock and Dairy Development Department, Government of the Punjab, Lahore, August 2011 – July 2012.
  - Member Advisory Board, Centre for Poverty Reduction and Social Policy Development, Planning Commission and UNDP, Islamabad, 2010 – 2011.
  - Member Advisory Committee for Agricultural Census 2010, Agriculture Census Organization, Statistics Division, Ministry of Finance & Economic Affairs, Government of Pakistan, 2009.
  - Served as Honorable Judge under the sub-field of economics for HEC's Outstanding Research Award and Lifetime Achievement Awards Categories, Higher Education Commission, Islamabad, 2009.
  - Member, HoD Search Committee for Mathematics, June – July 2006.
  - Member, Committee on Corporate Governance in Pakistan, Institute of Chartered Accountants of Pakistan, Karachi, 2004-05.
  - Member National Task Force on WTO, Ministry of Agriculture, Government of Pakistan, Islamabad, September 2001 – September 2003.

#### **OTHERS:**

- Quaid-i-Azam University, Islamabad: member economics Ph.D. Committee from 1997 – 2002; member Board of Governors, National Institute of Pakistan Studies, QAU from October 2001 – October 2003; Chairman, Board of Studies, Department of Economics, QAU from October 2000 – August 2002; Member Advanced Studies and Research Board, QAU, March 2002 – August 2002; Member Selection Board, Department of Economics, QAU, October 2000 – August 2002; Member Academic Council, QAU, November 1999 – August 2002; Member Board of Faculties, Faculty of Social Sciences, QAU, July 1999 – August 2002; and Member University Discipline Committee, QAU, October 2001 – August 2002.

#### **PERSONAL:**

Married with four children.

Citizen of Pakistan.

Born on 20<sup>th</sup> March 1953.